
SUMMARY INFORMATION FOR uid__A002_X3e17df_X3fd.ms

Experiment Duration: 2012/04/24/02:26:55 to
2012/04/24/03:53:46

Processed from ms: uid__A002_X3e17df_X3fd.ms

Written to file: uid__A002_X3e17df_X3fd.ms.NewListObs.txt

SCAN LISTING

Scan	FdId	srcId	FieldName	StartTime	StopTime	Int(s)	Elev	ScanIntent
1	0	0	3C279	02:26:55.8	-02:28:30.2	1.01	69.0	Cal Pointi
2	0	0	3C279	02:29:24.4	-02:30:40.5	1.01	69.3	Cal Sideba
3	0	0	3C279	02:31:35.7	-02:32:04.6	1.01	69.6	Cal atmos=
4	0	0	3C279	02:33:06.7	-02:37:03.4	1.01	70.0	Cal Bandpa
5	1	1	Titan	02:38:09.7	-02:38:38.1	1.01	65.0	Cal atmos=
6	1	1	Titan	02:39:40.7	-02:44:59.6	1.01	65.7	Cal Phase,
7	2	2	J1332+0200	02:45:57.4	-02:47:31.9	1.01	60.1	Cal Pointi
8	2	2	J1332+0200	02:48:49.0	-02:49:17.8	1.01	60.4	Cal atmos=
9	2	2	J1332+0200	02:50:18.9	-02:50:49.8	1.01	60.6	Cal Phase
10	3	3	Abell 1835	02:51:52.2	-02:52:21.1	1.01	56.0	Cal atmos=
11	3	3	Abell 1835	02:53:24.4	-03:01:28.4	1.01	56.9	Obs Target
12	2	2	J1332+0200	03:02:07.4	-03:02:36.0	1.01	62.0	Cal atmos=
13	2	2	J1332+0200	03:03:19.9	-03:03:50.2	1.01	62.1	Cal Phase
14	3	3	Abell 1835	03:04:30.2	-03:04:58.8	1.01	57.9	Cal atmos=
15	3	3	Abell 1835	03:05:45.1	-03:13:49.4	1.01	58.7	Obs Target
16	2	2	J1332+0200	03:14:29.3	-03:14:57.7	1.01	63.2	Cal atmos=
17	2	2	J1332+0200	03:15:41.8	-03:16:12.1	1.01	63.3	Cal Phase
18	3	3	Abell 1835	03:16:52.1	-03:17:20.5	1.01	59.6	Cal atmos=
19	3	3	Abell 1835	03:18:07.0	-03:26:11.1	1.01	60.3	Obs Target
20	2	2	J1332+0200	03:26:16.4	-03:27:23.0	1.01	64.2	Cal atmos=
21	2	2	J1332+0200	03:28:16.4	-03:28:47.6	1.01	64.3	Cal Phase
22	3	3	Abell 1835	03:29:31.3	-03:29:59.9	1.01	61.1	Cal atmos=
23	3	3	Abell 1835	03:30:56.5	-03:39:00.7	1.01	61.7	Obs Target
24	2	2	J1332+0200	03:39:40.7	-03:40:09.4	1.01	64.8	Cal atmos=
25	2	2	J1332+0200	03:40:53.3	-03:41:24.0	1.01	64.8	Cal Phase
26	3	3	Abell 1835	03:42:04.7	-03:42:33.0	1.01	62.4	Cal atmos=
27	3	3	Abell 1835	03:43:19.6	-03:51:23.7	1.01	62.8	Obs Target
28	2	2	J1332+0200	03:52:03.7	-03:52:31.6	1.01	65.0	Cal atmos=
29	2	2	J1332+0200	03:53:15.1	-03:53:46.1	1.01	65.0	Cal Phase

FIELD INFORMATION

Fid	Srd	Field	RA (J2000)	DEC	Fld Time (min)	#Scans
0	0	3C279	12:56:11.16658	-05:47:21.5246	7.27	4
1	1	Titan	13:37:52.71965	-07:13:36.8137	5.79	2
2	2	J1332+0200	13:32:53.27000	+02:00:45.7000	7.49	13
3	3	Abell 1835	14:01:02.06880	+02:52:43.2120	42.73	10

