

Figure 1: Circuit Diagram

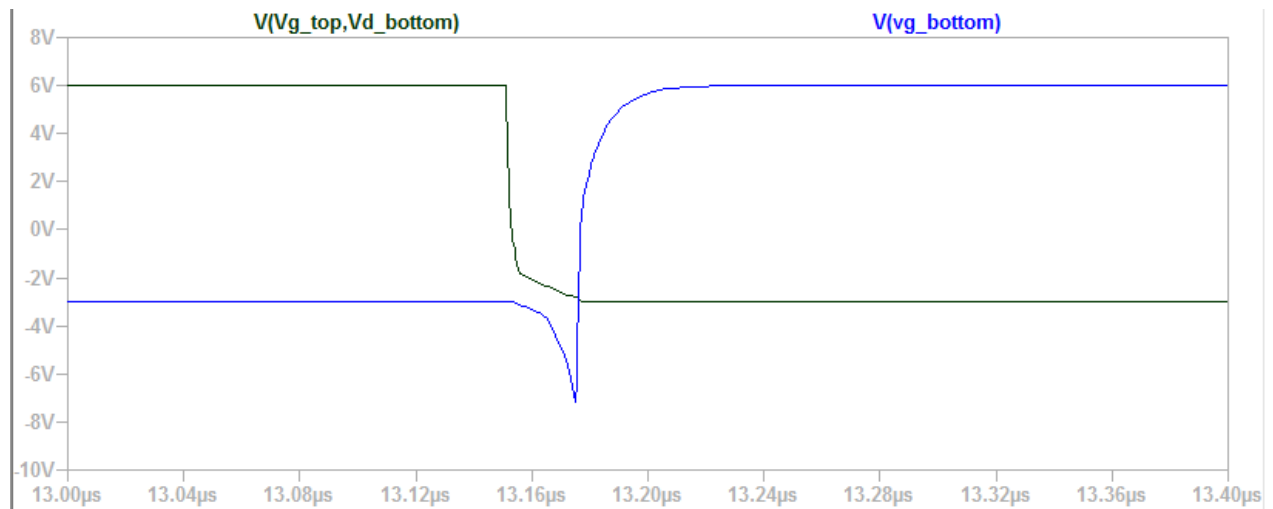


Figure 2: Top Turn - OFF, Bottom Turn - ON

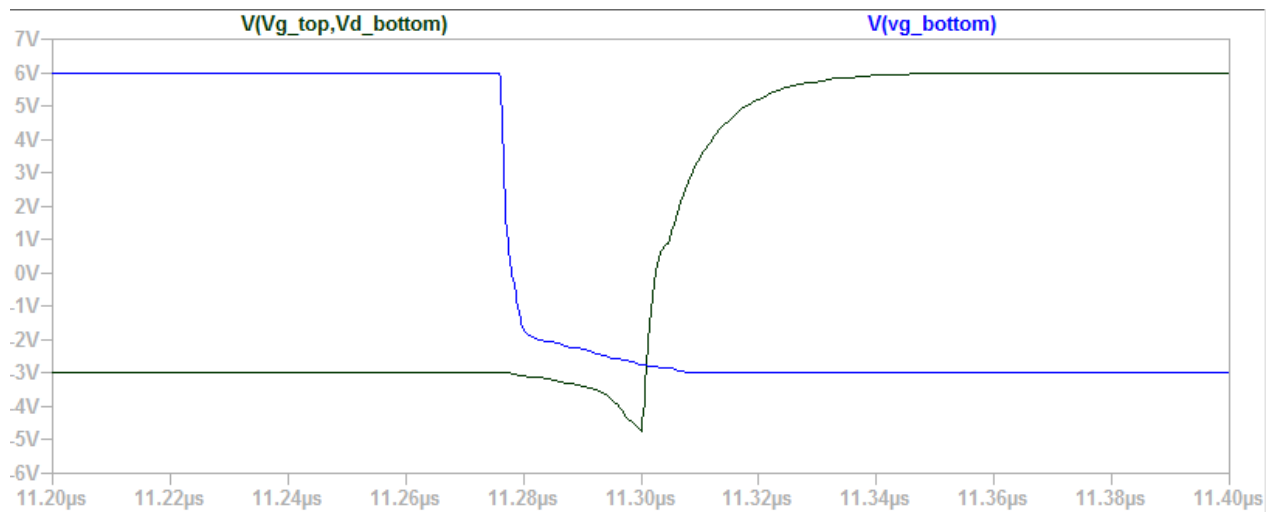


Figure 3: Top Turn - ON, Bottom Turn - OFF

