$$0_{pc} = (100\%)\left[1 - (1 - 0.01\ 0_p)^{\mathrm{Cos}\ (\pi/2-\varepsilon)}\right]$$

$$= (100\%)\left[1 - (1 - 0.01\ 0_p)^{\mathrm{Sin}\ \varepsilon}\right] \qquad \text{(AM1-8)}$$