

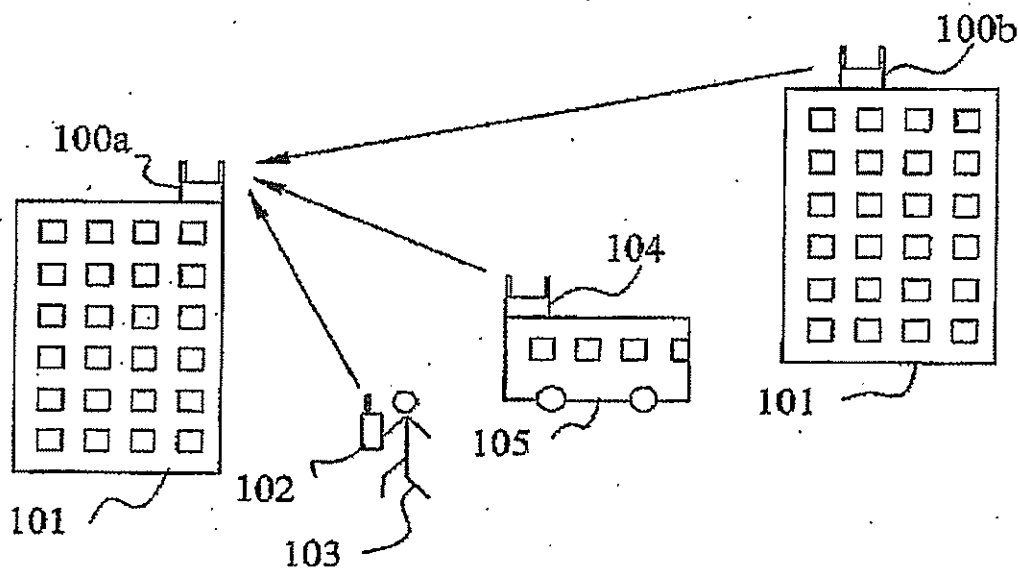


Figure 1

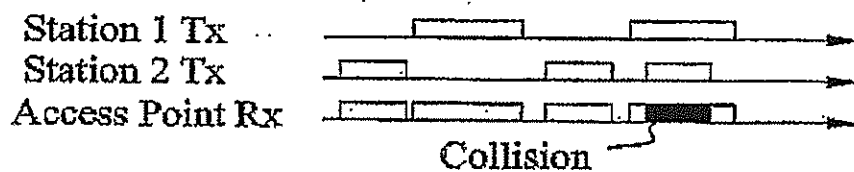


Figure 2 (Related Art)



Figure 3 (Related Art)

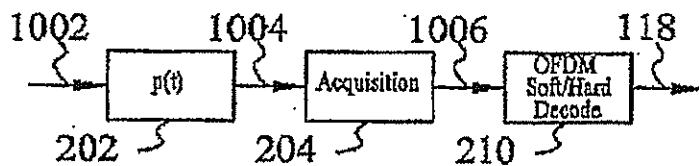


Figure 10 (Related Art)

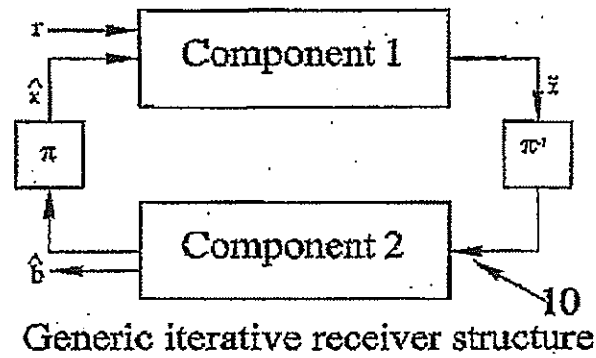


Figure 4

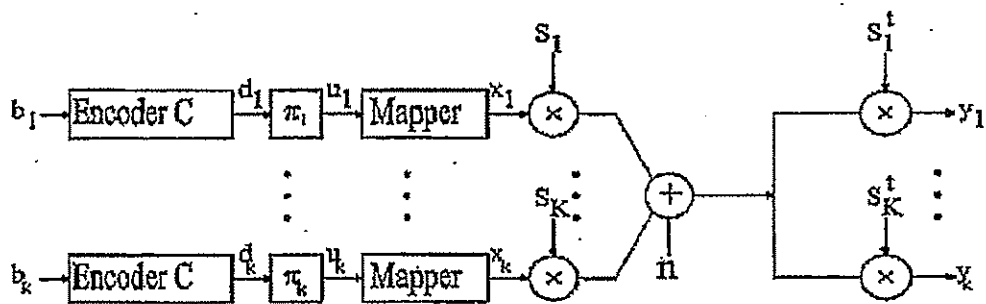


Figure 5

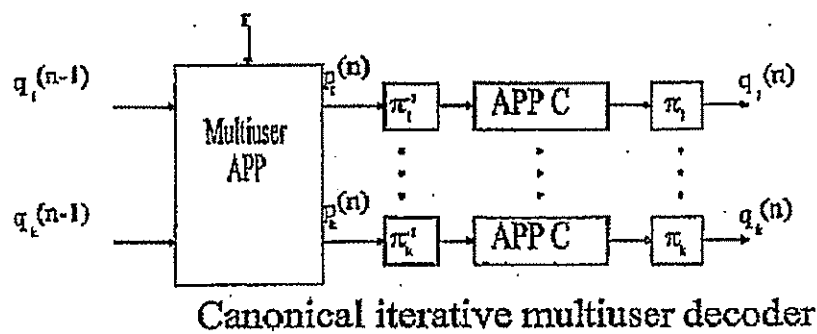
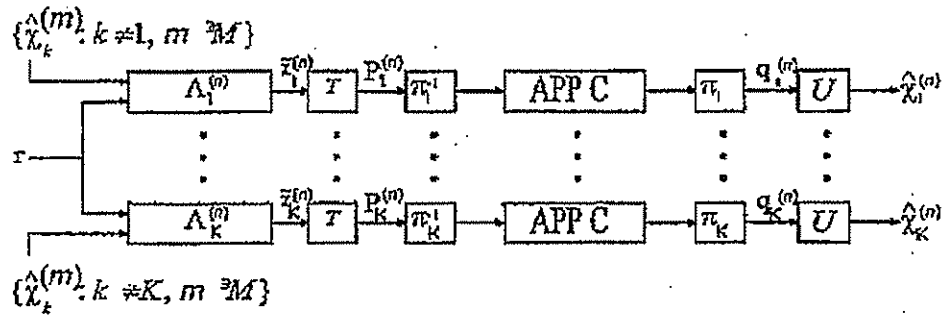
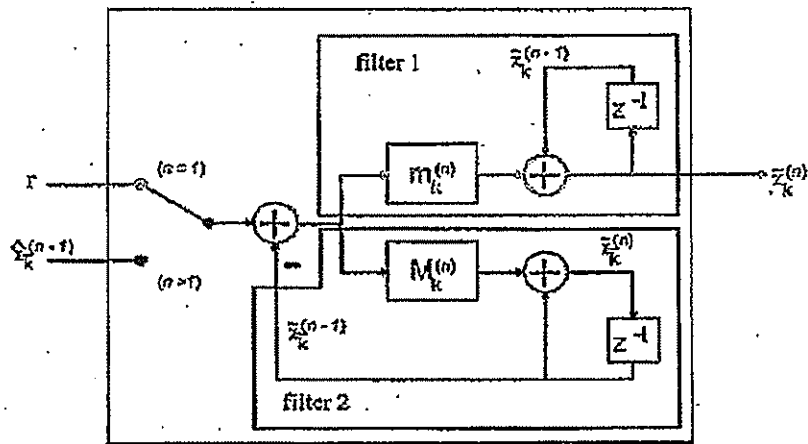


