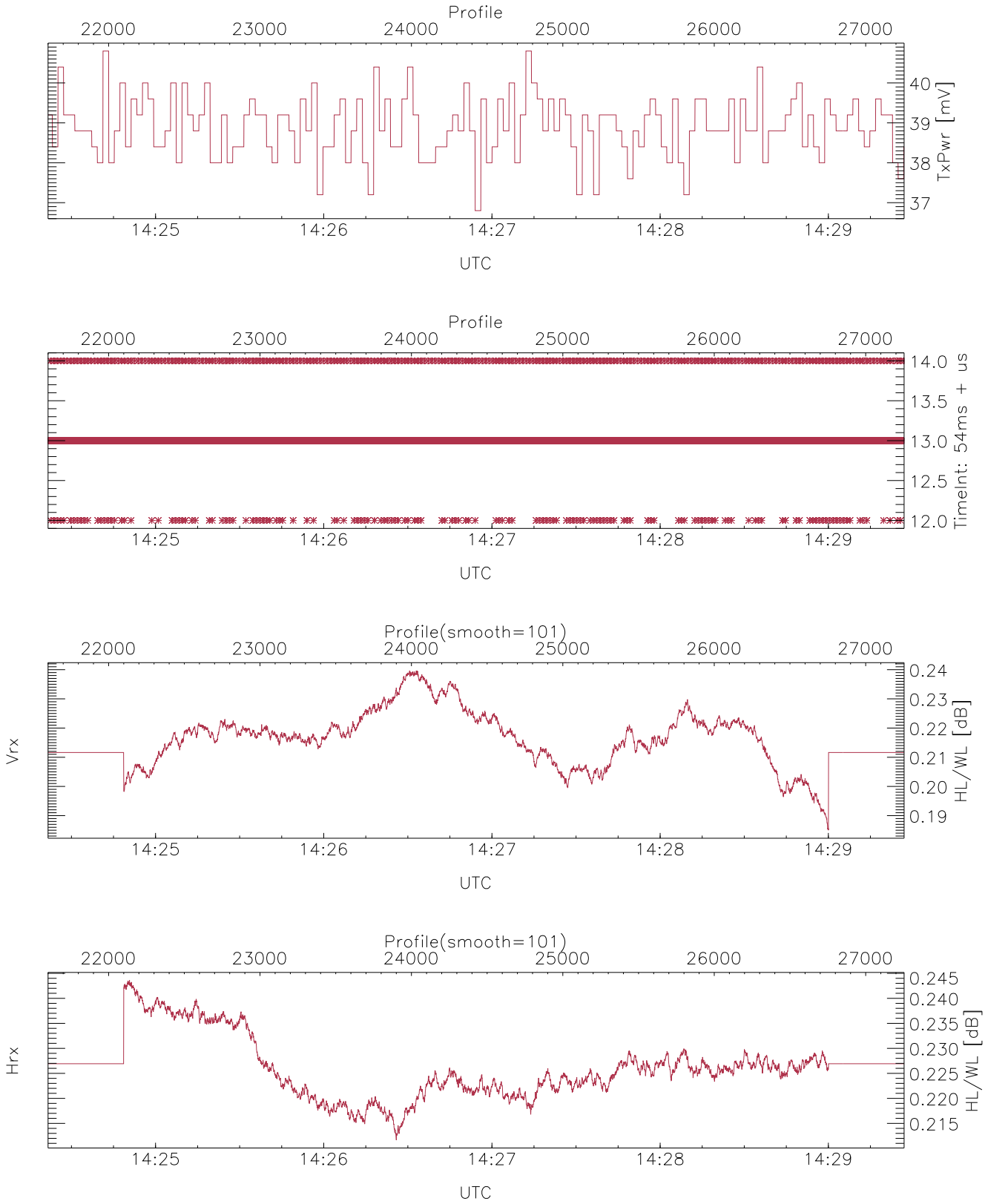
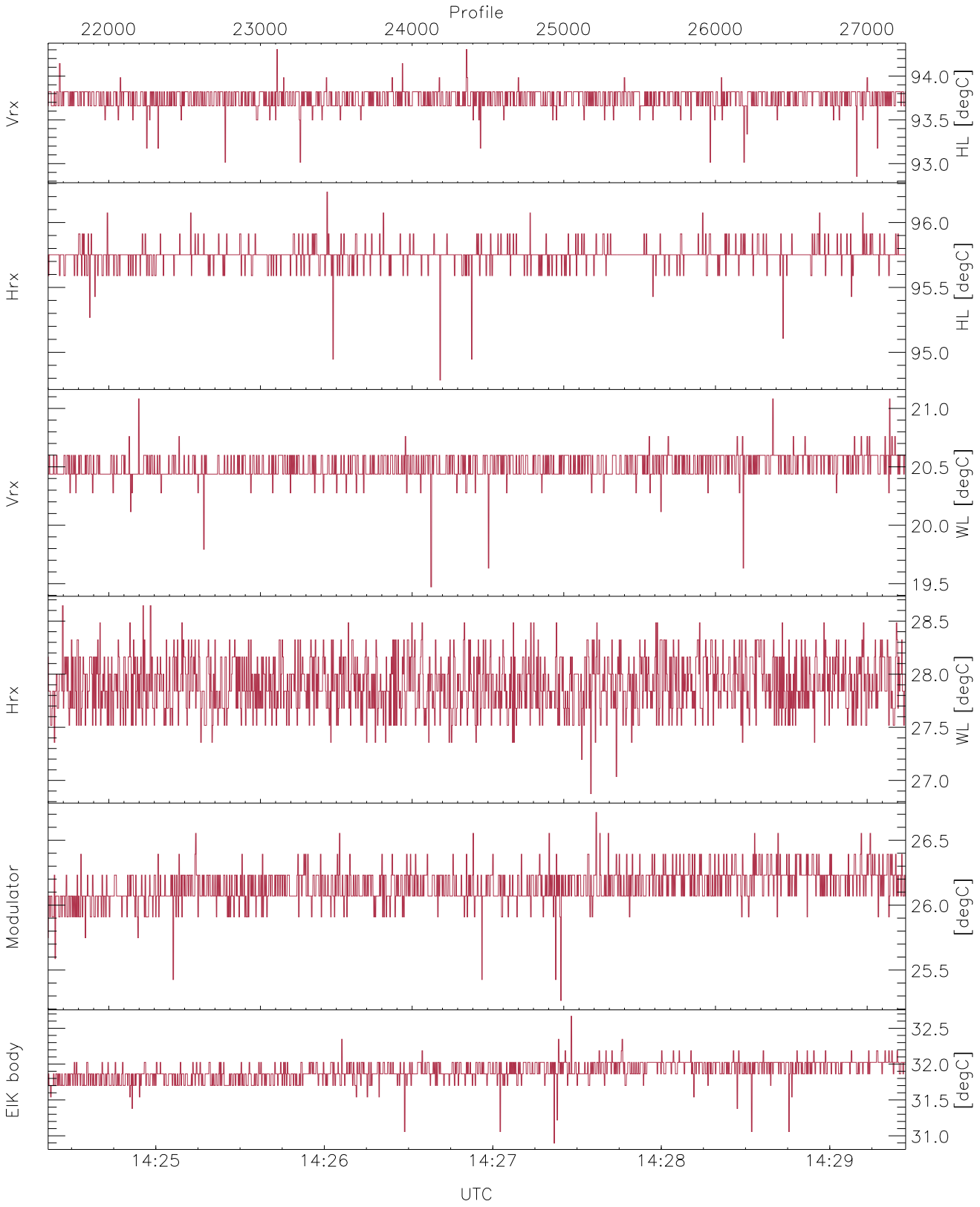


