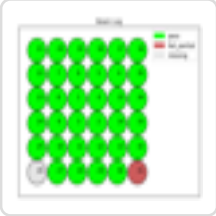
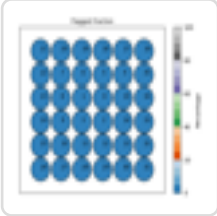
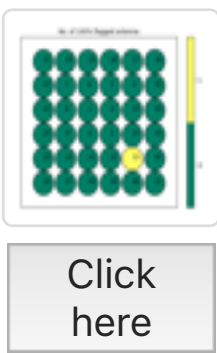
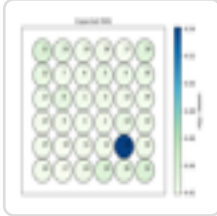


FLASH Spectral Line Data Validation Report

Observation

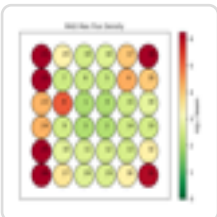
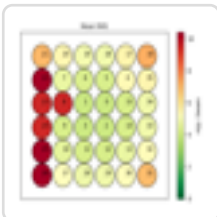
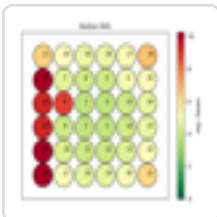
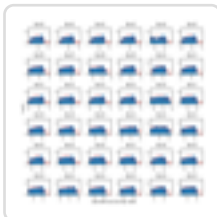
SBID	No. of Antennas	Obs Start Date/Time (UTC)	Obs End Date/Time (UTC)	Duration (hr)	Field	R.A.	Decl.	Total Bandwidth (MHz)
15873	36	04-Sep-2020/13:45:40.5	04-Sep-2020/15:45:36.7	2.0	FLASH_160P	23:23:04.6	-50.05.45.2	288.0

Processed Image Cube

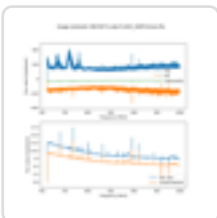


ASKAPsoft version	Cal SBID	Frequency Range (MHz)	Central Frequency (MHz)	No. of Channels	Channel Width (kHz)	Synthesised Beam (arcsec × arcsec)	Beam Logs	Flagged Fractions	Flagged Antennas	Expected RMS
1.0.16	15873	711.5-999.481	855.4907	15552	18.519	26.19 × 22.71				

Beams Statistics

Beam Image Cube	Continuum Subtracted Beam Cube	Residual Beam Cube
 Min, Max, 1 percentile	 Min, Max, 1 percentile	 Min, Max, 1 percentile
 Stdev, MADFM	 Stdev, MADFM	 Stdev, MADFM

Continuum Subtracted Beam Cube			
 MAD of Max Flux Density	 Mean RMS	 Median RMS	 1-percentile noise rank

Mosaic Statistics

Image Cube	Continuum Subtracted Cube	Residual Cube
		
Number of Bad Quality Channel	Number of Missing Data Channel	Bandpass Smoothing Issue*
n= 9 Click here	n= 3 Click here	Yes

* SBIDs processed prior to March 2021 were affected by issues with bandpass smoothing parameterisation, resulting in a higher incidence of glitches on 1 MHz intervals.

NVSS sources within 6 × 6 sq degree (Condon+ 1998)

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