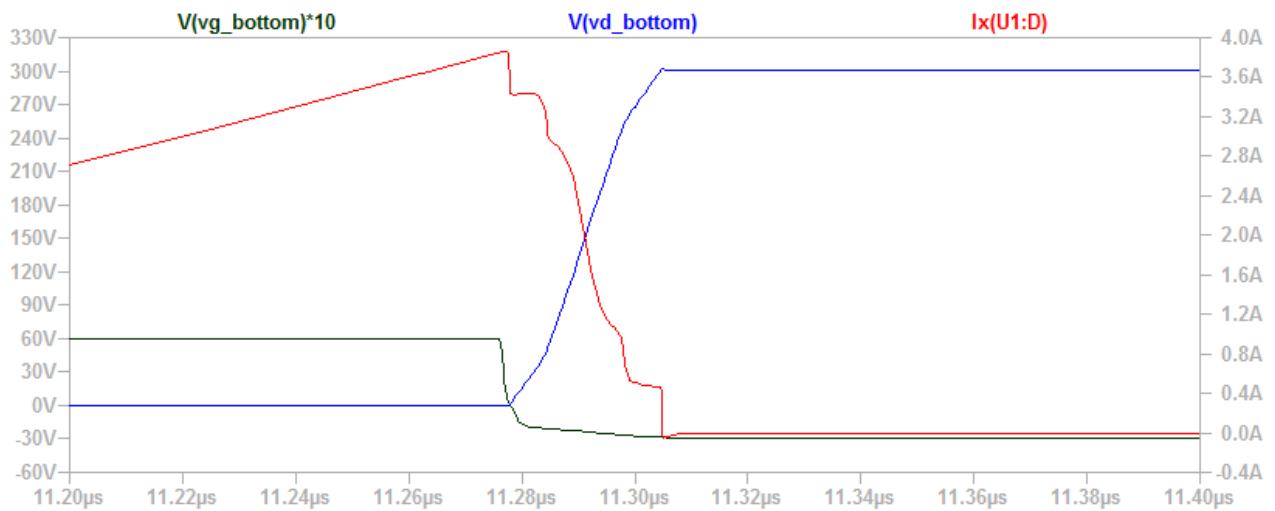


Figure 4: Bottom Characteristics ( $V_{gs}$ ,  $V_{ds}$ ,  $I_{ds}$ ) – Turn OFF

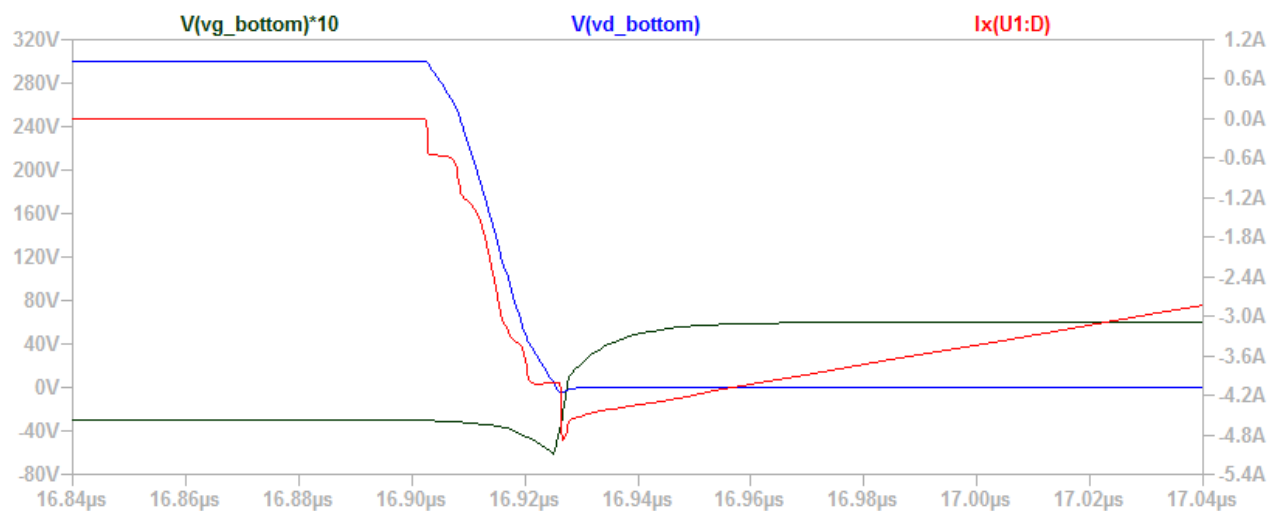


