

Annexe 3

simulation

Ampli Yves Cochet Etude de FP1g – FS1g-1

Etude temporelle

signaux impulsionnels

Etude temporelle signaux impulsionnels

(sans charge R_c)

1 Hz – 10 Hz – 20 Hz – 100 Hz – 1000 Hz – 10 kHz – 20 kHz – 100 kHz – 500kHz – 1 MHz

Point de fonctionnement

Calculs

ECC81 1/2 préampli FS1.1g

$U_{ak} = +86,8V$

$U_{gk} = -1,447V$

$I_a = +1,447mA$

(Input G = 0V)

Point de fonctionnement

Prospice 7.05.01 Build 790

ECC81 1/2 préampli FS1.1g

$U_{ak} = +114V$

$U_{gk} = -1,28V$

$I_a = +1,28 mA$

(Input G = 0V)

Point de fonctionnement

Mesures:

ECC81 1/2 préampli FS1.1g

$U_{ak} = +$

$U_{gk} = -$

$I_a = +$

(Input G = 0V)

Datasheet ECC81 (Philips 1969)

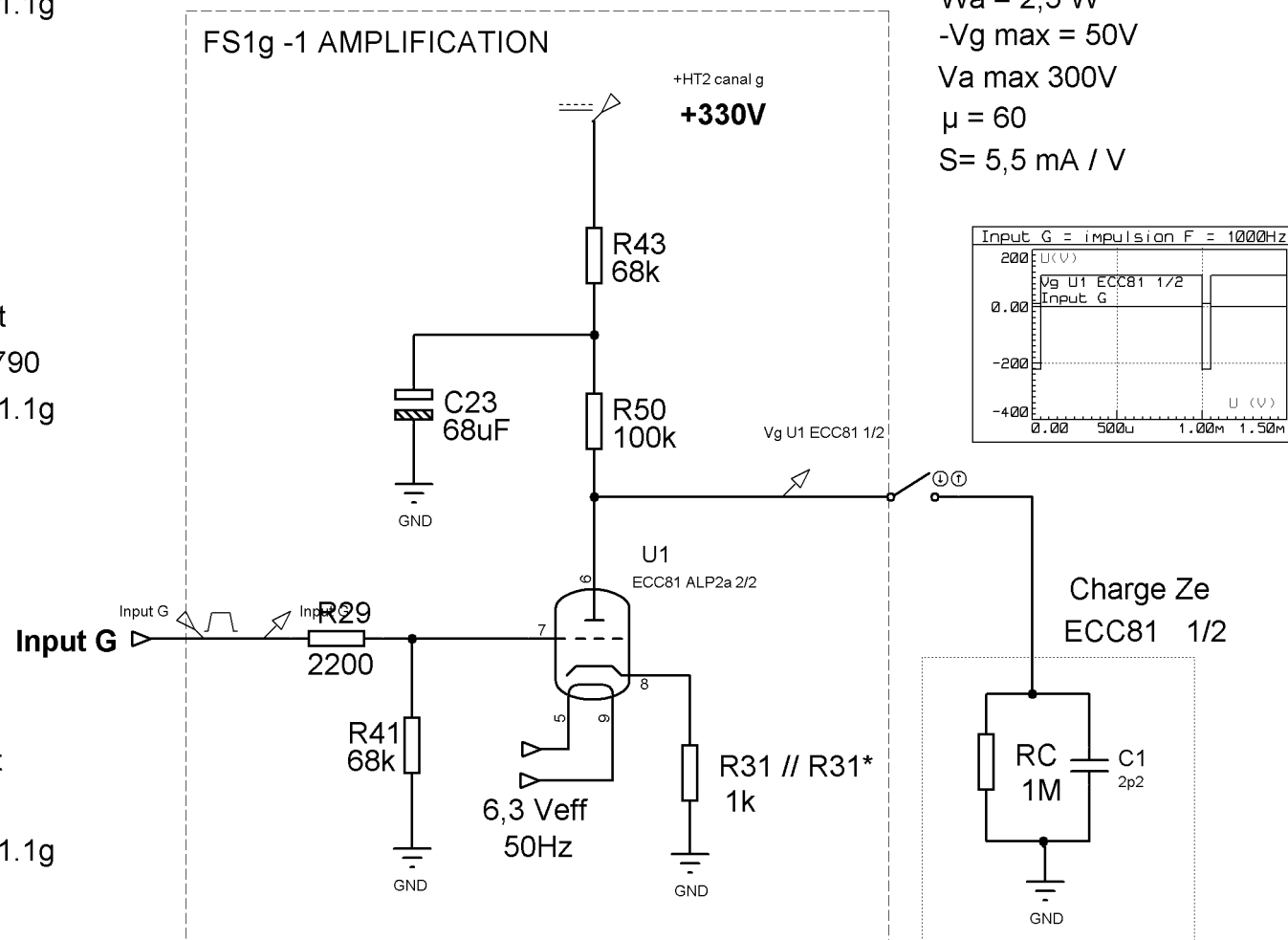
$W_a = 2,5 W$

$-V_g \max = 50V$

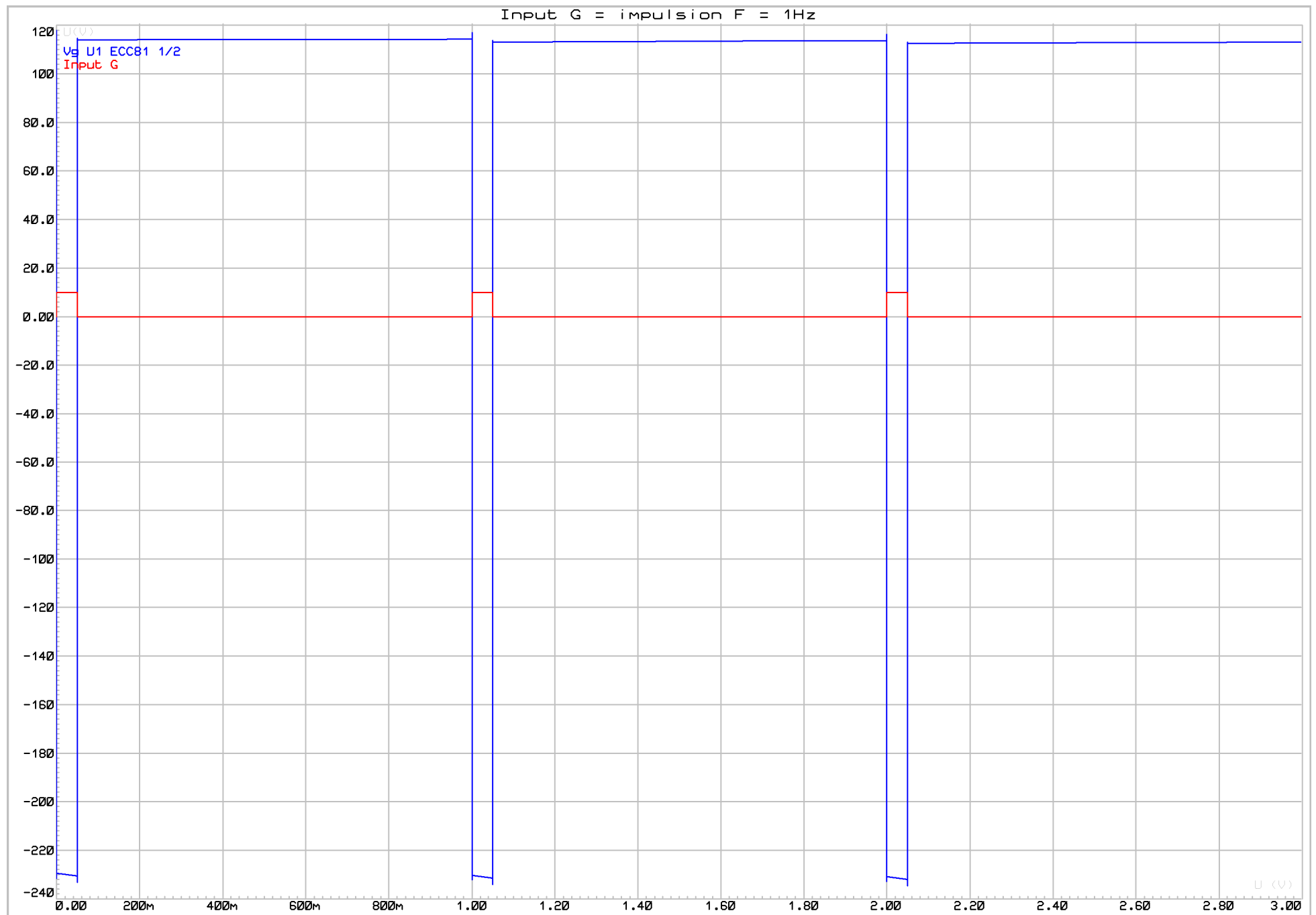
$V_a \max 300V$

