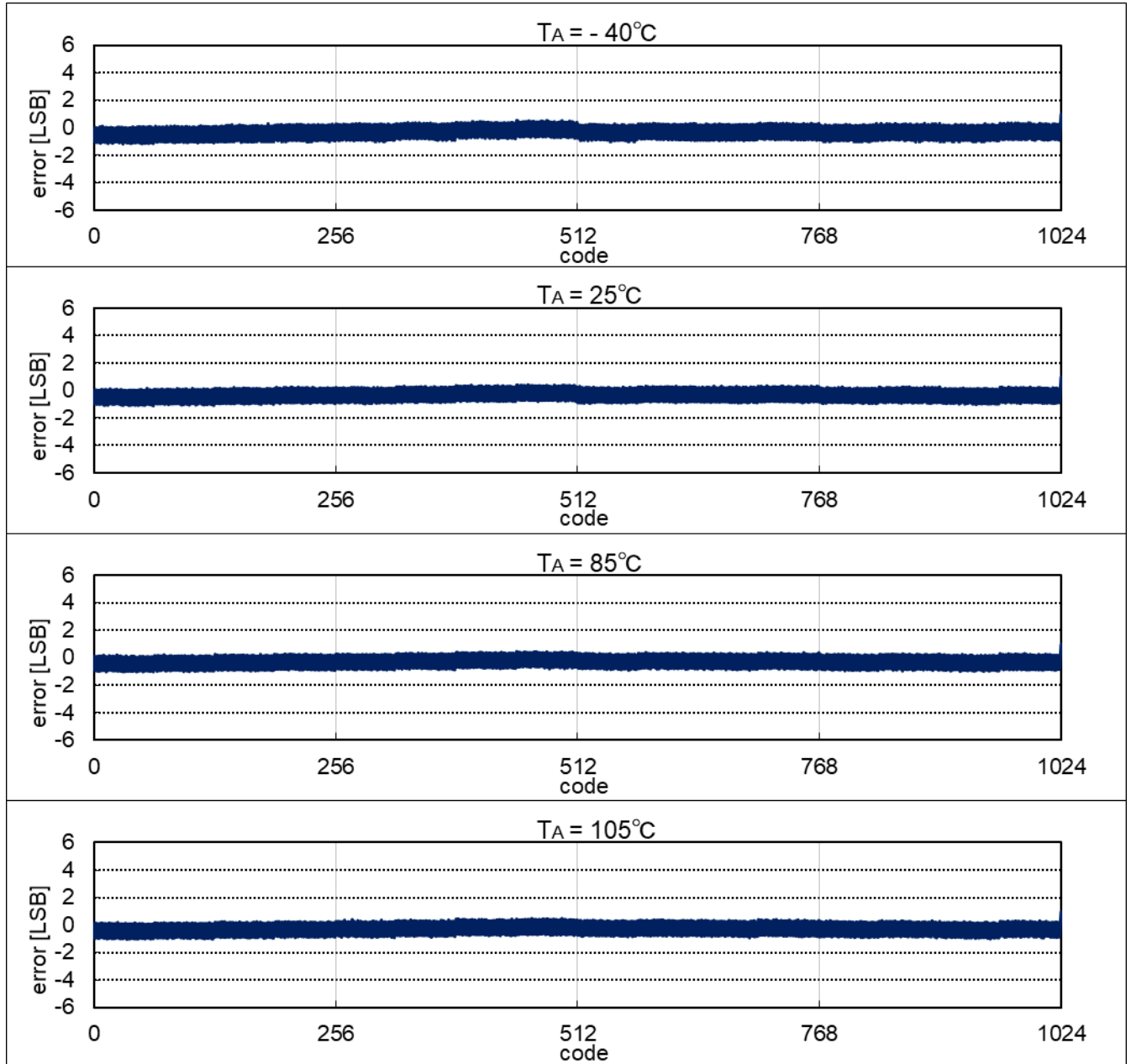


$V_{DD} = 5.0\text{ V}$
 $T_A = -40^\circ\text{C}, +25^\circ\text{C}, +85^\circ\text{C}, +105^\circ\text{C}$
CPU : HS mode, RUN
 $f_{CLK} = 32\text{ MHz}$ (High-speed OCO)

reference voltage (+) = $AV_{REFP} = 5.0\text{ V}$, reference voltage (-) = $AV_{REFM} = 0\text{ V}$
 $f_{AD} = 8\text{ MHz}$
conversion time = $2.375\text{ }\mu\text{s}$
mode : Normal mode 1