Figure 6

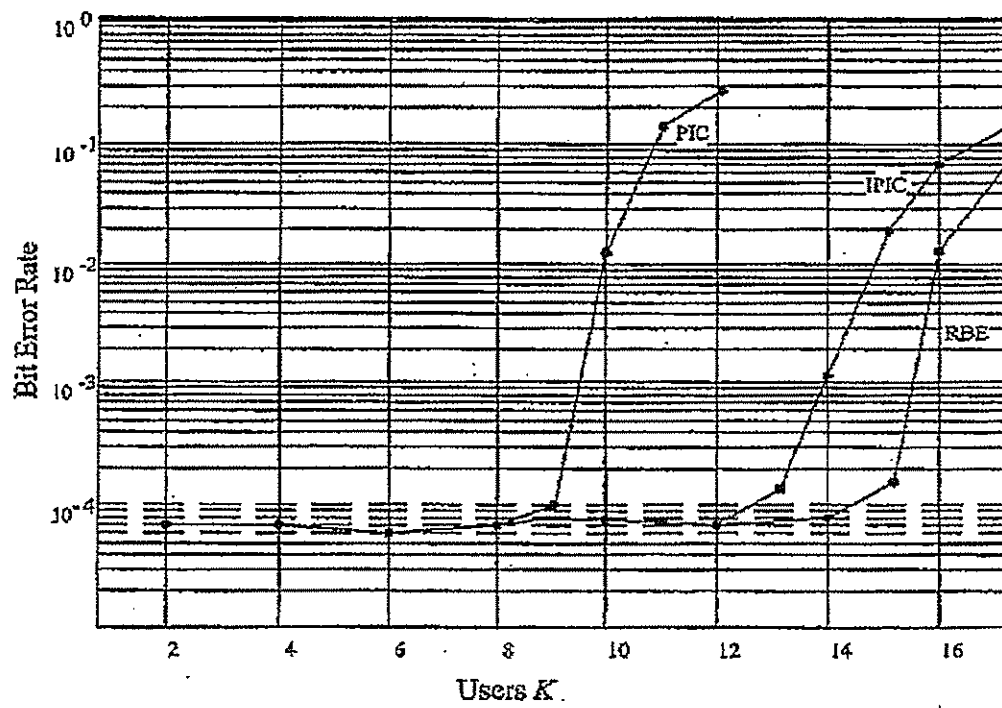


Iterative multiuser decoder with linear multiuser estimation
Figure 7



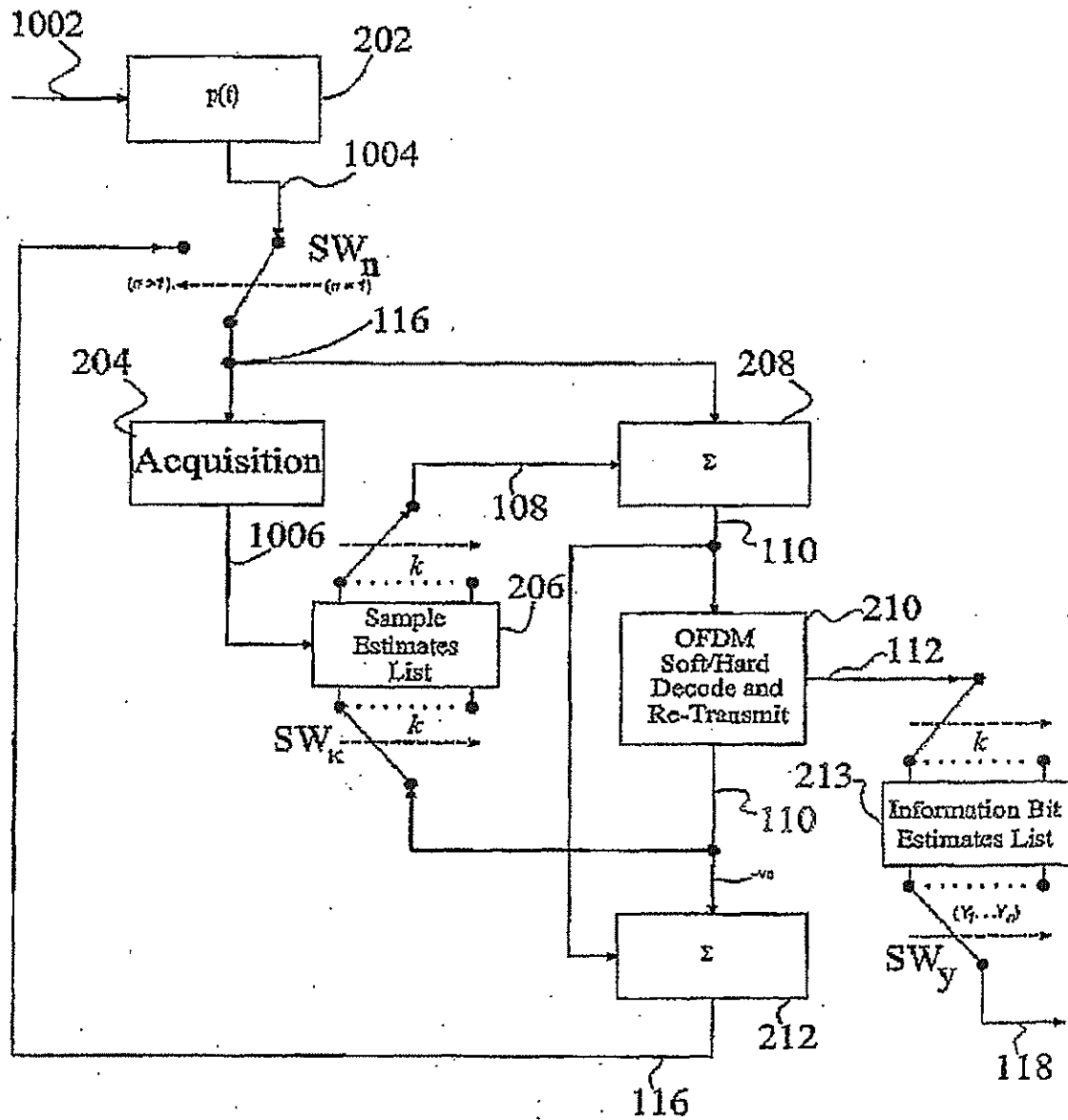
The recursive filter $A_k^{(n)}$ For $(n=1)$ the input signal is r while for $n \geq 2$ the input signal is $\hat{x}_k^{(n-1)}$

