Table 27 - I-V requirements for differential impedance, common mode impedance, and V_{BIAS} tests

Values (see figure 45)	Differential impedance and V _{BIAS} tests ^a (see figure 44)	Common mode impedance and V _{BIAS} tests (see figure 46)
V ₁ (mV)	n/a	1125
V ₂ (mV)	n/a	1375
I ₁ (mA)	1,0	n/a
I ₂ (mA)	1,1	n/a
V ₃ (V)	1,0	2,0
V ₄ (V)	-1,0	0,5
I _{MAX} (mA)	9,00 ^d	N/A
I _{MIN} (mA)	-11,25 ^d	N/A
S ₁ (Ω)	50 to 125 ^b	75 to 100 ^c
$S_2(\Omega)$	60 to 135 ^b	300 to 400 ^c
Measurement	D.C.	D.C.

 ${}^{a}V_{A} + V_{B} = 2,5 \pm 0,2 V$ (see figure 44)

^b The differential impedances of S₁ and S₂ shall be set to any value from 55 Ω to 130 $\Omega \pm 5 \Omega$. The difference between S₁ and S₂ shall not be greater than 10 Ω across the 27 lines.

The differential impedance shall be set to a nominal of 105 Ω if the system is not a closed system.

^c The common mode S₁ and S₂ impedances change with differential impedance changes such that the nominal S₁ (i.e., 100 Ω) and nominal S₂ (i.e., 110 Ω) differential is an S₁ common mode of 100 Ω and an S₂ common mode of 300 Ω. ^d I_{MAX} and I_{MIN} are measured at the nominal differential impedance where S₁ is 100 Ω and S₂ is 110 Ω.

Note ^b is confusing, the step accuracy is +/- 5 Ω . If a terminator is set to 55 Ω the nominal value is anywhere from 50 to 60 Ω , then all 27 lines of the terminator are within 10 Ω . This means a terminator set to 55 Ω and the nominal is 60 Ω , the lines are from 55 to 65 Ω , if the nominal were 50 Ω the lines are from 45 to 55 Ω .

Editorial; note ^b 130 is in the Symbol Font.