Prepared on June 19th, 2023

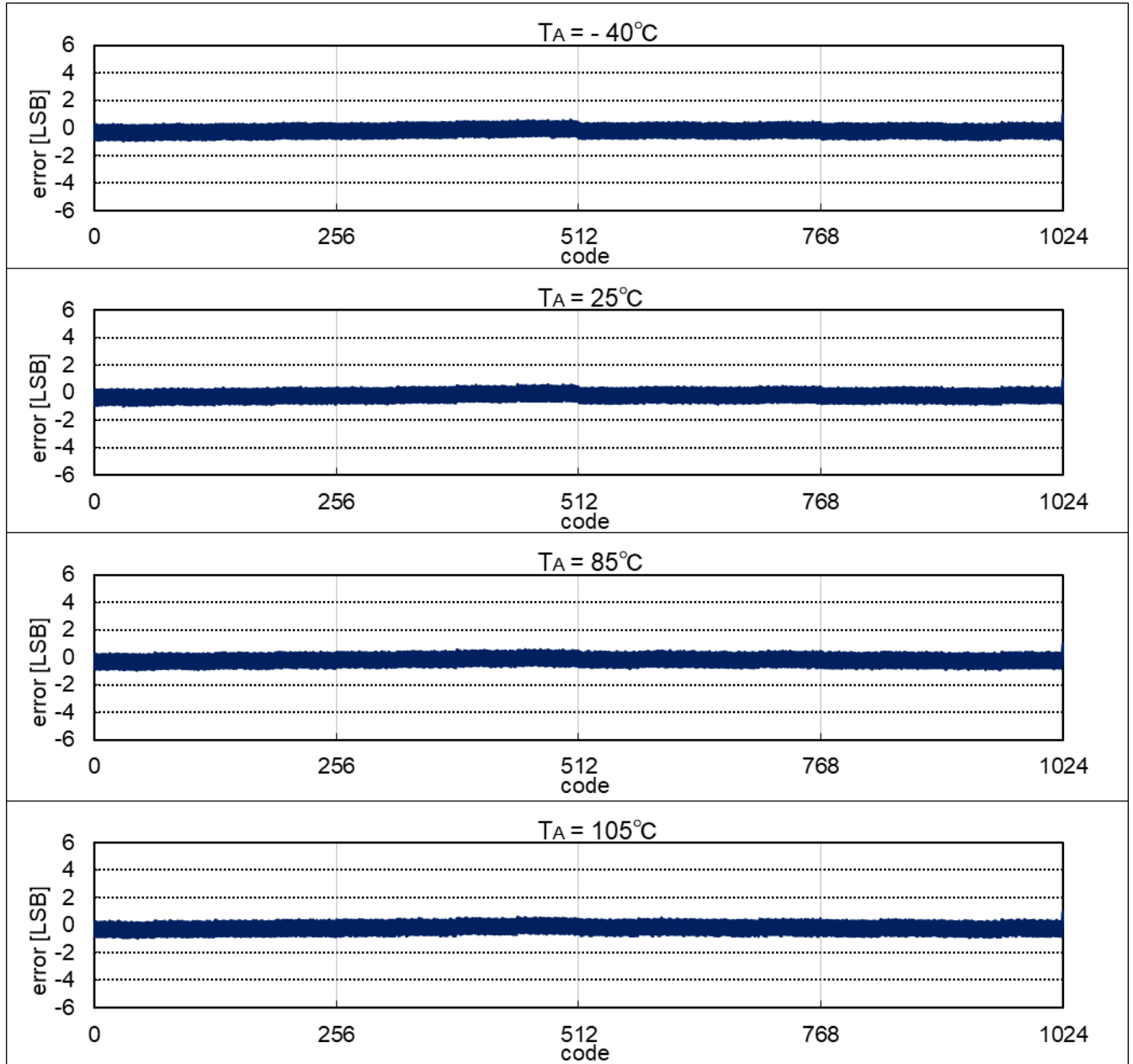


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

$V_{DD} = 5.0\text{ V}$
 $T_A = -40^\circ\text{C}, +25^\circ\text{C}, +85^\circ\text{C}, +105^\circ\text{C}$
CPU : HS mode, HALT
 $f_{CLK} = 32\text{ MHz}$ (High-speed OCO)

reference voltage (+) = $AV_{REFP} = 5.0\text{ V}$, reference voltage (-) = $AV_{REFM} = 0\text{ V}$
 $f_{AD} = 8\text{ MHz}$
conversion time = $2.375\text{ }\mu\text{s}$
mode : Normal mode 1