Figure 8



BER versus users after 10 iterations, $N=8$, $E_b/N_0=5$ dB

Figure 9



Iterative Interference Canceling Receiver Structure

Figure 11

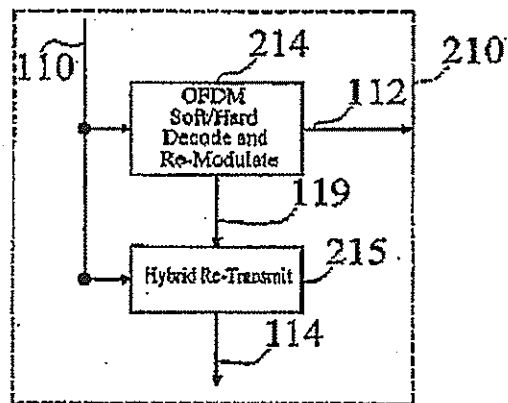


Figure 12

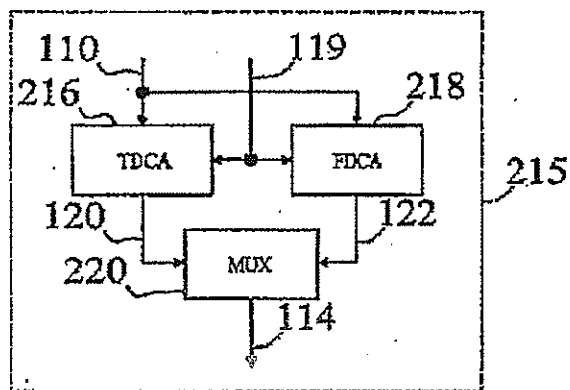


Figure 13

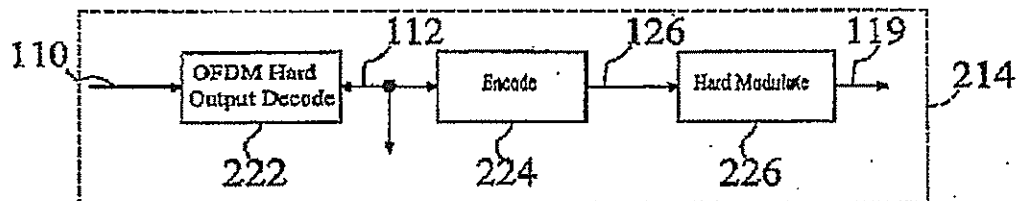


Figure 14

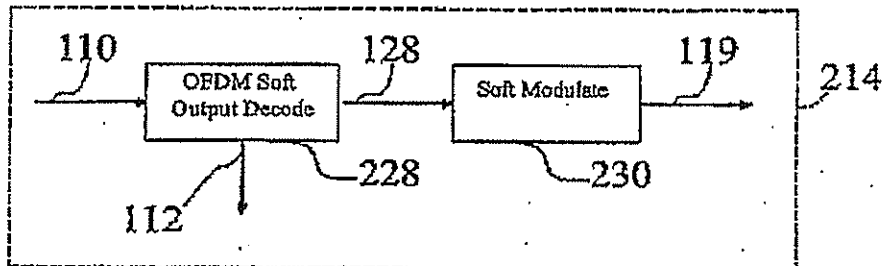


Figure 15

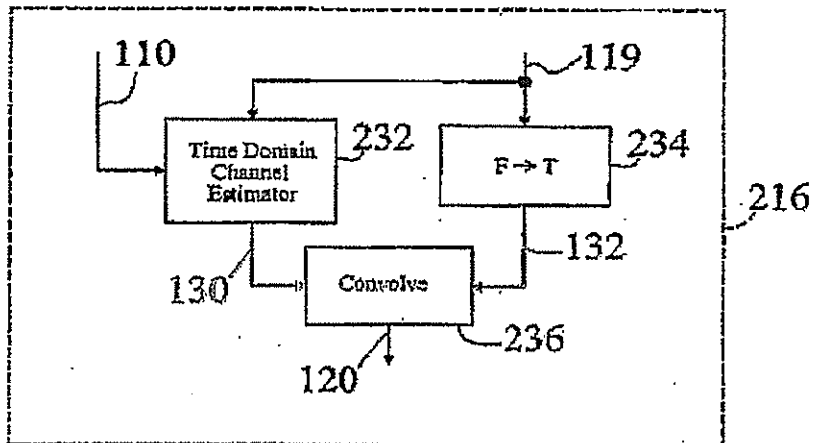


Figure 16

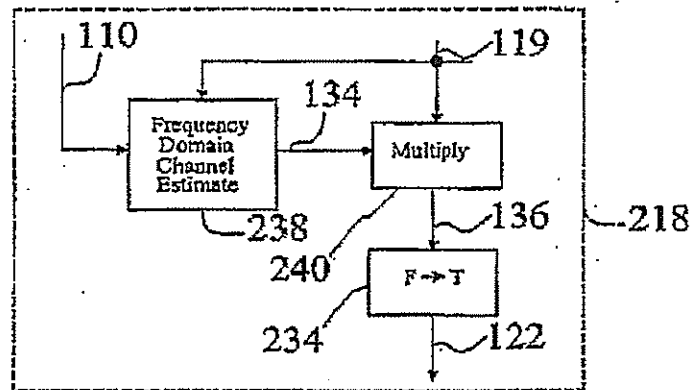


Figure 17

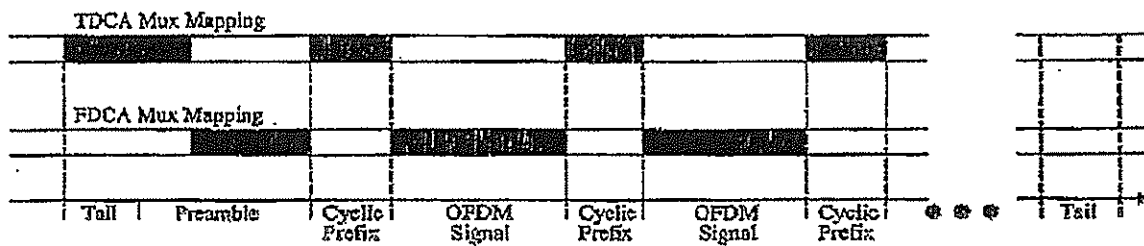


Figure 18

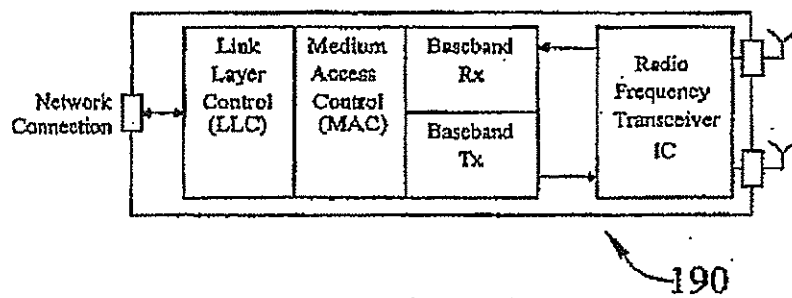


Figure 19a

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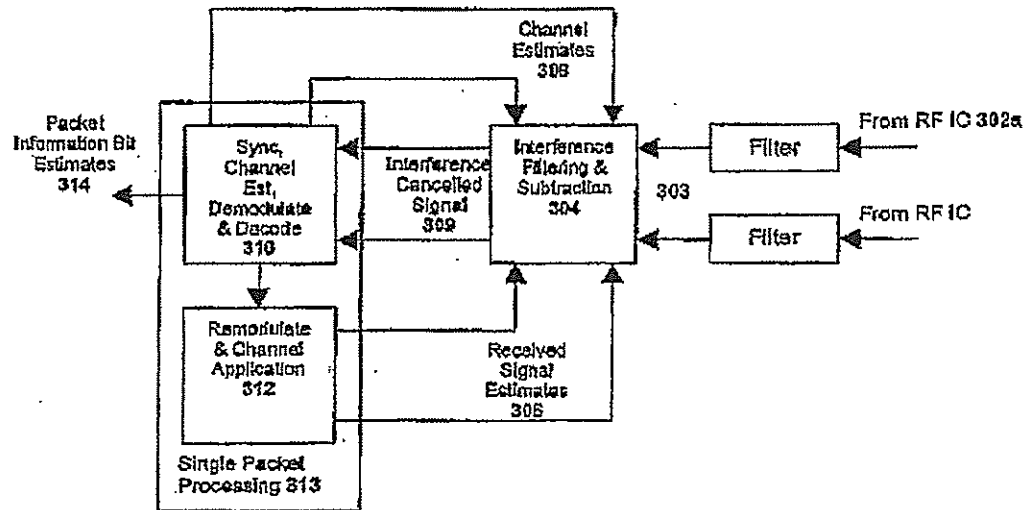


