Final Version for LED

우리는 1%의 가능성을 실현합니다.

Condition	spec	Applied
Case 1	DPA425 L핀 680k옴 통해 입력 +로 연결	X
Case 2	DPA425 X핀 22k옴 통해 GND로 연결	X
Case 3	DPA425 D핀 100pF 커패시터 통해 GND로 연결	X
Case 4	DPA425 D핀 다이오드 D5, D6 제거	X
Case 5	Add DPA425 D pin SMBJ150A	O
Case 6	DPA425 D pin to GND connect with 330pF	O
Case 7	C11, C12 제거	X
Case 8	C11 제거	X
Case 9	2차측 스너버 회로 추가 (10Ω, 100pF)	X
Case 10	Add second snubber (GND) (10Ω, 330pF)	O
Case 11	DPA425 X pin 22k옴 -> 15K옴 connec with GND (600mA OVP)	O
Case 12	*changed over voltage only* RLS = 680k ohm + 1N4148	O
Case 13	Changed Transformer EI1916 -> EFD2525	O

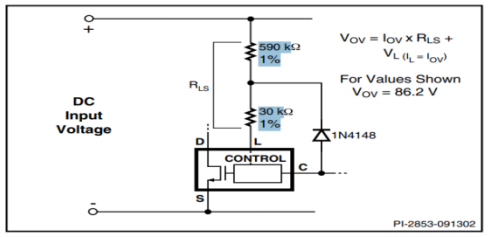
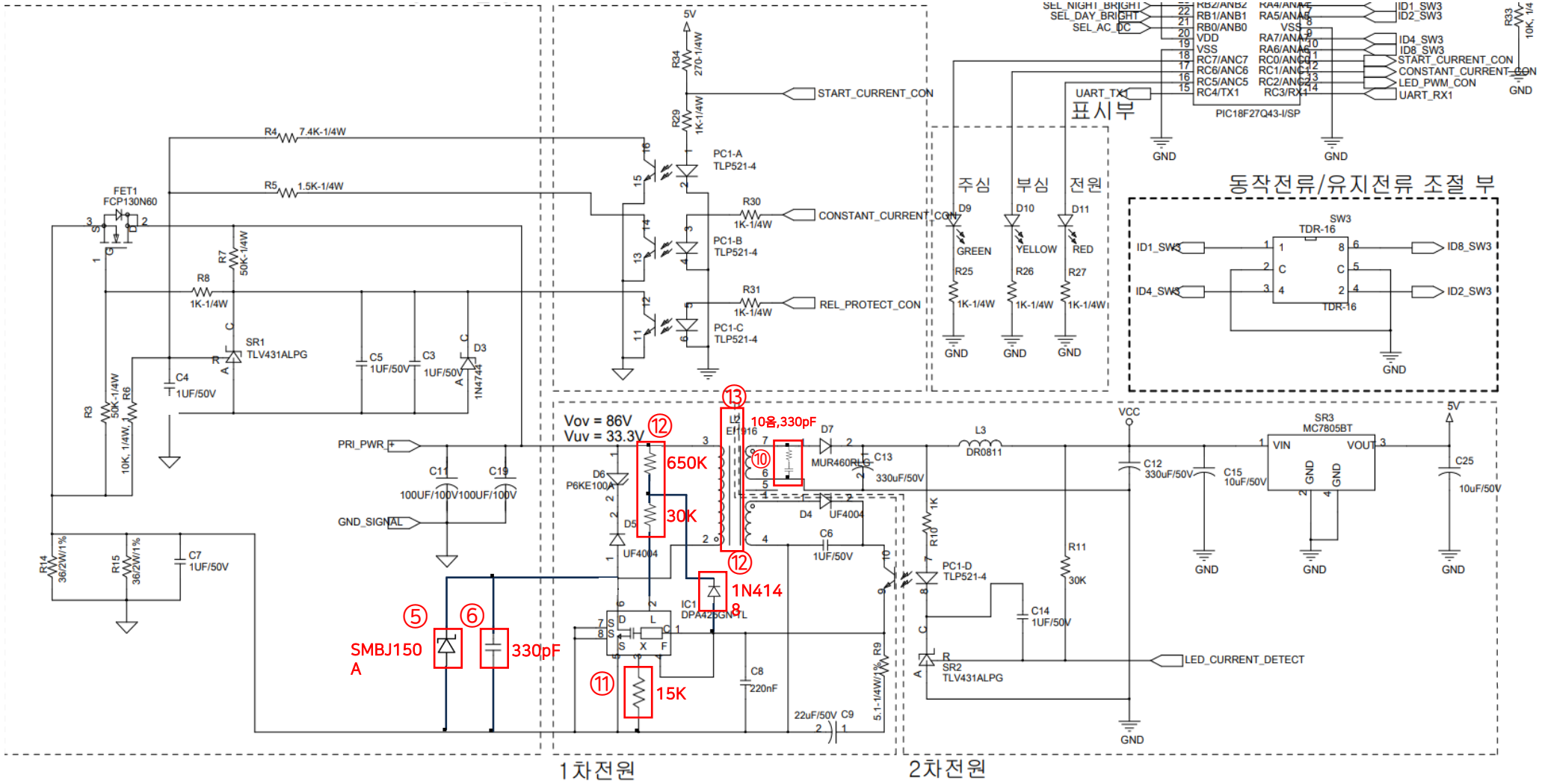
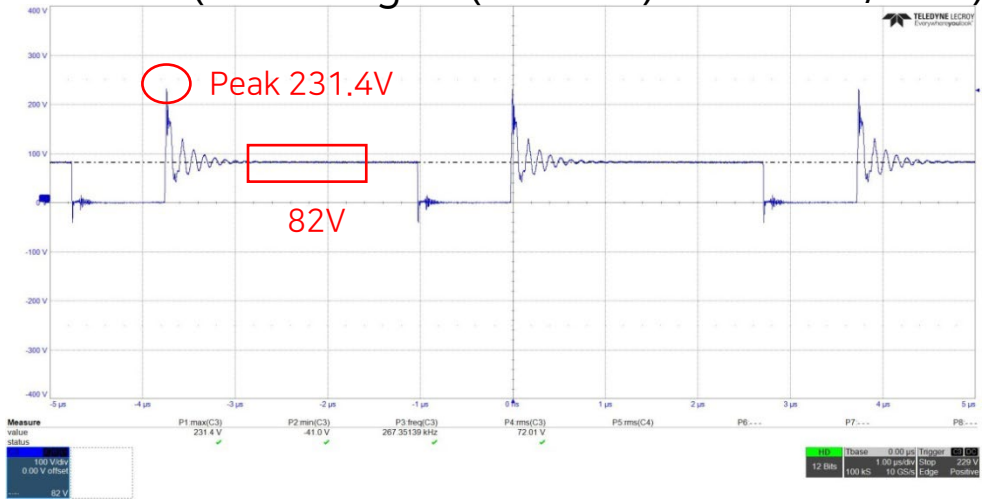


Figure 14. Line-Sensing for Overvoltage Only (Undervoltage Disabled). Maximum Duty Cycle will be reduced at Low-Line.

