

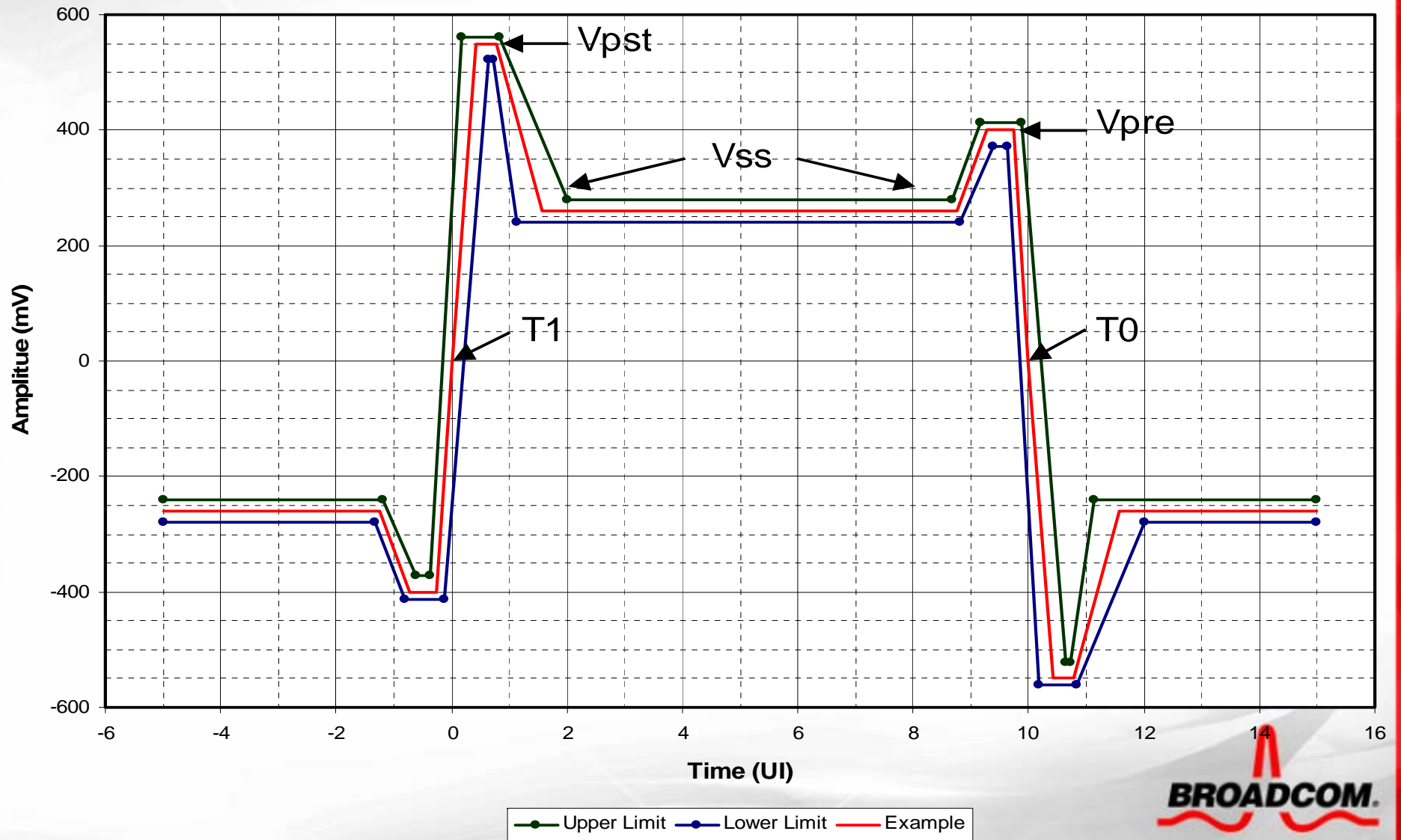


Transmitter Waveform Template

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04-Mar-2006

Transmit Template



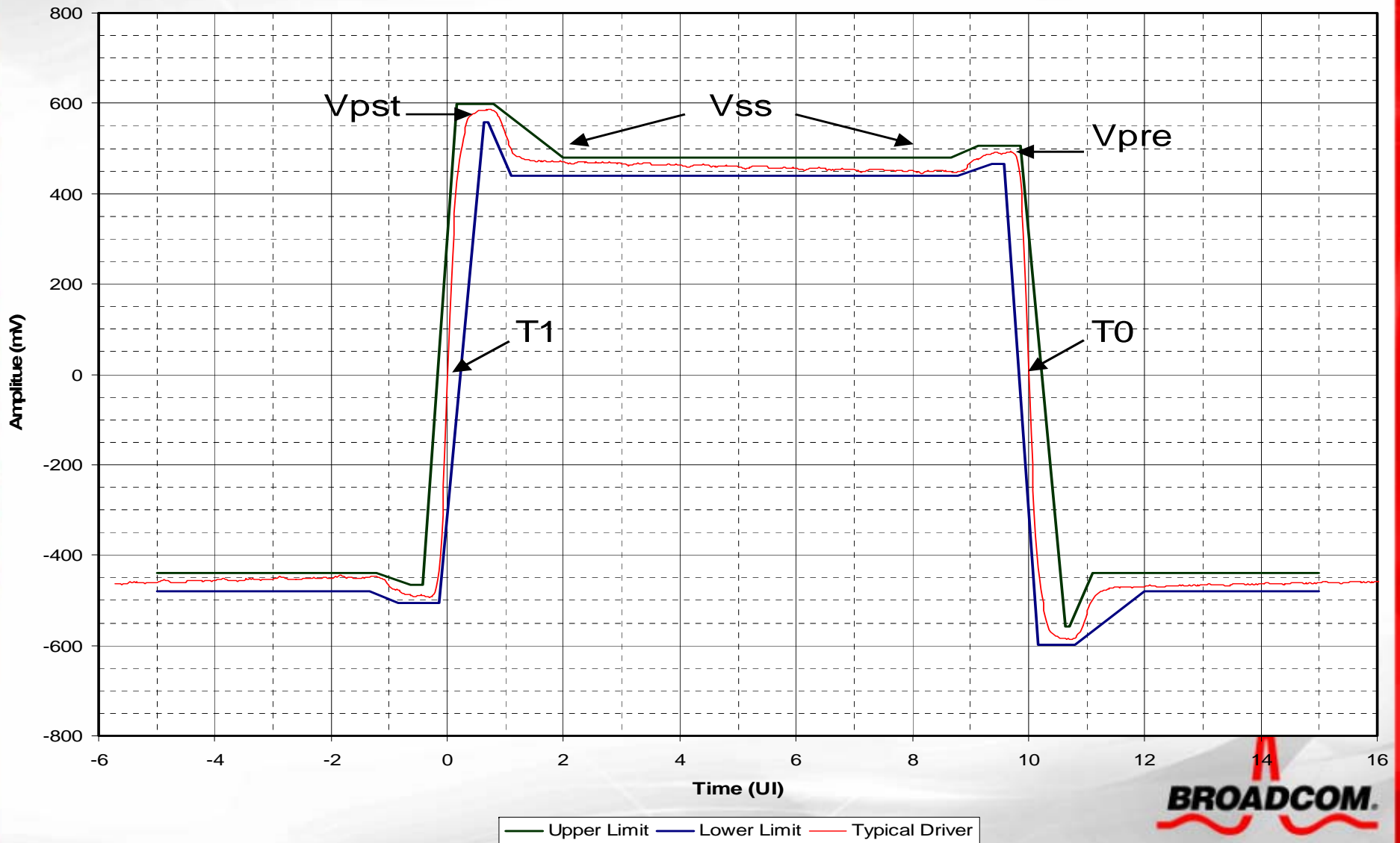
Transmit Time Domain Template

Upper Limit Line		Lower Limit Line	
Time Point (UI)	Value (mV)	Time Point (UI)	Value (mV)
T1-5	-Vss+20	T1-5	-Vss-20
$T1-0.8-0.73*(V_{pre-28})/(0.8*(V_{pst}+V_{pre-56}))$	-Vss+20	$T1-1.2-0.248*(V_{pre+12})/(0.8*(V_{pst}+V_{pre-24}))$	-Vss-20
$T1-0.49-0.248*(V_{pre+12})/(0.8*(V_{pst}+V_{pre-24}))$	-Vpre+28	$T1-0.44-0.73*(V_{pre-28})/(0.8*(V_{pst}+V_{pre-56}))$	-Vpre-12
