Cel-Fi P34-2/4/5/12 MSCL Calculation

The MSCL for the Cel-Fi P34-2/4/5/12 is calculated per the formula in Annex B3 in KDB 935210. Using this formula, the MSCL for the high band frequencies is

L_p = 20 log(f) + 20log(d) -27.5

         = 20 log(1850) + 20 log(1) – 27.5

         = 38dB

For the low band frequencies, the MSCL is

L_p = 20 log(f) + 20log(d) -27.5

         = 20 log(884) + 20 log(1) – 27.5

         = 31dB