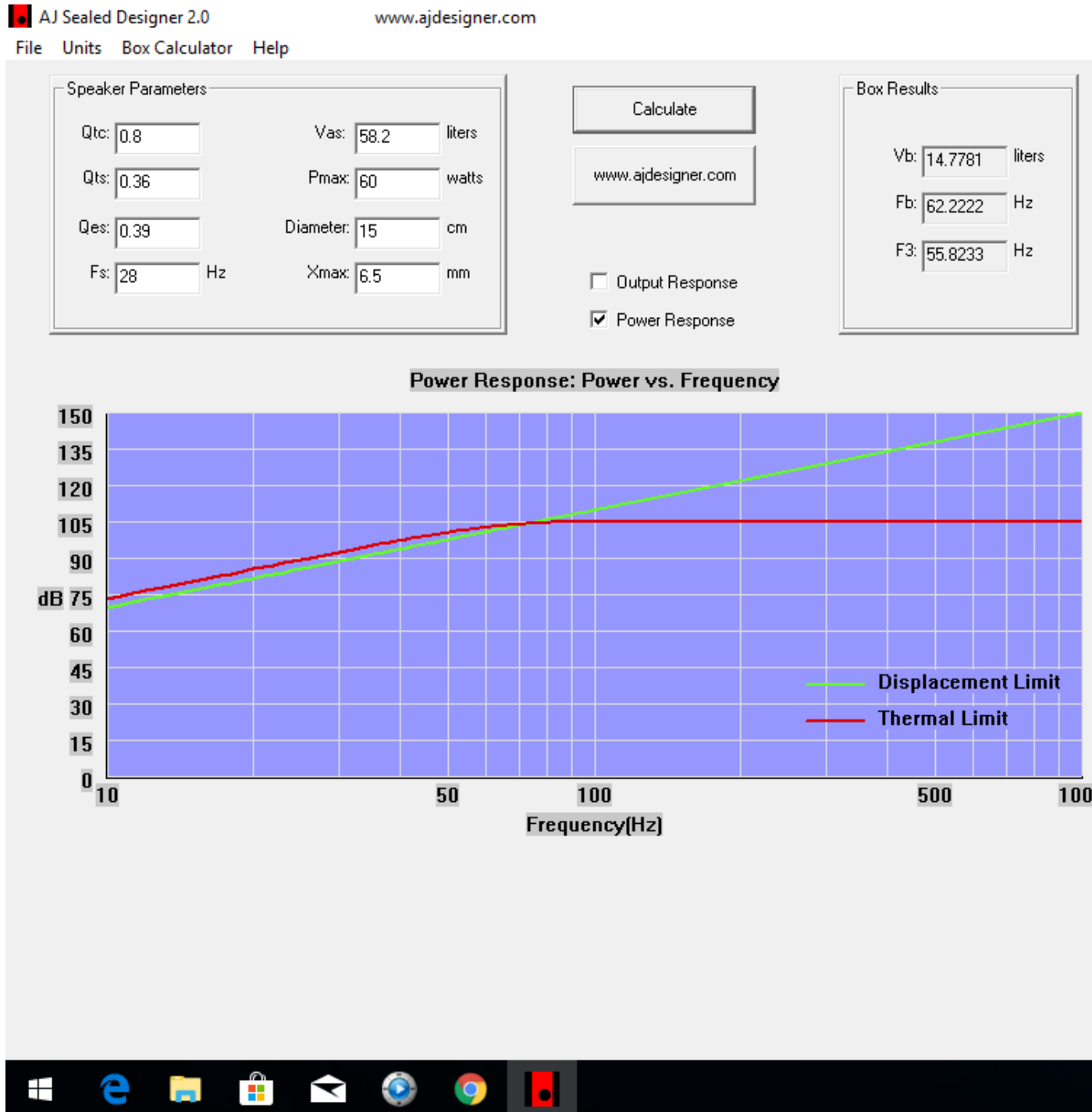


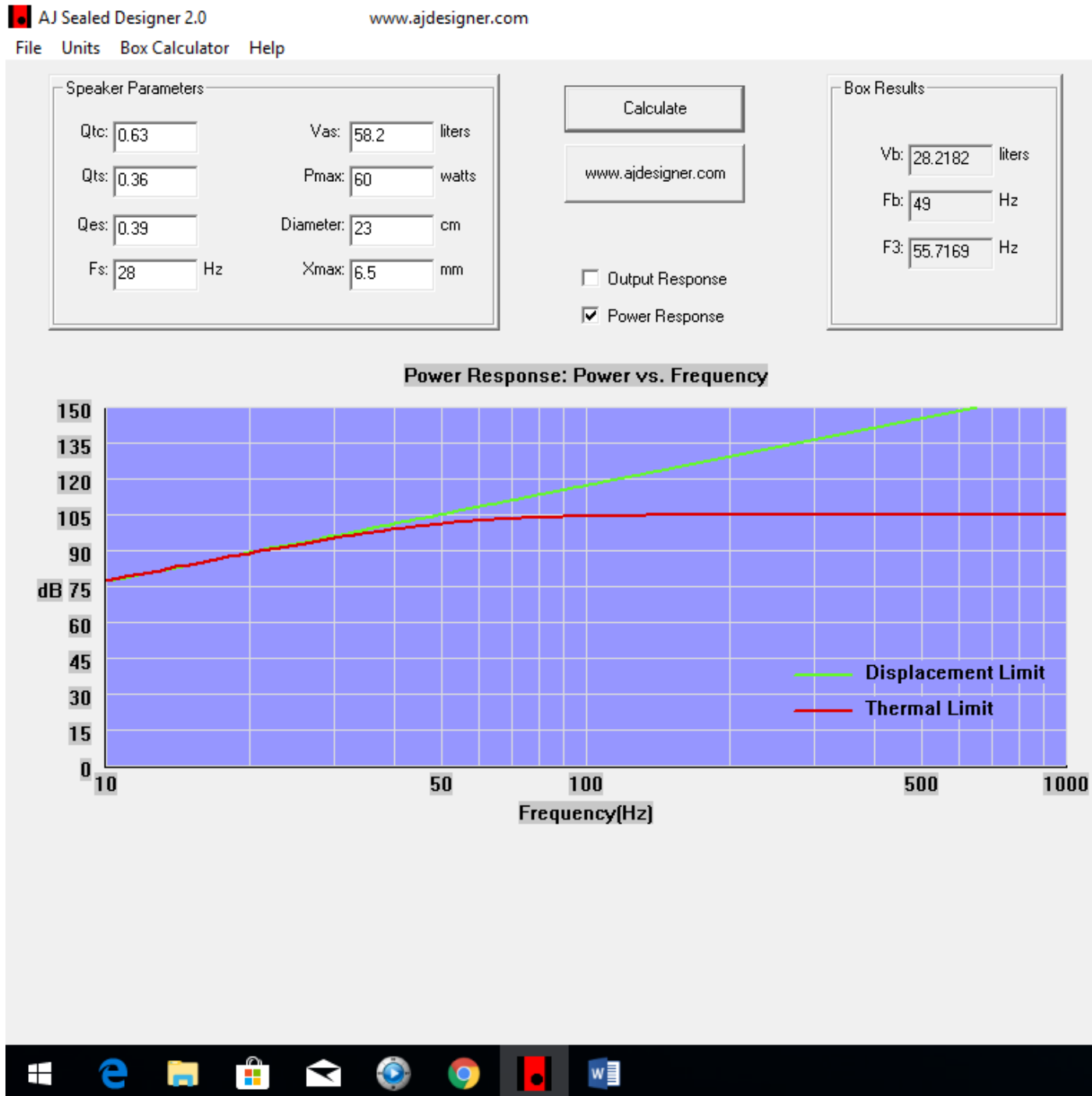
Sims for single Scan Speak 18W / 8531/ G00 in sealed box

$Q = 0.8$ gives V_b of 14 litres. Max cotinuous SPL at 80Hz = 105dB.... This requires full Xmax travel of +/- 6.5mm.