Figure 19b

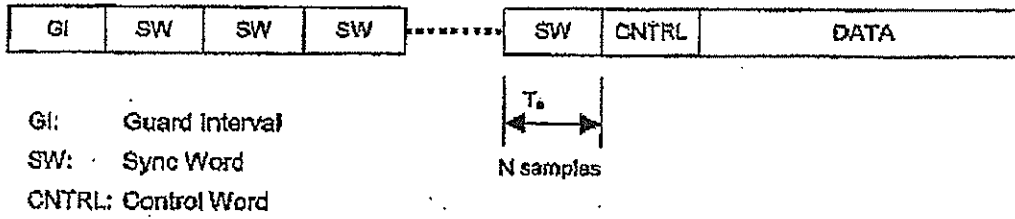


Figure 20

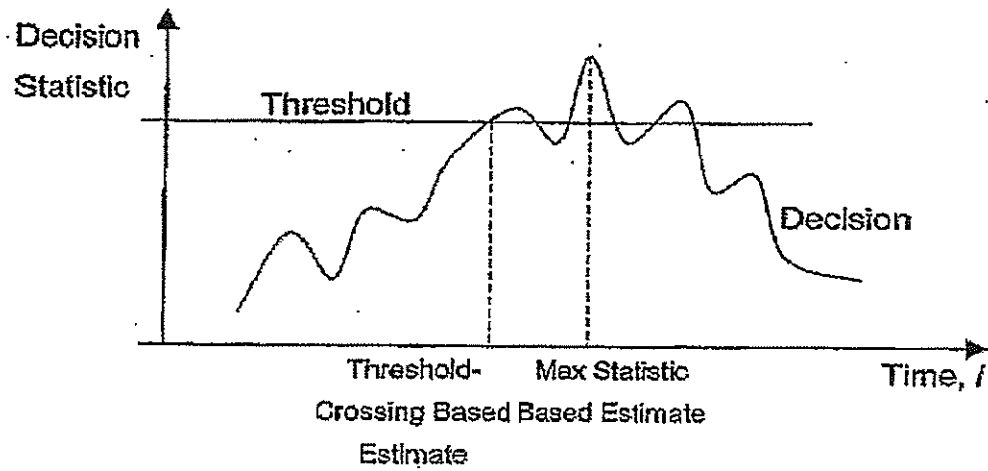


Figure 21

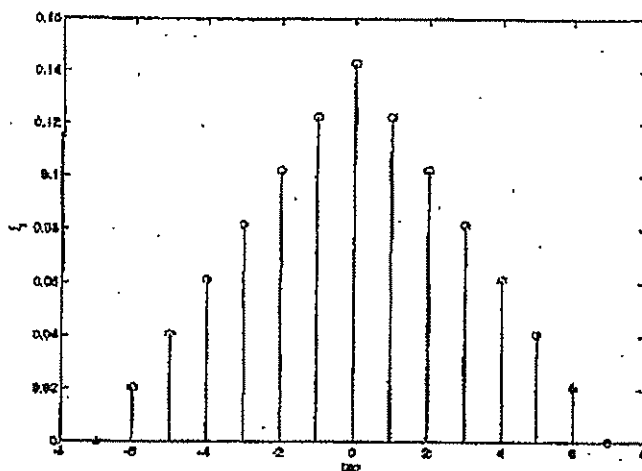


Figure 22