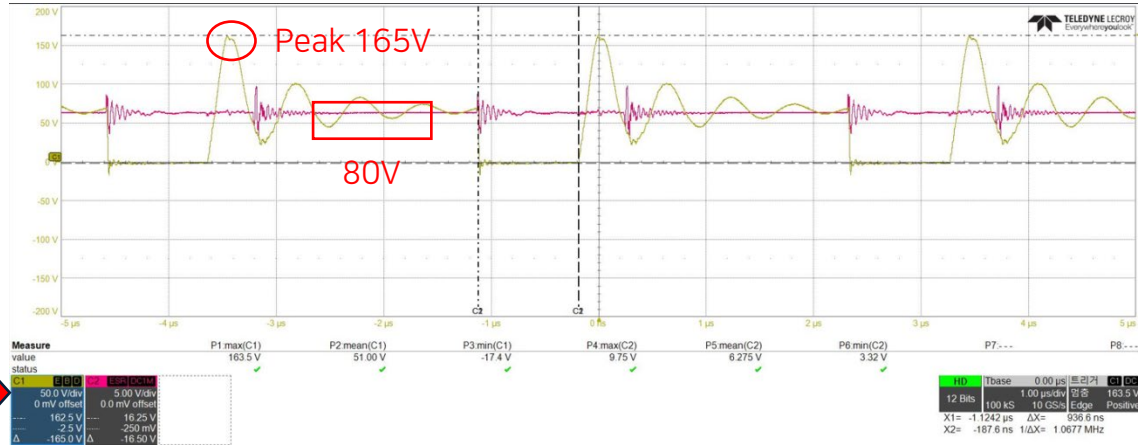


New Transformer(EFD2525) (Input AC 50V)

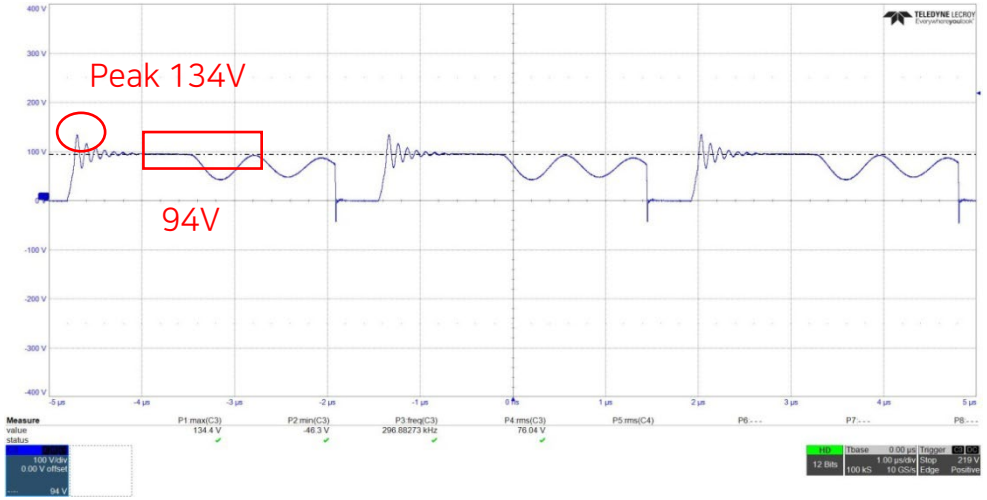
default (Start signal(450mA) : 231.4V/82V)



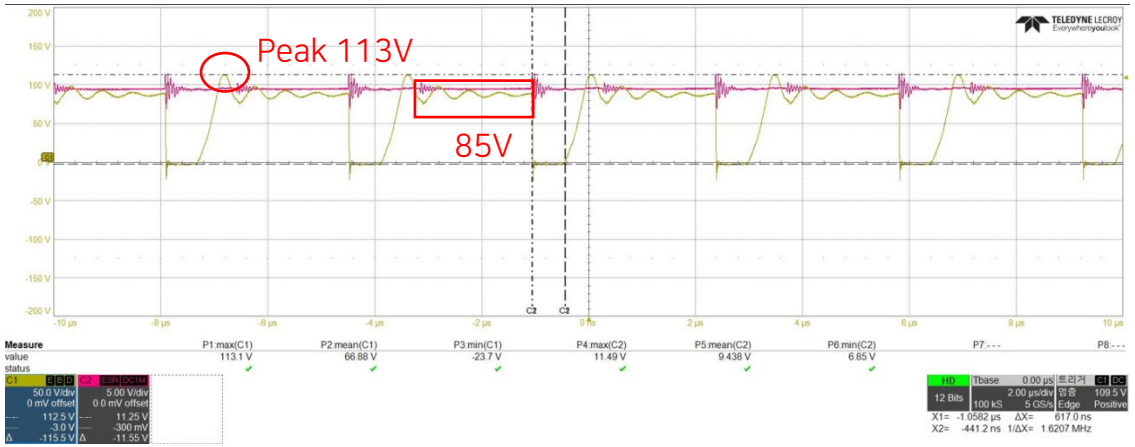
Case 13 (Start signal(450mA) : 165V/80V)



