



Figure 1.

Shown in figure one above is two oscilloscope channels. Channel 2 shows a high to low transition, approximately 2.9Vdc to 0Vdc. This transition was caused by a user pressing the button on the remote. This transition was triggered on, as is indicated in the figure by the orange “T” in the upper left hand corner. Approximately 600usec after the trigger channel 1 is seen transitioning from 0Vdc to approximately 3Vdc. Channel 1 is the input enable on the MAX1492 ASK/OOK transmitter. As can be seen from the figure, for one button push the transmitter is enabled for 32msec, during which ON/OFF KEYING is used to modulate a “switch command” onto a 433.92MHz carrier.