Prepared on June 19th, 2023

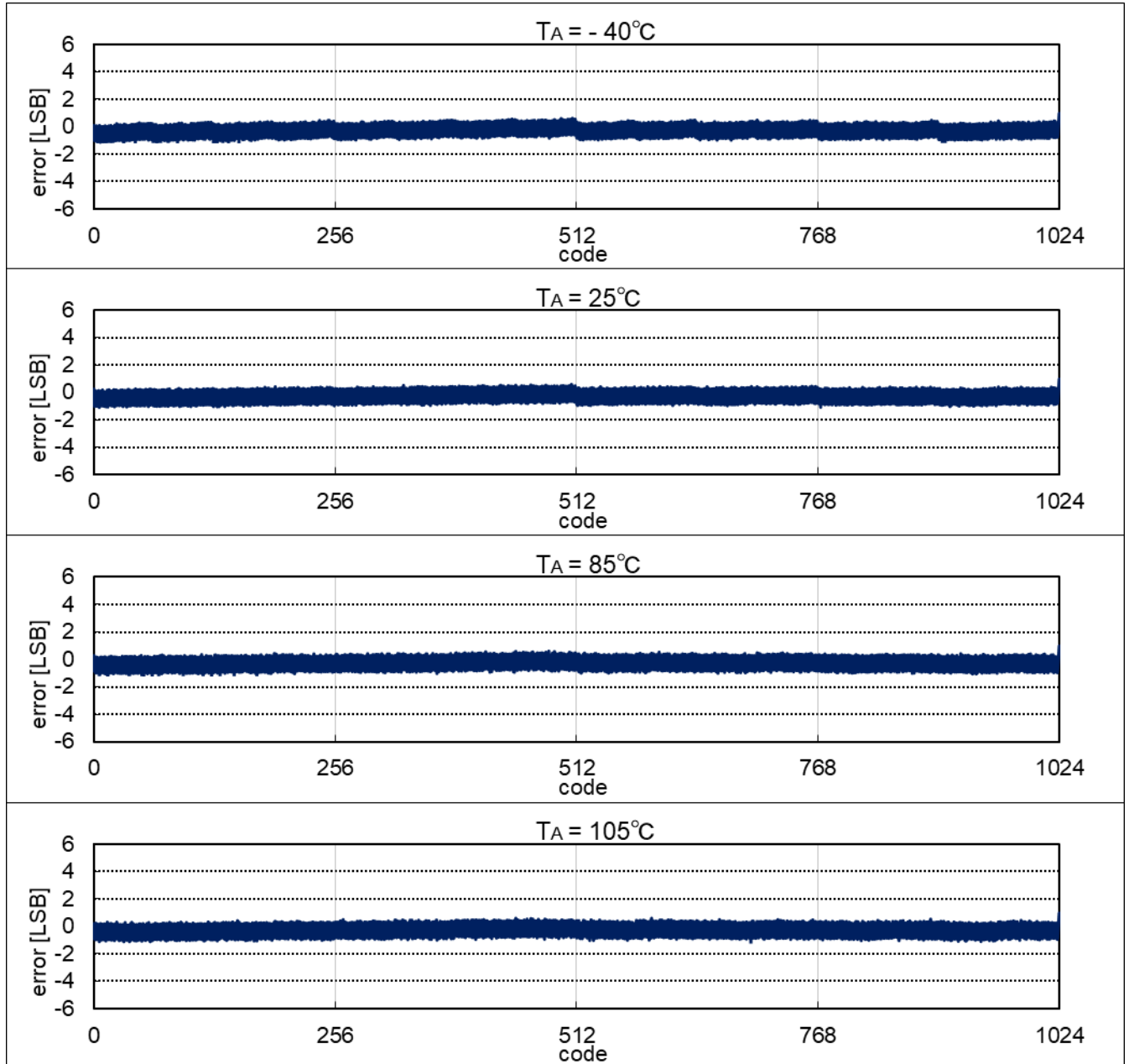


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

$V_{DD} = 3.0\text{ V}$
 $T_A = -40^\circ\text{C}, +25^\circ\text{C}, +85^\circ\text{C}, +105^\circ\text{C}$
CPU : HS mode, RUN
 $f_{CLK} = 32\text{ MHz}$ (High-speed OCO)

reference voltage (+) = $AV_{REFP} = 3.0\text{ V}$, reference voltage (-) = $AV_{REFM} = 0\text{ V}$
 $f_{AD} = 5.33\text{ MHz}$
conversion time = $3.5625\text{ }\mu\text{s}$
mode : Normal mode 1

