Федеральное государственное бюджетное образовательное учреждение высшего образования

«Сибирский государственный университет телекоммуникаций и информатики»

Практика

 $\langle\langle BER \rangle\rangle$

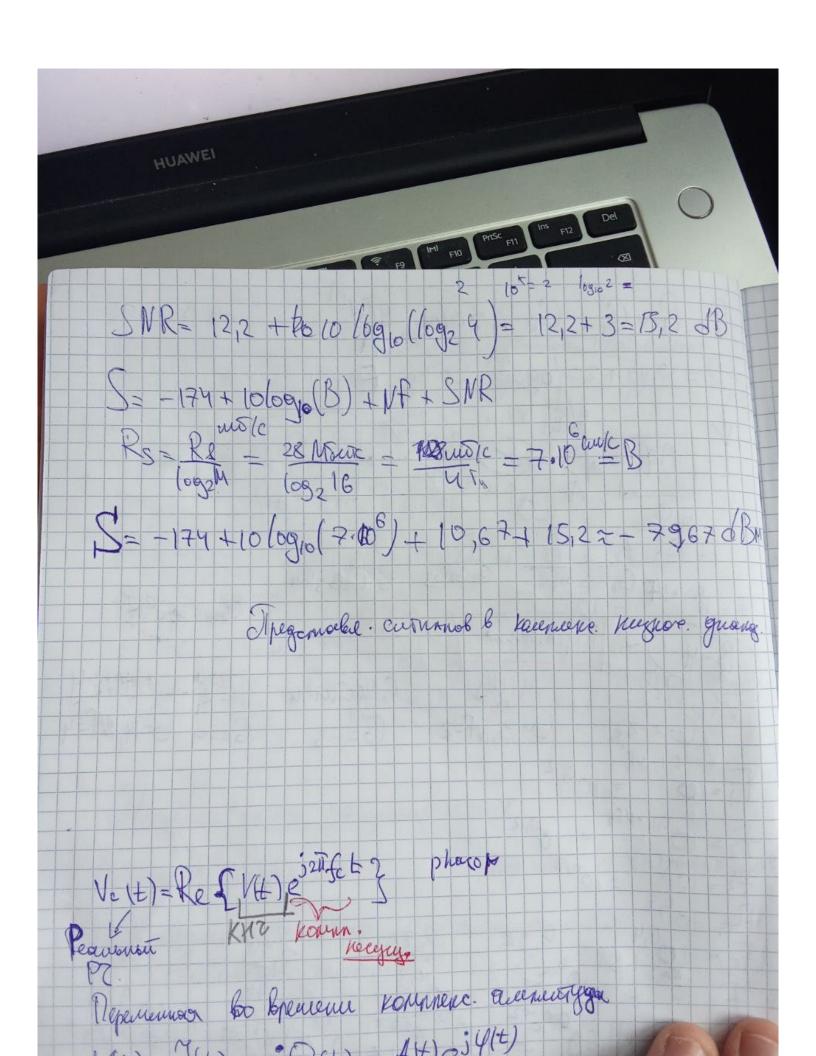
Выполнил: Шаповал Н.О. Группа: ИА-232

Проверил(а): Калачиков А.А

+6++ GR -20/0910 417d P=32,44 +20 logical +20 logic F 10/090 THE MULLY CALCETURENTE PER YNKY

G=-25 G=-3 G=-4 G=14 NF=4

T=10 = 100,2 92 M) F3 = 10° = 10°,3 Fy= 10°,4 Fy= 10°,4 F= 10° nob 10 -1 + 10 -1 10 -1 + 10 -1 10 0 0 1 1 1 69) = 10 67 nih Jo-no Ceethana no Grose npueumuna SNRout-? SNR= Fo Fb + cologio (tog2m)



(25-55+26, 16-logic (d) - (3.83/by (d har)+(419) N3 Pr = Pt + Gt + Gr G= 7 dB; 24 ghy 1) et, = (1.11/09,10(f)-0.7)-has - (1.56 · log, 0(f)-08)= 22354 P4(d) = 6955+26.16/0910(f)-13.63 = +327 12504 90 K=1.38.10 23 Ax/k No= 47 (=== 2 JBi hbs=30m 1m5=2m No=4.00221021 Billy = 900 My 1 = = b × No x R = 16.6 x 4.00 2 10 + 28 x 16 = 1.86 x 10 b Magain morep-XA+ Pr = 10/00/0 (1.86.10) = - 87.3 y BM 100 = (B Olymin y Pt=Pr-Gt-Gr+PUd) -- 89.3-7-2+125.64=28-24 gbm 2) BER 103, Eo/No ≈ 10.5 gb (11,22) Pr=11.22 × 4002 × 10° 28.10° = 125.10° Br Pr=10 log 10 1 103 /= 89g By DP= 35g bm d-max-9 BER=103 P(18)= 13 + GE + Gr - P(1d) 3)12=35 abm NDS = 30 M 2=60M -89 = 35+7 +2 - (69.55+2616-lega (300)-13.83.loga (30) BER=10 1-max-7 1 10 (d)=69.55+26.16. 2954-13.83.1472-1.34=1057 1646 F 22.0,7 75 d=16 1 = 5. 96 km P= -87:3, 6m Plld 2 72+6+ + Gr - 18054+23 1218)= 35+7+2-(-87-3)= 131.3 gb Photo Pld)=6.9,55+26,16(6416(f)-13.83-10410 bBs/+144.9)
-6.55(696(hbs/10910(d)-6),313
-6.55(696(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(hbs/10910(d)-6),616(

