|  |  |  |
| --- | --- | --- |
|  | Image | SNR |
| RSS | sqrt(sum(IKC.\*conj(IKC),3)) | sqrt(2)\*abs( \*IKC’ \* \*IKC)  /  Sqrt(abs(\*IKC' \* Psi\* \*IKC)); |
| RSS Psi  Usecovariance matrix false | sqrt(IKC\*Psi^-1\*conj(IKC)) | sqrt(2) \*IM |
| B1 | Abs(S\*Psi^-1\*IKC) | Sqrt(2)\*IM / sqrt(S\*Psi^-1\*S); |
| SENSE |  | U\*IKC./diag(U\*Psi^-1\*U) |
| GRAPPA |  |  |
|  |  |  |

IKC=ifft coil image (image domain)

S coil sensitivty map (image domain)

U=((S\*Psi^-1\*S)^-1) \* S\*Psi^-1 unmixed coefficients

IM= reconstructed image