







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 LIL0
```

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



A pixelated, grayscale image of the number 5. The number is composed of various shades of gray, from light to dark, creating a blocky, digital appearance. The strokes are thick and the overall shape is reminiscent of a low-resolution digital display or a pixel art font. The number 5 is centered on a white background.

A 16x16 pixelated grayscale image of a stylized letter 'G'. The 'G' is formed by dark gray and black pixels, with a thick vertical stem and a curved top and bottom. The background is composed of light gray and white pixels, creating a noisy, textured effect. The overall shape is roughly rectangular, with the 'G' occupying the central and right portions of the frame.

A 16x16 pixelated grayscale image of the letter 'G'. The letter is formed by a thick, irregular border of dark gray and black pixels, with a white interior. The style is reminiscent of early digital art or a low-resolution scan of a printed character.

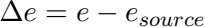
A 16x16 pixelated grayscale image of a stylized letter 'L'. The 'L' is composed of black and dark gray pixels, with lighter gray pixels forming a background or shadow. The shape is blocky and geometric, typical of early digital art or video game sprites.

A large, pixelated, black and white graphic of the letters 'GA'. The letters are composed of a grid of squares, with some squares being black, some gray, and some white, creating a high-contrast, digital art style. The 'G' and 'A' are stylized and blocky, typical of early computer graphics or video game sprites.



*Love is a force\**























100







<b>SOURCE</b>	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

<b>RECEIVER</b>	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	

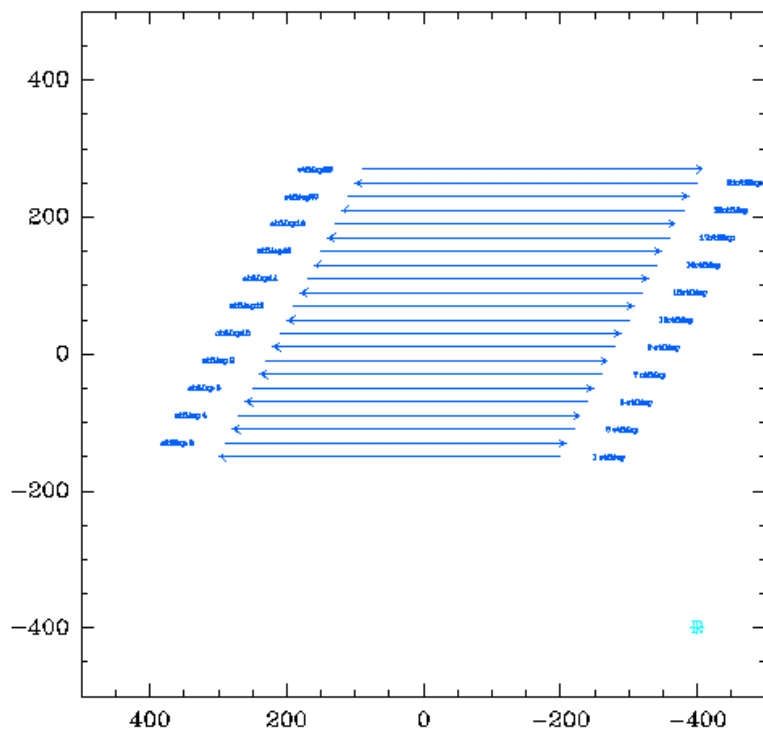
/system	projection	F
/reference		
xOffsetR	yOffsetR	-600.000 0.000
systemNameRef		0.000
/croLoop		

/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

<b>BACKEND</b>	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



















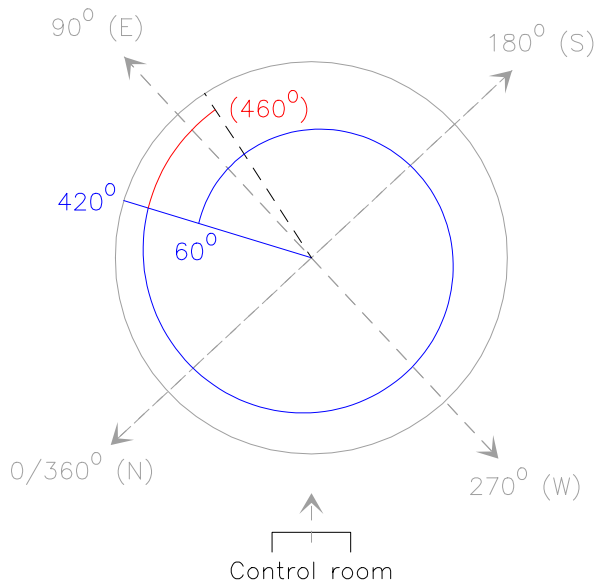
300



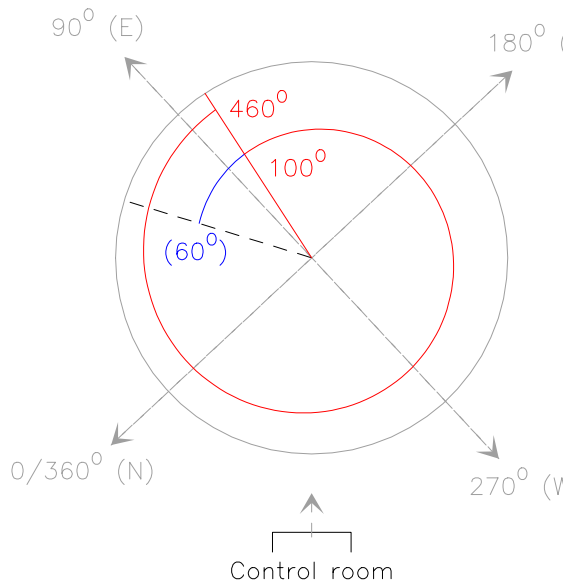




TOPO LOW : Az [ $60^{\circ}$ ,  $420^{\circ}$ ]



TOPO HIGH : Az [ $100^{\circ}$ ,  $460^{\circ}$ ]













120%







