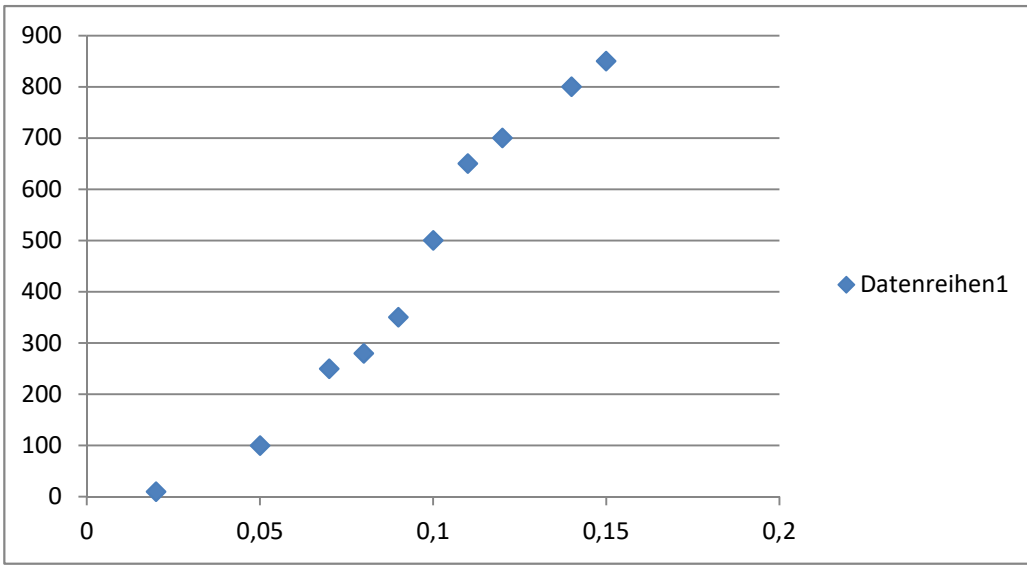
Amplifier Test for inductive RF-Plasma heating

Date: 21.5.2017

Inputvoltage on pre-amp (V)	Output from the Amp (W)
0,02	10
0,05	100
0,07	250
0,08	280
0,09	350
0,1	500
0,11	650
0,12	700
0,14	800
0,15	850



Preamp has to be cooled too - consuming 340 mA at 12V DC.

Used signal source: Rhode&Schwarz HMF2550
Signal: Sine-wave @ 13,56 MHz
Dummy load used: 1kW MFJ-264
Tuner used: MFJ-962-D (specified max. power: 800W)
Reflections: Not visible on powermeter!! -> almost zero!!