

# TAS2564 Performance Validation

**Applications Engineering – Low Power Audio & Actuators**

# THD+N vs Pout

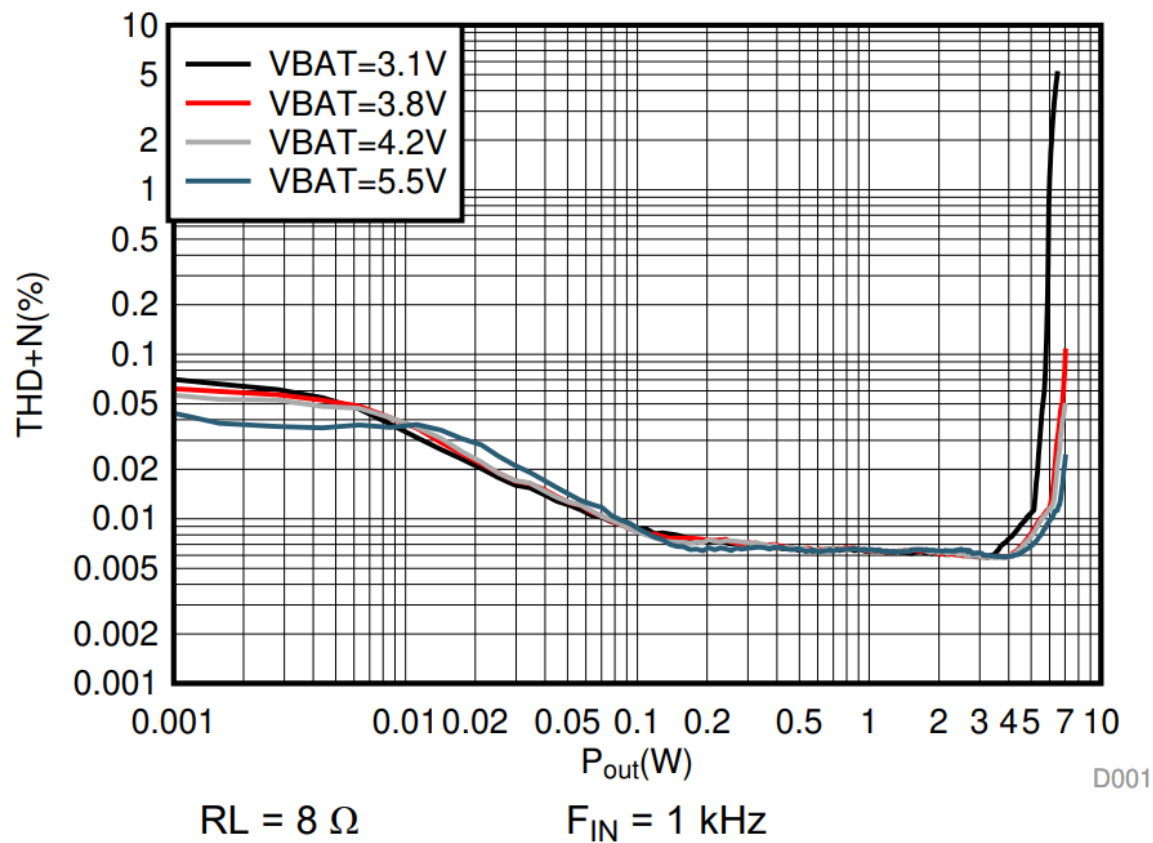
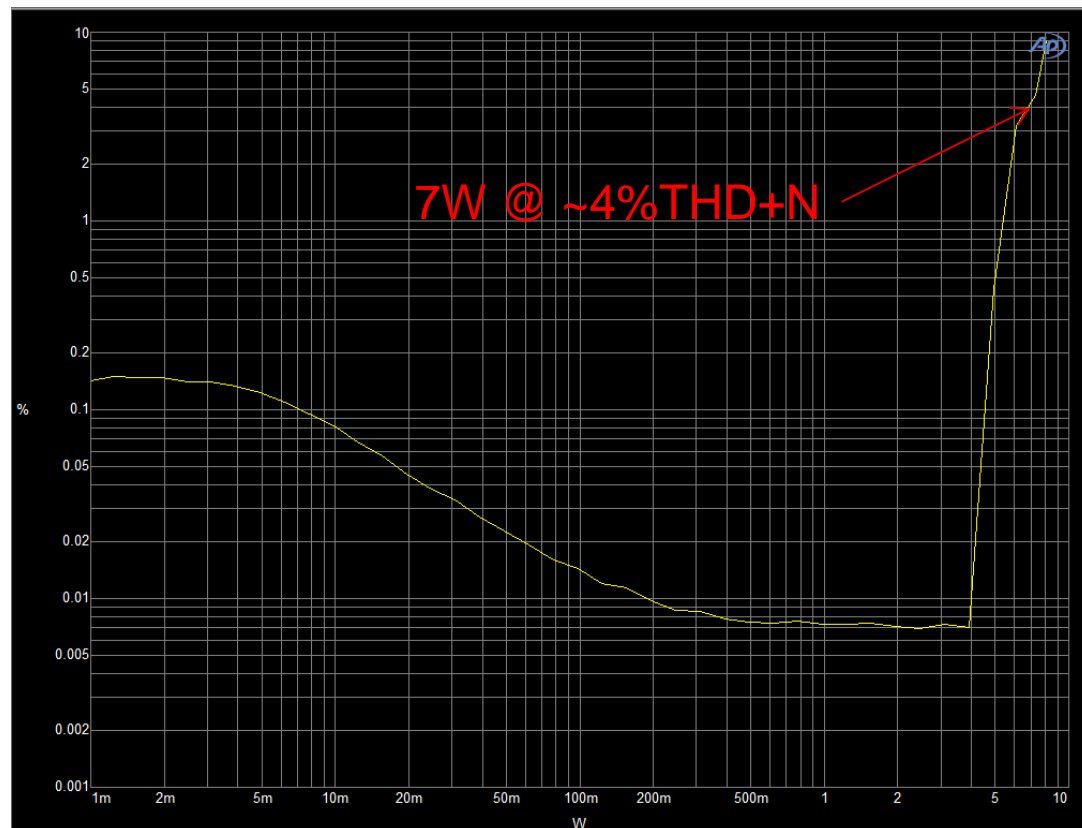


