

Verstärkermessung

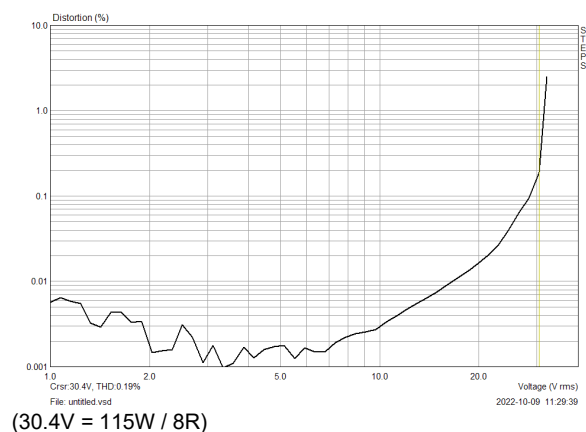
Prüfling: ClassA-Endstufe #JC1
 Mode: Bias „A“, „A-“ und „low“

Leistung (1k, K<1%) A: 120W@8R A-: 120W@8R Low: 5W@8R
 A: 100W@4R A-: 55W@4R Low: 3W@4R
 A: 45W@2R A-: 25W@2R Low: 1W@2R

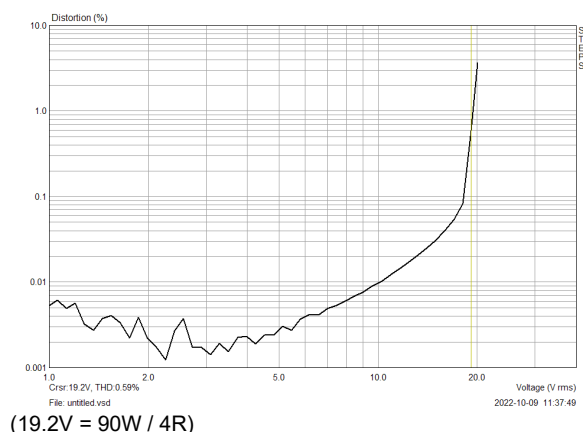
| P [W] | R [Ohm] | THD 1kHz | IMD 250/8k | IMD 13/14k | IMD 19/20k |
|----------------|---------|----------------------------|---------------------------|---------------------------|---------------------------|
| 1 (2.83V) | 8 | A: 0.0009% Low: 0.0066% | A: 0.0056% Low: 0.046% | A: 0.0016% Low: 0.016% | A: 0.0026% Low: 0.028% |
| 2 (2.83V) | 4 | A: 0.001% Low: n/a | A: 0.0072% Low: n/a | A: 0.0029% Low: n/a | A: 0.0052% Low: n/a |
| 4 (2.83V) | 2 | A: 0.0046% Low: n/a | A: 0.033% Low: n/a | A: 0.012% Low: n/a | A: 0.019% Low: n/a |
| 25 (14.14V) | 8 | A: 0.0068% A-: 0.0081% | A: 0.065% A-: 0.077% | A: 0.02% A-: 0.024% | |
| 25 (10V) | 4 | A: 0.0091% A-: 0.02% | A: 0.078% A-: 0.16% | A: 0.027% A-: 0.052% | |
| 25 (7.07V) | 2 | A: 0.045% A-: 0.31% | A: 0.31% A-: 2.0% | A: 0.091% A-: 0.38% | |

