$SNR_{SSB} = \frac{\gamma^2 A^2 / 16}{N_0 / g^{BM}} = \left(\frac{\gamma^2 A^2 Pm}{2N_0 \beta m}\right)$   $In Be kentbook, \qquad m(t) \cos(2\pi h 6) - \tilde{m}(t) \sin(2\pi h 6)$   $\frac{1}{2} \left(N(f-fc) + M(f+fc)\right) \frac{1}{2} \left(\tilde{m}(f-h) + \tilde{m}(f+h)\right)$