BOTGI FOR IMMZ Offset of 20 H 2= 37/000 MHZ = 2075x103 600. Fract = 10RH2, July = 90RH2 Fractional will war ICI. Should be extended A compostded in time domain 23 Demodelote n(t) = (8(+) J2ccs (uct-o) Jens 2 (2 I(t) Ces (wot)-20(t) Sin(wot)) Ces (wot) 90 + Sin / wor) 2) + nc(t) = (I(t) (1+(cs(2401))(cs a - g(t) (1-ccs(240(t))sin a) 2PF = I(t) 40 - Q (M sûn (a) + nc (t) Dem 15(t) = 8(t) 12 Sin (wot-0)] LPF = 2 [I(t) ces(wot -a(t) sin/wot)] Sin/word as a - ces(aut) Sing =2 EI(t)ces[wot) Sing. -9(t) Sing(t) cesa] + my(t) = I(t) &io + a(t) cso + h(t) 1((M+)3(1)2 I(t)(cgo+)500)-a(t)[

 $= I(r) \cos -9(r) \sin \alpha + f(r) \sin \alpha + 6(r) \cos \beta + N(Hr) \frac{\partial \Omega}{\partial r}(r)$ $= I(t) \cos + 29(t)) (\cos \alpha + 2\sin \alpha) + 2^{2}(r)$ $= I(t) + 20 e^{2\alpha} + 2^{2}(t)$ $= S(H) e^{2\alpha} + 2^{2}(t)$