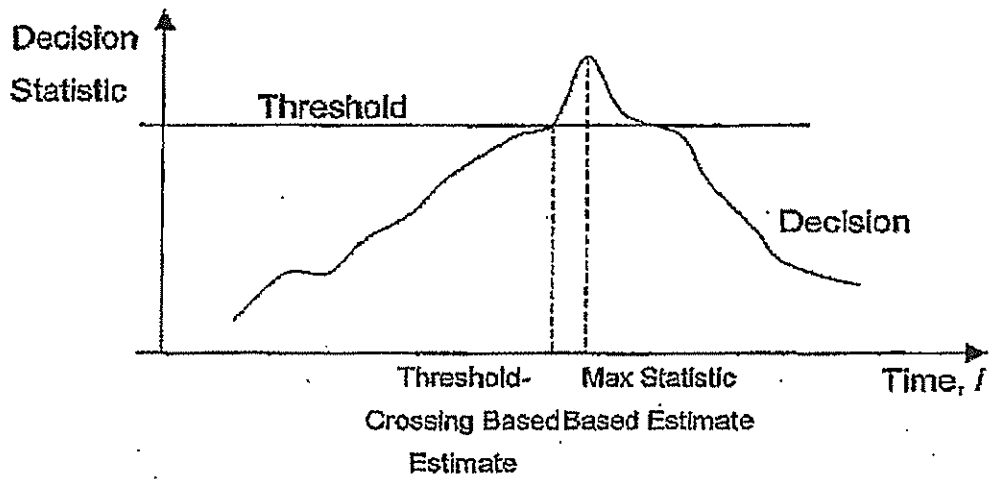


Figure 23

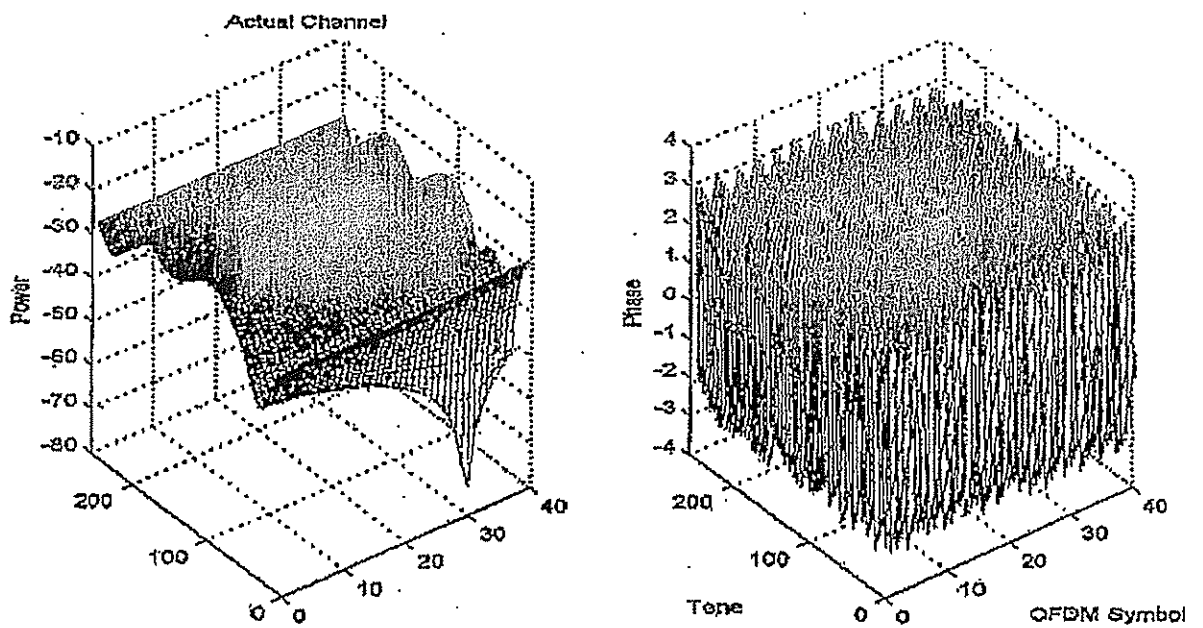


Figure 24

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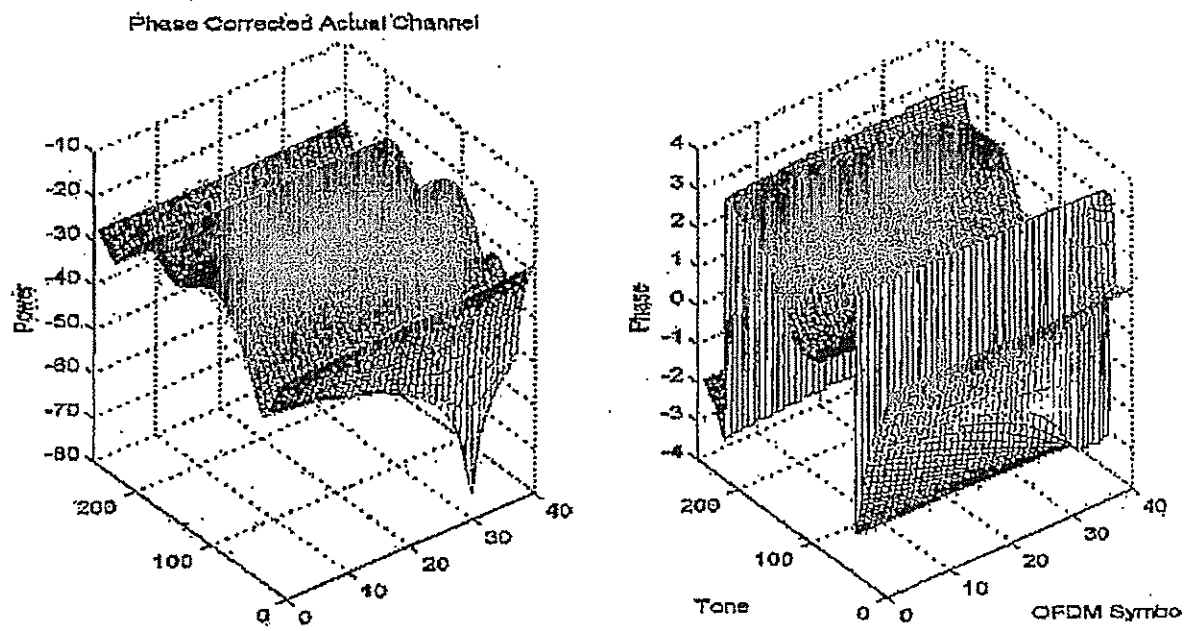


