

6S3P-E RIAA

6.12.2019

1. Gain at 1 kHz 40,3 dB ($A=103$)
 2. Frequency response +0...-0,38 dB ref. RIAA
 3. Noise (HP 300 Hz...LP 20 kHz) = 75 μ V, which is 0,75 μ V at input, input terminated with 50 ohms resistor. (as a reference: 6N2P-EV RIAA, noise 1,6 μ V, i.e. + 6,6 dB)
<https://www.hifiharrastajat.org/foor...iaa-2-0/page13> (#259)
 4. Hum: open PCB prevents so far to measure this.
 5. THD/output level: 1 Vrms, THD = 0,08%, 3 Vrms, THD = 0,17%
 6. Input capacitance: 95 pF, (includes Miller-capacitance), 1. stage gain = 29,8 dB ($A=30,8$)
According to tube data $C_{gk} = 6,9 \text{ pF} \pm 1 \text{ pF}$ and $C_{ga} = 2,2 \text{ pF}$, so C_{input} should be some 75 pF (excluding the effects of PCB, lay-out and other components)
-