

# List Of Phoenix Sources

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## 1 List Of Sources

Below I present the list of sources by unifying data from DB1-*www.galaxyclusters.com* and DB2(Bold font)-*https : //arxiv.org/pdf/1808.04057.pdf*

- The list is organized in ascending order of Redshift .
- First column indicates designation of source.Second column represents Redshift as provided in DB1 and Third column represents Redshift from DB2.
- The Sources with star marked designation are listed as candidates in DB1

Designation	Redshift1(z)	Redshift2	Frequency(MHz)	Surface Brightness(mJy)
AS753*	0.0130	<b>0.014</b>	2378	100
			330	8500
			1398	460
			843	1300
A4038	0.0303	<b>0.02819</b>	843	170±30
			80	19000±2700
			160	4300±500
			327	1440±150
			1400	61±3
			408	910±110
			30	32000±7000
<b>A2063</b>		<b>0.0349</b>		
<b>A548b-NW</b>		<b>0.0424</b>		
<b>A548b-N</b>		<b>0.0424</b>		
A85	0.0557	<b>0.0551</b>	843	200±30
			16	93000±24000
			80	34000±3700
			2700	10
			300	2739
			1400	43±3
			30	93000±13000
			408	1540±250
			1425	40.9±2.3
			160	8330±700
			327	3200±320
A133*	0.0603		4900	4±0.3
			2700	29±16
			1400	168±6
			843	530±60
			408	2620±250
			160	10900±1200
			80	35500±4300
			30	46000±13000
			330	3267.2±7.7
			1400	136.8±0.2
			327	2820±280
A725*		0.0900	1400	6±1
			327	76±9

Designation	Redshift1(z)	Redshift2	Frequency(MHz)	Surface Brightness(mJy)
A13*	0.0943	<b>0.0943</b>	160	2800±600
			1425	35.5±1.7
			80	6000±1200
			843	90±10
			160	2800±600
			1400	34±0
			408	490±80
			1400	31±0
			1400	30±3
			327	630±60
A2048	0.0980	<b>0.0972</b>	325	559±61
			1425	18.9±4.3
A2443	0.1080	<b>0.1080</b>	1425	6.5±0.5
			74	5310±175
			325	406±69
A1033*	0.1220		1341	53.9±7.3
			1465	45.8±1.3
			365	380±0
			1422	46.9±7.6
			1385	51.2±1.5
			608	220±0
<b>A1664</b>		<b>0.1283</b>		
24P73	0.1500		1400	12±3
			325	307±33

**Comments:**

- *The galaxy cluster database even if has classified the above as phoenix sources, There is a special mention of 'candidates' for few of the above sources in the surface brightness column, of which there is no description.*
- *The Redshift is measured from SDSS data. How do we have a discrepancy in redshift for some of the phoenix sources? How much important is redshift for us?*