FREQUENCY INFORMATION

spw	nchan	First	Last	Bandwidth	Channel Width	Pol
0	4	184.550	189.550	7.500		['I']
1	128	91.986762	90.002387	2.000	15.625	50.91 ['XX', 'YY']
2	1	90.978950	90.978950	1.797	1796.875	5919.21 ['XX', 'YY']
3	128	93.924262	91.939887	2.000	15.625	49.86 ['XX', 'YY']
4	1	92.916450	92.916450	1.797	1796.875	5795.78 ['XX', 'YY']
5	128	102.002387	103.986762	2.000	15.625	45.91 ['XX', 'YY']
6	1	102.978950	102.978950	1.797	1796.875	5229.45 ['XX', 'YY']
7	128	104.002387	105.986762	2.000	15.625	45.03 ['XX', 'YY']
8	1	104.978950	104.978950	1.797	1796.875	5129.82 ['XX', 'YY']
9	128	277.019673	275.035298	2.000	15.625	16.90 ['XX', 'YY']
10	1	277.011860	276.011860	1.797	1796.875	1951.09 ['XX', 'YY']
11	128	278.592187	276.607812	2.000	15.625	16.81 ['XX', 'YY']
12	1	277.584375	277.584375	1.797	1796.875	1940.04 ['XX', 'YY']
13	128	287.055797	289.040172	2.000	15.625	16.31 ['XX', 'YY']
14	1	288.032360	288.032360	1.797	1796.875	1869.66 ['XX', 'YY']
15	128	288.805797	290.790172	2.000	15.625	16.21 ['XX', 'YY']
16	1	289.782360	289.782360	1.797	1796.875	1858.37 ['XX', 'YY']
17	3840	276.964741	275.090229	1.875	0.488	0.53 ['XX', 'YY']
18	1	276.027241	276.027241	1.875	1875.000	2035.80 ['XX', 'YY']
19	3840	278.537256	276.662741	1.875	0.488	0.53 ['XX', 'YY']
20	1	277.599756	277.599756	1.875	1875.000	2024.27 ['XX', 'YY']
21	3840	287.110729	288.985241	1.875	0.488	0.51 ['XX', 'YY']
22	1	288.047741	288.047741	1.875	1875.000	1950.85 ['XX', 'YY']
23	3840	288.860729	290.735241	1.875	0.488	0.51 ['XX', 'YY']

ANTENNA INFORMATION

ID	Name	Pad	Size (m)	Longitude	Latitude	E-off (m)	N-off (m)	Elev (m)
0	DA41	A003	12.0	-67.45.16.50	-22.53.27.00	34.9	20.9	0.4
1	DA43	A075	12.0	-67.45.17.90	-22.53.21.41	-5.2	193.9	1.5
2	DA44	A068	12.0	-67.45.20.64	-22.53.25.68	-83.0	61.8	2.1
3	DA47	A026	12.0	-67.45.18.76	-22.53.28.30	-29.4	-19.3	0.7
4	DV02	A077	12.0	-67.45.10.11	-22.53.25.87	217.0	56.0	-5.2
5	DV03	A137	12.0	-67.45.15.25	-22.53.22.73	70.5	153.1	-0.4
6	DV05	A082	12.0	-67.45.08.30	-22.53.29.21	268.4	-47.4	-5.2
7	DV07	A076	12.0	-67.45.20.48	-22.53.33.79	-78.6	-189.1	3.1
8	DV08	A021	12.0	-67.45.17.24	-22.53.27.01	13.7	20.8	0.4
9	DV09	A046	12.0	-67.45.16.99	-22.53.29.27	20.8	-49.2	0.2
10	DV10	A071	12.0	-67.45.19.88	-22.53.23.46	-61.4	130.3	2.4
11	DV11	A045	12.0	-67.45.17.93	-22.53.30.07	-6.0	-73.9	1.1
12	DV12	A011	12.0	-67.45.14.38	-22.53.28.42	95.3	-22.9	0.1
13	DV13	A072	12.0	-67.45.12.58	-22.53.24.03	146.5	113.0	-2.8
14	DV14	A025	12.0	-67.45.18.67	-22.53.27.42	-27.0	8.1	0.7
15	DV15	A074	12.0	-67.45.12.07	-22.53.32.04	161.2	-135.0	-2.2
16	DV16	A069	12.0	-67.45.21.31	-22.53.30.15	-102.1	-76.5	2.3
17	DV17	A138	12.0	-67.45.17.07	-22.53.34.39	18.5	-207.7	5.0
18	DV18	A053	12.0	-67.45.17.30	-22.53.31.22	12.0	-109.4	0.5
19	PM02	T702	12.0	-67.45.18.57	-22.53.24.08	-24.2	111.3	0.6

number of antennas= 20 refAnt= 0

Bandpass scan=4: spw=17: pol=X

PHASE FLUCTUATIONS OVER BANDPASS SCAN
BEFORE AND AFTER WVR CORRECTION: uid__A002_X3e17df_X3fd.ms.wvr.smooth