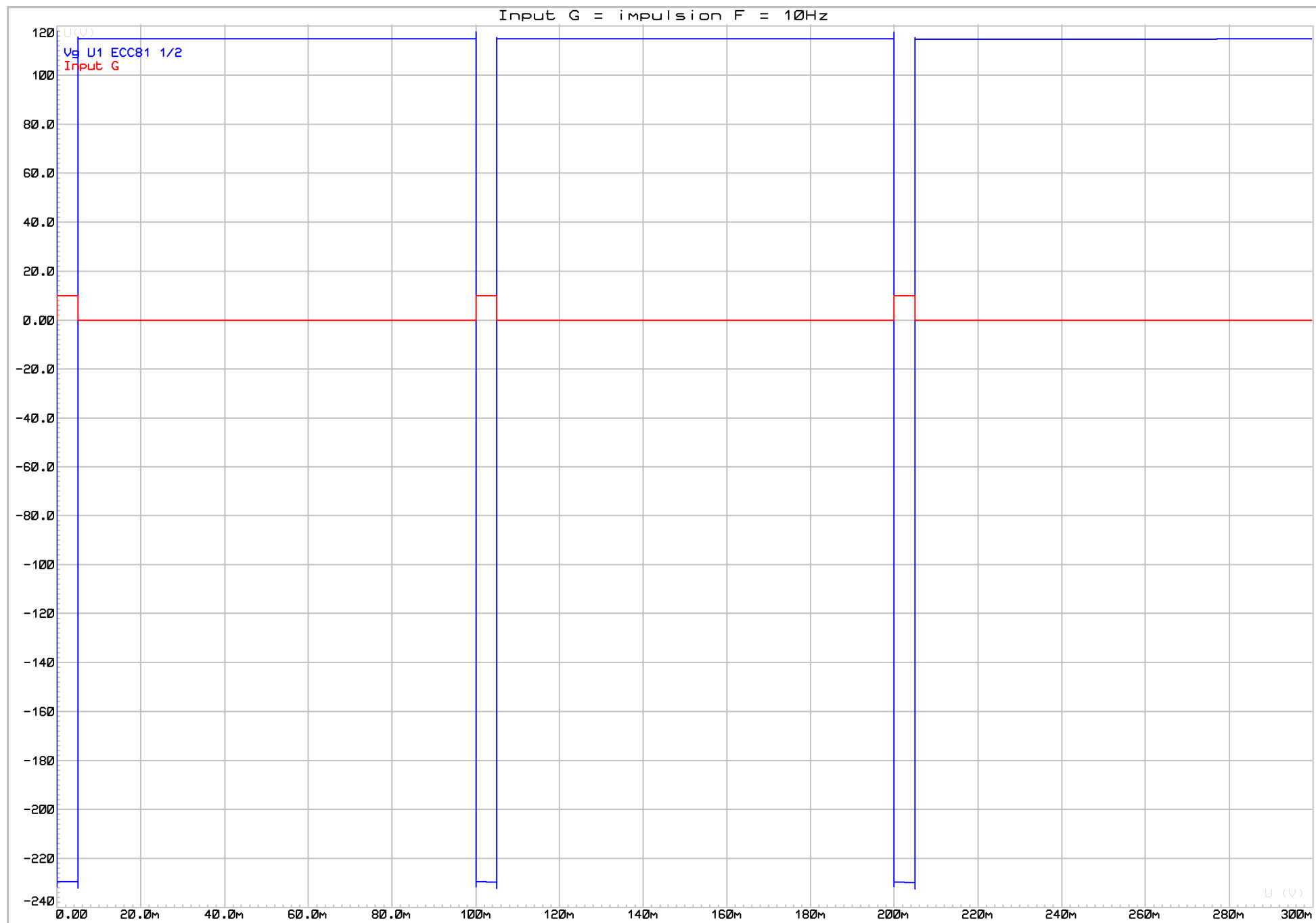
$\mu = 60$

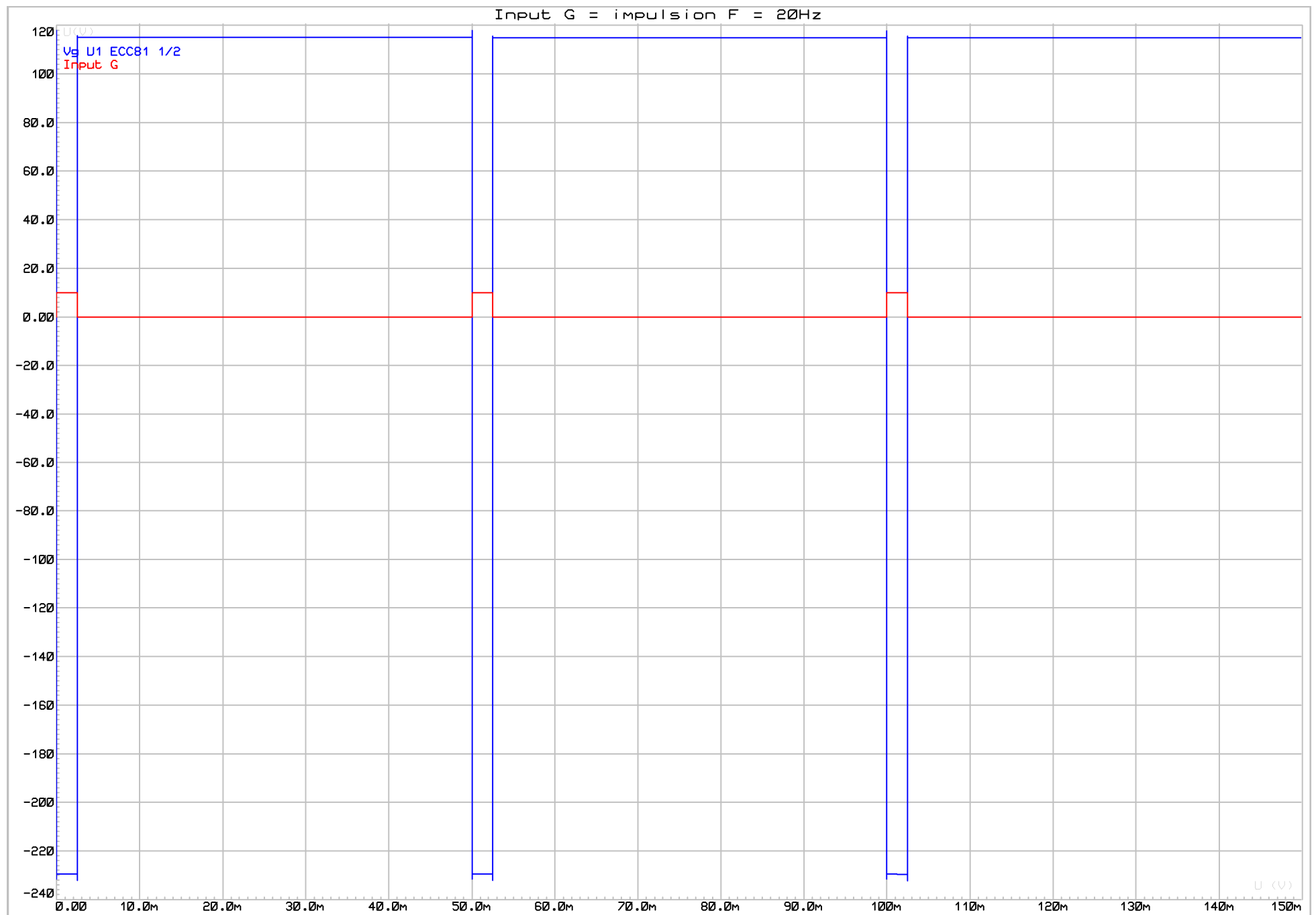
$S = 5,5 mA / V$

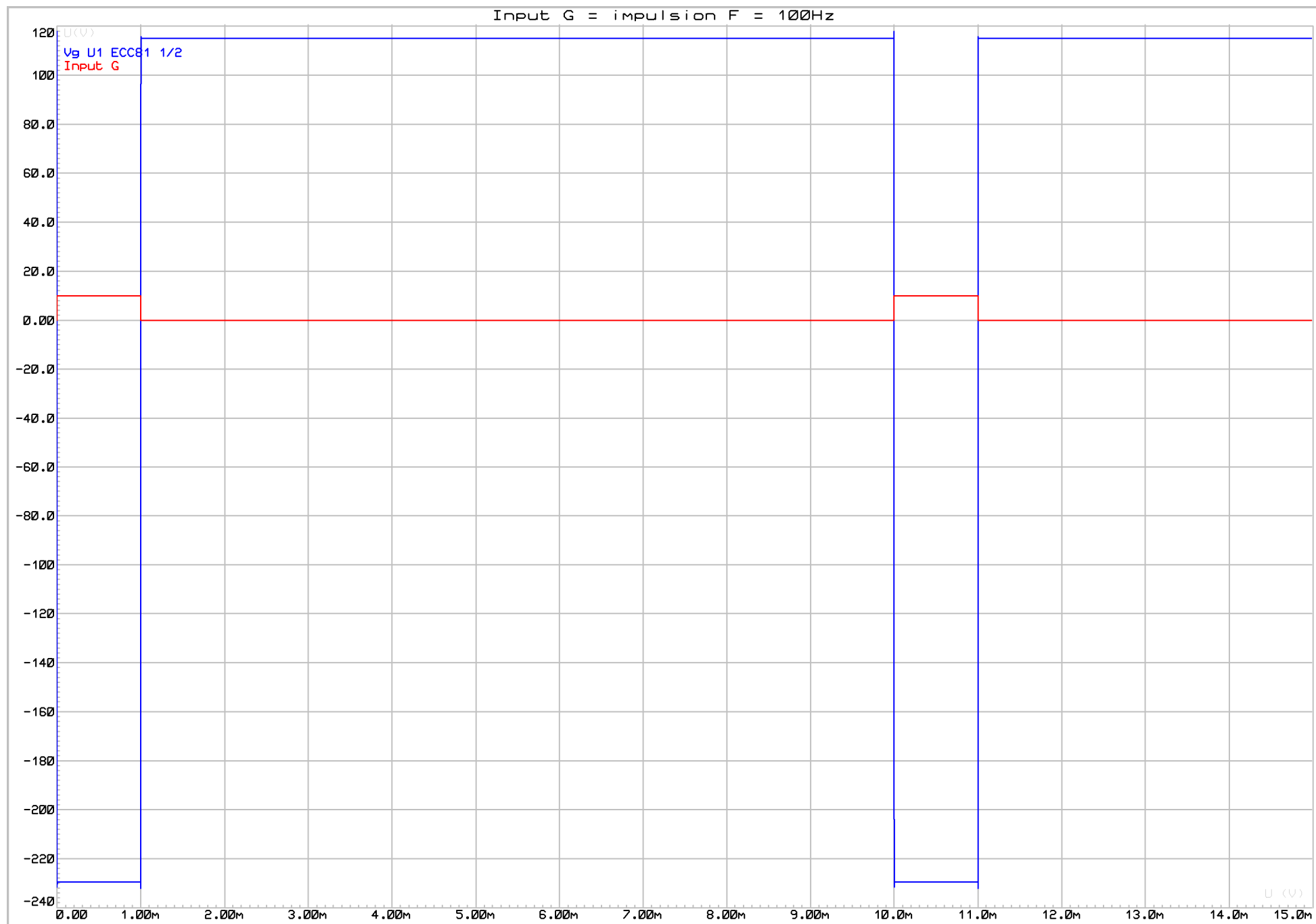


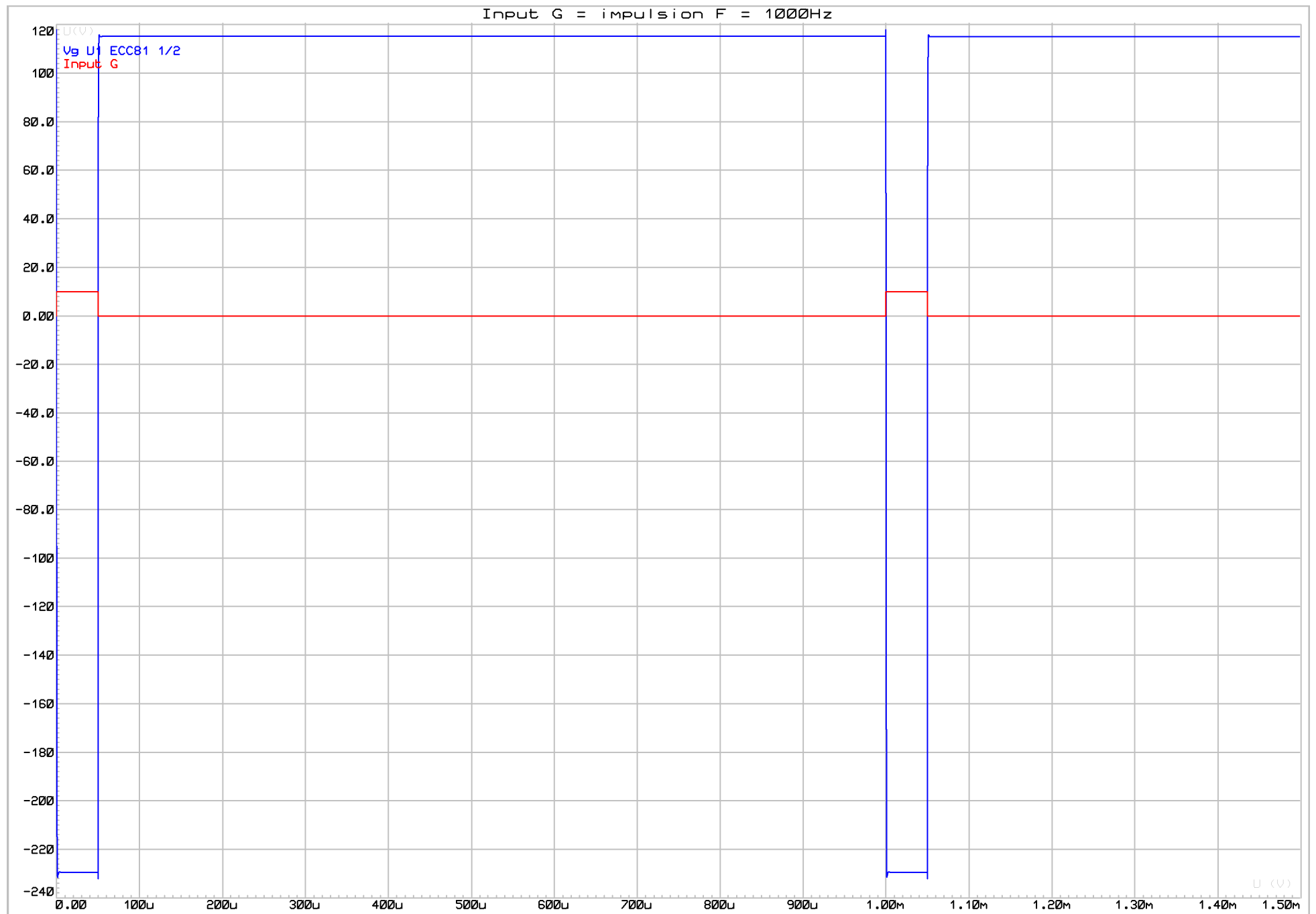
FILE NAME:	Ampli Yves Cochet Etude de FP1 g - FS1.1 générateur d'impulsions avec charge l	DATE:	13/12/2012
DESIGN TITLE:	Ampli Yves COCHET ALP2a	PAGE:	1 of 1
PATH:	FS1g- 1 amplification	TIME:	21:01:36
BY:	Didier VILLERS	REV:	1e



