



FORMOSAT-5 DIMAP Product Data-sheet

| | | | |
|--------------------------------------------------------------------------------------------------|---------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  NSPO | Product Type | FORMOSAT-5 Product Level4 MS |  NAR Labs <small>National Applied Research Laboratories</small> National Space Organization |
| | Product Name | FS5_G003_MS_L4UTM_20201110_093633 | |
| | Format | DIMAP | |
| | Raster | GeoTIFF | |



| Product Parameters | |
|------------------------------|-----------------------------------------------------------------------|
| Product Name | FS5_G003_MS_L4UTM_20201110_093633 |
| Production Date-Time in UTC | 2020-11-10 15:43:26 |
| Acquisition Data-Time in UTC | 2020-11-10 09:36:33 |
| Spacecraft Name | FORMOSAT-5 |
| Processing Level | 04 |
| Geometric Processing Level | ORTHO |
| Radiometric Processing Level | SYSTEM |
| Spectrum Type | MS |
| Producer Identification | MSGPS |
| Producer Link | http://www.nspo.narl.org.tw |

| Image Dimension | |
|---------------------------|--------------|
| Number of Spectral Bands | 4 |
| Number of Lines | 7259 |
| Number of Pixels per Line | 8919 |
| Pixel Spacing | 4.00 (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: 32635 |
| Horizontal Coordinate System Name | WGS 84/UTM35N |

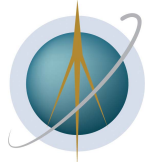
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| Vertex Location | | | | | | |
|-----------------|---------|---------|----------|-----------|--------|---------|
| | Line | Sample | Latitude | Longitude | X | Y |
| UL | 0.50 | 0.50 | N38.073 | E27.051 | 504502 | 4213862 |
| UR | 0.50 | 8918.50 | N38.072 | E27.458 | 540174 | 4213862 |
| LR | 7258.50 | 8918.50 | N37.810 | E27.456 | 540174 | 4184830 |
| LL | 7258.50 | 0.50 | N37.811 | E27.051 | 504502 | 4184830 |
| Center | 3629.00 | 4459.00 | N37.941 | E27.254 | 522338 | 4199346 |

| Incidences and Orientation (in units of degree) | |
|-------------------------------------------------|------------|
| Satellite Elevation | 70.953808 |
| Satellite Azimuth | 284.791522 |
| LOS Along Track Angle | 0.981608 |
| LOS Cross Track Angle | 17.044001 |
| Orientation | 195.210000 |
| Sun Elevation | 34.470000 |
| Sun Azimuth | 174.310000 |

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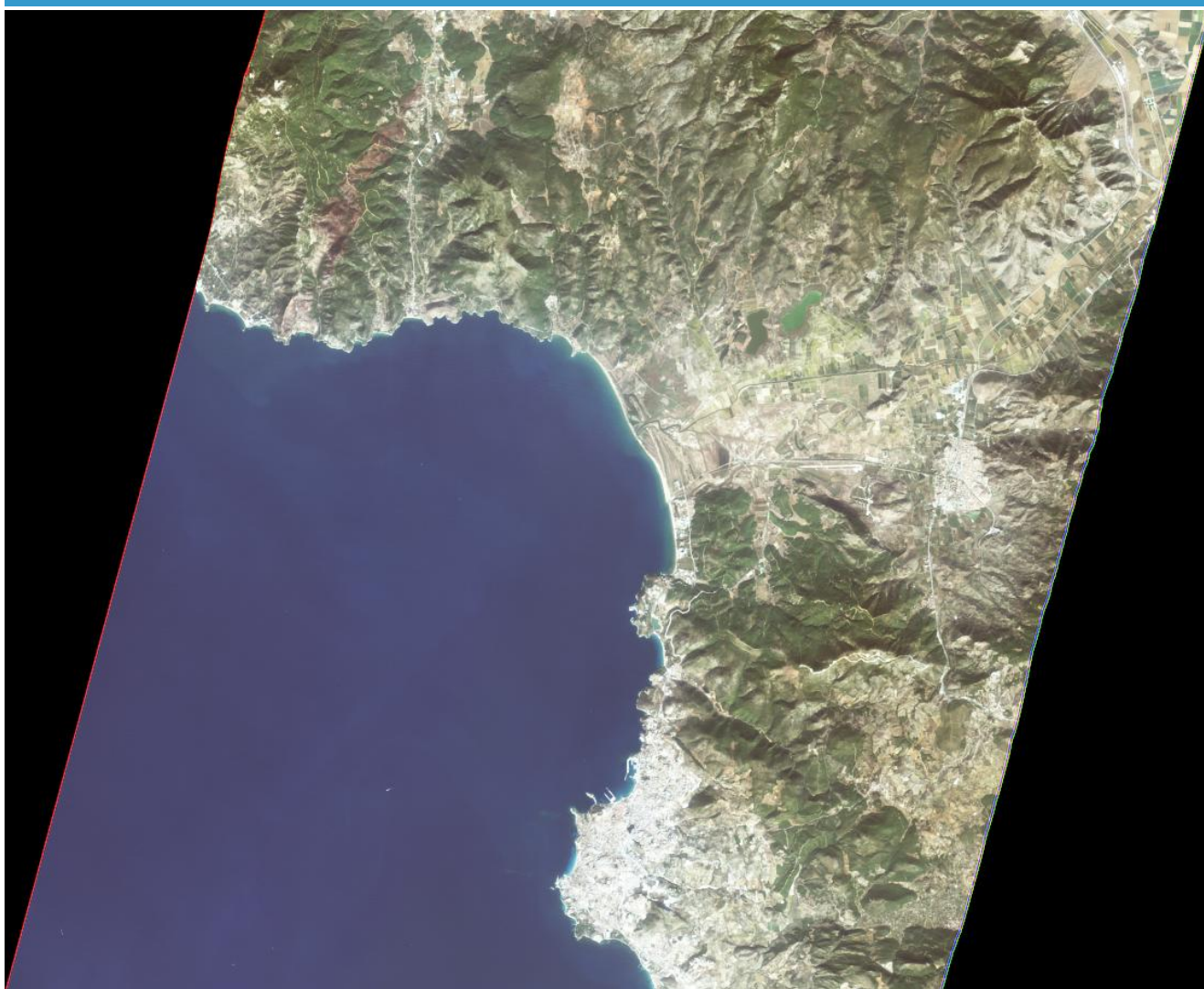
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FS5_G003_MS_L4UTM_20201110_093633_qis.jpg



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Histogram of each bands