$T1-0.73*(V_{pre-28})/(0.8*(V_{pst}+V_{pre-56}))$	-Vpre+28	$T1-0.248*(V_{pre+12})/(0.8*(V_{pst}+V_{pre-24}))$	-Vpre-12
$T1+0.248*(V_{pst+12})/(0.8*(V_{pst}+V_{pre-24}))$	Vpst+12	$T1+0.3+0.48*(V_{pst-28})/(0.8*(V_{pst}+V_{pre-56}))$	Vpst-28
$T1+1.2-0.73*(V_{pre-28})/(0.8*(V_{pst}+V_{pre-56}))$	Vpst+12	$T1+0.85-0.248*(V_{pre+12})/(0.8*(V_{pst}+V_{pre-24}))$	Vpst-28
$T1+2.14-0.248*(V_{pre+12})/(0.8*(V_{pst}+V_{pre-24}))$	Vss+20	$T1+1.51-0.73*(V_{pre-28})/(0.8*(V_{pst}+V_{pre-56}))$	Vss-20
$T0-1.2-0.248*(V_{pre-12})/(0.8*(V_{pst}+V_{pre-24}))$	Vss+20	$T0-0.8-0.73*(V_{pre-28})/(0.8*(V_{pst}+V_{pre-56}))$	Vss-20