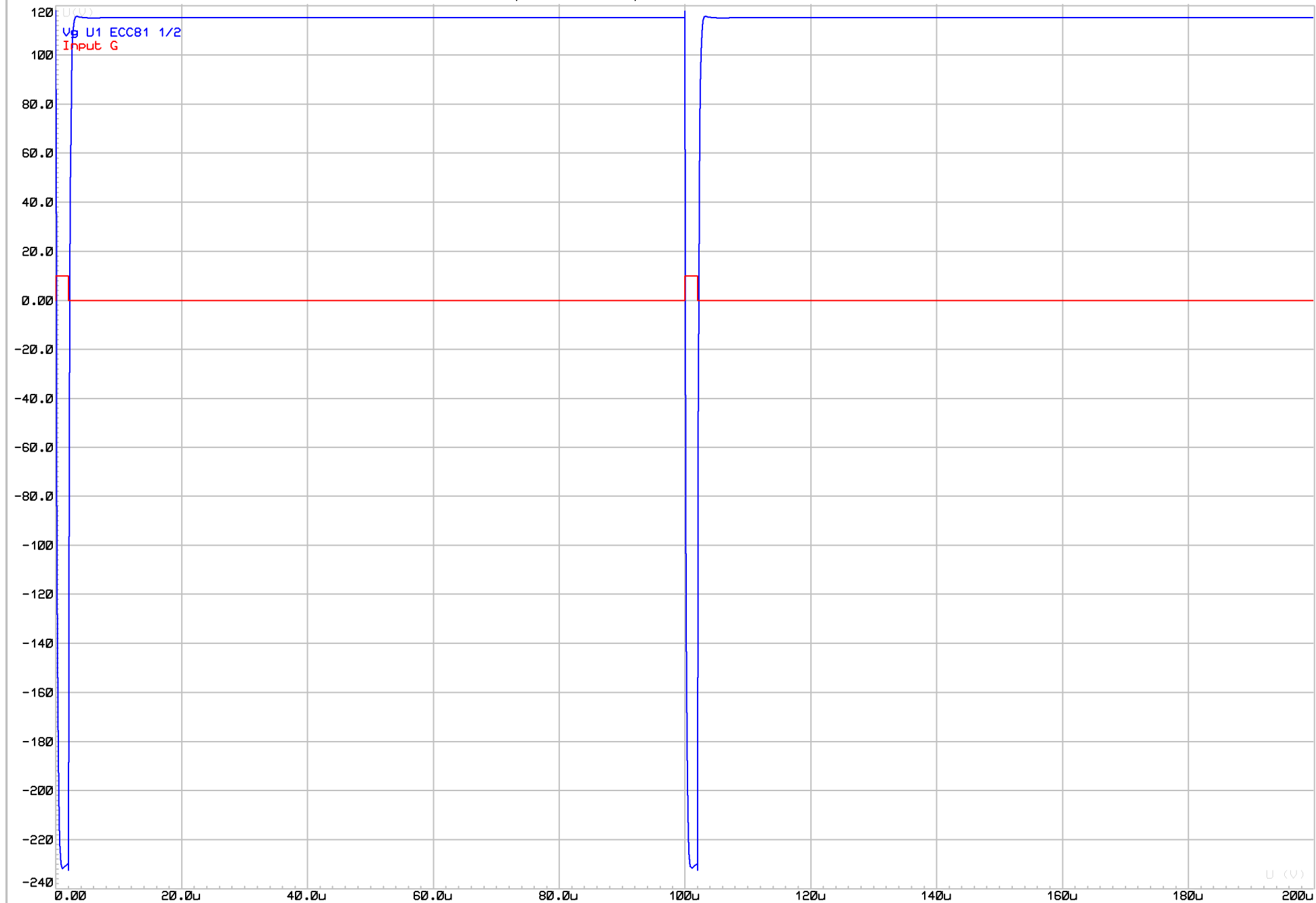


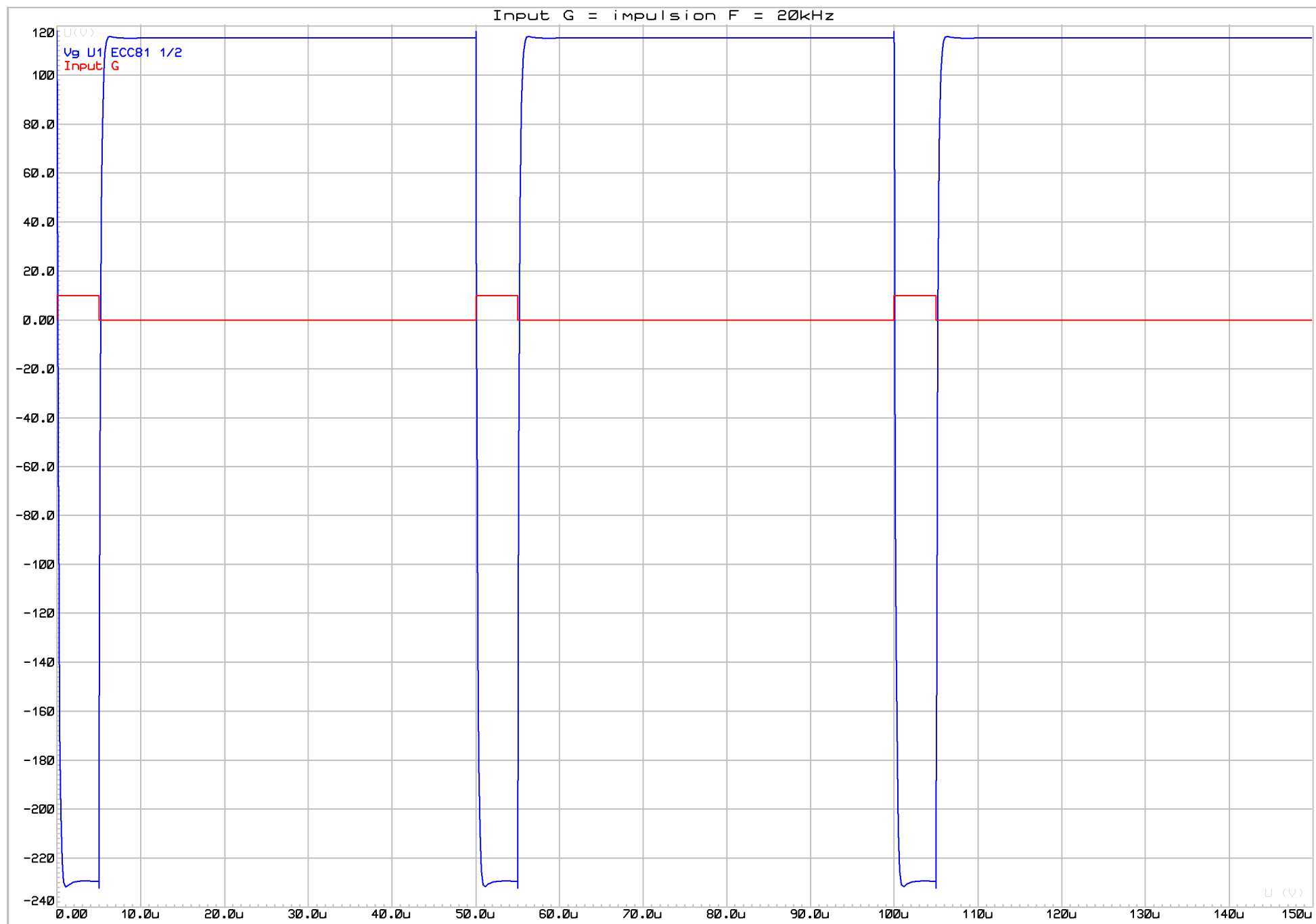


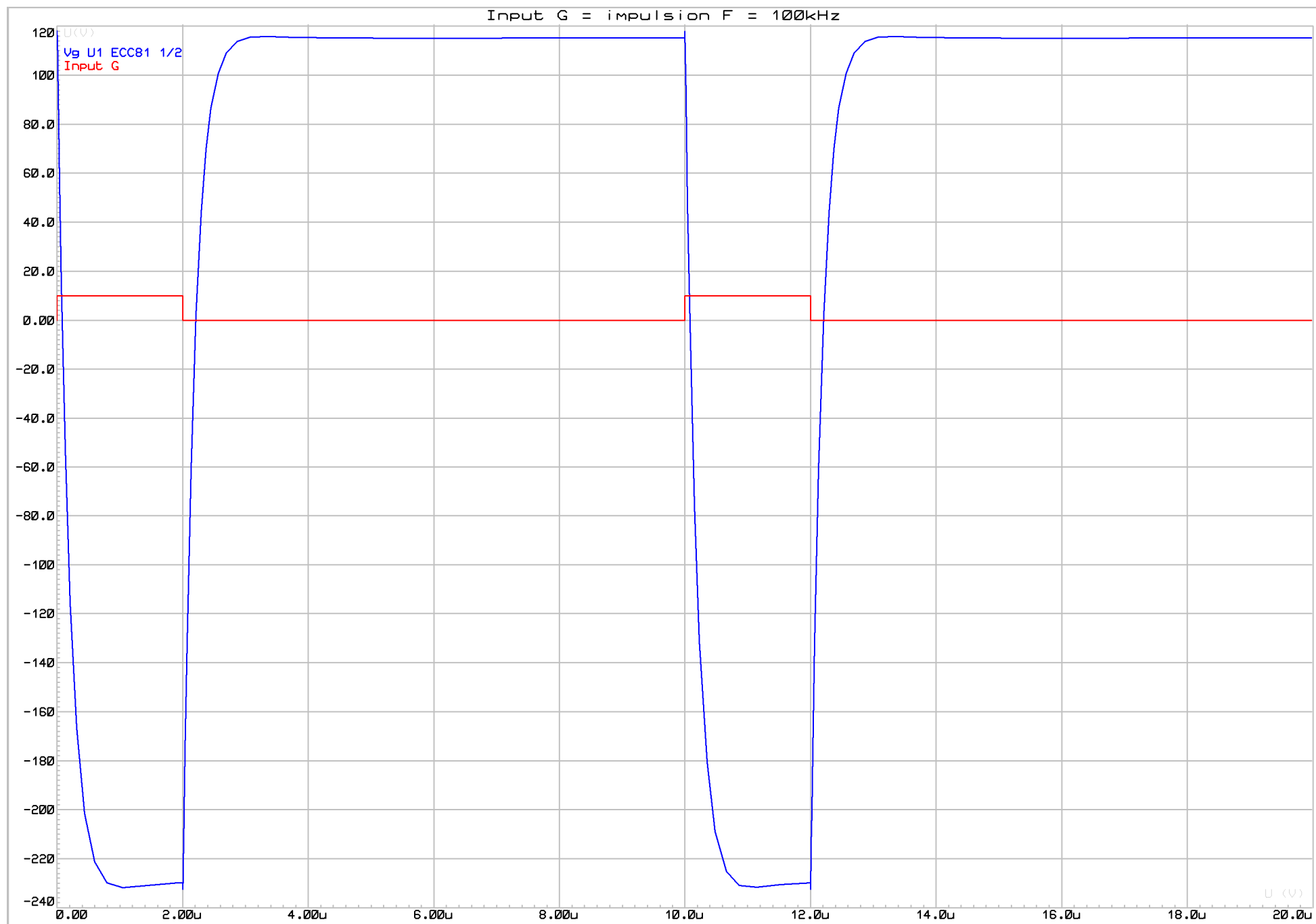


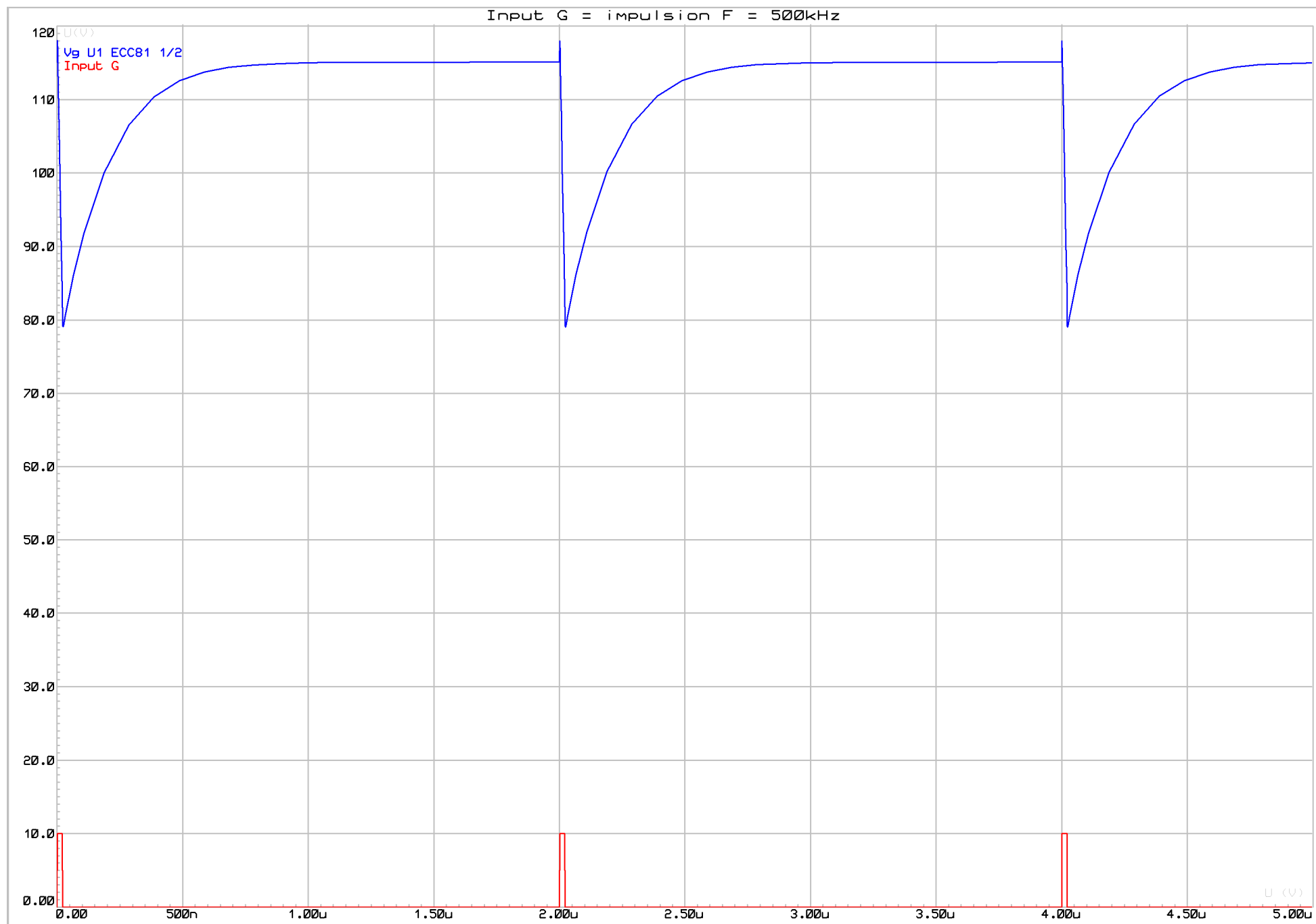


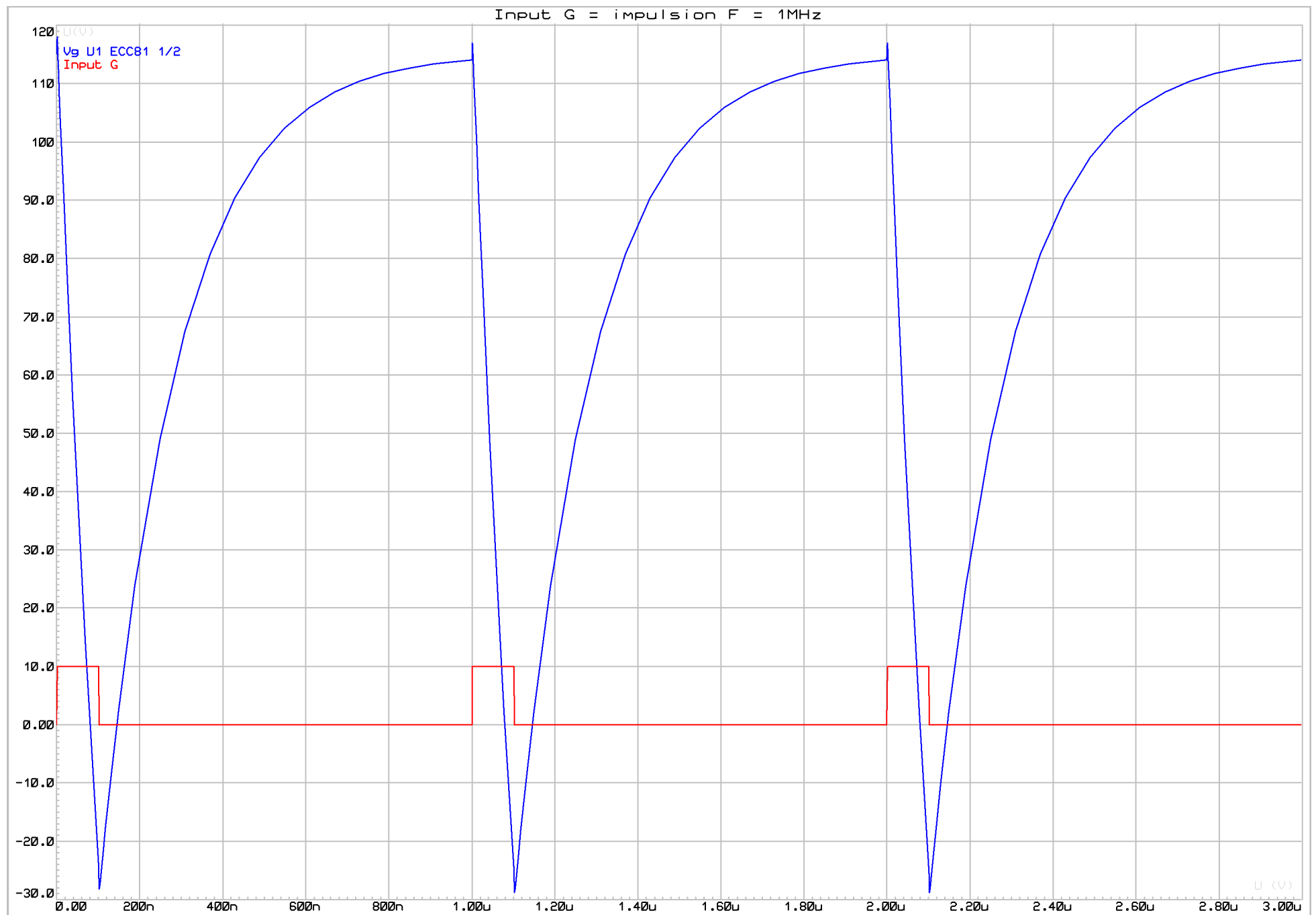
Input G = impulsion F = 10kHz











Etude temporelle signaux impulsionnels

(avec charge R_c)

1 Hz – 10 Hz – 20 Hz – 100 Hz – 1000 Hz – 10 kHz – 20 kHz – 100 kHz – 500kHz – 1 MHz

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Point de fonctionnement

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(Input G = 0V)

Datasheet ECC81 (Philips 1969)