Figure 5: Bottom Charac. - Turn ON

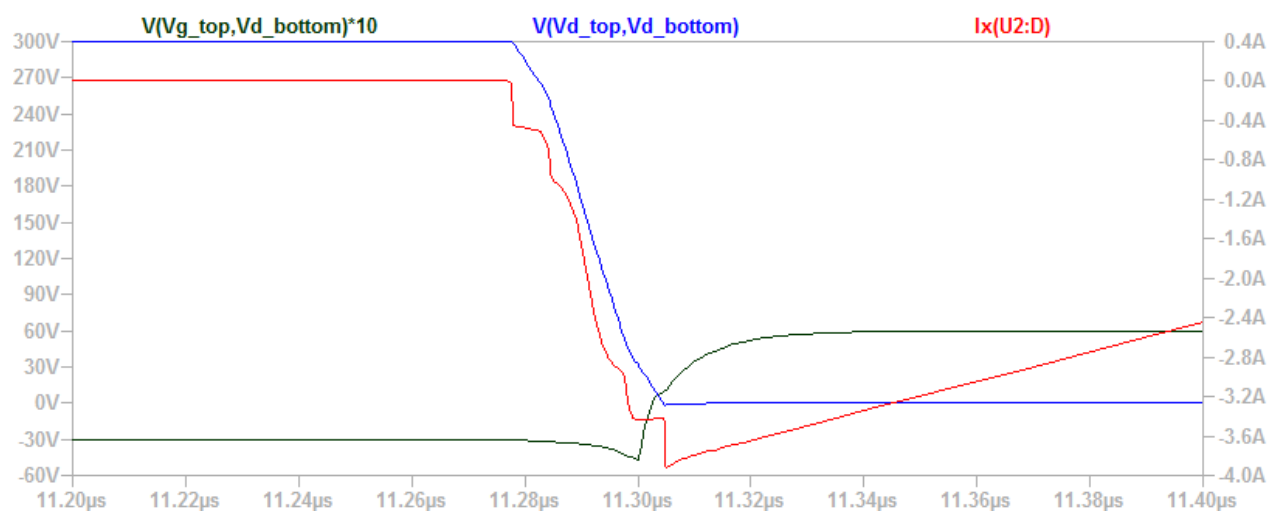


Figure 6: Top Characteristics, Turn - OFF

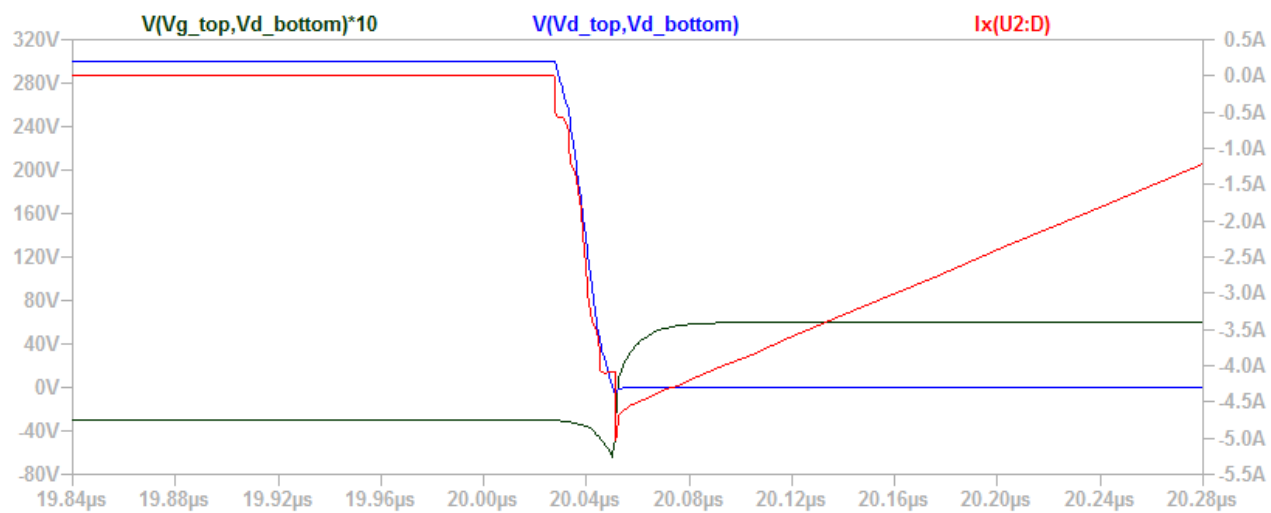


Figure 7: Top Characteristics - Turn ON