$T0-0.44-0.73*(V_{pre-28})/(0.8*(V_{pst}+V_{pre-56}))$	Vpre+12	$T0-0.49-0.248*(V_{pre-12})/(0.8*(V_{pst}+V_{pre-24}))$	Vpre-28
$T0-0.248*(V_{pre-12})/(0.8*(V_{pst}+V_{pre-24}))$	Vpre+12	$T0-0.73*(V_{pre-28})/(0.8*(V_{pst}+V_{pre-56}))$	Vpre-28
$T0+0.3+0.48*(V_{pst-28})/(0.8*(V_{pst}+V_{pre-56}))$	-Vpst+28	$T0+0.248*(V_{pst+12})/(0.8*(V_{pst}+V_{pre-24}))$	-Vpst-12
$T0+0.85-0.248*(V_{pre-12})/(0.8*(V_{pst}+V_{pre-24}))$	-Vpst+28	$T0+1.2-0.73*(V_{pre-28})/(0.8*(V_{pst}+V_{pre-56}))$	-Vpst-12
$T0+1.51-0.73*(V_{pre-28})/(0.8*(V_{pst}+V_{pre-56}))$	-Vss+20	$T0+2.14-0.248*(V_{pre-12})/(0.8*(V_{pst}+V_{pre-24}))$	-Vss-20
T0-5	-Vss+20	T0-5	-Vss-20

