Power has nutted = 200

Traduuttion furguary =
$$5.8 \text{ GHz} = f$$

$$d = c/f = \frac{3\times10^9}{5.8\times10^9} = 0.05172 \text{ m}$$

P. for a subjable communication link depends supon a lot of factor like emmioremental factor, type of modulation und.

For comboura based communication system the most common technique used is QAH (Qualiaburi Amplitude modulation) the following calculations are done by this batin.

There are is schemed in QAM

$$\Rightarrow 2-9AH$$
 $\Rightarrow 10-9 = 8-10d6$
 $\Rightarrow 18-92-16 = 8-10d6$
 $\Rightarrow 18-92-16 = 90$
 $\Rightarrow 18-92-16 = 90$

2-9AH

2-9AH

9NR = 9 dB

9dB = 10 log (Po) > 0.9 = log 10 (P./N)

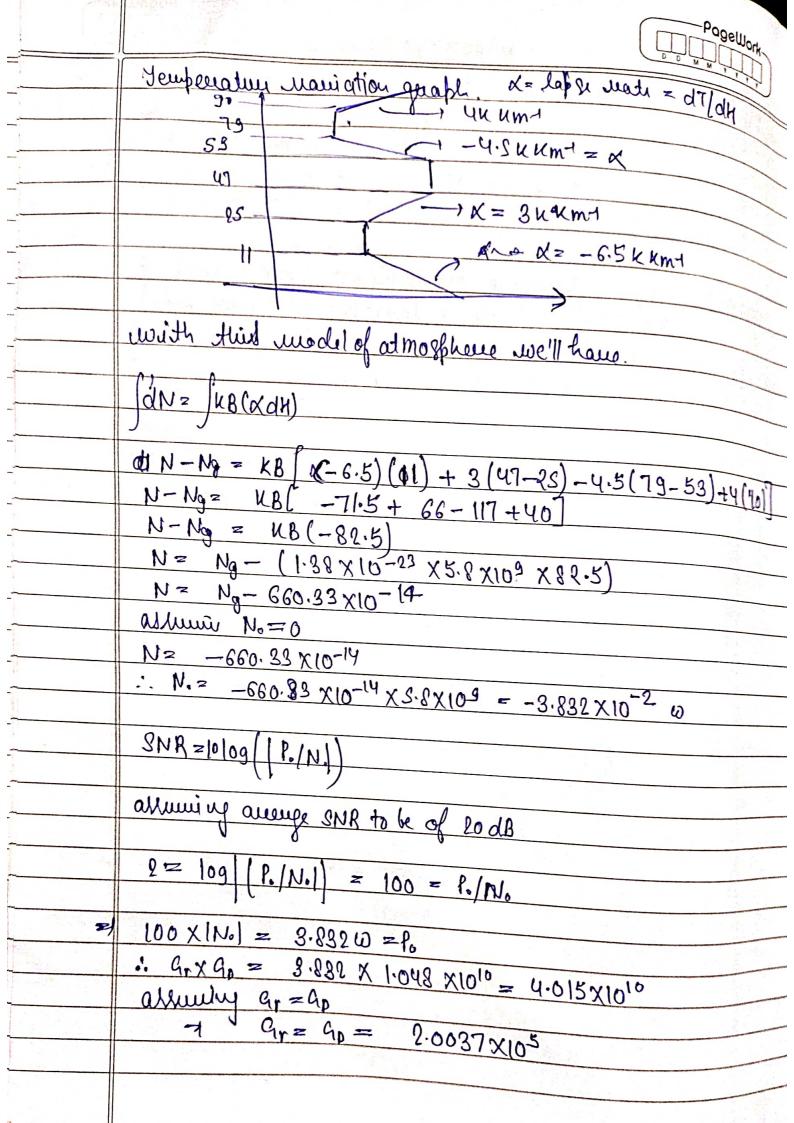
now N can be estimated as N = KXTXB + bandwidth of the necessary
Now denity

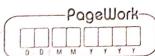
boltyman's temperature

Courtant in K

Now the larpenature will land to many from 0 to 100 Km

Jan = JKB dT





* ~=	O D W W A A A A
	9r= 9p (JudB) = 10 log10 (2 x 105)
	= 10 [5+0.3]
	Ka dai
	ar and an may not be necessarily equal though
	1 John Bolls and
	- 1-1-3 /11 24-AH = OBIT
	18 (11682 - 14) (44-70)
	1-1124-0817 = 9881 - (8-17-14)1
=	30 30
	1.196 - (111)
	76
	101 m
	UR IN THE TANK
1	-1) (*NEOSI) = \$35 John (#F-1) 3 /
	TANK TO THE PARTY OF THE PARTY
	(2-11/44=031) = 101-1014
	P(En) P(2885) - P(801-10880) (21-4: M-T) (3) 4- 11 (4) - 15
4 036	(21) 28-10% = (101-1011) 36 918 0=311 - 445-18 + 08-1
,	
	2000011100005 godall-172 - 100005 g
	V. 34 P. 25 (2) 1 25 (2) C. 1
Mrs.	1-0
	In a deligned to the second se
1 April 19	

MARKET ANALYSIS



		The state of the s		
	Following antenna can be used for receiver and luce			
	suspectively	ma can be used for necessar and brownly		
	J			
	ar	Cop		
·In	itelliah V240 H	1) Rocket - Digh 1 RD-5934		
	Antenna.			
. 6	Ö			
		2) Hicrotik man T30 PA antenna		
	Katherein Hobels	3) Cambium notingubl uso: 1:0		
- LCO	mmunication	3) Cambium networks 450 i dish anternal A) NP peut aurauce annal		
· Adu	unchtech inwell	The result of the state of the		
· 1/1	obal invacom	Rodiculand I Artennal		
que	Jub VSAT antenna	Jacob Company		
- 2	wed.	7) Laird connectuity antenna.		
• 90	neual dynamic			
TAB	renal dynamic Com Sevies ante			
-Y	inas.			
• 00	obham SATCOH			
3	evies.			
		The same of the sa		
	N. 1			
	, In price non	l of traduitti		
TANA San	must si perior of stracturitting arbanal is from equipment surprised for deployment.			
	equipment sequired for at I sepon larry and other			
	376984 48	42 aBi selaus milled andrews is full		
		V		

PageWork Y Y Y Y Y

HARKET RESEARCH when it comes to gramed station automing given the high gain malus the measure for actuarity metable linkage their fuices will be higher than that of brank mitting antenna.

The purice many can be from \$\frac{1}{2}\text{80,000} to \$\frac{1}{2}\text{50,000} and higher, but the purice will many accounding to the gain many of their automa twill be \$\frac{1}{3}0-70 dBi. Lightly gain as companied to locket boild on i e The tellion voto H - 50 dRi ('[v galv) onnethno