Ant	spacing (m)	rms_before (deg)	rms_after (deg)	Percent before/after	Coherence percent
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DA43	177.5	44.6	33.9	76	69
DA44	124.8	36.3	27.4	76	79
DA47	75.9	31.5	31.9	101	72
DV02	185.5	50.1	168.7	336	96
DV03	136.9	32.1	173.9	541	96
DV05	243.4	64.1	171.1	267	98
DV07	238.8	60.2	30.0	50	75
DV08	21.2	7.6	30.6	405	74
DV09	71.6	38.1	30.4	80	74
DV10	145.8	40.8	175.4	430	99
DV11	103.3	44.9	29.2	65	76
DV12	74.6	30.7	31.0	101	74
DV13	144.7	34.2	30.7	90	74
DV14	63.3	22.2	27.6	124	79
DV15	200.7	162.3	164.8	102	93
DV16	168.1	49.8	30.0	60	75
DV17	229.3	63.5	31.4	49	73
DV18	132.4	51.7	32.0	62	72
PM02	108.0	34.7	33.2	96	70

wvrgcal output of average wvr for each antenna

#	Name	WVR?	Flag?	RMS (um)	Disc (um)
0	DA41	Yes	No	1.15e+03	666
1	DA43	Yes	No	1.04e+03	589
2	DA44	Yes	No	1.14e+03	672
3	DA47	Yes	No	1.21e+03	743
4	DV02	Yes	No	1.04e+03	601
5	DV03	Yes	No	1.03e+03	573
6	DV05	Yes	No	1.11e+03	670
7	DV07	Yes	No	1.21e+03	837
8	DV08	Yes	No	1.16e+03	707
9	DV09	Yes	No	1.23e+03	764
10	DV10	Yes	No	1.08e+03	615
11	DV11	Yes	No	1.25e+03	829
12	DV12	Yes	No	1.17e+03	730
13	DV13	Yes	No	1.02e+03	576
14	DV14	Yes	No	1.18e+03	688
15	DV15	Yes	No	1.29e+03	842
16	DV16	Yes	No	1.23e+03	834
17	DV17	Yes	No	1.22e+03	876
18	DV18	Yes	No	1.24e+03	857
19	PM02	Yes	No	1.09e+03	619

Expected performance

* Estimated WVR thermal contribution to path fluctuations (micron per antenna): 16.02
* Greatest Estimated path fluctuation is (micron on a baseline): 1069.46
* Rough estimate path error due to coefficient error (micron on a baseline): 1.84237

MEDIAN TSYS WITH SOURCE/ELEVATION
(see plots for details)

Scan	Fid	Source	Elev	Median T_x	Median T_y
3	0	3C279	69.6	181	177
5	1	Titan	65.0	178	176
8	2	J1332+0200	60.4	181	180
10	3	Abell 1835	56.0	185	184
12	2	J1332+0200	62.0	181	180
14	3	Abell 1835	57.9	186	185
16	2	J1332+0200	63.2	194	191
18	3	Abell 1835	59.6	184	183
20	2	J1332+0200	64.2	182	181
22	3	Abell 1835	61.1	185	183
24	2	J1332+0200	64.8	181	179
26	3	Abell 1835	62.4	195	190
28	2	J1332+0200	65.0	172	171

MEDIAN TSYS versus ANTENNA/SPW and OUTLIERS

TSYS MEDIAN		>3-sigma OUTLIERS			
SPW	XPOL	YPOL	antenna	Pol	n-sigma
	T	rms			
0	172	232	173	56	
1	173	54	169	39	16 DV16 X 956 3.4
2	190	48	194	58	
3	195	62	197	69	

