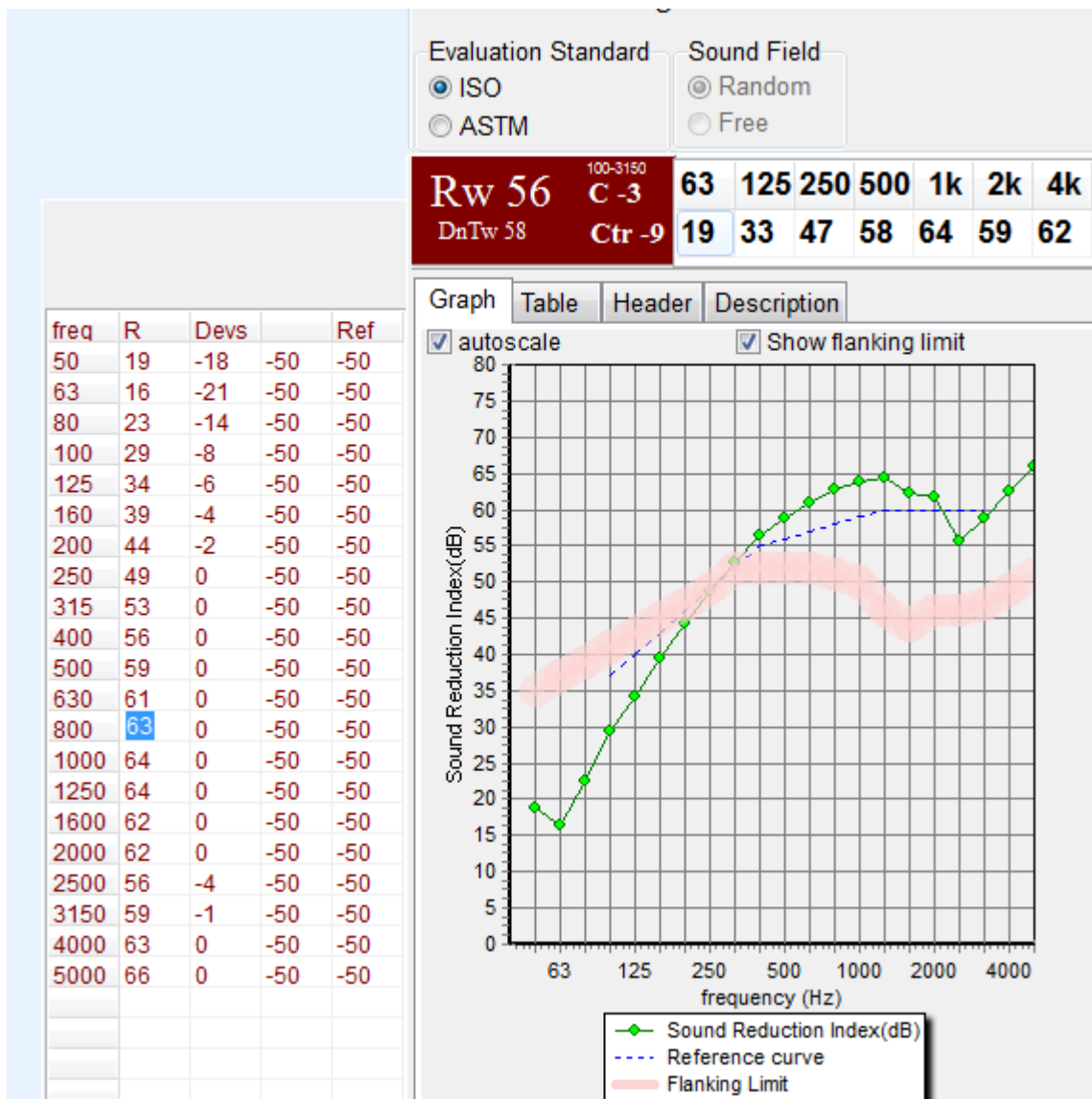


2. Results

2.1 The results of our calculations are as follows:

2.2 The graph shows plots of the R_w reference curve (dashed blue line), the sound reduction at different frequencies and the flanking limit. Flanking is when sound vibrations pass through a structure along an indirect path. These paths are most common studs, electrical outlets,



T.E. Mackenzie-Hoy Pr. Eng. Bsc (Elec) M.S.A.I.E.E., M.S.P.E., IngP (Eur), AmASA (Director)

T. Tanzer BSc (Mech), Rachel Viljoen BEng (Mechatronics), M. Attwood (Adv Dip S.Eng), G. Meredith BTEch (Elec)
T. Matora BSc (Mechatronics), M.C. van der Spuy BSc (Elec), BSc (Elec) Hons Tuks