Prepared on June 19th, 2023

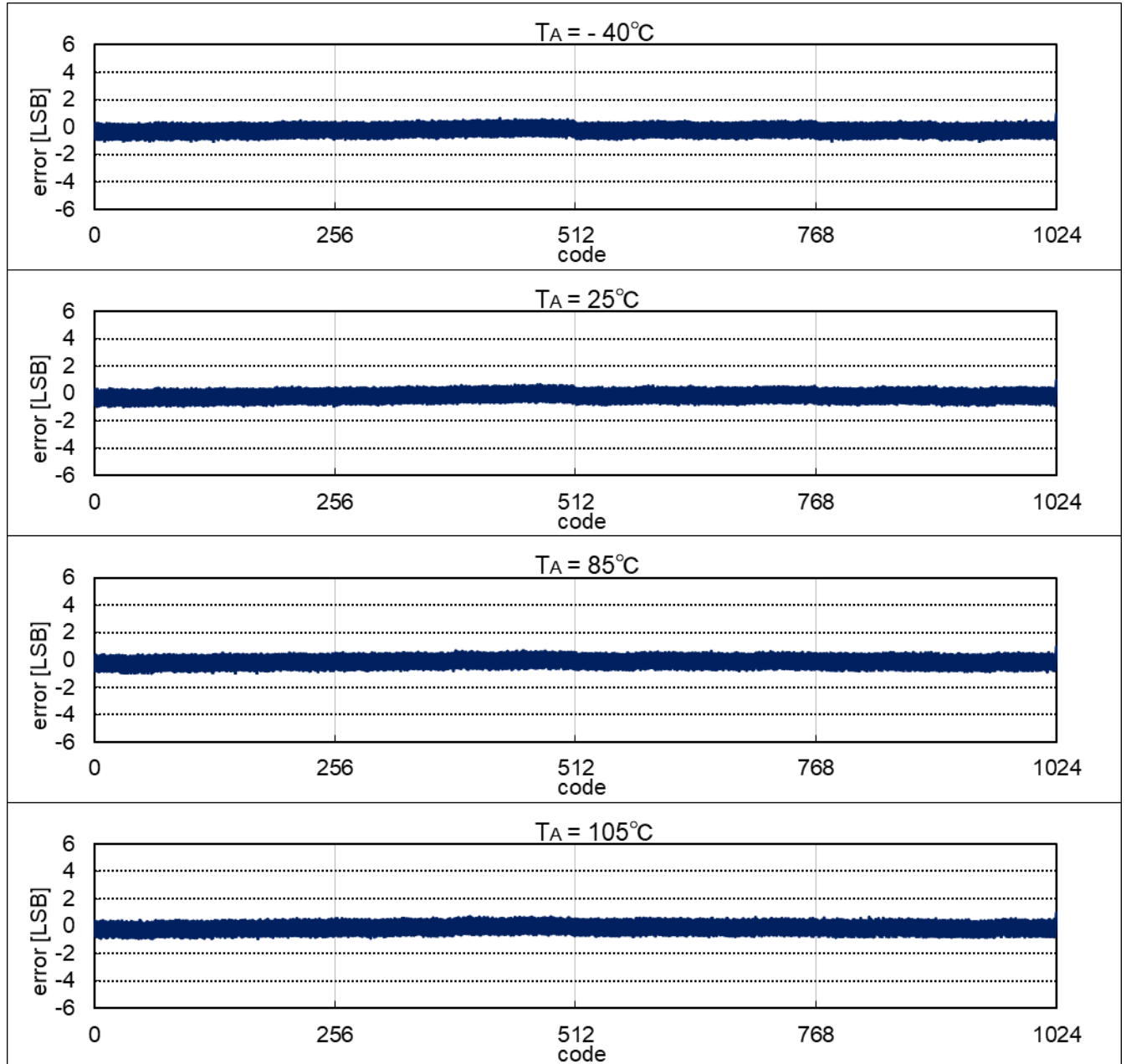


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

$V_{DD} = 3.0\text{ V}$
 $T_A = -40^\circ\text{C}, +25^\circ\text{C}, +85^\circ\text{C}, +105^\circ\text{C}$
CPU : HS mode, HALT
 $f_{CLK} = 32\text{ MHz}$ (High-speed OCO)

reference voltage (+) = $AV_{REFP} = 3.0\text{ V}$, reference voltage (-) = $AV_{REFM} = 0\text{ V}$
 $f_{AD} = 5.33\text{ MHz}$
conversion time = $3.5625\text{ }\mu\text{s}$
mode : Normal mode 1

