

Temp test with 4 ohms with Corally PSU (15V- 16A)

@4ohm resistive load on each channel, Output from Rigol DG1022 - 1Vrms input RCA in both L+R channel
sweep from 10Hz - 25k for 10seconds - then repeat automatically, (about 9,68V x 2,32 Ampere = 22WATT)

Ambient 22°C at Start, Temp measurement tool is Voltcraft IR-230

no true rms DDM in channel L for current

no true rms DMM in channel R for Voltage

AMP 1 (LM49720), corally PSU (15V-16A)

running Time - [minutes]	Colis Temp °C	Heatsink °C	IRF9530 °C	LM317 °C
03:20	Error LED occurred --> restart, recool			
	37	32	60	30
05:30	amp is running but IRF 9530 smells !			
	46	37,5	76	32

Stopped Testing strange IRF9530 Temperature

after changing to 8ohm loads everything is fine...normal

about 1,145 - 1,26 A, 10,05 - 11,02V --> about 13WATT

running Time - [minutes]	Colis Temp °C	Heatsink °C	IRF9530 °C	LM317 °C
6	36	33	41	30