Processing gain calculation for MF24 family

Processing gain calculation was done according to para. no. 15.247(e)(1)

Data was taken over f0 ± 2.5 MHz.
Worst case J/S =   -1.5 dB   @ f0 – 1.50 MHz
Best case J/S   =   +5.5 dB   @ f0 + 2.50 MHz
Discarding the worst 20% J/S data points, all remaining data points are within ±1.0 dB
(-1.0 dB < J/S < 1.0 dB).

Accuracy of measurements is ±1.0 dB

BER: 1×10^{-5}
S/N_{OUT}:   10.2 dB
J/S Ratio: -1.0 dB
L_{SYS}:   2.0 dB

Processing gain = 10.2 + (-1.0) + 2.0 = 11.2 dB