



FORMOSAT-5 DIMAP Product Data-sheet

| | | | |
|--|---------------------|------------------------------------|---|
|  NSPO | Product Type | FORMOSAT-5 Product Level4 PAN |  NAR Labs <small>National Applied Research Laboratories</small> National Space Organization |
| | Product Name | FS5_G003_PAN_L4UTM_20201129_053534 | |
| | Format | DIMAP | |
| | Raster | GeoTIFF | |



| Product Parameters | |
|------------------------------|---|
| Product Name | FS5_G003_PAN_L4UTM_20201129_053534 |
| Production Date-Time in UTC | 2020-11-30 03:52:24 |
| Acquisition Data-Time in UTC | 2020-11-29 05:35:34 |
| Spacecraft Name | FORMOSAT-5 |
| Processing Level | 04 |
| Geometric Processing Level | ORTHO |
| Radiometric Processing Level | SYSTEM |
| Spectrum Type | PAN |
| Producer Identification | MSGPS |
| Producer Link | http://www.nspo.narl.org.tw |

| Image Dimension | |
|---------------------------|--------------|
| Number of Spectral Bands | 1 |
| Number of Lines | 13708 |
| Number of Pixels per Line | 14801 |
| Pixel Spacing | 2.00 (meter) |

| Band Information | |
|---------------------|----------|
| Band Identification | B0 (PAN) |
| Gain Setting | 2 |
| Absolute Gain | 0.039112 |
| Absolute Offset | 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 |

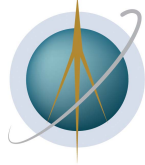
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| Vertex Location | | | | | | |
|-----------------|----------|----------|----------|-----------|--------|---------|
| | Line | Sample | Latitude | Longitude | X | Y |
| UL | 0.50 | 0.50 | N12.802 | E80.052 | 397081 | 1415403 |
| UR | 0.50 | 14800.50 | N12.803 | E80.324 | 426681 | 1415403 |
| LR | 13707.50 | 14800.50 | N12.555 | E80.325 | 426681 | 1387989 |
| LL | 13707.50 | 0.50 | N12.554 | E80.053 | 397081 | 1387989 |
| Center | 6854.00 | 7400.00 | N12.678 | E80.188 | 411881 | 1401695 |

| Incidences and Orientation (in units of degree) | |
|---|------------|
| Satellite Elevation | 89.179394 |
| Satellite Azimuth | 121.672155 |
| LOS Along Track Angle | -0.217541 |
| LOS Cross Track Angle | -0.667067 |
| Orientation | 192.320000 |
| Sun Elevation | 53.310000 |
| Sun Azimuth | 158.980000 |

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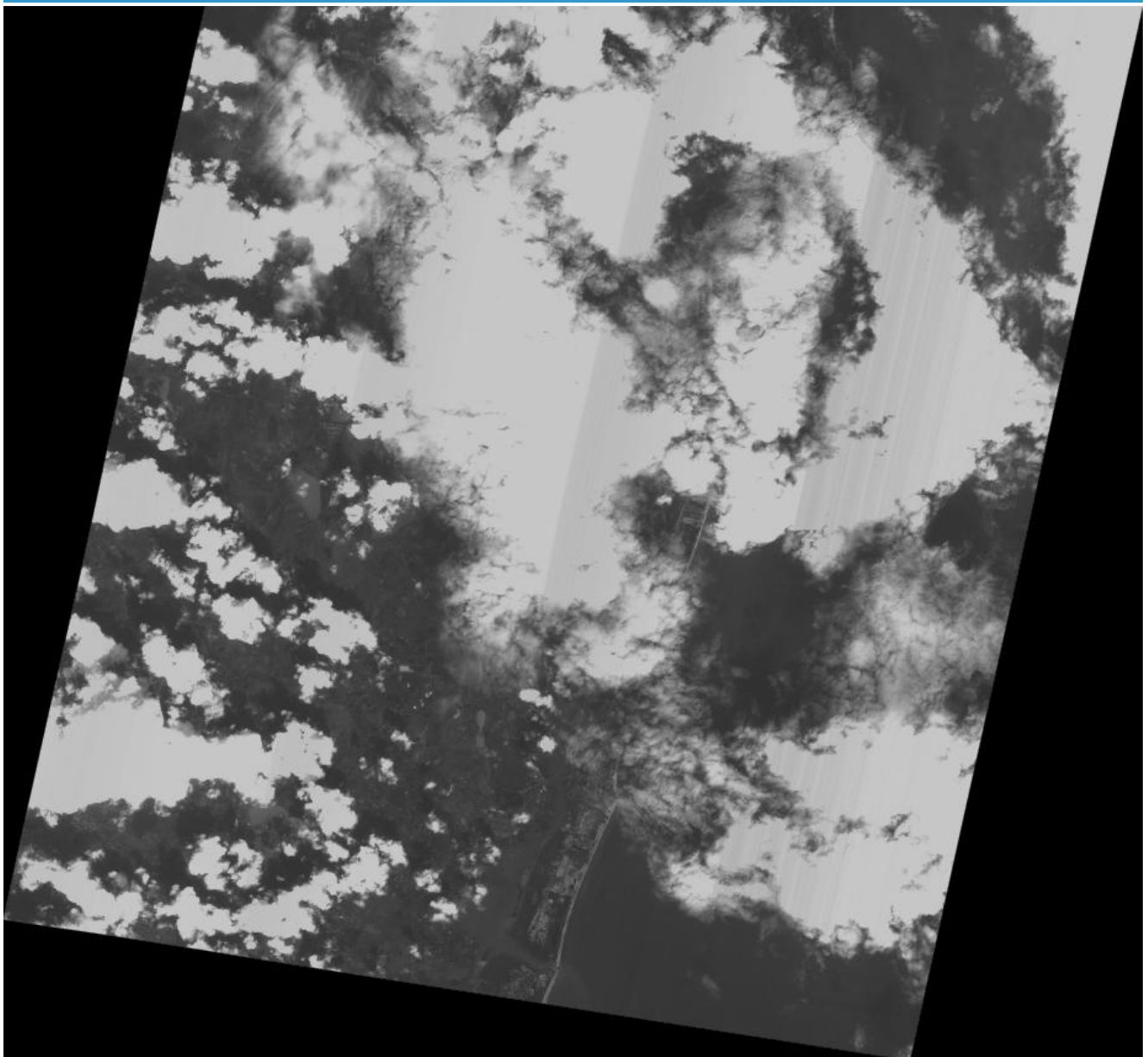
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FS5_G003_PAN_L4UTM_20201129_053534_q1s.jpg



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Histogram of each bands