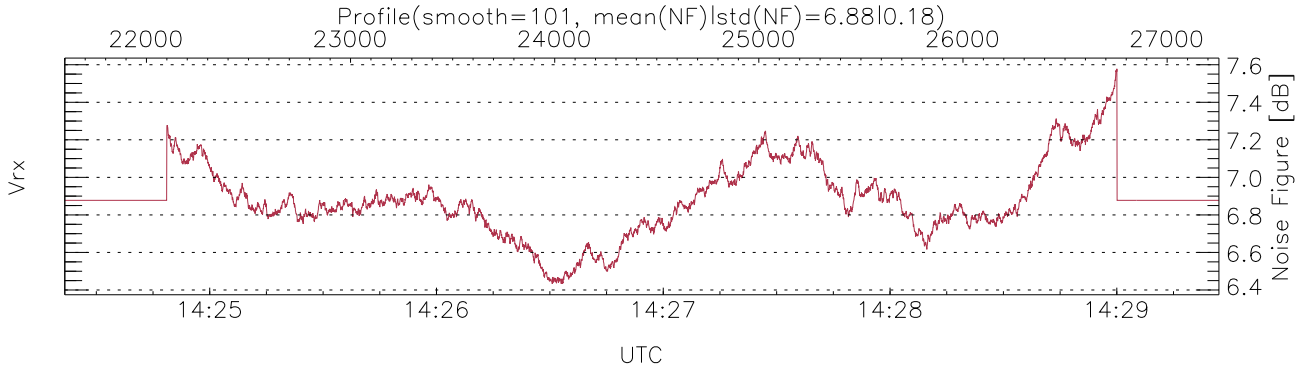
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

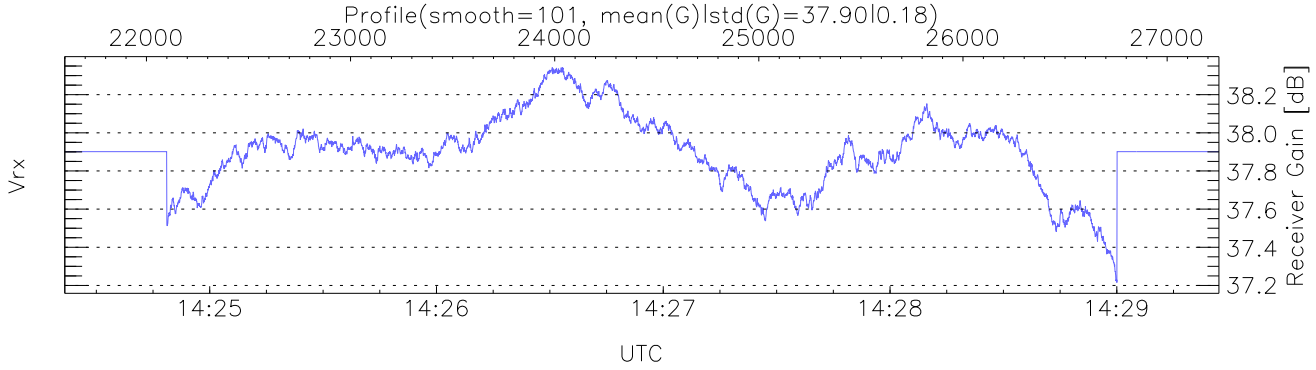
UTC: 14:04:55-14:29:27, Dur: 1472.08s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
NumRec(r/t): 5655/27255, 21600-27254/14:24:22-14:29:27
AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