default (Working signal(275mA) : 134V/94V)

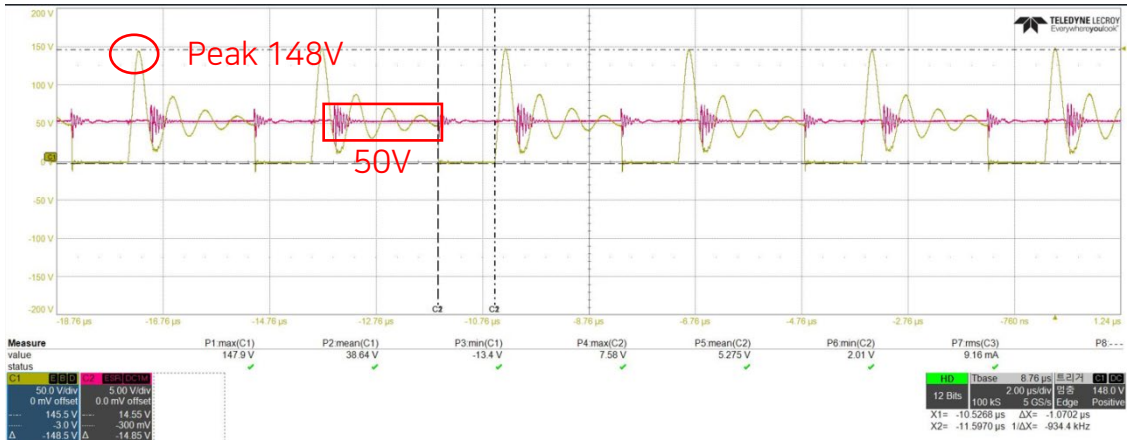


Case 13 : Working signal(275mA) : 113V/85V)

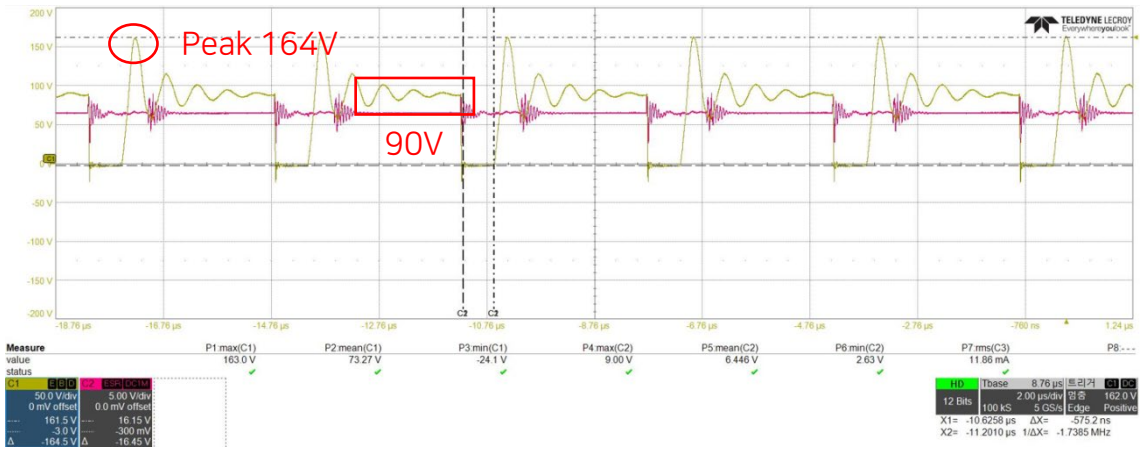


New Transformer(EFD2525)