Messdiagramme

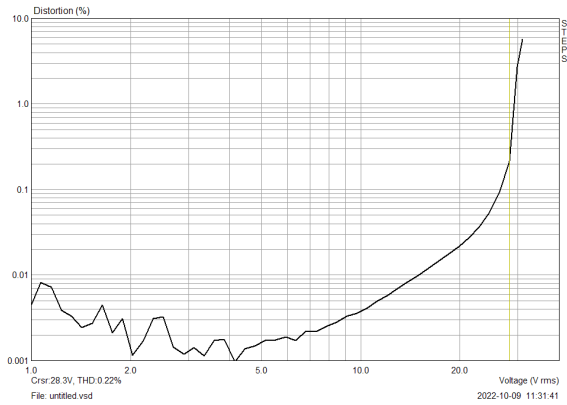
THD über Pegel – 8R – 1k – A



THD über Pegel – 4R – 1k – A

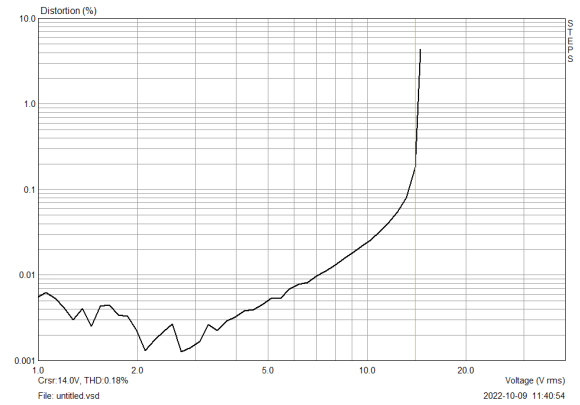


THD über Pegel – 8R – 1k – A-



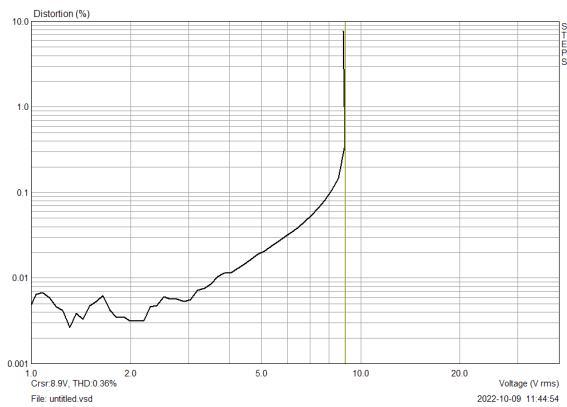
(28.3V = 100W / 8R)

THD über Pegel – 4R – 1k – A-



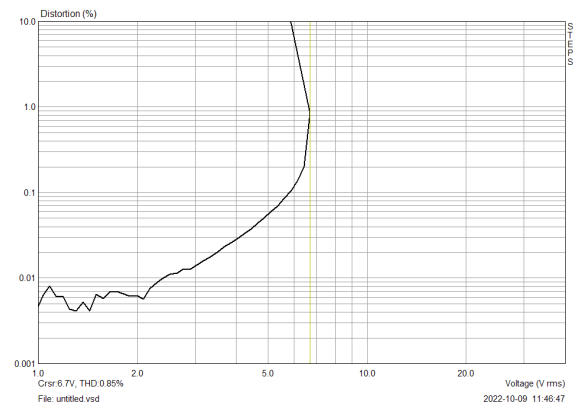
(14.0V = 50W / 4R)

THD über Pegel – 2R – 1k – A



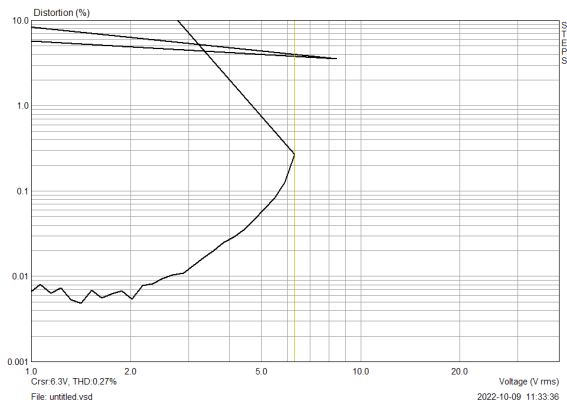
(8.9V = 40W / 2R)

THD über Pegel – 2R – 1k – A-



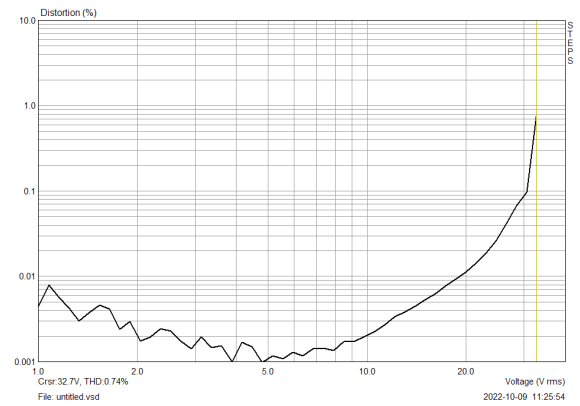
(6.7V = 20W / 2R)

THD über Pegel – 8R – 1k – Low

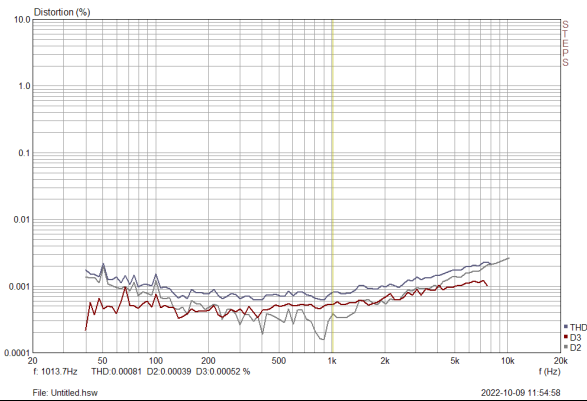


(6.3V = 5W / 8R)

