Hello Mikhail.

I belive that both equations should have used VCCR = VCSTE(max)*KCC = 540*0.413 = 223V. Please note this is a typcical and the peak current could move based on the data sheet paramaters. For the UCC28911 you should use VCCR = 630V*0.413 = 260V for these equations.

Electrical Characteristics (continued)

over operating free-air temperature range (unless otherwise noted), V_{VDD} = 15 V, T_A = -40°C to 125°C, $T_A = T_J$

PARAMETER		TEST CONDITIONS		MIN	TYP	MAX	UNIT
CURRENTS							
$I_{D\_PEAK(max)}$	Maximum DRAIN peak current	IPK pin shorted to GND, T_J = 25°C	UCC28910	582	600	618	mA
			UCC28911	680	700	720	mA
R_{IPK_SHORT}	IPK to GND resistance Max to assume IPK shorted to GND					200	Ω
$R_{IPK(min)}$	IPK to GND minimum resistance			900			Ω
$V_{CSTE(max)}$	Equivalent current sense threshold, $I_{D\_PK(max)} \times R_{IPK}$	V_{VS} = 3.9 V, T_J = 25°C	UCC28910	532	540	548	V
		V_{VS} = 3.75 V	UCC28911	620	630	640	V
$V_{CSTE(min)}$	Equivalent current sense threshold, $I_{D\_PK(min)} \times R_{IPK}$	V_{VS} = 4.1 V	UCC28910	160	180	200	V
		V_{VS} = 4.35 V	UCC28911	170	216	265	V
K_{AM}	AM control ratio	$V_{CSE(max)} / V_{CSE(min)}$		2.30	3.00	3.50	V/V
K_{CC}	CC regulation gain, $t_{DEMAG} \times f_{SW}$	V_{VS} < 3.9 V	UCC28910		0.413		
		V_{VS} = 3.75 V	UCC28911		0.413		
V_{CCR}	CC regulation constant, $V_{CSET(max)} \times K_{CC}$	V_{VS} < 3.9 V, T_J = 25°C	UCC28910	216	223	230	V
			UCC28911	250	260	270	V

This is a mistake in the data sheet in the example but you can still use the equations for your design.

Regards,

Mike