Prepared on June 19th, 2023

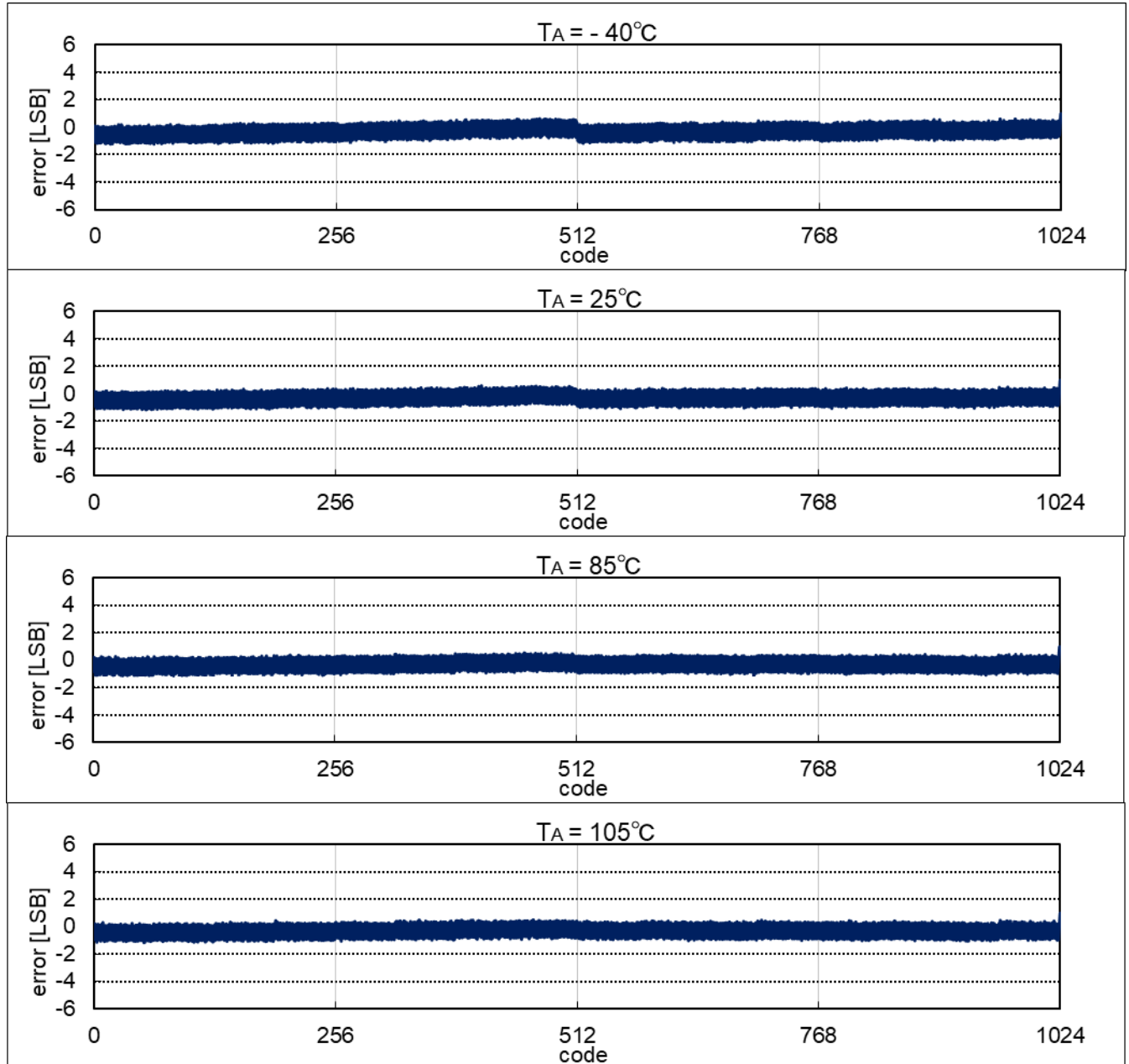


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

$V_{DD} = 3.0\text{ V}$
 $T_A = -40^\circ\text{C}, +25^\circ\text{C}, +85^\circ\text{C}, +105^\circ\text{C}$
CPU : LS mode, RUN
 $f_{CLK} = 24\text{ MHz}$ (High-speed OCO)

reference voltage (+) = $AV_{REFP} = 3.0\text{ V}$, reference voltage (-) = $AV_{REFM} = 0\text{ V}$
 $f_{AD} = 6\text{ MHz}$
conversion time = $3.16\text{ }\mu\text{s}$
mode : Normal mode 1