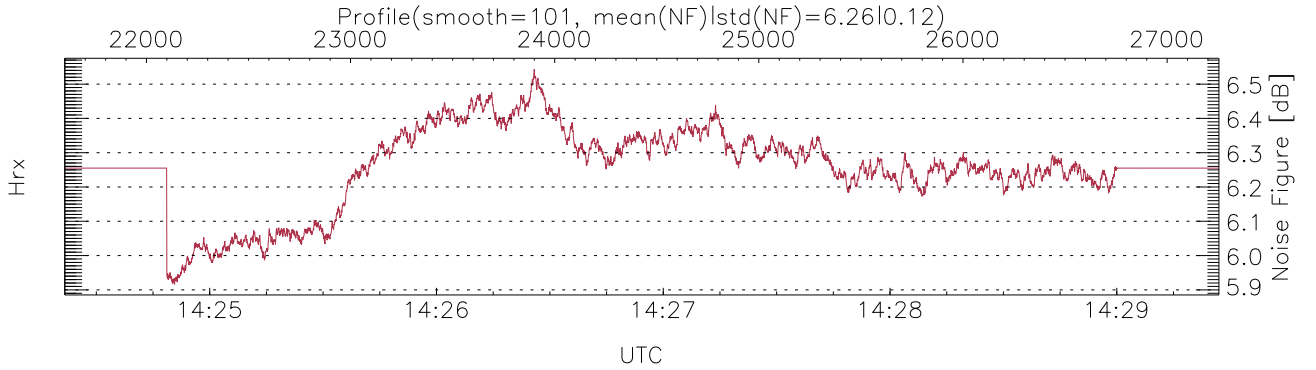


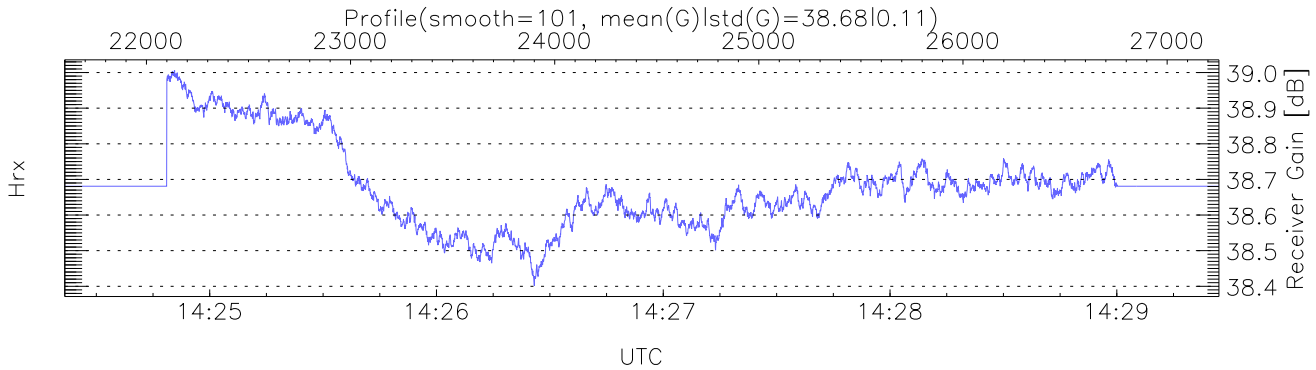
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,25,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,26,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
    BodyCurr,DeckF,OverDuty (5,5,5)



