

## Display Menu - Dual Data Sets



### Description:

The [PolSARpro Software](#) offers the possibility to create and export images in an 8-bit or 24-bit dynamic range (Windows Bitmap and TIFF formats) for inclusion in reports, or import to GIS software.

The different display functionalities can be applied on the following raw binary data type :

- **[ S2 ] Master**: 2x2 complex Scattering Matrix raw binary data [Master Directory](#)
- **[ S2 ] Slave**: 2x2 complex Scattering Matrix raw binary data – [Slave Directory](#)
- **[ T6 ]** : 6x6 complex Coherency Matrix raw binary data.
- **( Sxx, Sxy ) Master** : Dual polarimetric complex Scattering Elements raw binary data
- **( Sxx, Sxy ) Slave** : Dual polarimetric complex Scattering Elements raw binary data
- **[ T4 ]** : 4x4 complex Coherency Matrix raw binary data.

Each [Data Button](#) gives access to the following display functionalities:

- **Create BMP file** is used to create an 8-bit or 24-bit dynamic range (Windows Bitmap and TIFF formats) bitmap image file of parameters extracted from a polarimetric raw binary data file.
- **Create RGB file** is used to create a 24-bit colour BMP image (Windows Bitmap format) containing contrasted red, green and blue channels assigned to the different polarimetric binary raw data files and combinations.
- **Create HSL file** is used to create a 24-bit colour BMP image (Windows Bitmap format) containing contrasted hue, saturation and light channels assigned to the different polarimetric binary raw data files and combinations.
- **BMP Viewer** : Launches the PolSARpro BMP Viewer