Prepared on June 19th, 2023

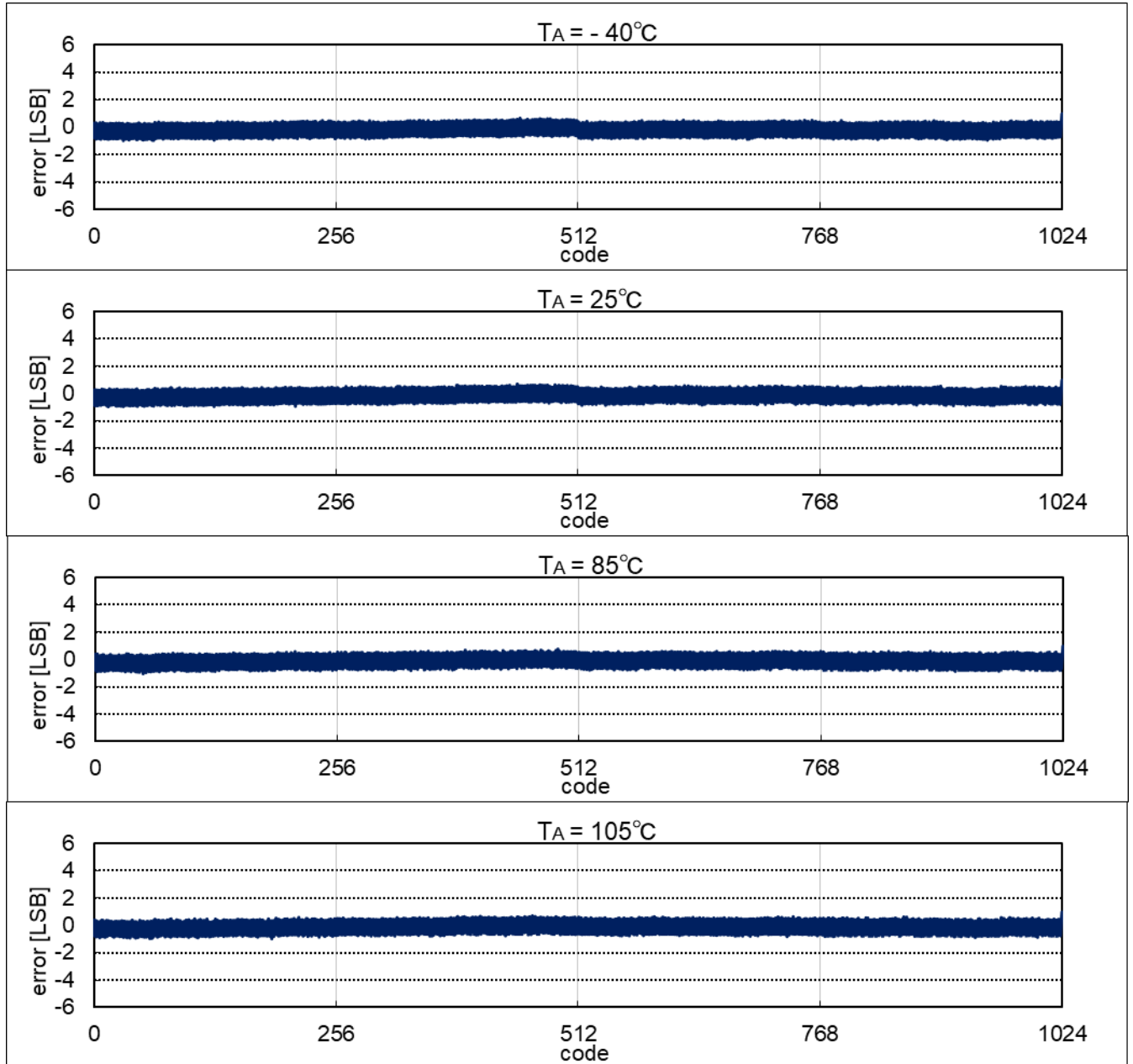


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

$V_{DD} = 3.0\text{ V}$
 $T_A = -40^\circ\text{C}, +25^\circ\text{C}, +85^\circ\text{C}, +105^\circ\text{C}$
CPU : LS mode, HALT
 $f_{CLK} = 24\text{ MHz}$ (High-speed OCO)

reference voltage (+) = $AV_{REFP} = 3.0\text{ V}$, reference voltage (-) = $AV_{REFM} = 0\text{ V}$
 $f_{AD} = 6\text{ MHz}$
conversion time = $3.16\text{ }\mu\text{s}$
mode : Normal mode 1

