$\frac{2}{\alpha} \left( \times_{\text{MAX}} \right)_{10}^{2} = \left( 0.111111 \right)_{2}^{2} \cdot 2^{5} = \left( 1111111 \right)_{2}^{2} = \dots$   $= \left( 1.2^{5} + 1.2^{7} + 1.2^{7} + 1.2^{7} + 1.2^{7} + 1.2^{7} + 1.2^{7} = \dots$   $= \left( 3.2 + 16 + 8 + 4 + 2 + 1 + 0.5 \right)_{10}^{2} = \dots$   $= \left( 63.5 \right)_{10}^{10} \left( \times_{\text{MAX}} \right)_{10}^{2} = \left( 0.00000 \right)_{2}^{2} \cdot 2^{7} = \left( 0.00000 \right)_{2}^{2} = \dots$   $= 1.2^{5}$   $= \left( 0.03125 \right)_{10}^{10}$