Figure 3. THD+N vs Output Power

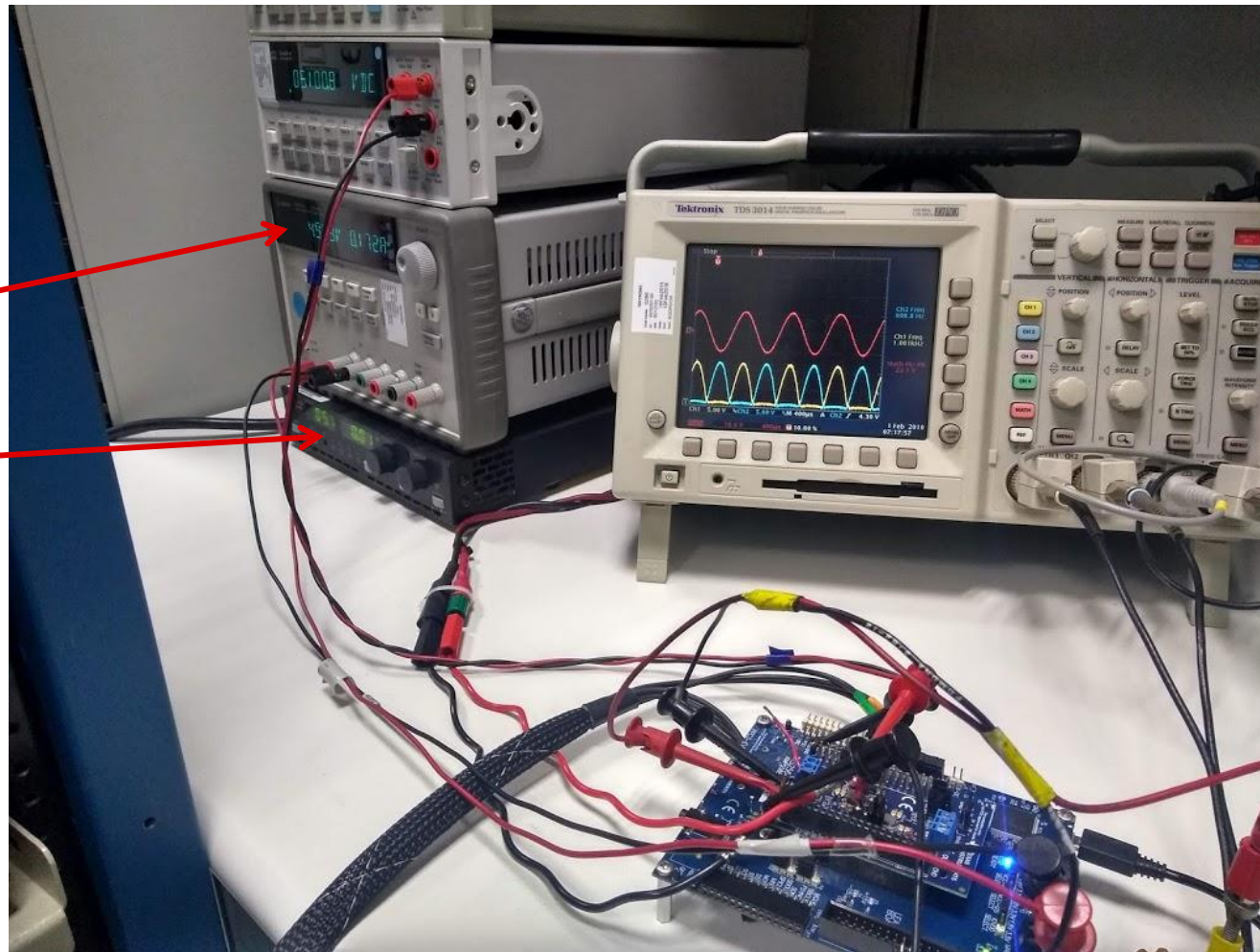
VBAT = 3.4V



# Hardware Setup

5V supply for  
Motherboard