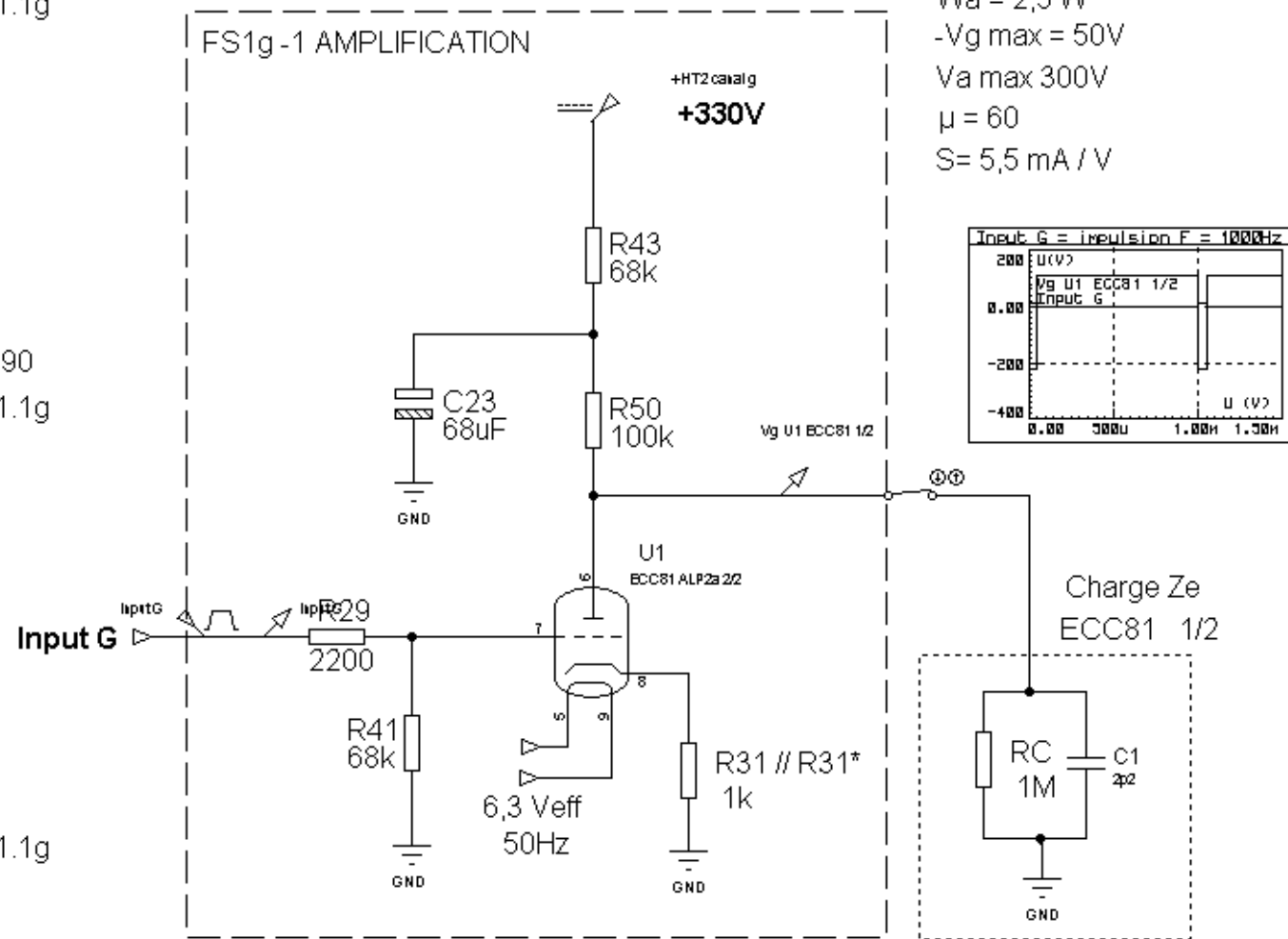
$W_a = 2,5 W$

$-V_g \text{ max} = 50V$

$V_a \text{ max} 300V$

$\mu = 60$

$S = 5,5 mA / V$



FILE NAME: Ampli Yves Cochet Etude de FP1 g - FS1.1 générat d'impulsions avec charge Ze