Figure 25

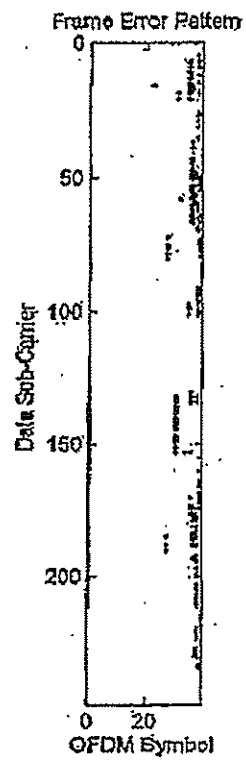


Figure 26

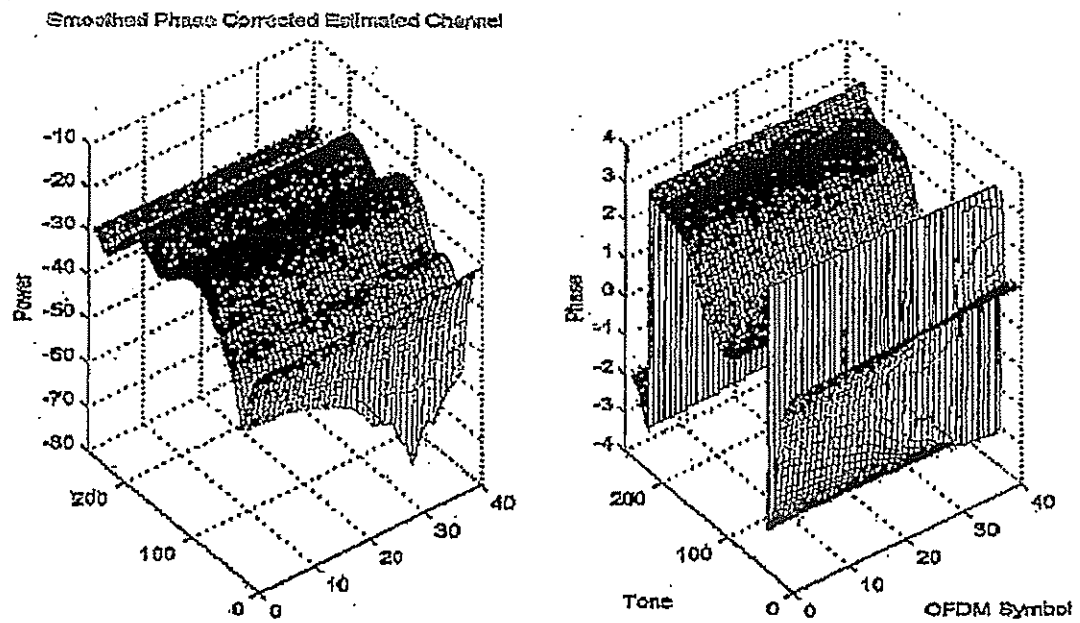


Figure 27

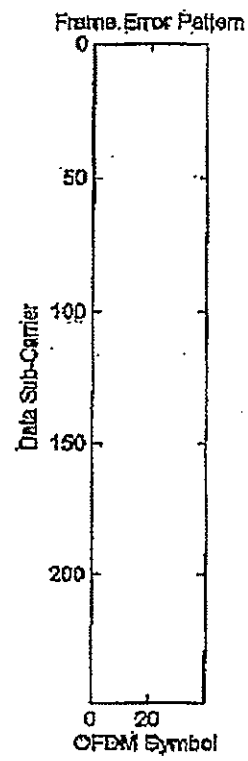


