



ssh

```
I-BACKEND , no receiver name specified as parameter
I-BACKEND , no 2nd receiver name specified as parameter
I-BACKEND , Continuum total hardware used [%]: 0.0
I-BACKEND , 100kHz total hardware used [%]: 0.0
I-BACKEND , 1MHz total hardware used [%]: 0.0
I-BACKEND , 4MHz total hardware used [%]: 100.0
I-BACKEND , USB total hardware used [%]: 0.0
I-BACKEND , WILMA total hardware requested [%]: 100.0
I-BACKEND , VESPA total hardware used [%]: 33.3
I-BACKEND , 4MHz 1 4.000 4024.0 248.0 E090 horiz U0 none 100.0 none
I-BACKEND , 4MHz 2 4.000 4024.0 -248.0 E090 verti UI none 100.0 none
I-BACKEND , WILMA 1 2.000 3720.0 265.0 E090 horiz U0 none 100.0 none
I-BACKEND , WILMA 2 2.000 3720.0 -265.0 E090 verti UI none 100.0 none
I-BACKEND , WILMA 3 2.000 3720.0 265.0 E230 horiz LI none 100.0 none
I-BACKEND , WILMA 4 2.000 3720.0 265.0 E230 verti LI none 100.0 none
I-BACKEND , VESPA 1 0.040 40.0 0.0 E090 horiz U0 none 90.0 CO-1-0
I-BACKEND , VESPA 2 0.040 40.0 0.0 E090 verti UI none 90.0 myLine2
I-BACKEND , VESPA 3 0.040 40.0 0.0 E230 horiz LI none 90.0
I-BACKEND , VESPA 4 0.040 40.0 0.0 E230 verti LI none 90.0 LILO
```

PAKO> show

```
I-SHOW , paKo Revision v 1.1.1 2009-04-14
I-SHOW , Level. For standard output: 0. For file: 0
I-SHOW , Queue. doSubmit: F
I-SHOW , Project "111-22"
I-SHOW , PI "Dr. Jane D. Doe"
I-SHOW , Observer "John Doe"
I-SHOW , Operator "Pako"
I-SHOW , Topology "LOW"
I-SHOW , Pointing. azimuthCorrection: 0.0000000E+00
I-SHOW , Pointing. elevationCorrection: 0.0000000E+00
I-SHOW , Focus. focusCorrection: 0.0000000E+00
```

PAKO>













2020-2021

1999

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*Love is a force**

A pixelated, black and white representation of the word "Spiral". The letters are constructed from a grid of small squares, giving it a digital or retro aesthetic. The 'S' and 'P' are particularly large and prominent, while the 'I' is a simple vertical line. The 'R' and 'L' are also stylized with blocky forms. The overall image is composed of black, white, and various shades of gray pixels.









GOAL



SOURCE	name	system	longitude	latitude	velocity			
	W30H	eq J2000.0	02:27:03.881	+61:52:24.57	LSR 0.000			
		[h]	2.451078		SET Topology	low	SET doSubmit	NO (F)
		[deg]	36.766172	61.873492	SET Pointing	0.0	0.0	
		[rad]	0.64169075	1.07989616	SET Focus	0.00	[mm]	

OFFSETS

CATALOG SOURCE iram-J2000-LSR.sou

CATALOG LINE model.lin

RECEIVER	lineName	frequency [GHz]	SB /doppler	/width	/gain [dB]	/tempLoad	/efficiency	/scale
E090	12C0(1-0)	115.271204	U0 Doppler		0.050 -13. L	L	0.95 0.75	antenna
				/Horizontal U0			/Vertical UI	
E230	12C0(2-1)	230.537990	LI Doppler		0.050 -13. L	L	0.91 0.52	antenna
				/Horizontal LI			/Vertical LI	

OTFMAP

(On-The-Fly OTF Map)

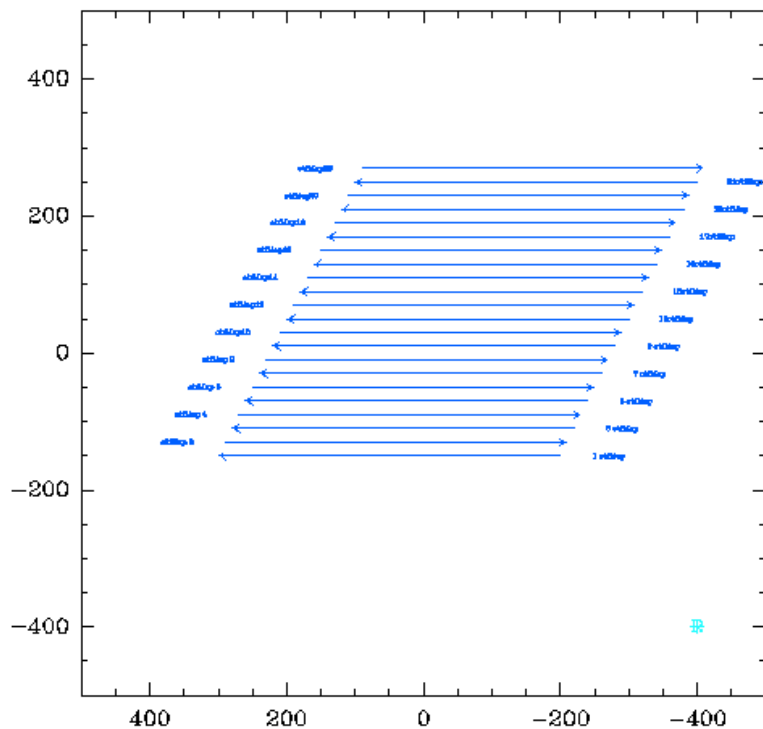
[arcsec]