SUMMARY INFORMATION FOR uid__A002_X3e17df_X3fd.ms.split

Experiment Duration: 2012/04/24/02:33:07 to
2012/04/24/03:53:46

Processed from ms: uid__A002_X3e17df_X3fd.ms.split

Written to file: uid__A002_X3e17df_X3fd.ms.split.NewListObs.txt

SCAN LISTING

Scan	FdId	srcId	FieldName	StartTime	StopTime	Int(s)	Elev	ScanIntent
4	0	0	3C279	02:33:07.2	-02:37:03.4	6.05	70.1	Cal Bandpa
6	1	1	Titan	02:39:41.0	-02:44:59.6	6.05	65.8	Cal Phase
9	2	2	J1332+0200	02:50:19.6	-02:50:49.8	6.05	60.7	Cal Phase
11	3	3	Abell 1835	02:53:25.1	-03:01:28.4	6.05	57.0	Obs Target
13	2	2	J1332+0200	03:03:19.9	-03:03:50.2	6.05	62.3	Cal Phase
15	3	3	Abell 1835	03:05:46.1	-03:13:49.4	6.05	58.8	Obs Target
17	2	2	J1332+0200	03:15:41.9	-03:16:12.1	6.05	63.5	Cal Phase
19	3	3	Abell 1835	03:18:07.9	-03:26:11.1	6.05	60.4	Obs Target
21	2	2	J1332+0200	03:28:17.3	-03:28:47.6	6.05	64.4	Cal Phase
23	3	3	Abell 1835	03:30:57.5	-03:39:00.7	6.05	61.8	Obs Target
25	2	2	J1332+0200	03:40:53.7	-03:41:24.0	6.05	65.0	Cal Phase
27	3	3	Abell 1835	03:43:20.4	-03:51:23.7	6.05	62.9	Obs Target
29	2	2	J1332+0200	03:53:15.8	-03:53:46.1	6.05	65.2	Cal Phase

FREQUENCY INFORMATION						
spw	nchan	-----Frequencies (GHz)-----			--Channel Width--	
		First	Last	Bandwidth	MHz	km/s POLN
0	3840	276.964741	275.090229	1.875	0.488	0.53 ['XX', 'YY']
1	3840	278.537256	276.662744	1.875	0.488	0.53 ['XX', 'YY']
2	3840	287.110729	288.985241	1.875	0.488	0.51 ['XX', 'YY']
3	3840	288.860729	290.735241	1.875	0.488	0.51 ['XX', 'YY']

ANTENNA INFORMATION						
ID	Name	Pad	Size (m)	Longitude	Latitude	E-off (m) N-off (m) Elev (m)
0	DA41	A003	12.0	-67.45.16.50	-22.53.27.00	34.9 20.9 0.4
1	DA43	A075	12.0	-67.45.17.90	-22.53.21.41	-5.2 193.9 1.5
2	DA44	A068	12.0	-67.45.20.64	-22.53.25.68	-83.0 61.8 2.1
3	DA47	A026	12.0	-67.45.18.76	-22.53.28.30	-29.4 -19.3 0.7
4	DV02	A077	12.0	-67.45.10.11	-22.53.25.87	217.0 56.0 -5.2
5	DV03	Al37	12.0	-67.45.15.25	-22.53.22.73	70.5 153.1 -0.4
6	DV05	A082	12.0	-67.45.08.30	-22.53.29.21	268.4 -47.4 -5.2
7	DV07	A074	12.0	-67.45.20.48	-22.53.33.79	-78.6 -189.1 3.1
8	DV08	A021	12.0	-67.45.17.24	-22.53.27.01	13.7 20.8 0.4
9	DV09	A046	12.0	-67.45.16.99	-22.53.29.27	20.8 -49.2 0.2
10	DV10	A071	12.0	-67.45.19.88	-22.53.23.46	-61.4 130.3 2.4
11	DV11	A045	12.0	-67.45.17.93	-22.53.30.07	-6.0 -73.9 1.1
12	DV12	A011	12.0	-67.45.14.38	-22.53.28.42	95.3 -22.9 0.1
13	DV13	A072	12.0	-67.45.12.58	-22.53.24.03	146.5 113.0 -2.8
14	DV14	A025	12.0	-67.45.18.67	-22.53.27.42	-27.0 8.1 0.7
15	DV15	A074	12.0	-67.45.12.07	-22.53.32.04	161.2 -135.0 -2.2
16	DV16	A069	12.0	-67.45.21.31	-22.53.30.15	-102.1 -76.5 2.3
17	DV17	Al38	12.0	-67.45.17.07	-22.53.34.39	18.5 -207.7 5.0
18	DV18	A053	12.0	-67.45.17.30	-22.53.31.22	12.0 -109.4 0.5
19	PM02	T702	12.0	-67.45.18.57	-22.53.24.08	-24.2 111.3 0.6

