



# FORMOSAT-5 DIMAP Product Data-sheet

|  |                     |                                    |  |
|--|---------------------|------------------------------------|--|
| <br><b>NSPO</b> | <b>Product Type</b> | FORMOSAT-5 Product Level4 PMS      | <br><b>NAR Labs</b><br><small>National Applied Research Laboratories</small><br>National Space Organization |
|  | <b>Product Name</b> | FS5_G002_PMS_L4UTM_20201031_093625 |  |
|  | <b>Format</b>       | DIMAP                              |  |
|  | <b>Raster</b>       | GeoTIFF                            |  |



| Product Parameters           |   |
|------------------------------|---|
| Product Name                 | FS5_G002_PMS_L4UTM_20201031_093625                                    |
| Production Date-Time in UTC  | 2020-11-03 10:15:09   |
| Acquisition Data-Time in UTC | 2020-10-31 09:36:25   |
| Spacecraft Name              | FORMOSAT-5  |
| Processing Level             | 04  |
| Geometric Processing Level   | ORTHO   |
| Radiometric Processing Level | SYSTEM  |
| Spectrum Type                | PMS   |
| Producer Identification      | MSGPS   |
| Producer Link                | <a href="http://www.nspo.narl.org.tw">http://www.nspo.narl.org.tw</a> |

| Image Dimension           |              |
|---------------------------|--------------|
| Number of Spectral Bands  | 4            |
| Number of Lines           | 14430        |
| Number of Pixels per Line | 16780        |
| 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: 32635   |
| Horizontal Coordinate System Name | WGS 84/UTM35N |

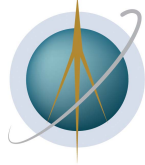
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| Vertex Location |          |          |          |           |        |         |
|-----------------|----------|----------|----------|-----------|--------|---------|
|                 | Line     | Sample   | Latitude | Longitude | X      | Y       |
| UL              | 0.50     | 0.50     | N38.298  | E26.855   | 487287 | 4238845 |
| UR              | 0.50     | 16779.50 | N38.297  | E27.238   | 520845 | 4238845 |
| LR              | 14429.50 | 16779.50 | N38.037  | E27.238   | 520845 | 4209987 |
| LL              | 14429.50 | 0.50     | N38.038  | E26.855   | 487287 | 4209987 |
| Center          | 7215.00  | 8390.00  | N38.168  | E27.046   | 504067 | 4224415 |

| Incidences and Orientation (in units of degree) |            |
|---|------------|
| Satellite Elevation                             | 73.208833  |
| Satellite Azimuth                               | 284.596029 |
| LOS Along Track Angle                           | 0.867909   |
| LOS Cross Track Angle                           | 15.035037  |
| Orientation                                     | 195.010000 |
| Sun Elevation                                   | 37.210000  |
| Sun Azimuth                                     | 173.840000 |

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**FS5\_G002\_PMS\_L4UTM\_20201031\_093625\_qls.jpg**



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## Histogram of each bands

