Table 2 Worldview 3 Satellite Specifications

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| Spectral Bands | Coastal: 400-450, Pan: 450 - 800 nm, Blue: 450 – 510 nm, Green: 510-580 nm, Yellow: 585-625, Red: 630-690 nm, NIR: 770-1040 nm |
| Spatial Resolutions | 0.3 meters (pan), 1,24 meter (VNIR) |
| Data Quantization | 11 bit/pixel Pan and MS; 14 bit/pixel |
| Swath Width | 13.1 km |
| Revisit Frequency | 1 m GSD: < 1.0 day 4.5 days at 20° off-nadir or less |
| Geolocation Accuracy | < 3.0 m CE90 (Circular Error of 90%) |
| Orbit Altitude | 617 km |
| Orbit Type | Sun-synchronous |
| Orbit Period | 97 minutes |
| Revisit Time | 1 day at 1-metre GSD resolution  4.5 days at 20° off-nadir (0.59 m GSD) |

Source : (European Space Agency, 2024; Choudhury et al. 2021)