**Table: PSNR Values in dB for Various Filters at noise variance of 0.08**

| **Image** | **Lee Filter (PSNR)** | **Kuan Filter (PSNR)** | **Frost Filter (PSNR)** | **SRAD**  **(PSNR)** | **Wavelet**  **(PSNR)** | **Guided**  **(PSNR)** | **Hybrid**  **(PSNR)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Image 1 (a1) | 31.50 | 31.25 | 39.56 | 40.08 | 31.49 | 34.91 | 41.57 |
| Image 2 (a12) | 28.97 | 28.39 | 37.52 | 38.07 | 28.45 | 32.57 | 39.53 |
| Image 3 (a24) | 28.20 | 27.20 | 36.43 | 36.94 | 27.34 | 31.83 | 38.62 |
| Image 4 (b1) | 32.95 | 32.50 | 39.86 | 40.56 | 33.13 | 36.70 | 41.95 |
| Image 5 (b12) | 31.01 | 30.09 | 37.59 | 38.32 | 30.75 | 34.26 | 39.83 |
| Image 6 (b24) | 26.84 | 25.47 | 35.07 | 35.76 | 25.42 | 29.99 | 37.55 |
| Image 7 (g1) | 32.75 | 32.30 | 39.80 | 40.44 | 33.13 | 36.12 | 41.88 |
| Image 8 (g12) | 31.97 | 31.16 | 38.07 | 38.90 | 32.02 | 34.53 | 40.55 |
| Image 9 (g24) | 32.18 | 31.25 | 38.00 | 39.09 | 32.32 | 34.81 | 40.14 |
| Image 10 (h1) | 28.37 | 27.26 | 35.47 | 36.29 | 27.51 | 31.24 | 37.80 |
| Image 11 (h12) | 28.90 | 27.62 | 35.46 | 36.12 | 27.99 | 31.64 | 37.87 |
| Image 12 (h24) | 28.03 | 26.80 | 35.75 | 36.28 | 26.99 | 31.48 | 37.91 |
| Image 13 (h36) | 27.42 | 26.20 | 35.35 | 36.08 | 26.30 | 30.84 | 37.74 |
| Image 14 (h48) | 27.89 | 26.69 | 35.26 | 36.00 | 26.81 | 31.05 | 37.26 |
| Image 15 (h60) | 31.05 | 30.58 | 39.17 | 39.59 | 30.89 | 35.11 | 41.07 |

**Table: RMSE Values for Various Filters at noise variance of 0.08**

| **Image** | **Lee Filter (RMSE)** | **Kuan Filter (RMSE)** | **Frost Filter (RMSE)** | **SRAD**  **(RMSE)** | **Wavelet**  **(RMSE)** | **Guided**  **(RMSE)** | **Hybrid**  **(RMSE)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Image 1 (a1) | 0.02662 | 0.02737 | 0.01052 | 0.00983 | 0.02667 | 0.01800 | 0.00835 |
| Image 2 (a12) | 0.03561 | 0.03805 | 0.01331 | 0.01248 | 0.03790 | 0.02352 | 0.01056 |
| Image 3 (a24) | 0.03892 | 0.04363 | 0.01509 | 0.01423 | 0.04249 | 0.02562 | 0.01173 |
| Image 4 (b1) | 0.02251 | 0.02371 | 0.01016 | 0.00937 | 0.02206 | 0.01463 | 0.00799 |
| Image 5 (b12) | 0.02817 | 0.03129 | 0.01320 | 0.01213 | 0.02902 | 0.01936 | 0.01020 |
| Image 6 (b24) | 0.04551 | 0.05327 | 0.01764 | 0.01630 | 0.05361 | 0.03164 | 0.01326 |
| Image 7 (g1) | 0.02304 | 0.02428 | 0.01023 | 0.00950 | 0.02206 | 0.01563 | 0.00805 |
| Image 8 (g12) | 0.02522 | 0.02766 | 0.01249 | 0.01135 | 0.02505 | 0.01878 | 0.00939 |
| Image 9 (g24) | 0.02459 | 0.02738 | 0.01259 | 0.01111 | 0.02420 | 0.01818 | 0.00985 |
| Image 10 (h1) | 0.03817 | 0.04336 | 0.01685 | 0.01532 | 0.04210 | 0.02743 | 0.01288 |
| Image 11 (h12) | 0.03587 | 0.04158 | 0.01687 | 0.01563 | 0.03984 | 0.02619 | 0.01278 |
| Image 12 (h24) | 0.03967 | 0.04572 | 0.01632 | 0.01535 | 0.04473 | 0.02666 | 0.01272 |
| Image 13 (h36) | 0.04256 | 0.04895 | 0.01708 | 0.01570 | 0.04841 | 0.02870 | 0.01297 |
| Image 14 (h48) | 0.04032 | 0.04629 | 0.01727 | 0.01585 | 0.04567 | 0.02801 | 0.01371 |
| Image 15 (h60) | 0.02802 | 0.02959 | 0.01100 | 0.01048 | 0.02855 | 0.01755 | 0.00884 |