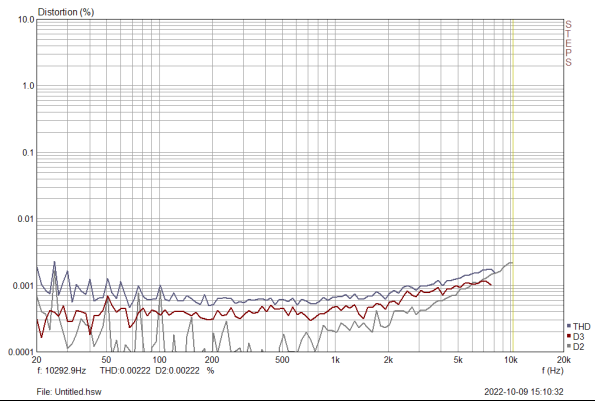
THD über Pegel – xxR – 1k – A



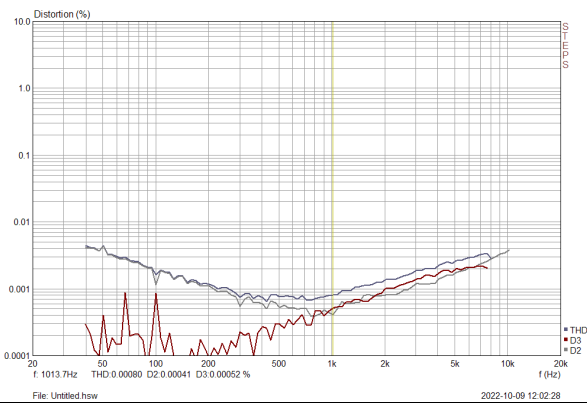
THD über Frequenz – 1W@8R – A



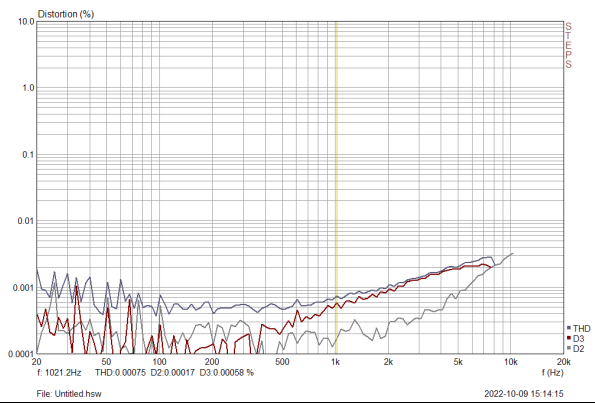
THD über Frequenz (XLR) – 1W@8R – A



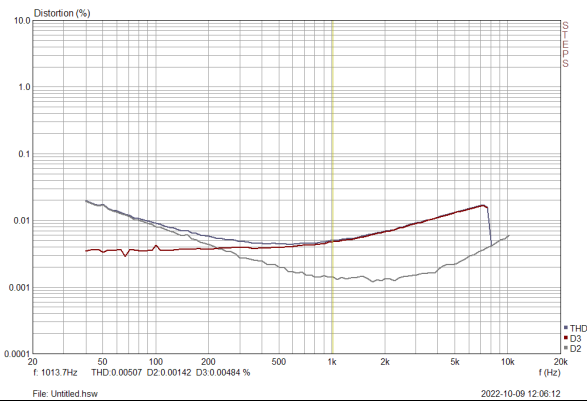
THD über Frequenz – 2W@4R – A



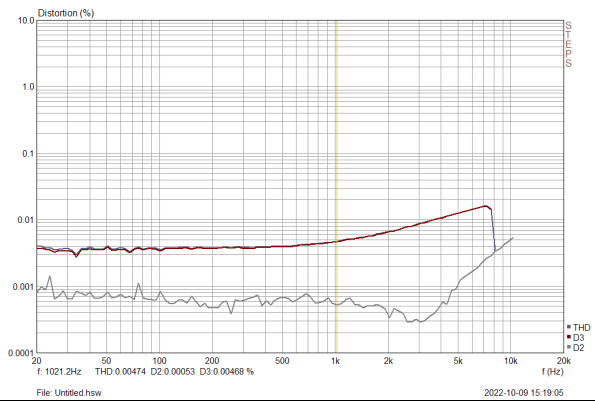
THD über Frequenz (XLR) – 2W@4R – A



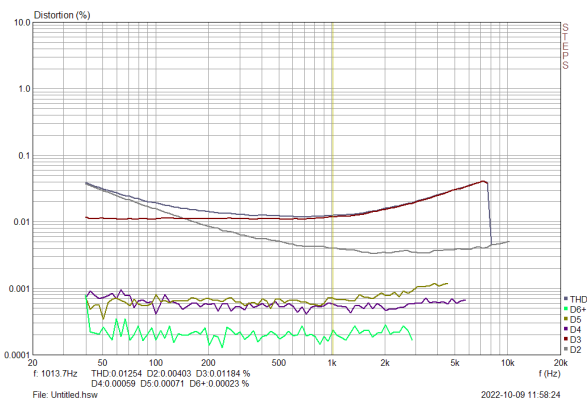
THD über Frequenz – 4W@2R – A



THD über Frequenz (XLR) – 4W@2R – A



THD über Frequenz – 1W@8R – Low



THD über Frequenz – 60W@8R – A

