P21 (0006

PAGE NO.

Prentin 3

N= 6

Signal 10 Infertence ration 5 = 15 dB

if K=4 this

9, = (N+5)1/K

= (6 × 15) 14 = (90) 14 ~ 3.04 For K=3

92 = (NXS) 1/K
= (6X15) 1/3
= 4.48

now

we know for &

9 = 53N

50,

 $N_{1} = 9_{1}^{2}$

 $\frac{4}{3}N_2 = \frac{9^2}{3}$

= (3.08)3

= (4.48)2

= 3,16

- 6.69

~ 04

~ B7