Figure 28

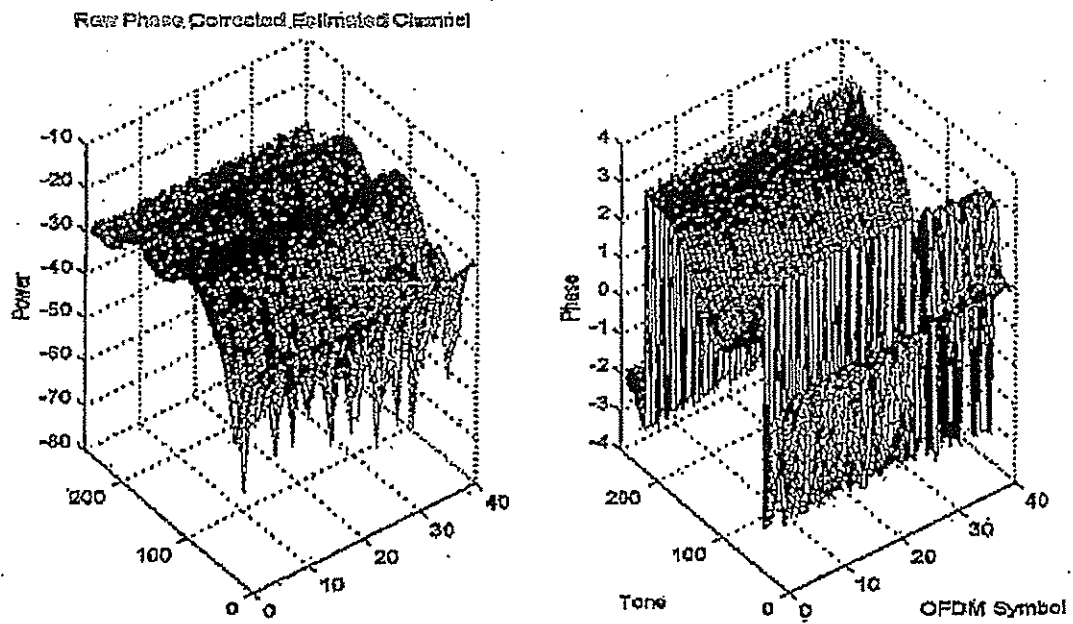


Figure 29

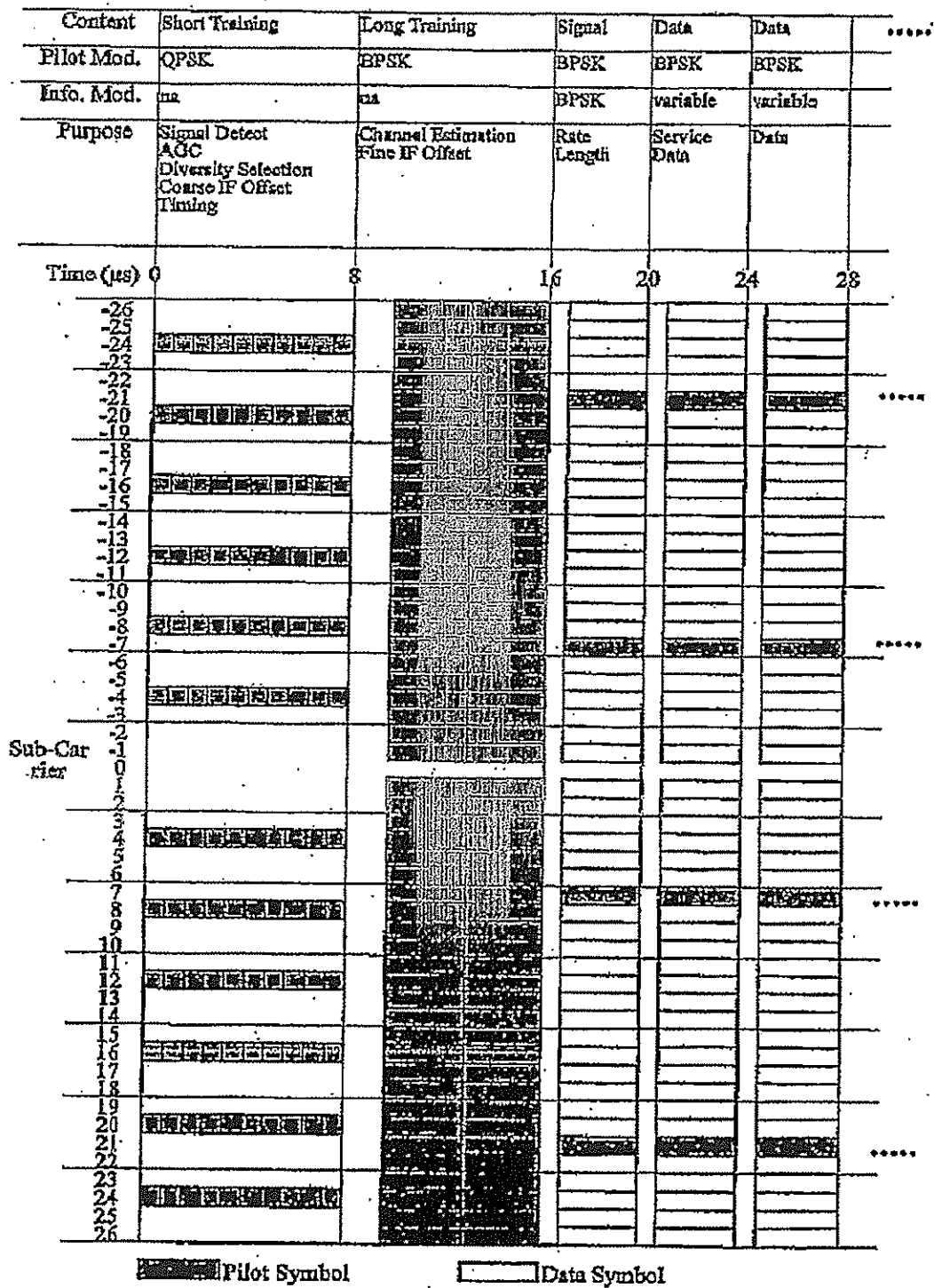


Figure 30

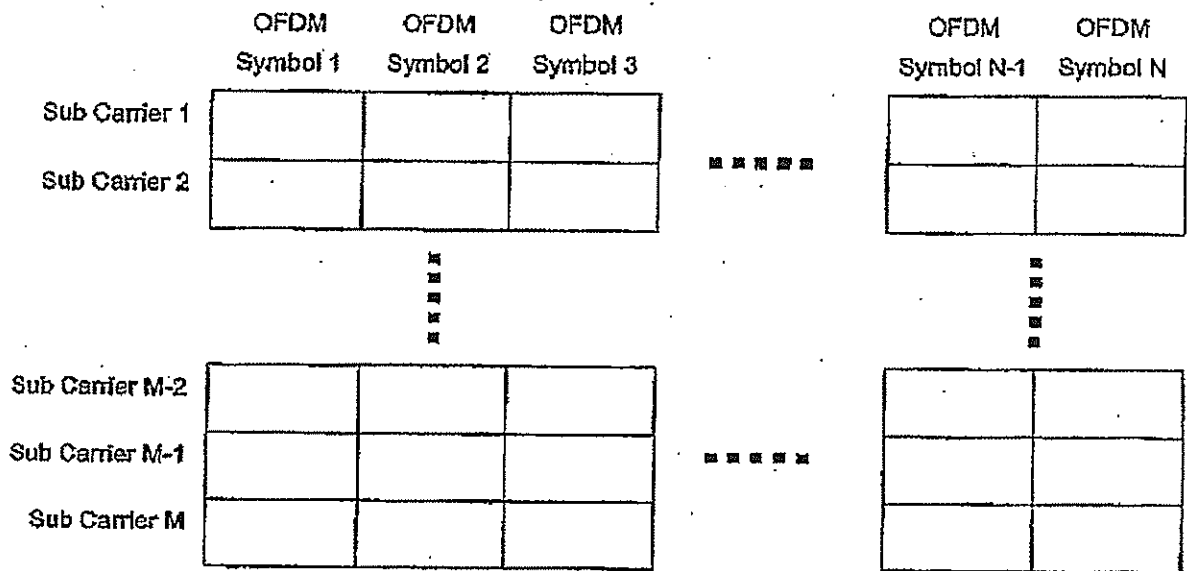


Figure 31