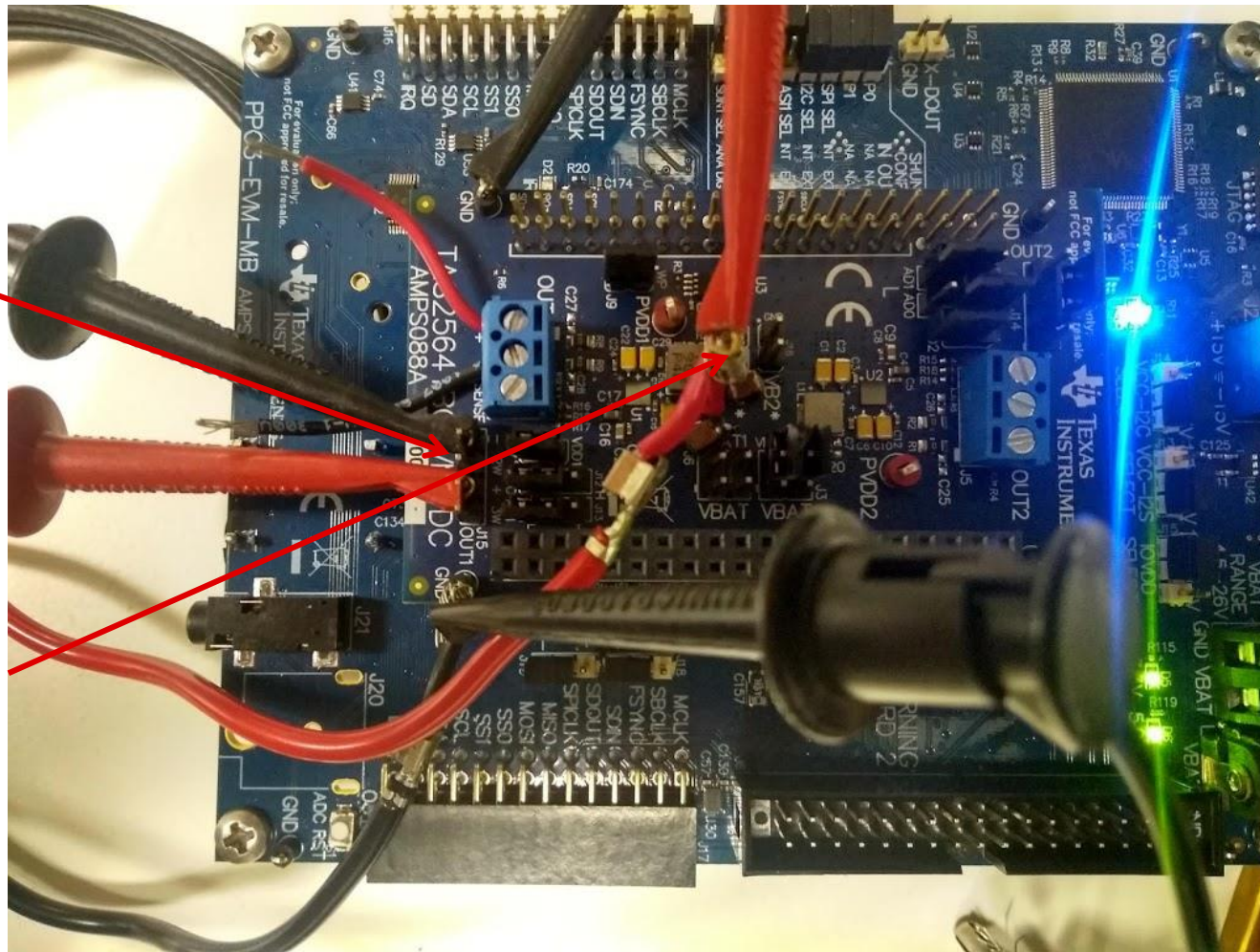
3.4V supply for  
VBAT



# Hardware Setup

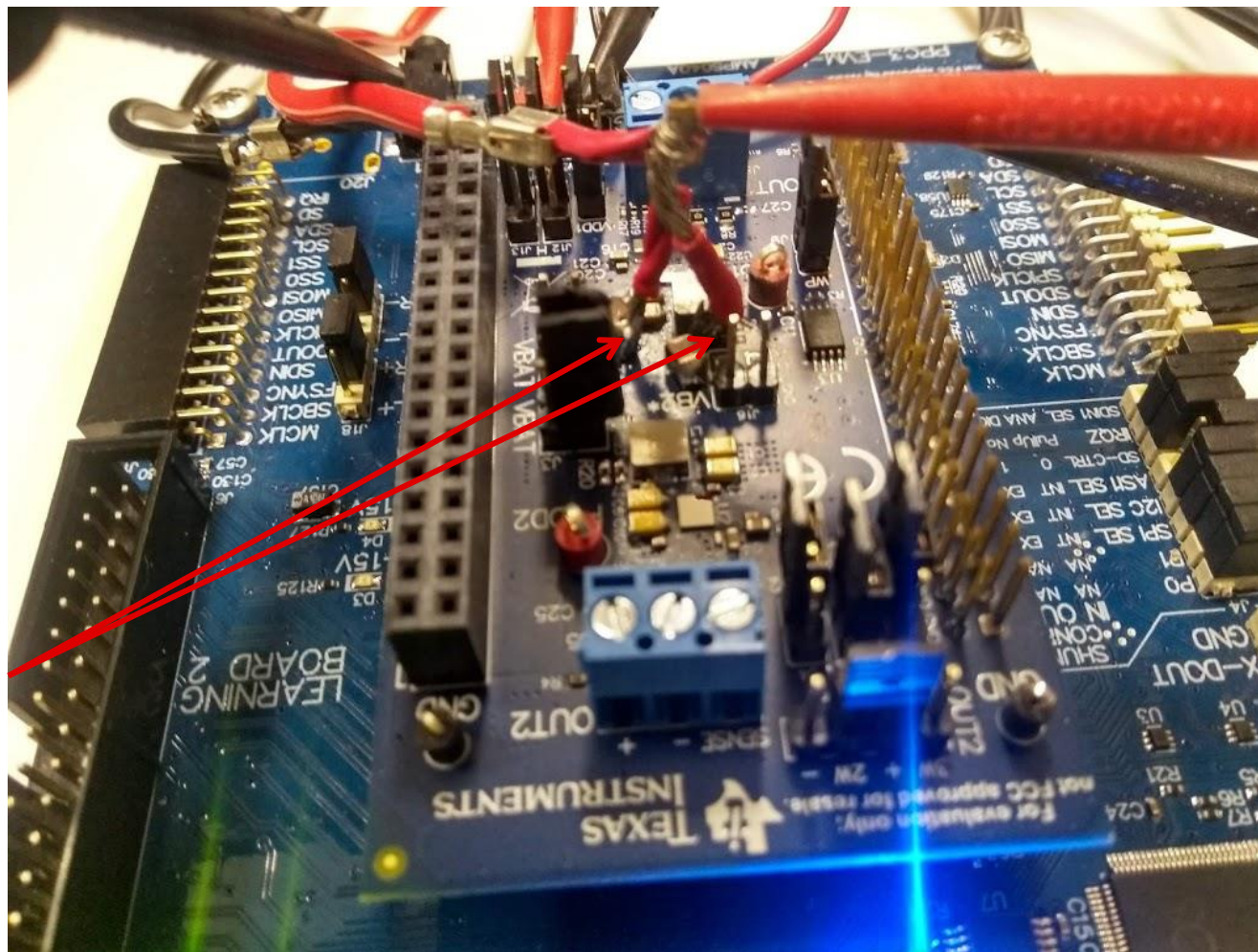
## Speaker Connection

## Star Connection to VBAT supply for Boost Inductor and VBAT plane





# Hardware Setup



**Star Connection to  
VBAT supply for  
Boost Inductor and  
VBAT plane**