MEDIAN GAIN VALUE = 0.590

RELATIVE ANTENNA GAIN FOR BANDPASS OBSERVATION									
Antenna	SPW0		SPW1		SPW2		SPW		
	X	Y	X	Y	X	Y	X	Y	
0-DA41	1.06	0.98	1.04	0.99	0.98	0.95	1.08		
1-DA43	1.05	1.00	1.02	0.97	1.02	0.98	1.02		
2-DA44	1.03	0.96	1.02	0.94	1.02	0.91	0.96		
3-DA47	1.09	1.01	1.10**	0.98	1.07	0.96	1.09		
4-DV02	1.04	1.01	1.00	1.02	1.01	1.02	1.02		
5-DV03	1.02	0.98	0.99	0.93	1.01	0.93	1.01		
6-DV05	1.04	1.00	1.07	0.99	1.05	0.97	1.02		
7-DV07	1.06	1.01	1.07	1.01	1.05	0.98	1.04		
8-DV08	0.96	0.94	0.98	0.99	0.93	1.01	0.95		
9-DV09	0.73**	0.68**	0.74**	0.67**	0.68**	0.64**	0.74**		
10-DV10	1.08	0.84**	1.09	0.85**	1.07	0.80**	1.05		
11-DV11	1.03	1.02	1.06	0.98	1.02	0.96	1.04		
12-DV12	1.06	1.02	0.98	0.95	0.99	0.96	1.05		
13-DV13	1.04	0.98	1.04	0.99	1.02	0.96	1.04		
14-DV14	1.09	1.02	1.07	1.01	1.07	1.02	1.05		
15-DV15	nan	nan	nan	nan	nan	nan	nan		
16-DV16	nan	nan	0.91	0.80**	0.81**	0.78**	0.84**		
17-DV17	1.00	0.94	1.02	0.92	1.01	0.93	0.96		
18-DV18	1.02	0.97	1.01	0.97	1.00	0.98	1.02		
19-PM02	1.12**	1.04	1.10**	1.08	1.07	1.05	1.09		

** means outside of normalized range: 0.90 to 1.10

NORMALIZED BANDPASS AMPLITUDE RMS OVER 3840 CHANNELS
using table uid__A002_X3el7df_X3fd.ms.split.bandpass

Antenna	SPW0		SPW1		SPW2		SPW3	
	X	Y	X	Y	X	Y	X	Y
0-DA41	0.028	0.034	0.022	0.037	0.041	0.026		
1-DA43	0.022	0.021	0.009	0.037	0.012	0.031		
2-DA44	0.013	0.020	0.020	0.025	0.021	0.024		
3-DA47	0.022	0.028	0.019	0.031	0.027	0.016		
4-DV02	0.026	0.014	0.034	0.016	0.010	0.014		
5-DV03	0.026	0.039	0.050	0.037	0.027	0.022		
6-DV05	0.017	0.020	0.012	0.031	0.014	0.012		
7-DV07	0.015	0.009	0.012	0.010	0.010	0.011		
8-DV08	0.044	0.014	0.023	0.056	0.025	0.018		
9-DV09	0.034	0.017	0.024	0.014	0.043	0.016		
10-DV10	0.008	0.031	0.010	0.020	0.010	0.056		
11-DV11	0.028	0.033	0.041	0.032	0.019	0.021		
12-DV12	0.032	0.028	0.034	0.039	0.038	0.017		
13-DV13	0.045	0.038	0.049	0.040	0.046	0.035		
14-DV14	0.013	0.025	0.012	0.014	0.010	0.012		
15-DV15	0.000	0.000	0.000	0.000	0.000	0.000		
16-DV16	0.000	0.000	0.031	0.028	0.041	0.033		
17-DV17	0.021	0.012	0.039	0.013	0.017	0.026		
18-DV18	0.025	0.021	0.024	0.044	0.026	0.011		
19-PM02	0.020	0.016	0.033	0.017	0.020	0.019		

BANDPASS RMS MEDIAN VALUE = 0.022
USE SIMPLE FREQUENCY SMOOTHING

RMS OUTLIERS >3.0 SIGMA				
SPW	Xpol mean	Ypol rms	mean rms	OUTLIERS
0	0.0220	0.0117	0.0206	0.0110
1	0.0205	0.0131	0.0252	0.0131
2	0.0235	0.0134	0.0291	0.0134
3	0.0204	0.0128	0.0187	0.0115
No Outliers				
No Outliers				
No Outliers				
Y ant=10 sigma= 3.3				

