# Analisi dei Casi Limite per la Qualità delle Immagini

## SSIM - Peggiori

|  |  |  |  |
| --- | --- | --- | --- |
| Immagine | Laplacian Variance | PSNR | SSIM |
| 256\_SAMSUNG-GALAXY-GRAND-PRIME\_F.jpg | 155.4123 | 25.5914 | 0.529528 |
| 295\_HONOR-7X\_M.jpg | 144.1068 | 24.6407 | 0.661249 |
| 115\_NIKON-D3400-35MM\_M.JPG | 101.3663 | 25.6399 | 0.663018 |
| 297\_NIKON-D3400-35MM\_M.JPG | 64.8841 | 29.0487 | 0.684822 |

## SSIM - Migliori

|  |  |  |  |
| --- | --- | --- | --- |
| Immagine | Laplacian Variance | PSNR | SSIM |
| 266\_SONY-NEX-5T\_F.JPG | 22.3565 | 39.8010 | 0.988398 |
| 20\_XIAOMI-REDMI-3S\_F.jpg | 12.1131 | 47.0526 | 0.988492 |
| 233\_XIAOMI-REDMI-4\_F.jpg | 2.4313 | 46.0881 | 0.989737 |
| 284\_SONY-NEX-5T\_F.JPG | 16.3876 | 48.8375 | 0.993233 |

## SSIM - Medi

|  |  |  |  |
| --- | --- | --- | --- |
| Immagine | Laplacian Variance | PSNR | SSIM |
| 315\_HUAWEI-NOVA-LITE\_F.jpg | 21.1904 | 37.4110 | 0.943877 |
| 46\_IPHONE-8-PLUS\_M.jpg | 17.9691 | 33.5035 | 0.944645 |
| 268\_NIKON-D3400-18-55MM\_M.JPG | 31.0087 | 34.2911 | 0.944708 |
| 302\_IPHONE-SE\_F.jpeg | 13.4202 | 38.2244 | 0.944782 |

## PSNR - Peggiori

|  |  |  |  |
| --- | --- | --- | --- |
| Immagine | Laplacian Variance | PSNR | SSIM |
| 53\_NIKON-D3400-35MM\_M.JPG | 545.4379 | 18.7602 | 0.813196 |
| 23\_HUAWEI-P20\_M.jpg | 385.5203 | 18.9367 | 0.707992 |
| 131\_NIKON-D3400-18-55MM\_M.JPG | 297.9974 | 20.3101 | 0.715097 |
| 301\_NIKON-D3400-35MM\_M.JPG | 248.0387 | 21.4681 | 0.693521 |

## PSNR - Migliori

|  |  |  |  |
| --- | --- | --- | --- |
| Immagine | Laplacian Variance | PSNR | SSIM |
| 233\_XIAOMI-REDMI-4\_F.jpg | 2.4313 | 46.0881 | 0.989737 |
| 20\_XIAOMI-REDMI-3S\_F.jpg | 12.1131 | 47.0526 | 0.988492 |
| 125\_NIKON-D3400-35MM\_F.JPG | 4.4713 | 48.4795 | 0.985213 |
| 284\_SONY-NEX-5T\_F.JPG | 16.3876 | 48.8375 | 0.993233 |

## PSNR - Medi

|  |  |  |  |
| --- | --- | --- | --- |
| Immagine | Laplacian Variance | PSNR | SSIM |
| 130\_NIKON-D3400-18-55MM\_F.JPG | 23.3151 | 35.2494 | 0.950439 |
| 97\_HONOR-7X\_F.jpg | 16.5377 | 35.2547 | 0.949056 |
| 212\_IPHONE-SE\_M.jpg | 31.5171 | 35.2843 | 0.947003 |
| 207\_SAMSUNG-GALAXY-J7\_M.jpg | 13.1511 | 35.3001 | 0.915204 |

## Laplacian - Peggiori

|  |  |  |  |
| --- | --- | --- | --- |
| Immagine | Laplacian Variance | PSNR | SSIM |
| 320\_HONOR-7X\_F.jpg | 0.000876645 | 43.8910 | 0.965031 |
| 320\_HONOR-7X\_M.jpg | 0.4898 | 42.5832 | 0.952642 |
| 101\_NIKON-D3400-35MM\_F.JPG | 2.4275 | 38.9258 | 0.960801 |
| 233\_XIAOMI-REDMI-4\_F.jpg | 2.4313 | 46.0881 | 0.989737 |

## Laplacian - Migliori

|  |  |  |  |
| --- | --- | --- | --- |
| Immagine | Laplacian Variance | PSNR | SSIM |
| 301\_NIKON-D3400-35MM\_M.JPG | 248.0387 | 21.4681 | 0.693521 |
| 131\_NIKON-D3400-18-55MM\_M.JPG | 297.9974 | 20.3101 | 0.715097 |
| 23\_HUAWEI-P20\_M.jpg | 385.5203 | 18.9367 | 0.707992 |
| 53\_NIKON-D3400-35MM\_M.JPG | 545.4379 | 18.7602 | 0.813196 |

## Laplacian - Medi

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| --- | --- | --- | --- |
| Immagine | Laplacian Variance | PSNR | SSIM |
| 66\_HONOR-8X\_M.jpg | 18.6779 | 34.0843 | 0.816610 |
| 332\_XIAOMI-PROCOFONE-F1\_M.jpg | 18.7275 | 37.1965 | 0.965004 |
| 334\_XIAOMI-PROCOFONE-F1\_F.jpg | 18.7362 | 34.0704 | 0.941866 |
| 38\_HONOR-8X\_F.jpg | 18.7789 | 35.7647 | 0.973318 |