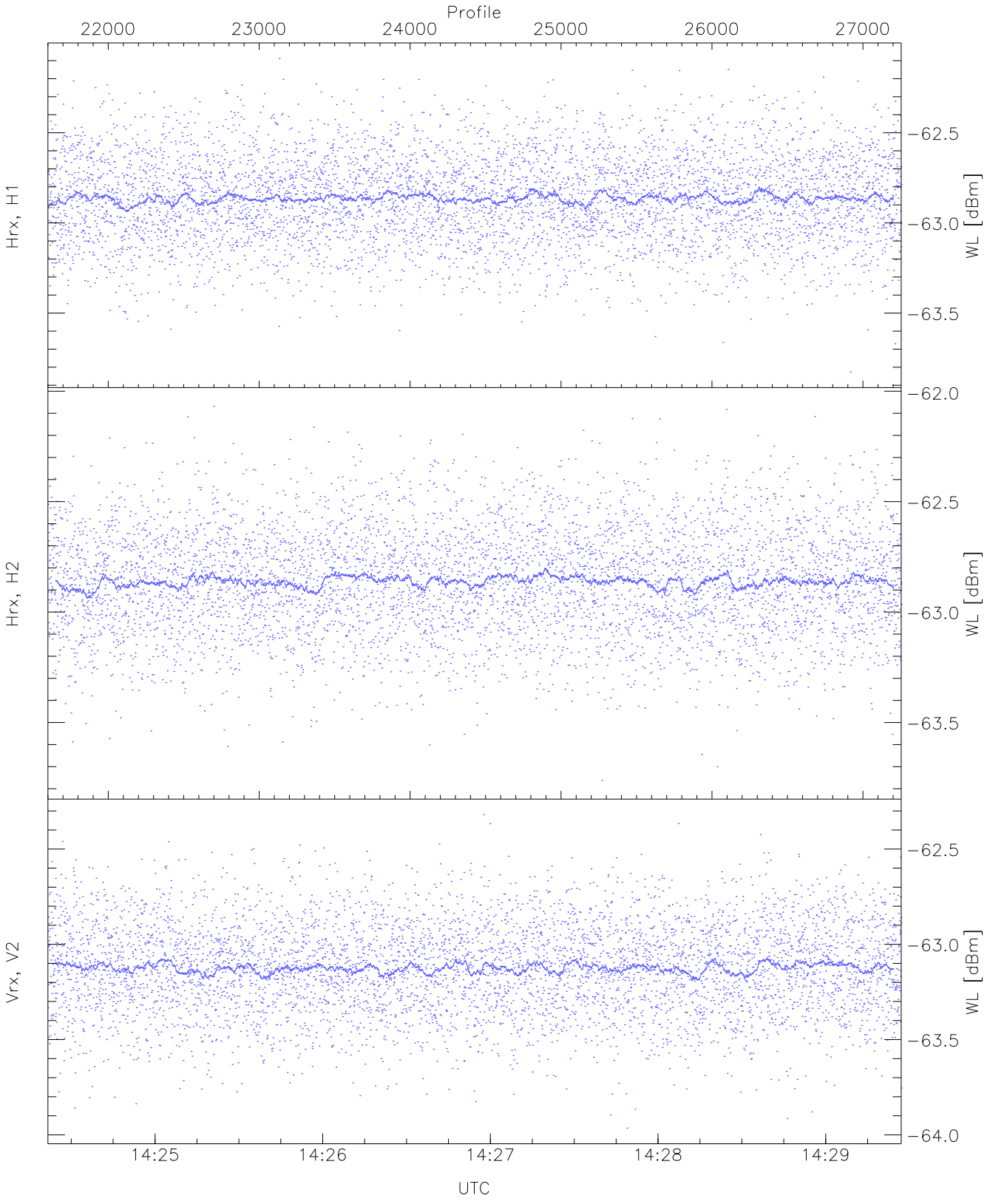






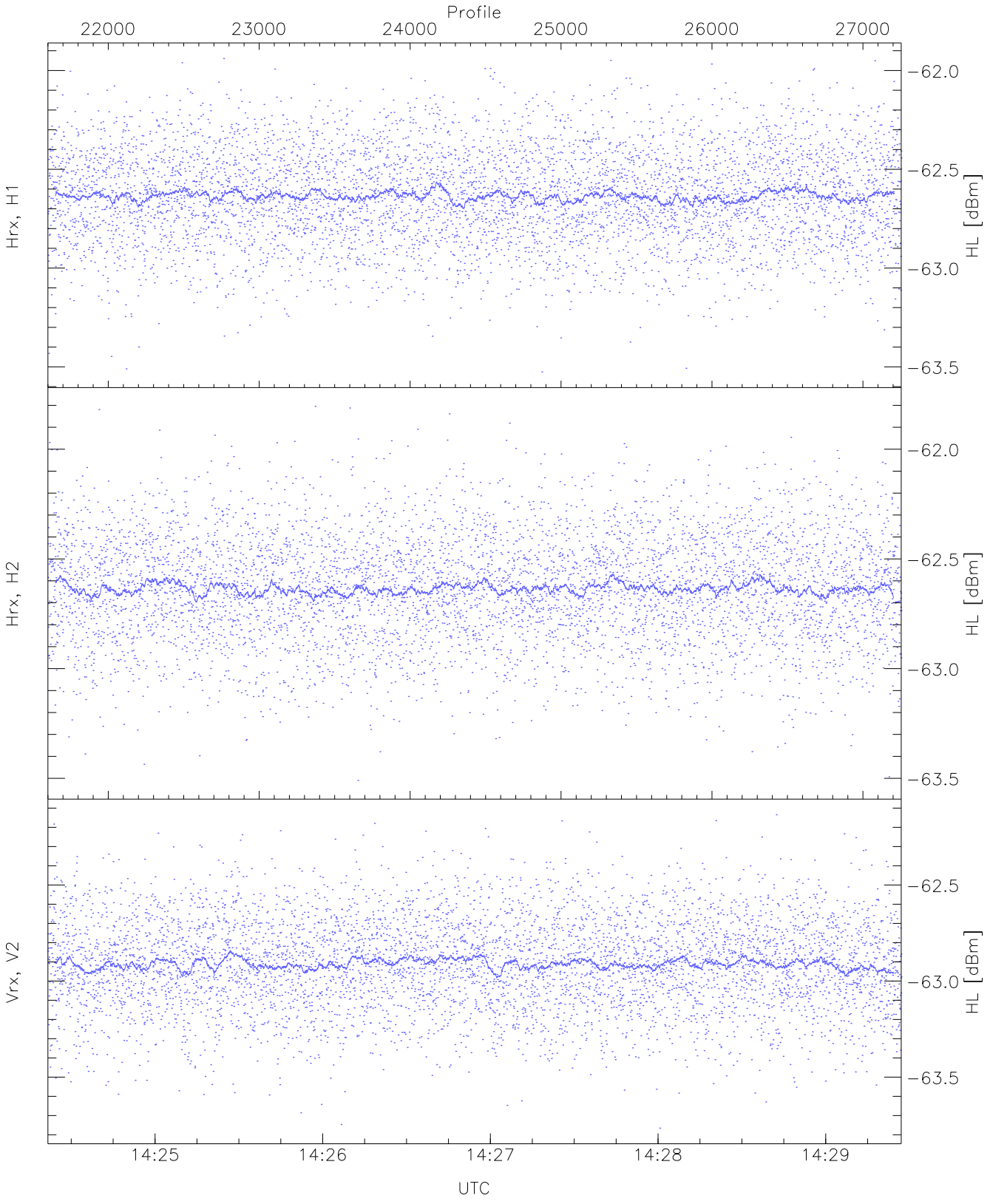
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 25 pixs, 4 gates, 25 profs, 1 prods



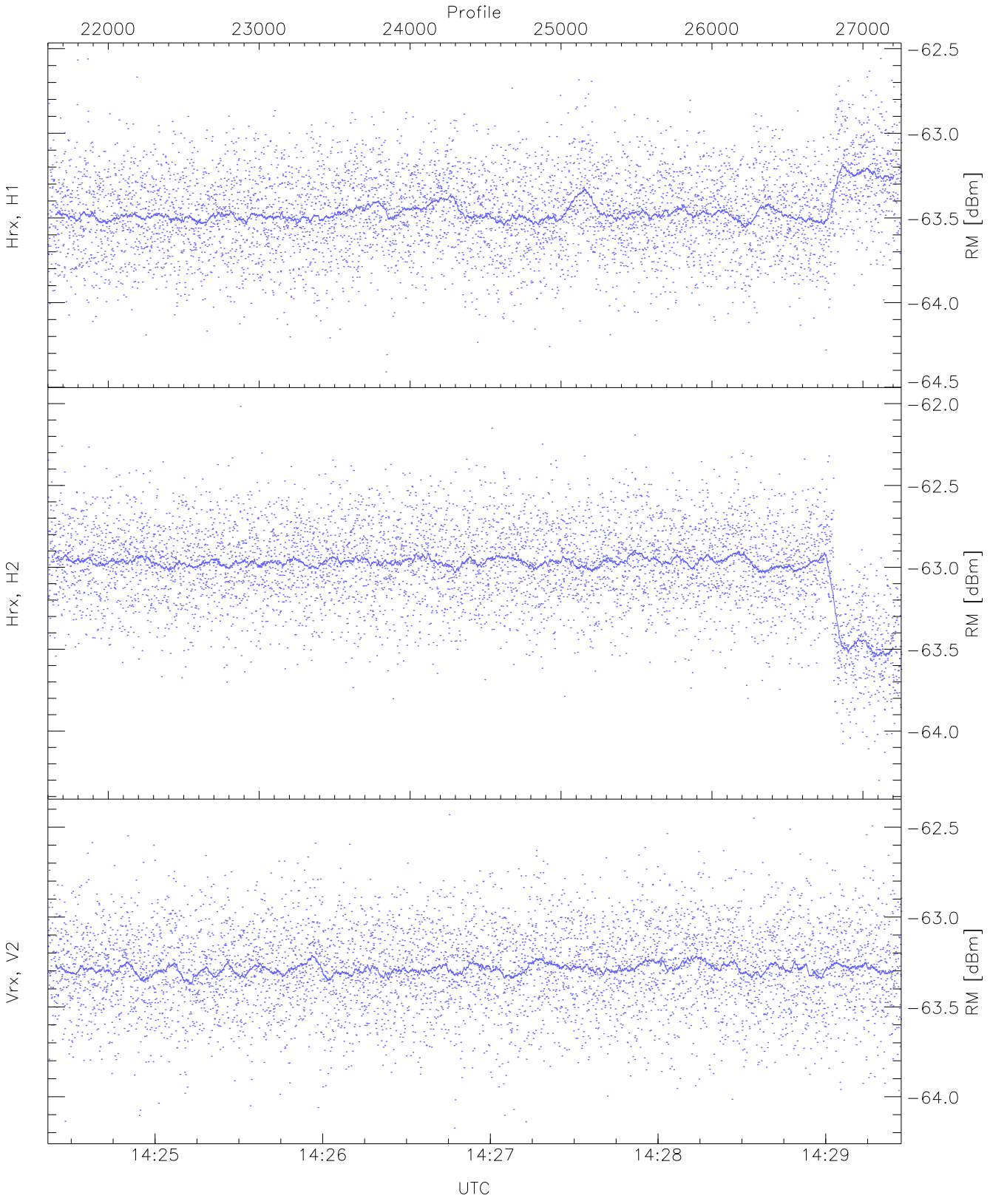
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.83	-62.09	-62.86	-62.86	-75.54
Hrx, H2(WL [dBm])	-63.76	-62.07	-62.86	-62.86	-75.60
Vrx, V2(WL [dBm])	-63.96	-62.32	-63.12	-63.12	-75.88