Prepared on June 19th, 2023

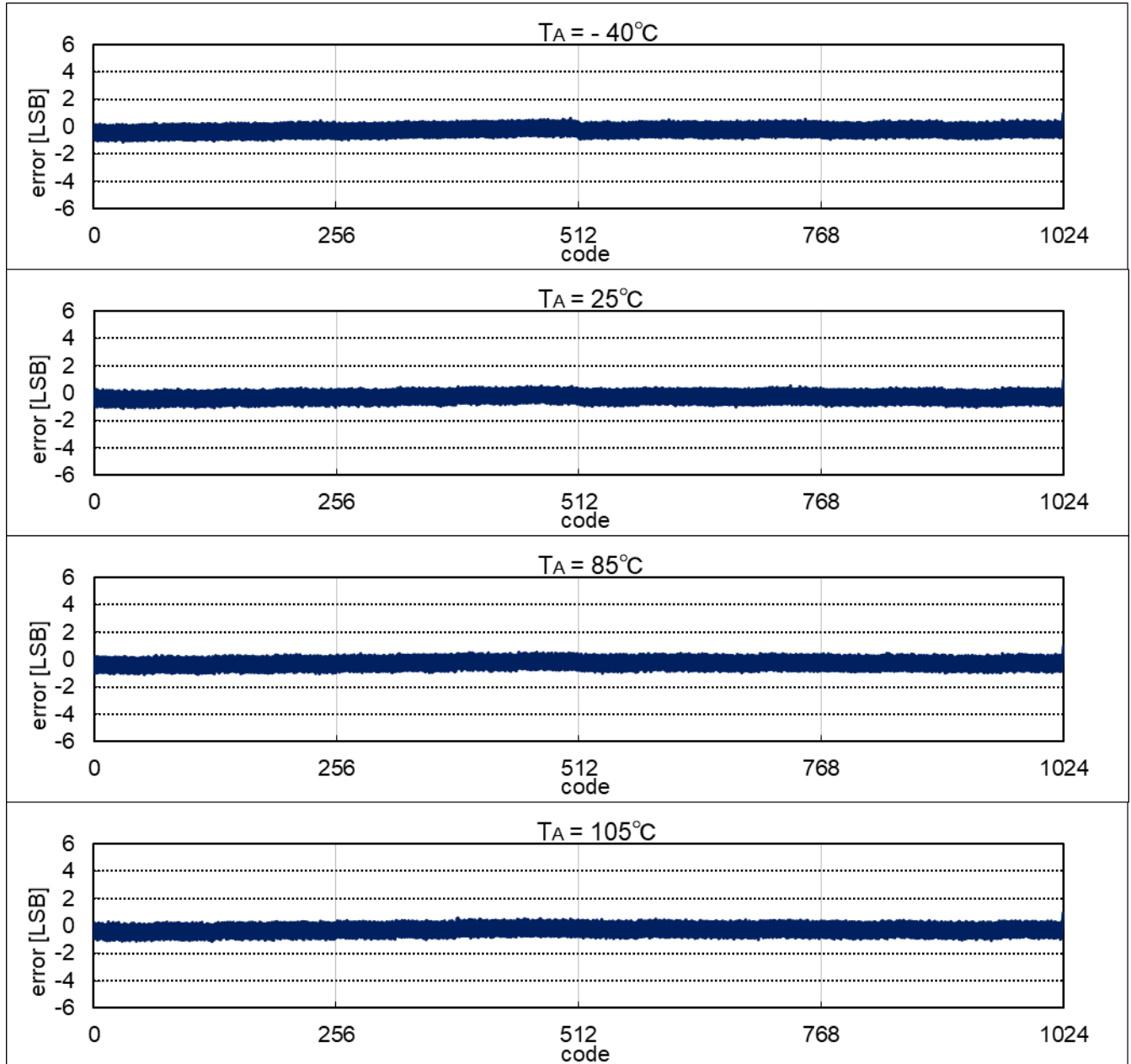


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

$V_{DD} = 3.0\text{ V}$
 $T_A = -40^\circ\text{C}, +25^\circ\text{C}, +85^\circ\text{C}, +105^\circ\text{C}$
CPU : LS mode, RUN
 $f_{CLK} = 8\text{ MHz}$ (High-speed OCO)

reference voltage (+) = $AV_{REFP} = 3.0\text{ V}$, reference voltage (-) = $AV_{REFM} = 0\text{ V}$
 $f_{AD} = 4\text{ MHz}$
conversion time = $4.75\mu\text{s}$
mode : Normal mode 1

