

COMMUNICATION RF : TDRS

COM

CPF1

CPF2

TDRS RF

PROX RF

MAIN HKTH

LINK_N
/LINK_1

Power supply of CPF2

CPF2

TC Module	ON
TM Module	ON
Current state	RF_LKN
RF avai	AVAIL
RF avai diag	UNAVAIL
Squelch	ONE_TC
Squelch diag	ONE_TC

RF avai & Squelch

start_acq stop_acq

LINK_2

CPF1

TC Module	ON
TM Module	ON
Current state	RF_LKN
RF avai	AVAIL
RF avai diag	UNAVAIL
Squelch	ONE_TC
Squelch diag	ONE_TC

Antenna switch position

TD3 (-Z)

Transponder 2 - Receiver

RX 2nd voltage	2.50 V
RX Temperature	29.55 C
Static Phase Error SPE	-16.33
Automatic Gain Control AGC	-105.56
S/Noise ratio SNO	-113.59
Carrier lock	LOCK
Long code lock (I-code)	LOCK
PN code lock (Q-code)	LOCK
Bit synchro (lock)	LOCK
Multipath	NOTMPATH

Power supply of CPF1

Transponder 1 - Receiver

RX 2nd voltage	2.50 V
RX Temperature	26.75 C
Static Phase Error SPE	-16.71
Automatic Gain Control AGC	-105.73
S/Noise ratio SNO	-113.41
Carrier lock	LOCK
Long code lock (I-code)	LOCK
PN code lock (Q-code)	LOCK
Bit synchro (lock)	LOCK
Multipath	NOTMPATH

Transponder 2 - Transmitter

TX 2nd voltage	3.16 V
TX Temperature	26.05 C
TX Output power	26.36 dBm
Coh/No coh	NOT_COH

TDRS2 SYH 1553

SSPA2

Power ON/OFF status	ON
2nd voltage (Drain)	4.63 V
Output Power	45.15 dBm
Temperature TLM1	37.45 C
Temperature TLM2	37.26 C

Transponder 1 - Transmitter

TX 2nd voltage	0.02 V
TX Temperature	23.33 C
TX Output power	-118.70 dBm
Coh/No coh	NOT_COH

TDRS1 SYH 1553

SSPA1

Power ON/OFF status	OFF
2nd voltage (Drain)	0.00 V
Output Power	7.00 dBm
Temperature TLM1	22.52 C
Temperature TLM2	22.40 C

06:07
TDRS SSA
SNO > -144dBm