

Figure 22. PLIMIT vs. Max. Output Power, 8Ω load

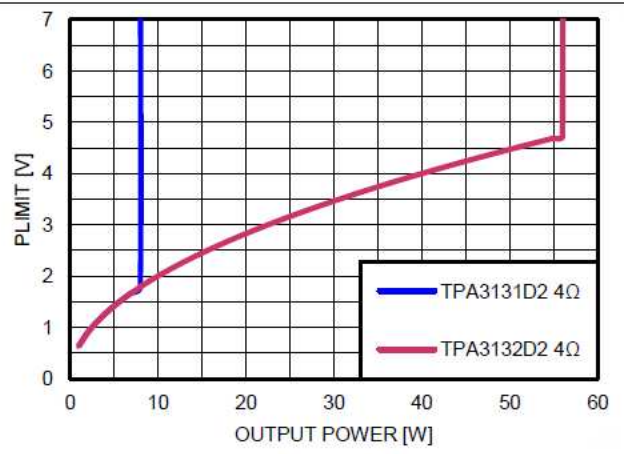


Figure 23. PLIMIT vs. Max. Output Power, 4Ω load

Table 3. Power Limit Example

MINIMUM $P_{V_{CC}}$ (V)	PART NUMBERS	PLIMIT VOLTAGE (V) ⁽¹⁾	R to GND	R to GVDD	OUTPUT POWER 8Ω (W)
7.4 V	TPA3131D2, TPA3132D2	1.85	27 kΩ	75 kΩ	4
12 V	TPA3132D2	2.87	39 kΩ	56 kΩ	10
19 V	TPA3132D2	4.26	56 kΩ	36 kΩ	25

(1) PLIMIT measurements taken with EVM gain set to 26dB and input level adjusted for 10% THD.