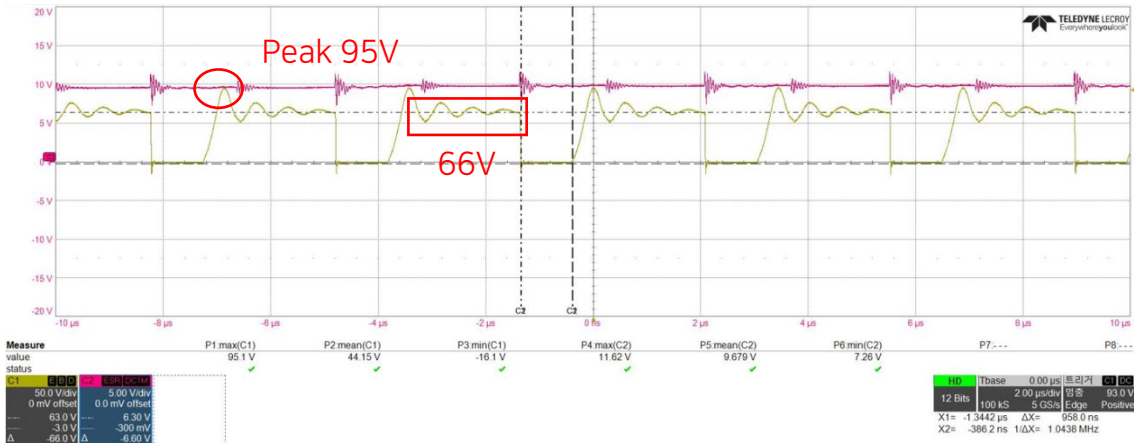
Case 13 : Min AC 35V (Start signal : 148V/50V)



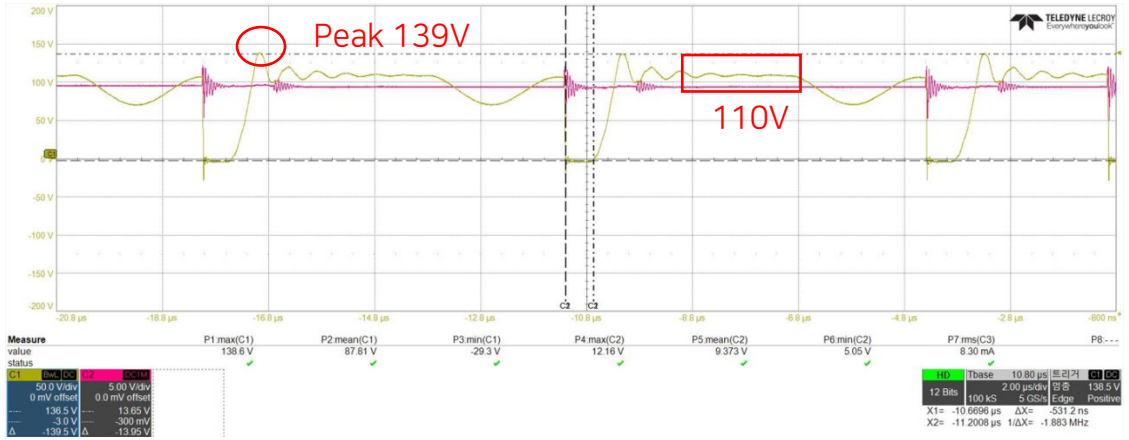
Case 13 : Max AC 65V (Start signal : 164V/90V)



Case 13 : Min AC 35V (Working signal : 95V/66V)



Case 13 : Max AC 65V (Working signal : 139V/110V)



SPEC Min(AC35V) ~ Max (AC65V) case : Working Well