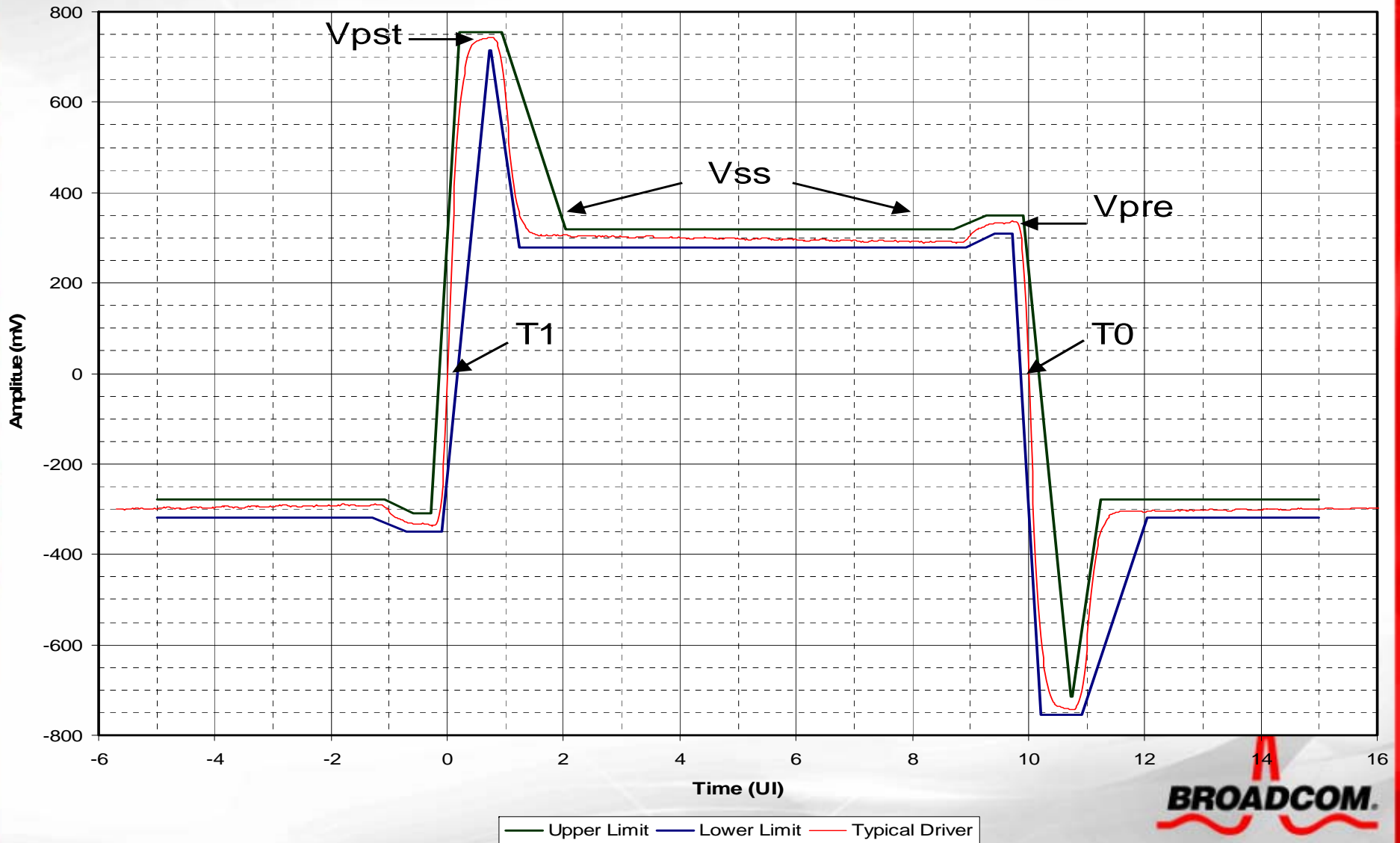
Changes to Definitions

- Table 72-2, P120: Sign change on the V_{pre} coefficient update
- 72.7.1.11, P121, L41: Definition of V_{pk} was deleted yet it is referenced in item "d" & "e". Add the definition back in: $V_{pk} = V_{pst} + V_{pre} - V_{ss}$
- Figure 72-14, P122: t_0 & t_1 swap places
- 72.7.1.11, P122, L28: t_0 = zero-crossing point of the falling edge of the AC-coupled signal
- 72.7.1.11, P122, L29: t_1 = zero-crossing point of the rising edge of the AC-coupled signal
- 72.7.1.11, P122, L30: V_{pre} = maximum voltage measured in the interval $t_0 - T$ to t_0
- 72.7.1.11, P122, L31: V_{pst} = maximum voltage measured in the interval t_1 to $t_1 + T$
- 72.7.1.11, P122, L32: V_{ss} = steady-state voltage measured as the average voltage in the interval $t_1 + 2T$ to $t_0 - 2T$
- 72.7.1.11, P122, L38: $R_{pre} = V_{pre}/V_{ss}$