SHADOWING OF ANTENNAS
antenna: 15 shadowed 02:33:10 to 02:42:41
antenna: 15 shadowed 02:42:53 to 02:43:16
antenna: 15 shadowed 02:43:22 to 02:44:09

```

antenna: 15 shadowed 02:44:57 to 02:56:25
antenna: 15 shadowed 02:56:31 to 02:59:04
antenna: 15 shadowed 02:59:10 to 02:59:45
antenna: 15 shadowed 02:59:51 to 03:08:34
antenna: 15 shadowed 03:08:52 to 03:09:15
antenna: 15 shadowed 03:09:21 to 03:12:12
antenna: 15 shadowed 03:12:18 to 03:13:34
antenna: 15 shadowed 03:13:40 to 03:21:20
antenna: 15 shadowed 03:25:27 to 03:25:56
antenna: 15 shadowed 03:26:02 to 03:36:01
antenna: 15 shadowed 03:36:07 to 03:36:30
antenna: 15 shadowed 03:36:36 to 03:50:21
antenna: 15 shadowed 03:50:27 to 03:51:15
antenna: 15 shadowed 03:51:21 to 03:53:43
antenna: 16 shadowed 02:33:10 to 02:42:41
antenna: 16 shadowed 02:42:53 to 02:43:16
antenna: 16 shadowed 02:43:22 to 02:44:09
antenna: 16 shadowed 02:44:57 to 02:56:25
antenna: 16 shadowed 02:56:31 to 02:59:04
antenna: 16 shadowed 02:59:10 to 02:59:45
antenna: 16 shadowed 02:59:51 to 03:08:34
antenna: 16 shadowed 03:08:52 to 03:09:15
antenna: 16 shadowed 03:09:21 to 03:12:12
antenna: 16 shadowed 03:12:18 to 03:13:34
antenna: 16 shadowed 03:13:40 to 03:21:20
antenna: 16 shadowed 03:25:27 to 03:25:56
antenna: 16 shadowed 03:26:02 to 03:36:01
antenna: 16 shadowed 03:36:07 to 03:36:30
antenna: 16 shadowed 03:36:36 to 03:50:21
antenna: 16 shadowed 03:51:21 to 03:53:43
*****

```

Flux Density Determinations

Reference source Titan

```

Flux densities 3C279 in SpW=0 is: 14.3734 +/- 0.10319 (SNR = 139.29, N= 11)
Flux densities 3C279 in SpW=1 is: 14.666 +/- 0.0873173 (SNR = 167.962, N= 12)
Flux densities 3C279 in SpW=2 is: 14.2839 +/- 0.107931 (SNR = 132.343, N= 12)
Flux densities 3C279 in SpW=3 is: 14.1178 +/- 0.115274 (SNR = 122.471, N= 12)
Flux densities J1332+0200 in SpW=0 is: 0.614036 +/- 0.0130974 (SNR = 46.8823, N=
Flux densities J1332+0200 in SpW=1 is: 0.622195 +/- 0.0130795 (SNR = 47.5703, N=
Flux densities J1332+0200 in SpW=2 is: 0.60314 +/- 0.0162706 (SNR = 37.0693, N=
Flux densities J1332+0200 in SpW=3 is: 0.596416 +/- 0.0139098 (SNR = 42.8775, N=

```

FLAGGING STATISTICS

Overall -> -14.32

Per spw (over total of dataset):

```

1 -> -2.89
0 -> -5.64
3 -> -2.89
2 -> -2.89

```

Per antenna (over total of dataset):

```

DV18 -> -0.77
DV12 -> -0.76
DV10 -> -0.77
DV08 -> -0.76
DV09 -> -0.77
DV11 -> -0.76
DA44 -> -0.76
DA47 -> -0.75
DV05 -> -0.76
DA41 -> -0.77
DV03 -> -0.77
DA43 -> -0.77
DV14 -> -0.76
DV02 -> -0.71
PM02 -> -0.77
DV17 -> -0.77
DV07 -> -0.76
DV16 -> -3.36
DV13 -> -0.77
DV15 -> -11.57

```

CHECK OF A TARGET IMAGE AND SENSITIVITY

```

longest baseline      = 402.3 (meters)
recommended cellsize  = 0.13 (arcsec)
synthesized beam size = 13.85 (arcsec)
recommended image size = 216

target                = 3
resolution             = 0.64 x 0.55 in pa 87.1
time on target        = 29.74 (min)
peak on image         = 0.92 (mJy)
rms on image          = 0.13 (mJy)
expected sensitivity   = 0.09 (mJy)

```