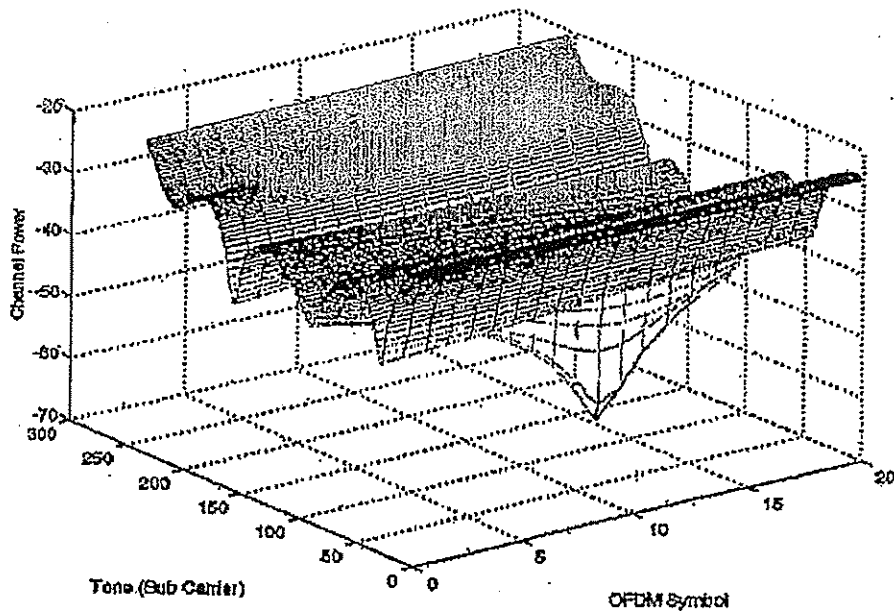


Figure 32

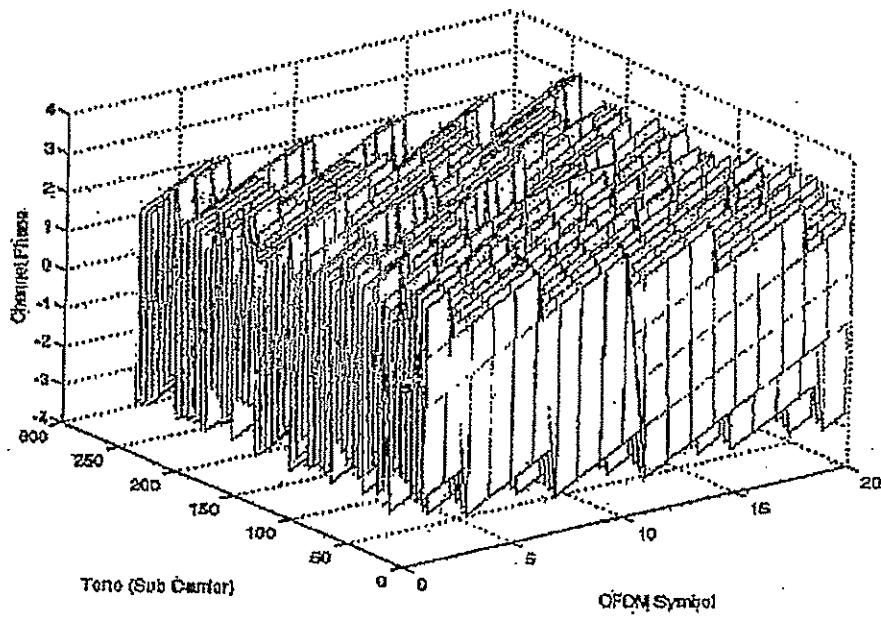


Figure 33

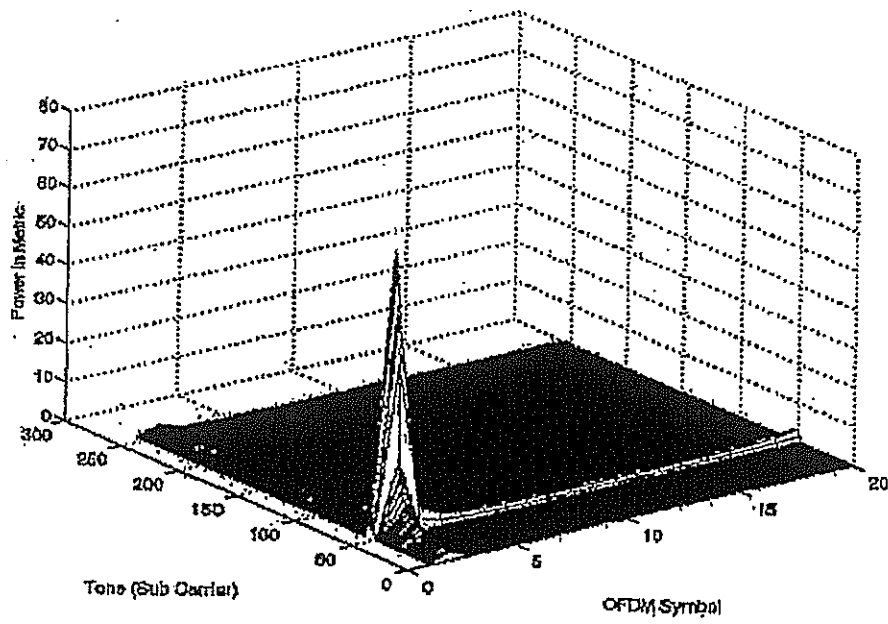


Figure 34