$$MU-CQI_a=\frac{\left|\boldsymbol{h}_k^H\boldsymbol{w}_i\right|^2}{2\sigma_k^2+\left|\boldsymbol{h}_k^H\boldsymbol{w}_a\right|^2}=\frac{\dfrac{\left|\boldsymbol{h}_k^H\boldsymbol{w}_i\right|^2}{\sigma_k^2}}{2+\dfrac{\left|\boldsymbol{h}_k^H\boldsymbol{w}_a\right|^2}{\sigma_k^2}}=\frac{SU-CQI}{2+MUI_a}$$