DESIGN TITLE: Ampli Yves COCHET ALP2a

PATH: FS1g.- 1 amplification

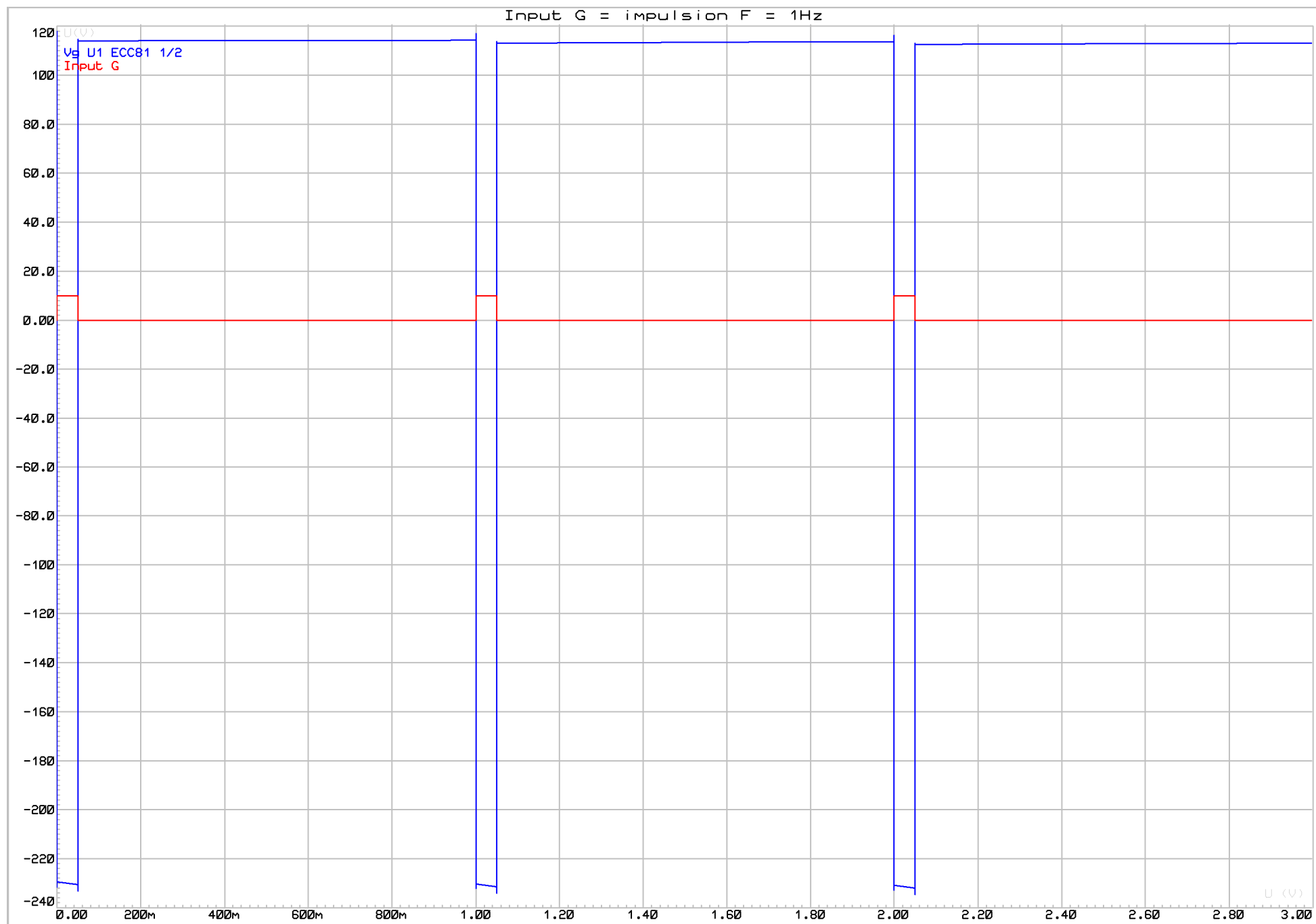
BY: Didier VILLERS

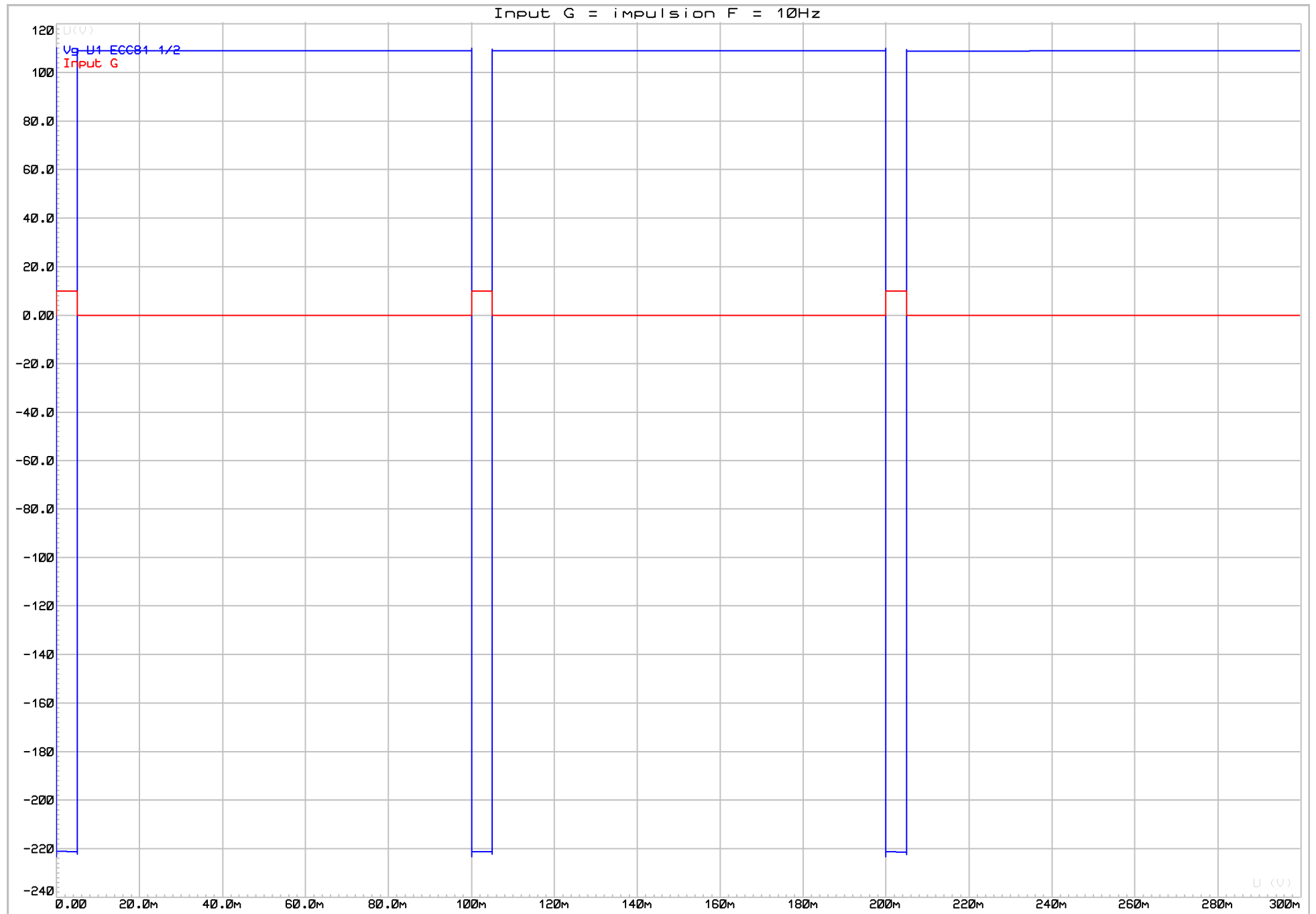
REV: 1e

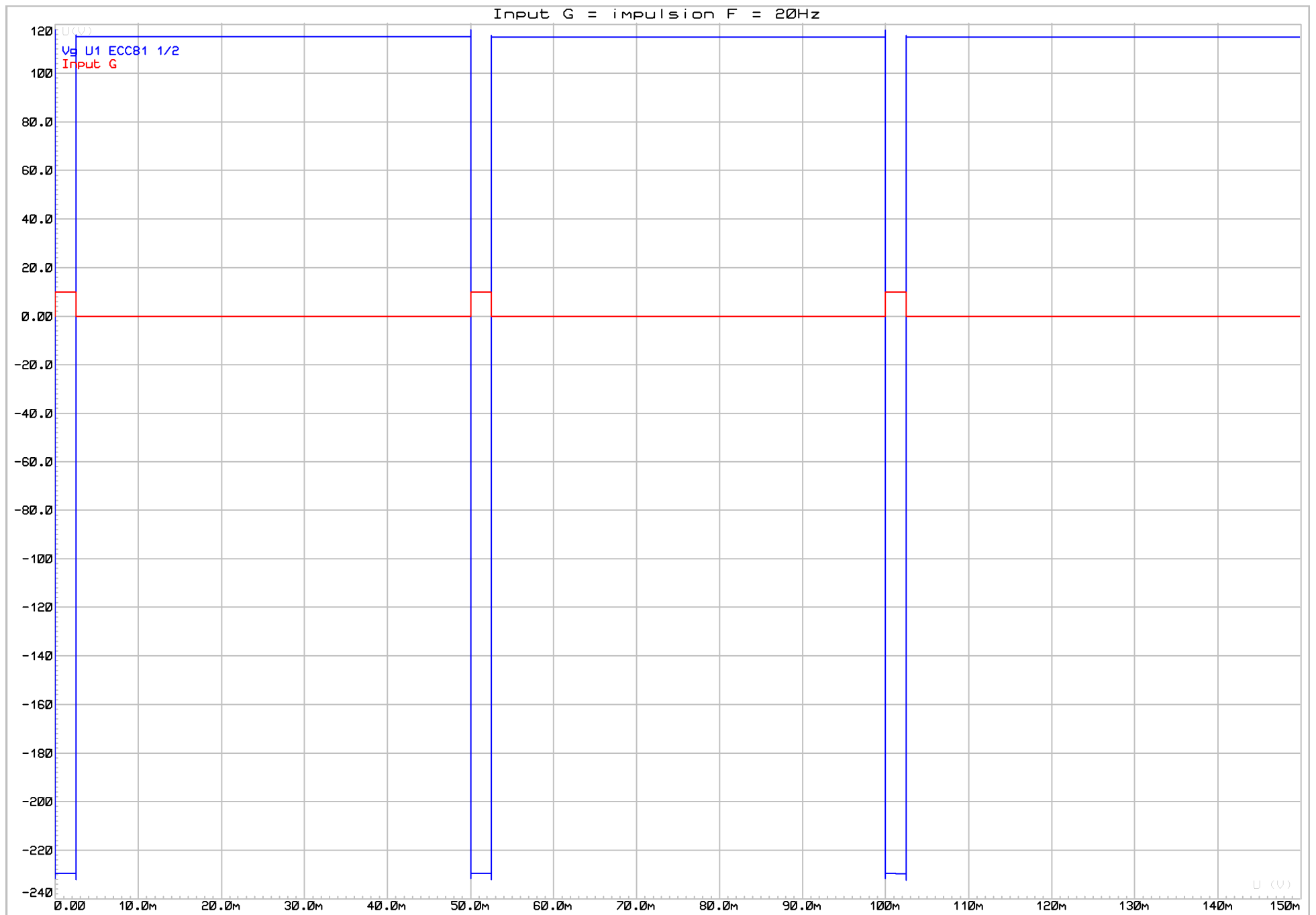
DATE: 13/12/2012

PAGE: 1 of 1

TIME: 21:12:28







Input G = impulsion F = 100Hz

