This commands is for testing modem and are not documentary in GRIL (receiver interface language).
This commands need sent to receiver port Serial A from any RS-Terminal (Pccdu manual mode).

1. Commands for set modem in transmit mode F.H.

1.1 Command for set modem. in transmit mode F.H. :
$PJPSS,MDMM,2

1.2 Command for the selection antenna :
Internal : $PJPSS,MDMA, 1
External: $PJPSS,MDMA, 2

1.3 Command for set output power :
Power 10mW : $PJPSS,MDMS, 0
Power 50mW : $PJPSS,MDMS, 1 (max)

1.4 Additional commands for set modem F.H. for activity on one frequency :

1.4.1 $PJPSS,MDMK,0 - set mode one frequency

1.4.2 The selection frequency

$PJPSS,MDMF,6	–	Freq= 902.2 mHz	(Low)
$PJPSS,MDMF,127	–	Freq= 915.0 mHz	(Mean)
$PJPSS,MDMF,0	–	Freq= 927.6 mHz	(High)

1.4.3 Mode with modulation
$PJPSS,MDMT,0
Mode without modulation
$PJPSS,MDMT,1

1.5 Commands for return normal mode F.H. (set default)
$PJPSS,MDMK,1
$PJPSS,MDMT,0
$PJPSS,MDVT,0

2. Command for set modem in transmit mode DSS:

2.1 Command for set modem in transmit mode DSS:

$PJPSS,MDMM,4

2.2 Command for the selection antenna :
Internal : $PJPSS,MDMA, 1
External: $PJPSS,MDMA, 2

2.3 Command for set output power :
Power 10mW : $PJPSS,MDMS, 0
Power 50mW : $PJPSS,MDMS, 1 (max)

3. Commands for set modem F.H. in reception.

3.1 Command for set modem F.H. in reception mode :
$PJPSS,MDMM,1

3.2 Command for the selection antenna :
Internal : $PJPSS,MDMA, 1
External: $PJPSS,MDMA, 2

4. Commands for set modem DSS in reception.

4.1 Command for set modem DSS in reception mode :
$PJPSS,MDMM,3

4.2 Command for the selection antenna :
Internal : $PJPSS,MDMA, 1
External: $PJPSS,MDMA, 2

5. Command for set modem in sleep mode :
$PJPSS,MDMM,0

6. Commands for realization of experiment for DSS BER .
On the transmitter :

6.1 To execute # 2.1, 2.2, 2.3

6.2 RTCM messages off :
%%set,base/mode/,off
%%set,osc/mode,locked

6.3 Command for the installation test signal :
$PJPSS,MDVT,1

On the reception

6.4 To execute # 4.1, 4.2

6.5 The inquiry for issue BER

$PJPSS,TTTT,XE

The answer “X (BER) (S/N)”

The note: measurement of BER is made on slice of time between two moment of sent of a command

$ PJPSS, TTTT, XE.

If BER is equal -1.00 those receivers is not in a synchronism.
S/N – Epot (C/No) - dBHz.