Prepared on June 19th, 2023

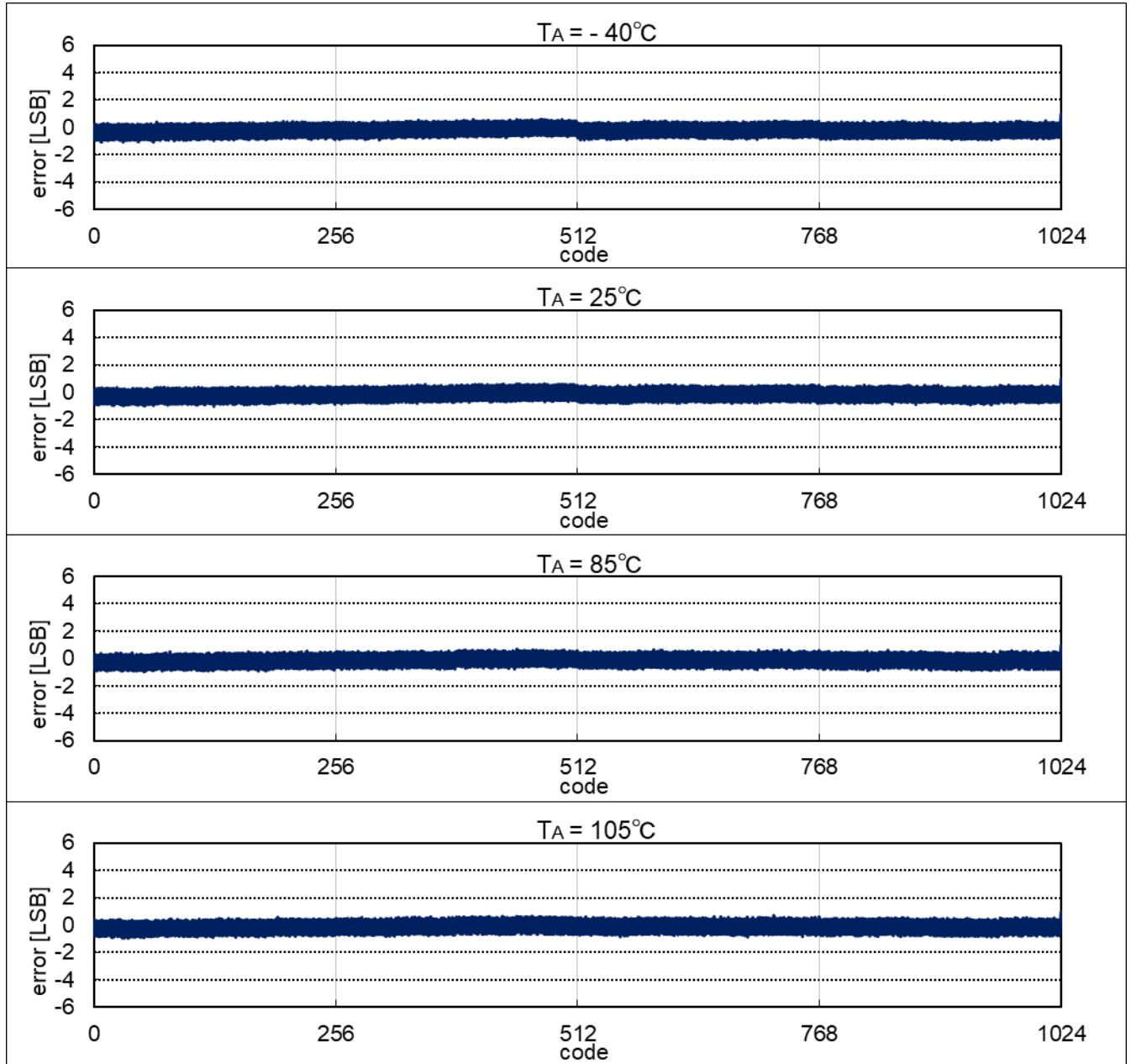


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

$V_{DD} = 3.0\text{ V}$
 $T_A = -40^\circ\text{C}, +25^\circ\text{C}, +85^\circ\text{C}, +105^\circ\text{C}$
CPU : LS mode, HALT
 $f_{CLK} = 8\text{ MHz}$ (High-speed OCO)

reference voltage (+) = $AV_{REFP} = 3.0\text{ V}$, reference voltage (-) = $AV_{REFM} = 0\text{ V}$
 $f_{AD} = 4\text{ MHz}$
conversion time = $4.75\mu\text{s}$
mode : Normal mode 1

Prepared on June 19th, 2023



The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.