

FORMOSAT-2 DIMAP Product Data-sheet



Product Type FORMOSAT-2 Product Level4 PMS

Product Name FS2_G002_PMS_L4UTM_20110904_084719

Format DIMAP

Raster GeoTIFF

NAR Labs
National Applied Research Laboratories
National Space Organization

Product Parameters

Product Name	FS2_G002_PMS_L4UTM_20110904_084719
Production Date-Time in UTC	2020-11-04 03:06:29
Acquisition Data-Time in UTC	2011-09-04 08:47:18
Spacecraft Name	FORMOSAT-2
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	15434
Number of Pixels per Line	18764
Pixel Spacing	2.00 (meter)

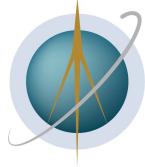
Band Information

Band Identification	B1 (Bule)	B2 (Green)	B3 (Red)	B4 (NIR)
Gain Setting	4	4	4	4
Absolute Gain	0.689736	0.713750	0.724963	0.613111
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	N38.360	E26.938	494621	4245711
UR	0.50	18763.50	N38.359	E27.368	532147	4245711
LR	15433.50	18763.50	N38.081	E27.367	532147	4214845
LL	15433.50	0.50	N38.081	E26.939	494621	4214845
Center	7717.00	9382.00	N38.220	E27.153	513385	4230277

Incidences and Orientation (in units of degree)

Satellite Elevation	63.188420
Satellite Azimuth	288.153886
LOS Along Track Angle	1.798898
LOS Cross Track Angle	23.291140
Orientation	197.440000
Sun Elevation	53.610000
Sun Azimuth	143.240000

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Histogram of each bands