SWFREQUENCY (Frequency Switching)

xStart	yStart	-300.000	-300.000
xEnd	yEnd	300.000	-300.000
--> lengthOtf		600.000	
/system	projection	F	
/reference	xOffsetR	yOffsetR	-600.000 0.000
/croLoop	systemNameRef	0.000	
/nOtf		12	
/step dx dy		0.000	10.000
/speed sStart sEnd		5.000	5.000
/tOtf		120.000	
/tReference		10.000	
/zigzag		T	

fOffset1	fOffset2	[MHz]
-3.900	3.900	/receiver E090
-11.700	11.700	/receiver E230
/tPhase		0.100

BACKEND	nPart	resolu.	bandw.	fShift	/receiver	/mod	/perc	/lineName
4MHz	1	4.000	4024.0	248.0	E090 hor U0			
4MHz	2	4.000	4024.0	-248.0	E090 ver UI			
WILMA	1	2.000	3720.0	265.0	E090 hor U0		100.0	
WILMA	2	2.000	3720.0	-265.0	E090 ver UI		100.0	
WILMA	3	2.000	3720.0	265.0	E230 hor LI		100.0	
WILMA	4	2.000	3720.0	265.0	E230 ver LI		100.0	
VESPA	1	0.040	40.0	0.0	E090 hor U0		90.0	CO-1-0
VESPA	2	0.040	40.0	0.0	E090 ver UI		90.0	myLine2
VESPA	3	0.040	40.0	0.0	E230 hor LI		90.0	
VESPA	4	0.040	40.0	0.0	E230 ver LI		90.0	LIL0





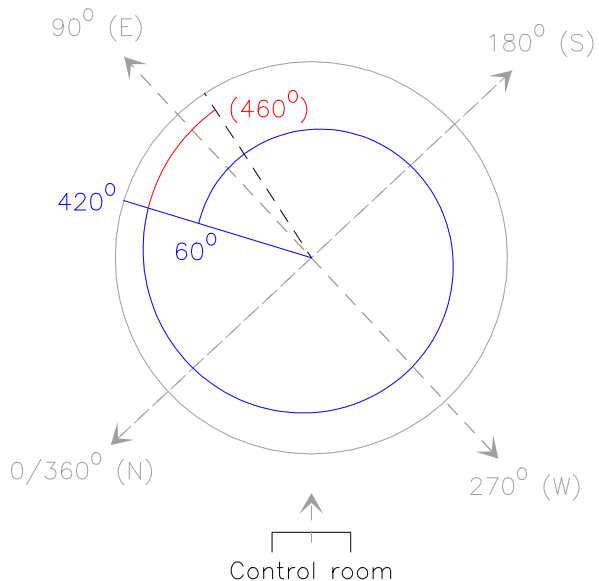




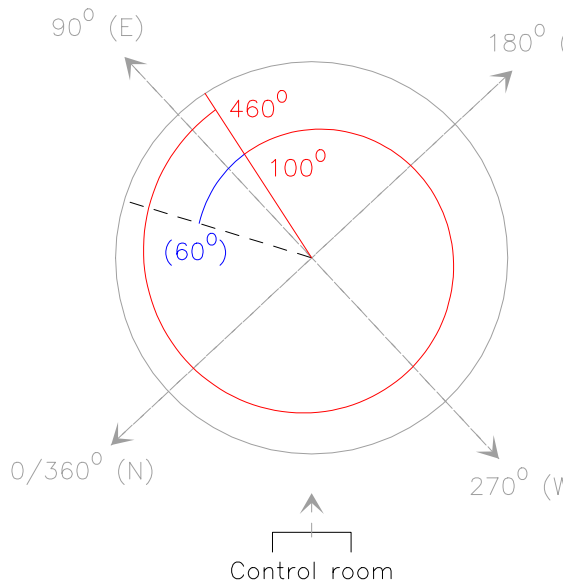
300



TOPO LOW : Az [60° , 420°]



TOPO HIGH : Az [100° , 460°]







120%