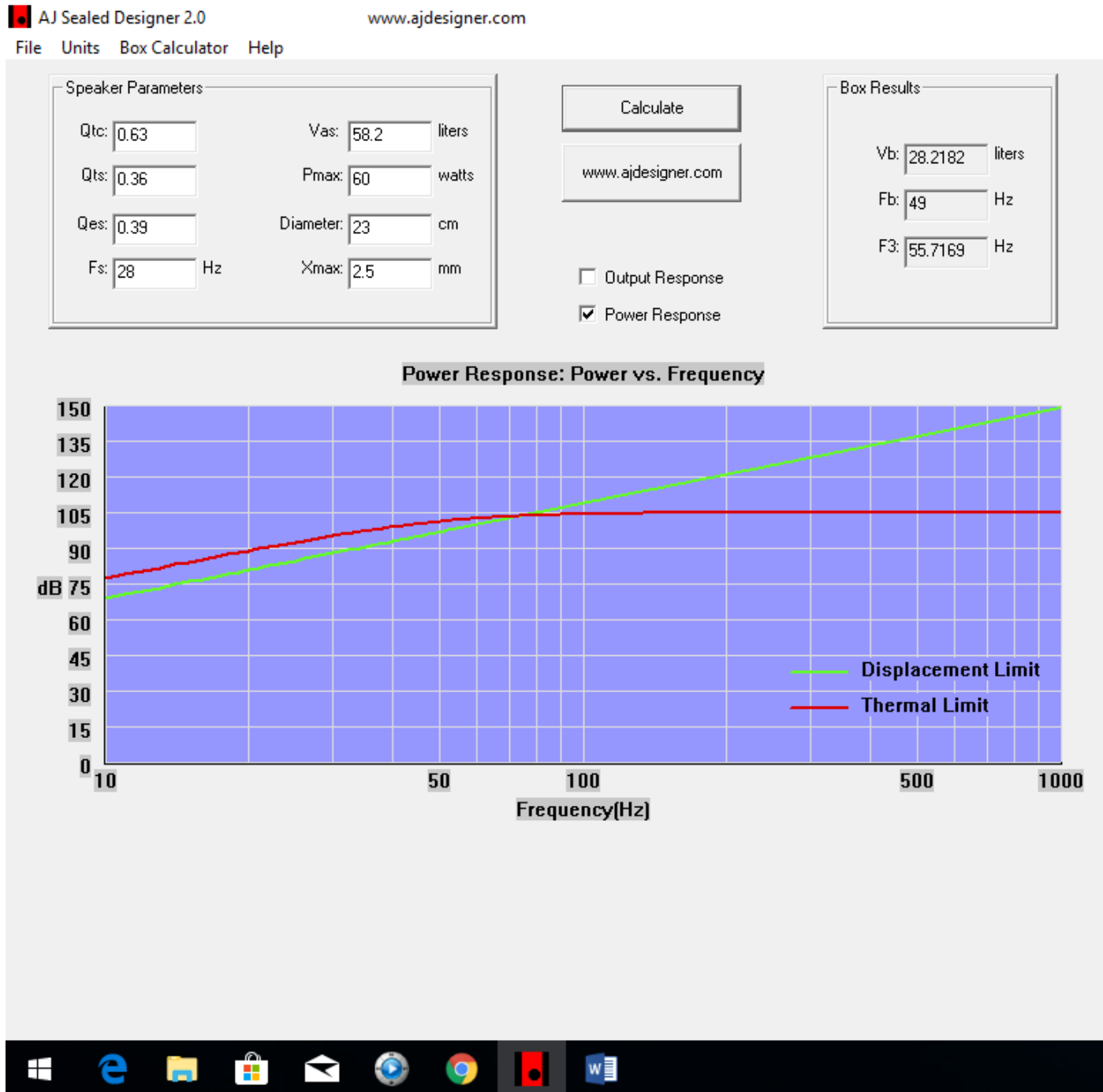


Sims for twin (assume diameter 23cm to = Sd of 300) Scan Speak 18W / 8531/

Q = 0.63 gives Vb of 28 litres. Max cotinuous SPL at 80Hz = 105dB.... This requires full Xmax travel of **+/- 2.5mm**.



Xmax sim with 2.5mm = Max SPL Still = 105dB... It's the Q that makes the difference.

☒ Displacement Limit
☐ Thermal Limit