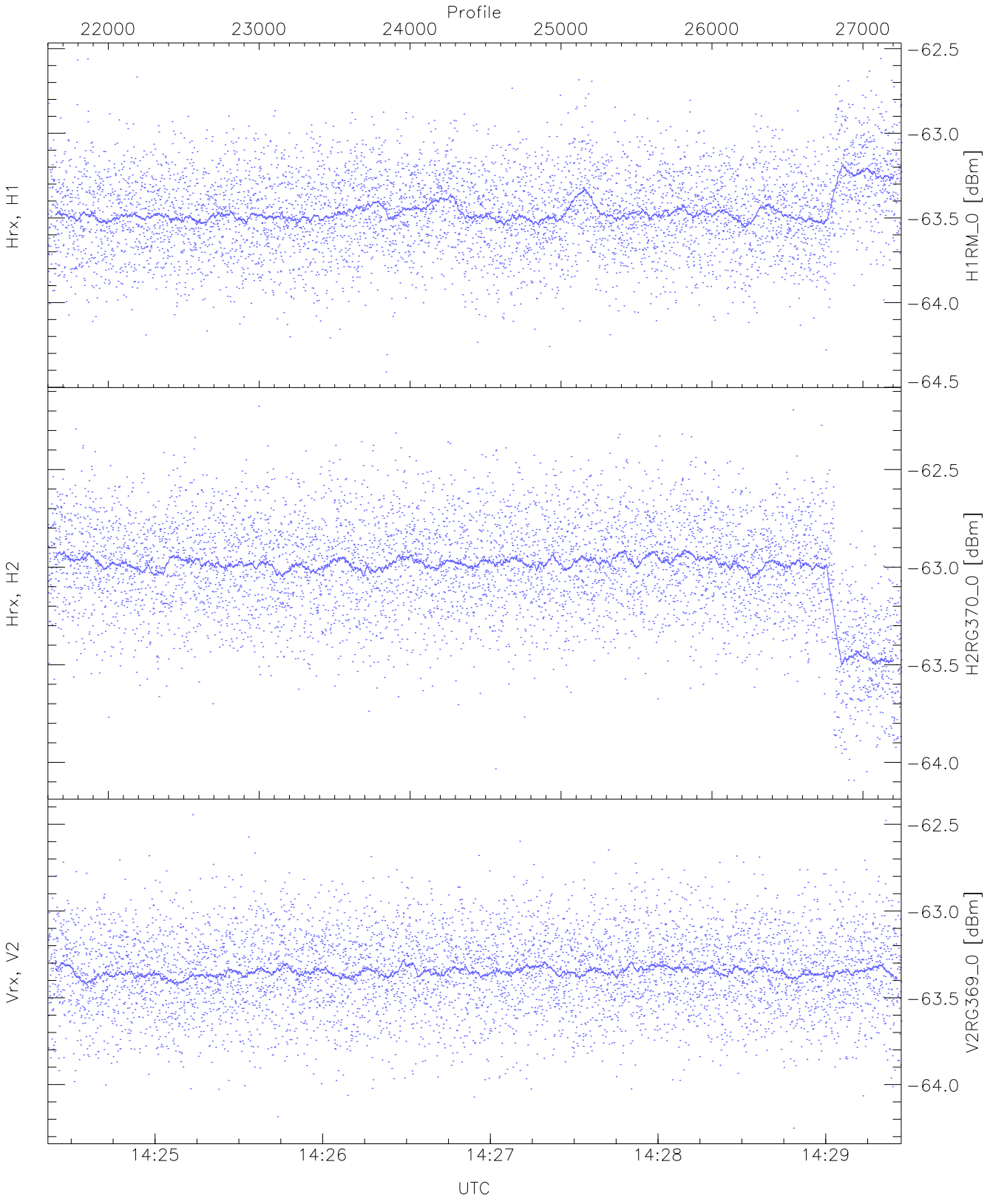
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.53	-61.94	-62.63	-62.64	-75.41
Hrx, H2(HL [dBm])	-63.51	-61.80	-62.63	-62.63	-75.30
Vrx, V2(HL [dBm])	-63.77	-62.13	-62.91	-62.91	-75.68



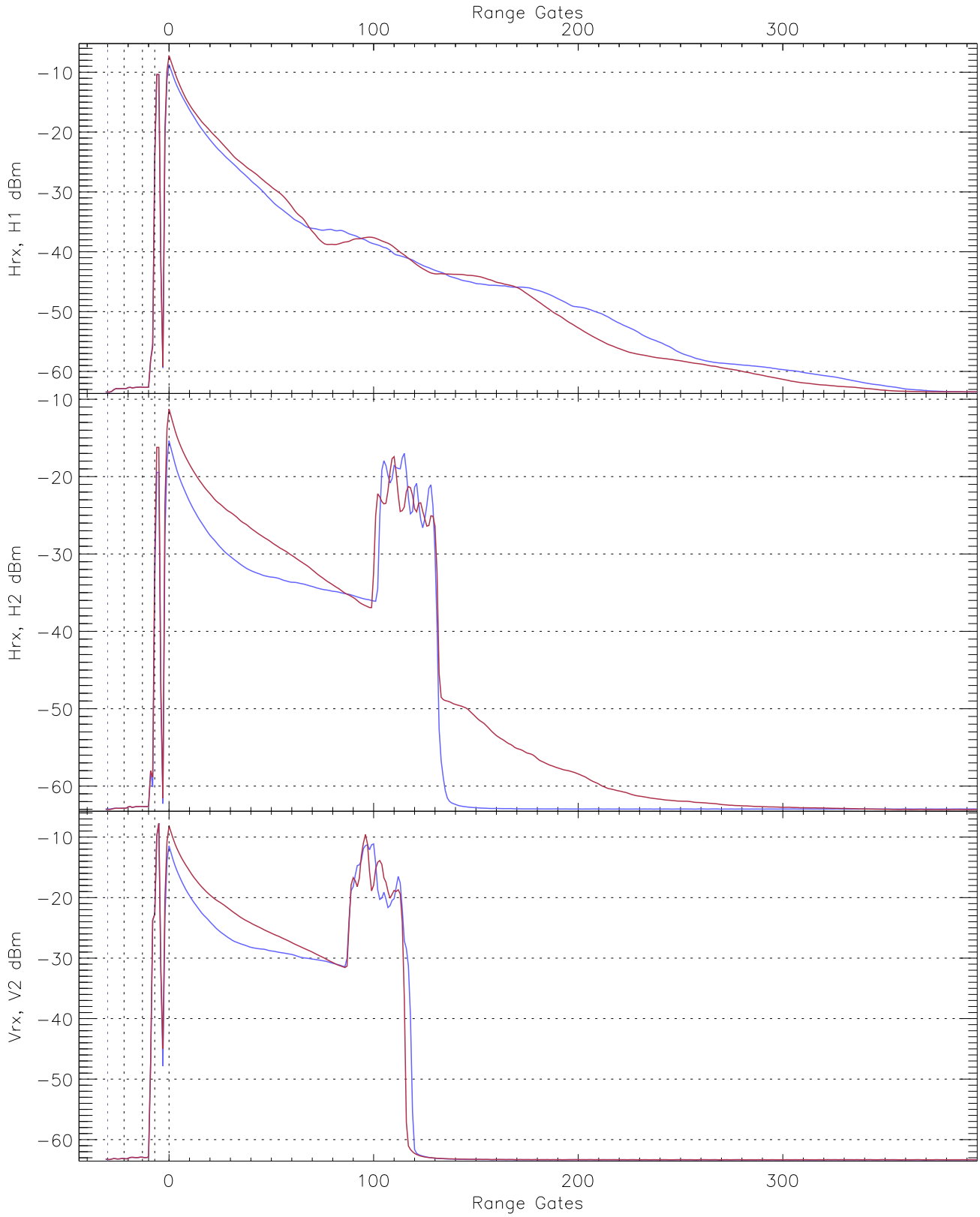
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.41	-62.56	-63.45	-63.46	-75.94
Hrx, H2(RM [dBm])	-64.30	-62.02	-63.00	-62.98	-75.06
Vrx, V2(RM [dBm])	-64.17	-62.43	-63.28	-63.29	-76.00

