

25/10/2000

VERTEX Notes

Serial Number Up Converter en Uso	0127
Serial Number Down Converter en Uso	0XXX
Serial Number Up Converter Spare	0227
Serial Number Down Converter Spare	0176

Problem due to Power Fail

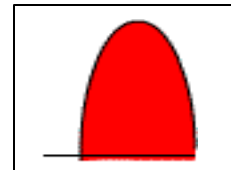
Receiver card at MODEM (Red-Red) with the led on.

- 1.- Change by the spare one.
- 2.- At MODEM display (channel selection command) select 2 and enter key
- 3.- Select Performance and with the next button set Demodulator Status and enter key

Then display status will be OK again.

To check de Output Signal with the Spectrum Analyzer

- 1.- Connect black cable to the Analyzer input (**Achtung! Caution! Attention! Peligro!**, Take care to discharge yourself by putting your hands in the chassis ground).
- 2.- Select Recall button at Analyzer panel.
- 3.- At display menu buttons select Recall State.
- 4.- At display menu buttons select State 0



Then you will have a gaussian signal center at 6.117050Ghz +/-

To check the satellite link to Garching by PING Command

- 1.- Turn On the vt100 console.
- 2.- Press enter and type the password: vlt-2001?
- 3.- Type: ping 134.171.32.1 (Garching machine ip number)

Then you will receive a command of time out of 2 second, and then the delay time of signal return statistical data: min/avg/max, typically 536/544/572 msec.

Antenna switch position:

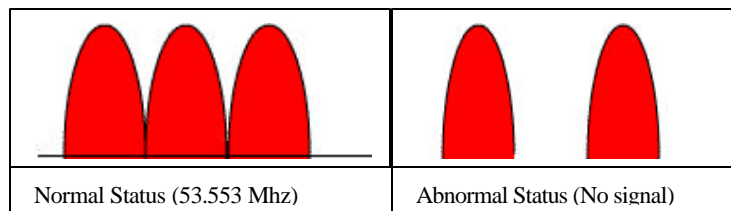
ON = CCW; OFF = CW (Switch Front View)

Down converter normal status

70Mhz Type (CH 01)
Frequency 3.905.000
Rx Signal -47 dBm
Gain +20dB

Reception at Spectrum Analyzer

- 1.- Recall at Panel
- 2.- Recall Status at Display
- 3.- Status1



The last hope!

Call Manfred!!
Home 214 314