



FORMOSAT-5 DIMAP Product Data-sheet

| | | | |
|--|---------------------|------------------------------------|---|
|  NSPO | Product Type | FORMOSAT-5 Product Level4 PMS |  NAR Labs <small>National Applied Research Laboratories</small> National Space Organization |
| | Product Name | FS5_G001_PMS_L4UTM_20201129_053530 | |
| | Format | DIMAP | |
| | Raster | GeoTIFF | |



| Product Parameters | |
|------------------------------|---|
| Product Name | FS5_G001_PMS_L4UTM_20201129_053530 |
| Production Date-Time in UTC | 2020-11-30 03:59:29 |
| Acquisition Data-Time in UTC | 2020-11-29 05:35:30 |
| Spacecraft Name | FORMOSAT-5 |
| Processing Level | 04 |
| Geometric Processing Level | ORTHO |
| Radiometric Processing Level | SYSTEM |
| Spectrum Type | PMS |
| Producer Identification | MSGPS |
| Producer Link | http://www.nspo.narl.org.tw |

| Image Dimension | |
|---------------------------|--------------|
| Number of Spectral Bands | 4 |
| Number of Lines | 13695 |
| Number of Pixels per Line | 15206 |
| Pixel Spacing | 2.00 (meter) |

| Band Information | | | | |
|---------------------|-----------|------------|----------|----------|
| Band Identification | B1 (Bule) | B2 (Green) | B3 (Red) | B4 (NIR) |
| Gain Setting | 2 | 2 | 2 | 2 |
| Absolute Gain | 0.040742 | 0.035910 | 0.043739 | 0.035388 |
| Absolute Offset | 0.000000 | 0.000000 | 0.000000 | 0.000000 |

| Coordinate System | |
|-----------------------------------|---------------|
| Geocoding Table Identifictaion | EPSG 5.2 |
| Horizontal Coordinate System Type | PROJECTED |
| Horizontal Coordinate System Code | EPSG: 32644 |
| Horizontal Coordinate System Name | WGS 84/UTM44N |

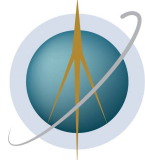
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| Vertex Location | | | | | | |
|-----------------|----------|----------|----------|-----------|--------|---------|
| | Line | Sample | Latitude | Longitude | X | Y |
| UL | 0.50 | 0.50 | N13.071 | E80.104 | 402859 | 1445171 |
| UR | 0.50 | 15205.50 | N13.072 | E80.384 | 433269 | 1445171 |
| LR | 13694.50 | 15205.50 | N12.824 | E80.385 | 433269 | 1417783 |
| LL | 13694.50 | 0.50 | N12.823 | E80.105 | 402859 | 1417783 |
| Center | 6847.00 | 7603.00 | N12.948 | E80.245 | 418065 | 1431477 |

| Incidences and Orientation (in units of degree) | |
|---|------------|
| Satellite Elevation | 89.179341 |
| Satellite Azimuth | 121.834693 |
| LOS Along Track Angle | -0.217934 |
| LOS Cross Track Angle | -0.666100 |
| Orientation | 192.260000 |
| Sun Elevation | 53.070000 |
| Sun Azimuth | 159.160000 |

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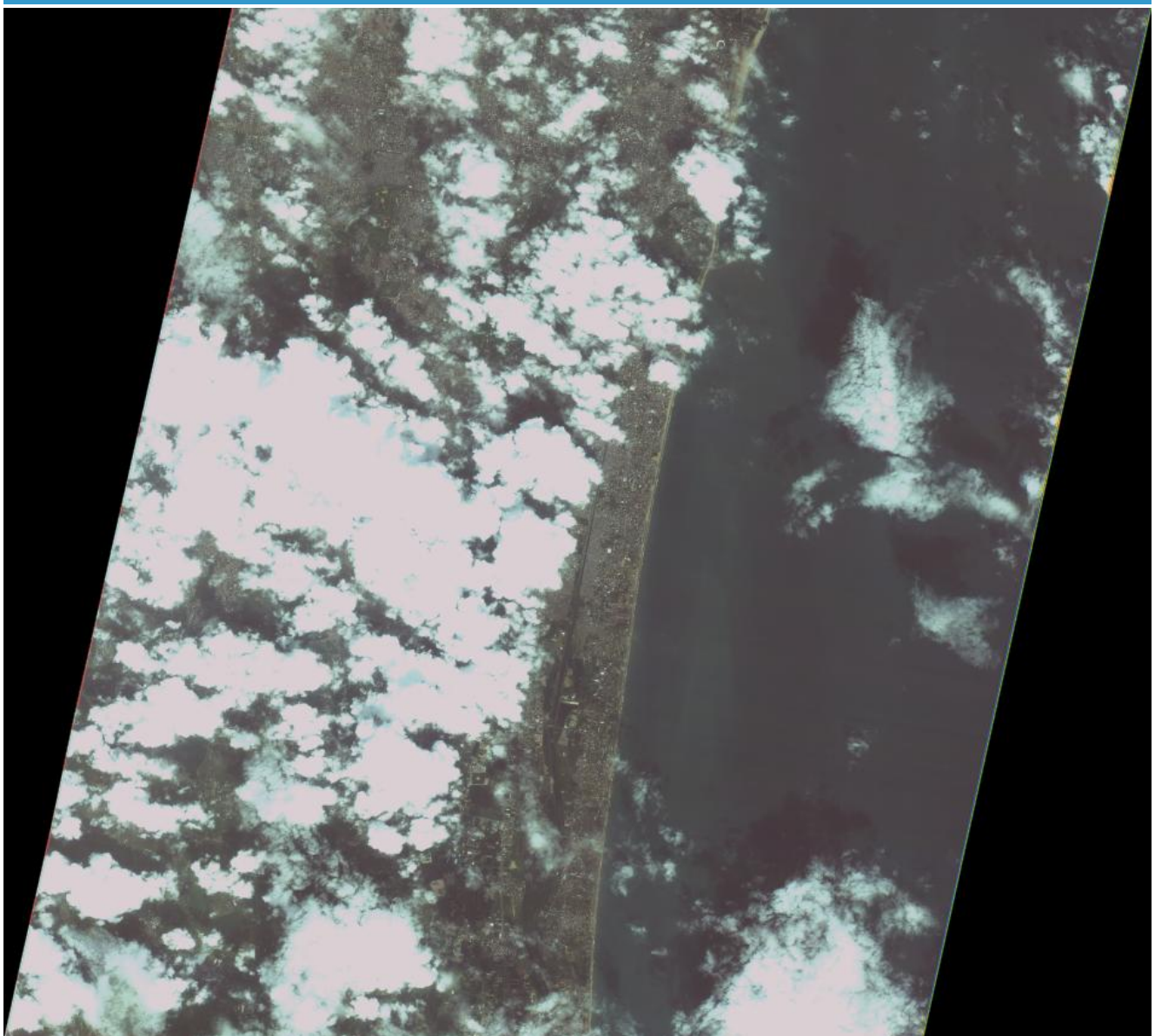
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FS5_G001_PMS_L4UTM_20201129_053530_qls.jpg



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Histogram of each bands