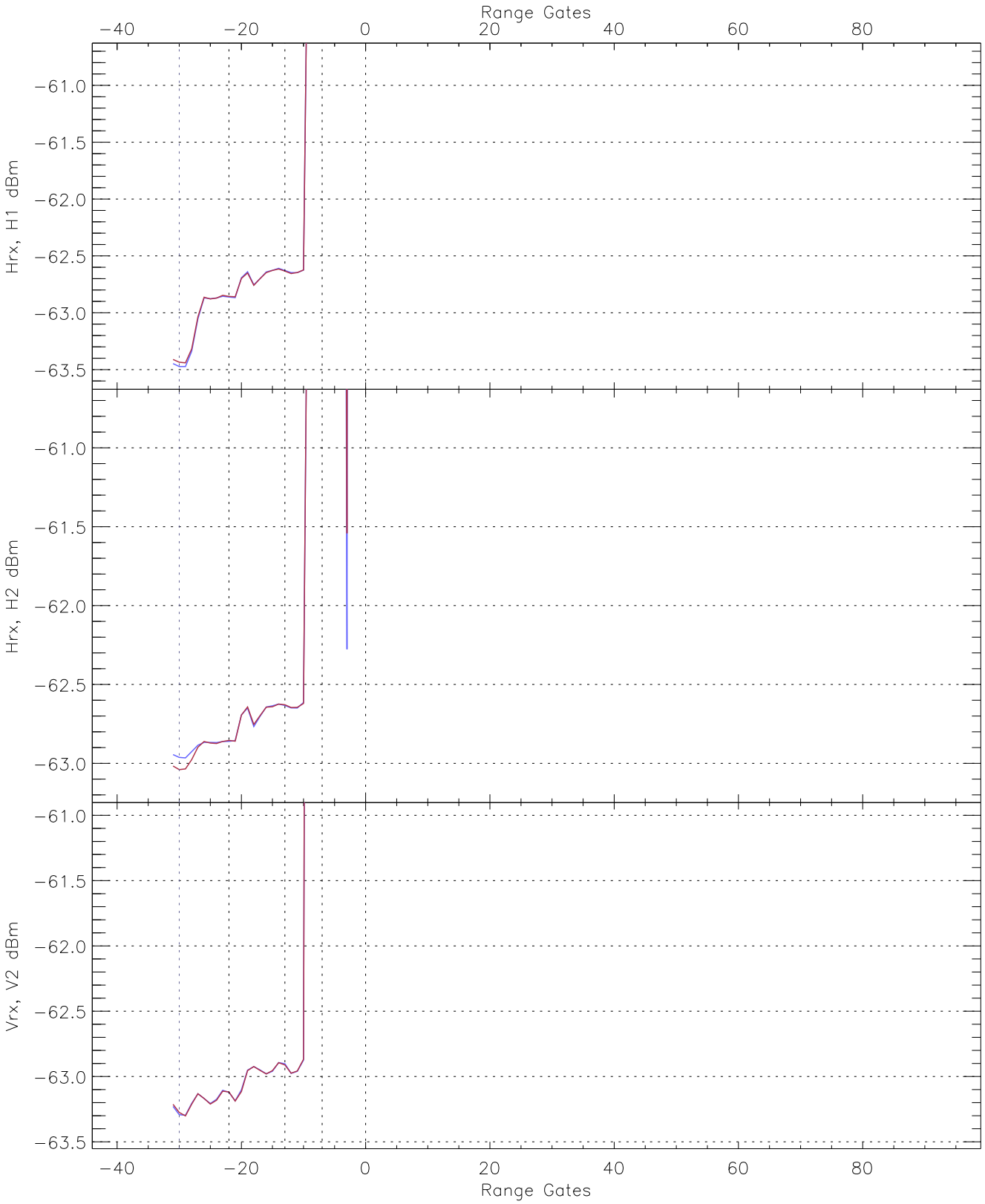


WCR2 CPP "Best" estimate Receivers Noise Power

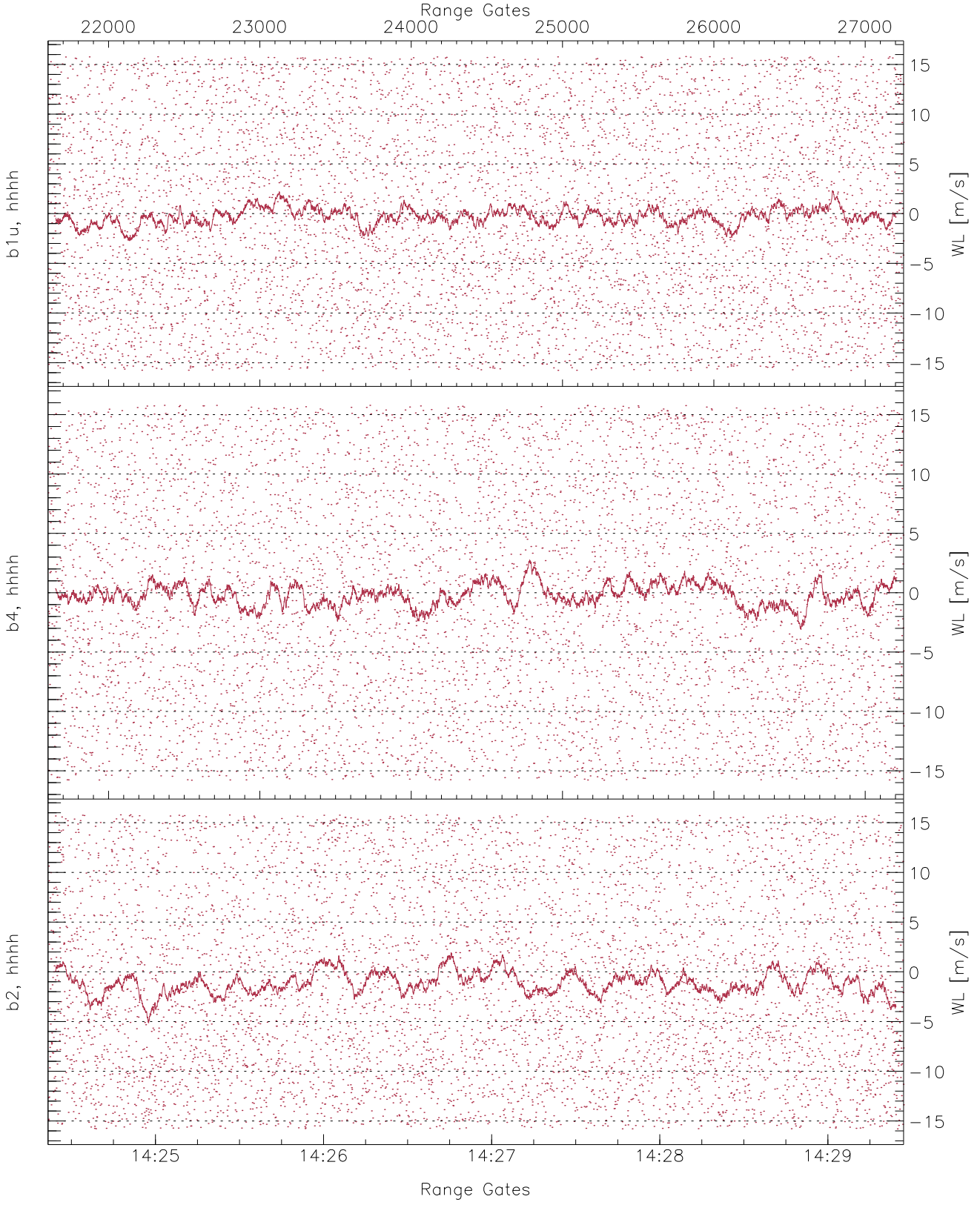
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.41	-62.56	-63.45	-63.46	-75.94
H2RG370_0 [dBm]	-64.09	-62.18	-63.01	-63.00	-75.18
V2RG369_0 [dBm]	-64.25	-62.45	-63.35	-63.35	-76.11