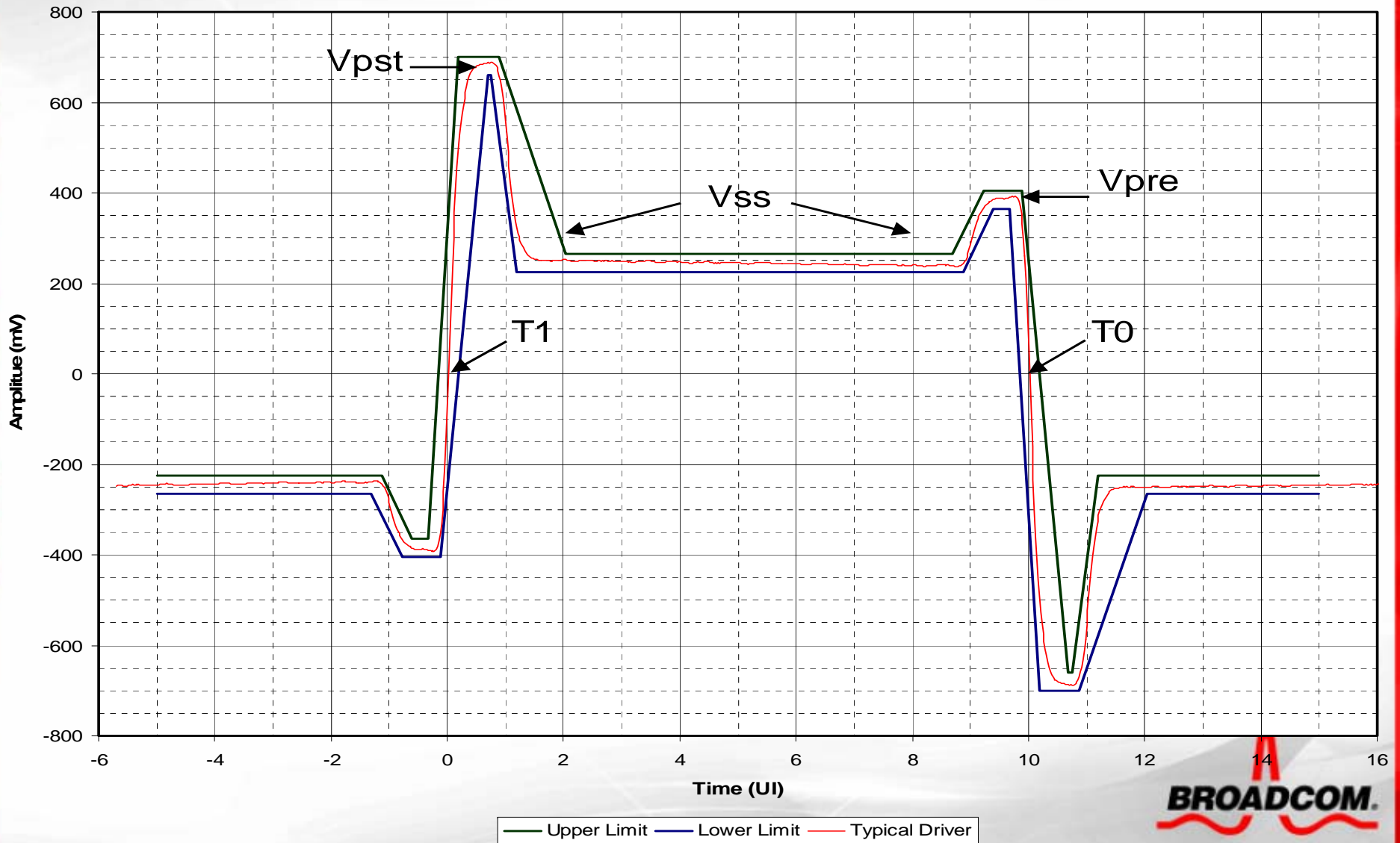
Typical Driver w/ Template



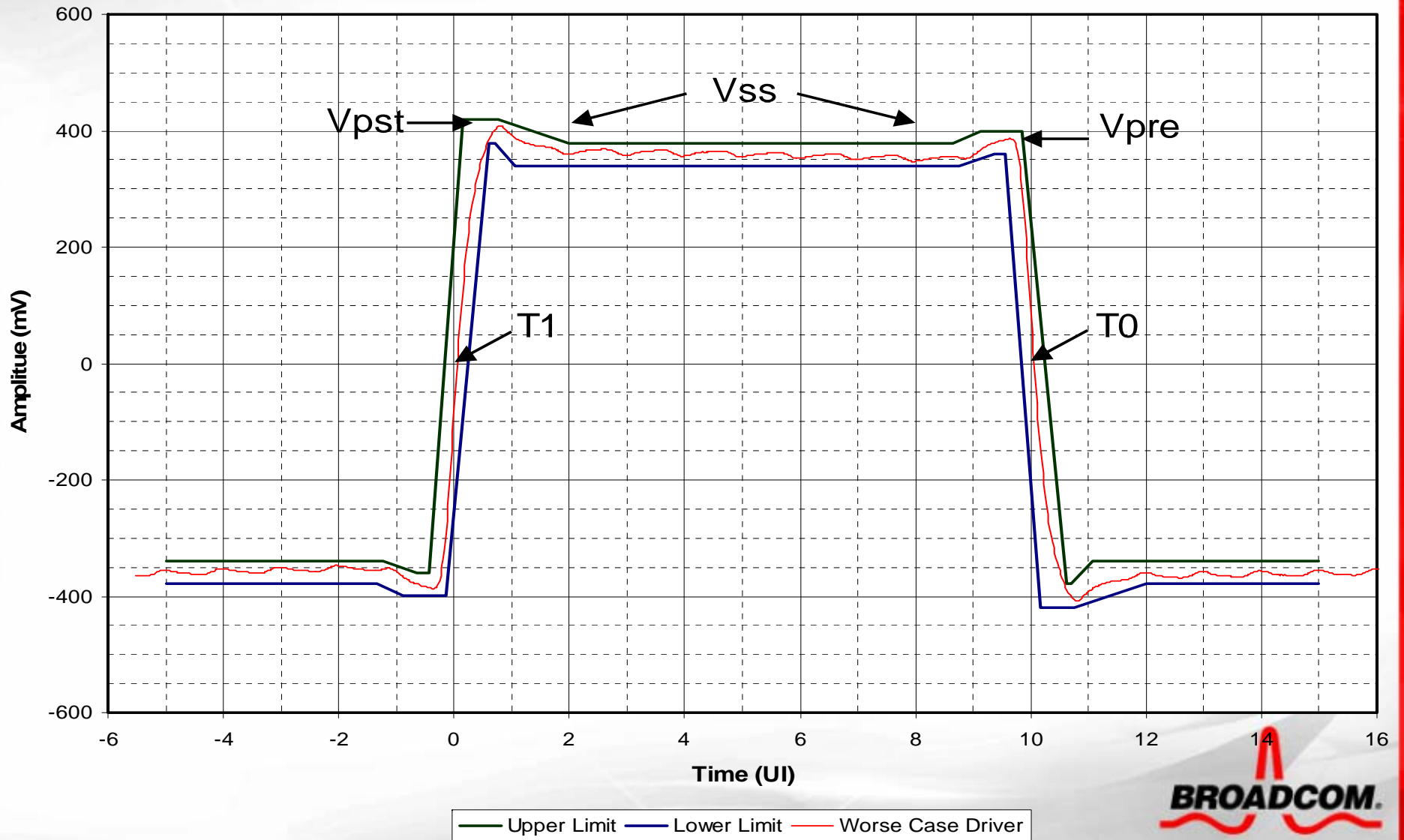
