100	Date
The same of the sa	Pago
100	
	FCC-201
13	Frequency Modulation
10	the state of the field of the state of the s
	PM: S(t) = Ac cos[2711ct + Kpm(t)]
	FM: s(1) = Accos [2TVc+ 2TK+] m(T) d[)
\$	0
	$fi = \frac{1}{2\pi} \frac{dOi(1)}{dt} Oi(1) = \int_{0}^{1} \frac{1}{3i(1)} dt \times 2\pi$
5	2TI at
9	For singletone modulation: m(1) = Am cos(2711mt)
3	To Strate Thoughton There
9	Oilt) = 2TIJct + KJAM sin(2TIJMt) [Af = KJAM]
	, fm
5	βf $\beta f = \Delta f$
	$fi(t) = dc + K + Am \cos(2\pi l dm t)$ dm
	D.f.
-	
	P = A2 constant, AM is non-linear
	2
	Bandwidth - Noise Tradeoff
-	
-	By LLI: Narrow Band FM
	Bf >71: Wide Band FM
3	Calson's Rule: By = 2 (Af + fm)
•	(4/30/13/14/12
	Generation: Voltage Controlled Oscillator (vco)
	Demodulation: Balanced Frequency Discriminator
	DOMOGUAL DOMOGUA
2	
Sept and the second	