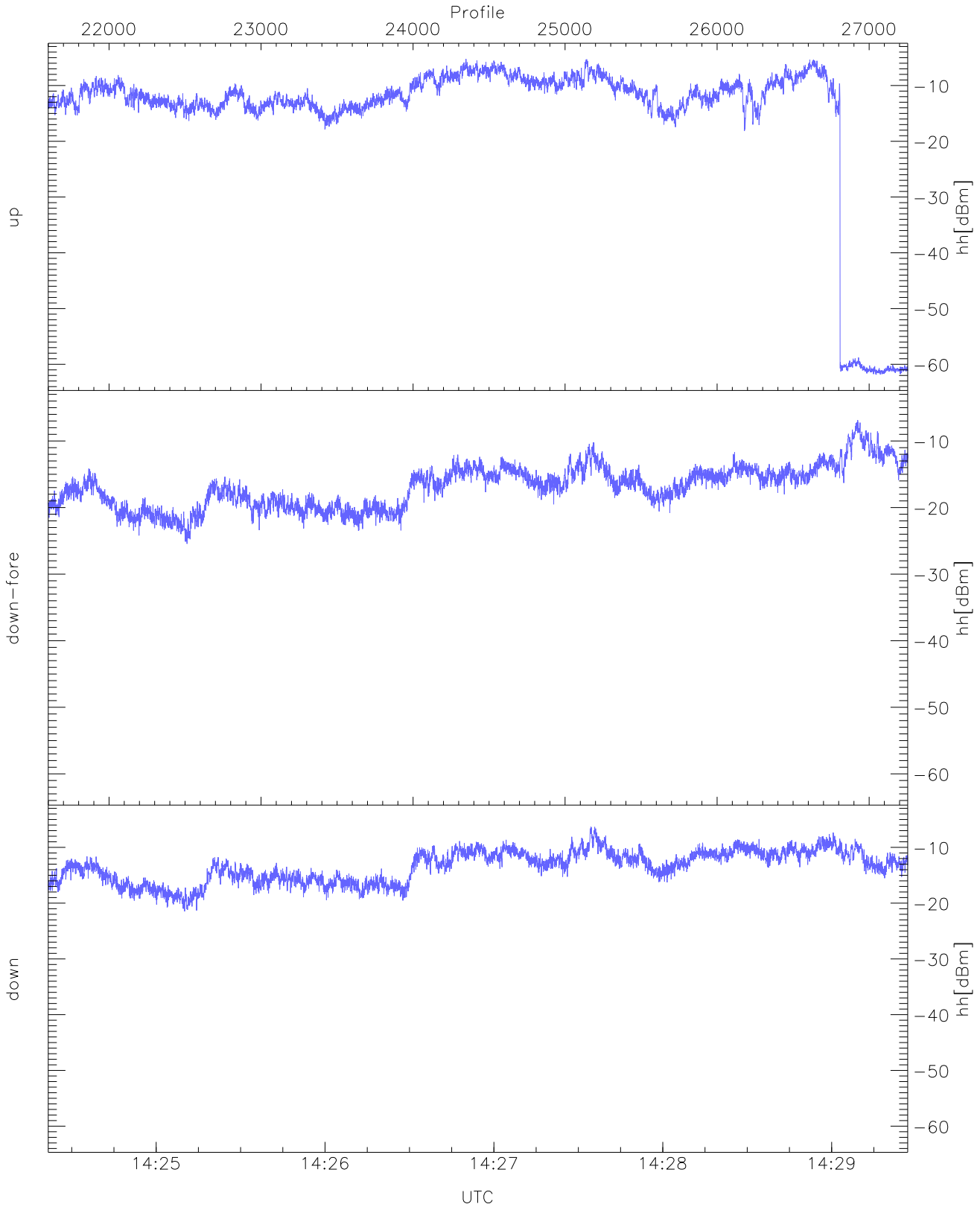
WCR2 CPP Averaged Received power for all recorded gates
blue: 142422-142654, 2828 profiles averaged
red: 142654-142927, 2828 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 142422-142654, 2828 profiles averaged
red: 142654-142927, 2828 profiles averaged