Typical Driver w/ Template



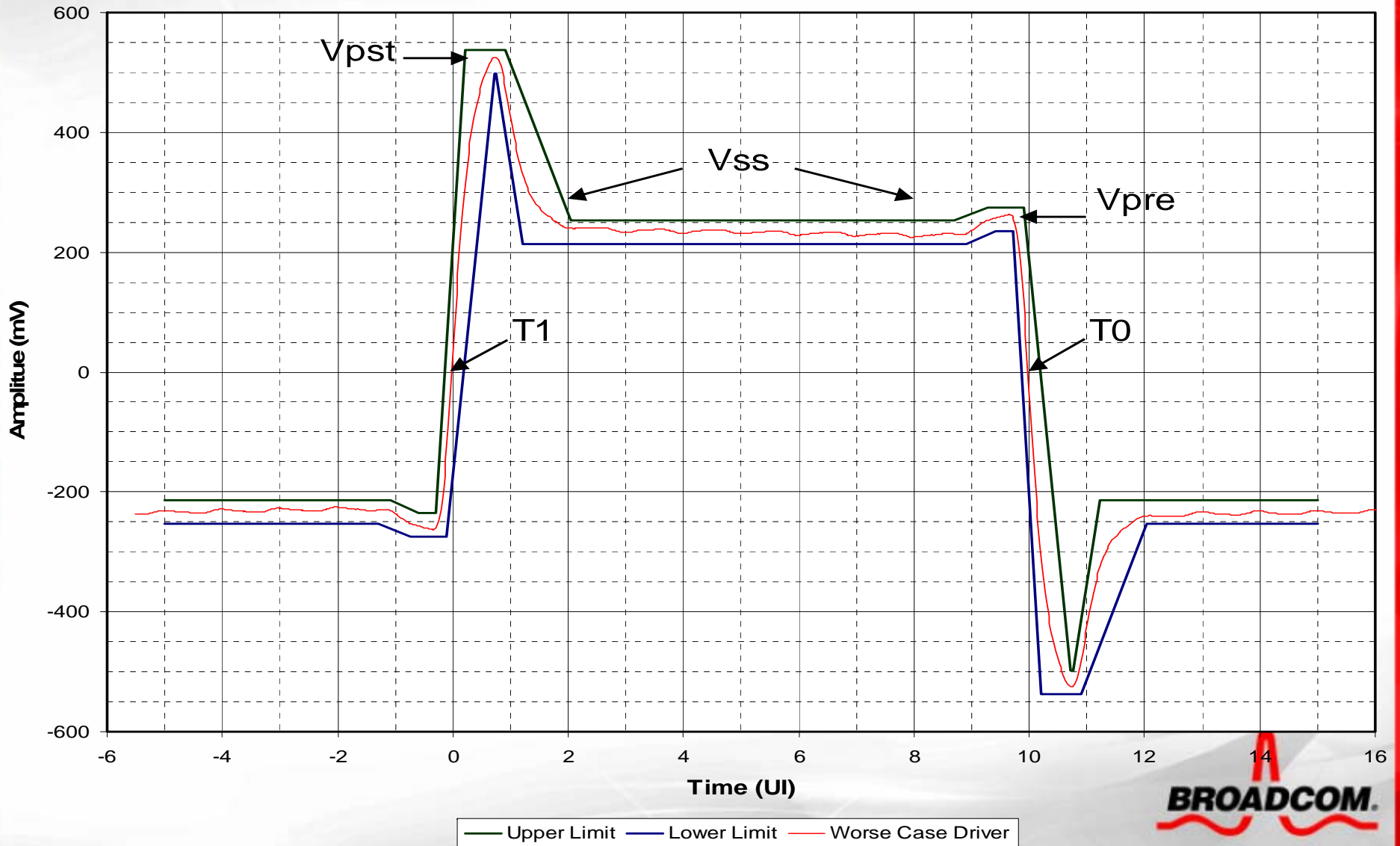
Typical Driver w/ Template



Worse Case Driver w/ Template



Worse Case Driver w/ Template



Worse Case Driver w/ Template

