**Unfiltered Data**

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| --- | --- | --- |
| **R Channel** | **G Channel** | **B Channel** |
| Mean squared error: 334.71  Coefficient of determination: -2.41  Mean Absolute Error: 13.62 | Mean squared error: 288.53  Coefficient of determination: -1.94  Mean Absolute Error: 11.91 | Mean squared error: 368.50  Coefficient of determination: -2.75  Mean Absolute Error: 13.70 |

**Filtered Data:**

Filter Type: Low Pass Butterworth

Filter parameters:

1. Nyquist freq = 15Hz (half of sampling rate i.e 30fps)
2. Cutoff freq = 0.5Hz

Note: Filter Applied by KAUST group is unknown

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| **KAUST** | **R Channel** | **G Channel** | **B Channel** |
| Mean squared error: 10937389.66  Coefficient of determination: -111422.31  Mean Absolute Error: 483.00 | Mean squared error: 275.14  Coefficient of determination: -1.80  Mean Absolute Error: 12.77 | Mean squared error: 309.91  Coefficient of determination: -2.16  Mean Absolute Error: 12.31 | Mean squared error: 341.86  Coefficient of determination: -2.48  Mean Absolute Error: 12.64 |