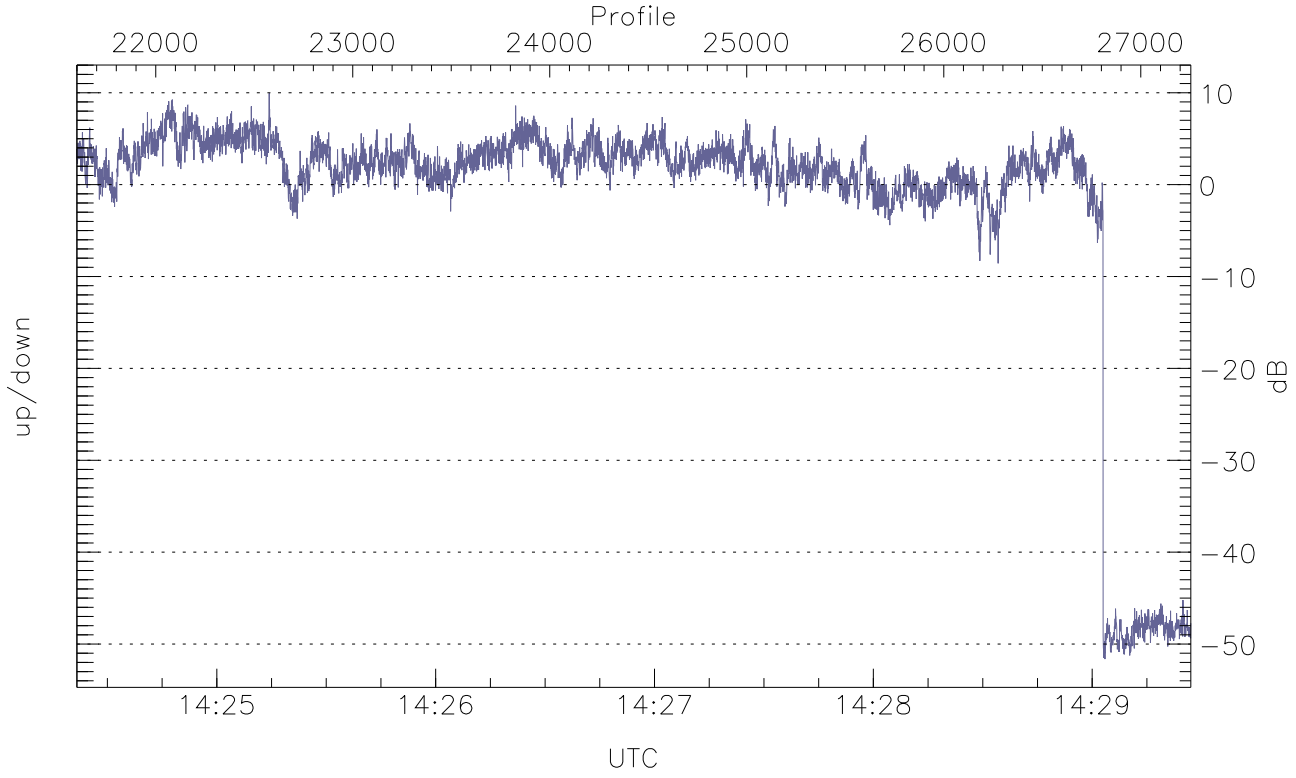


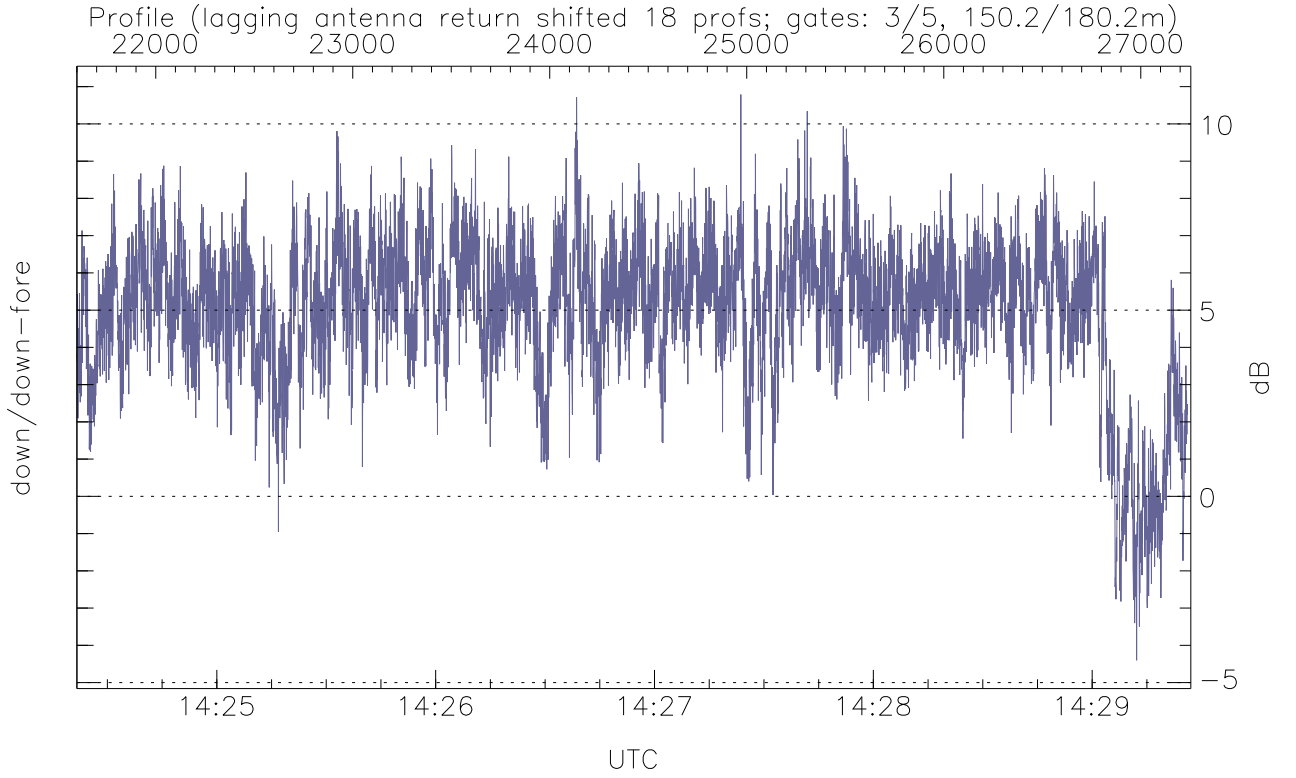
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

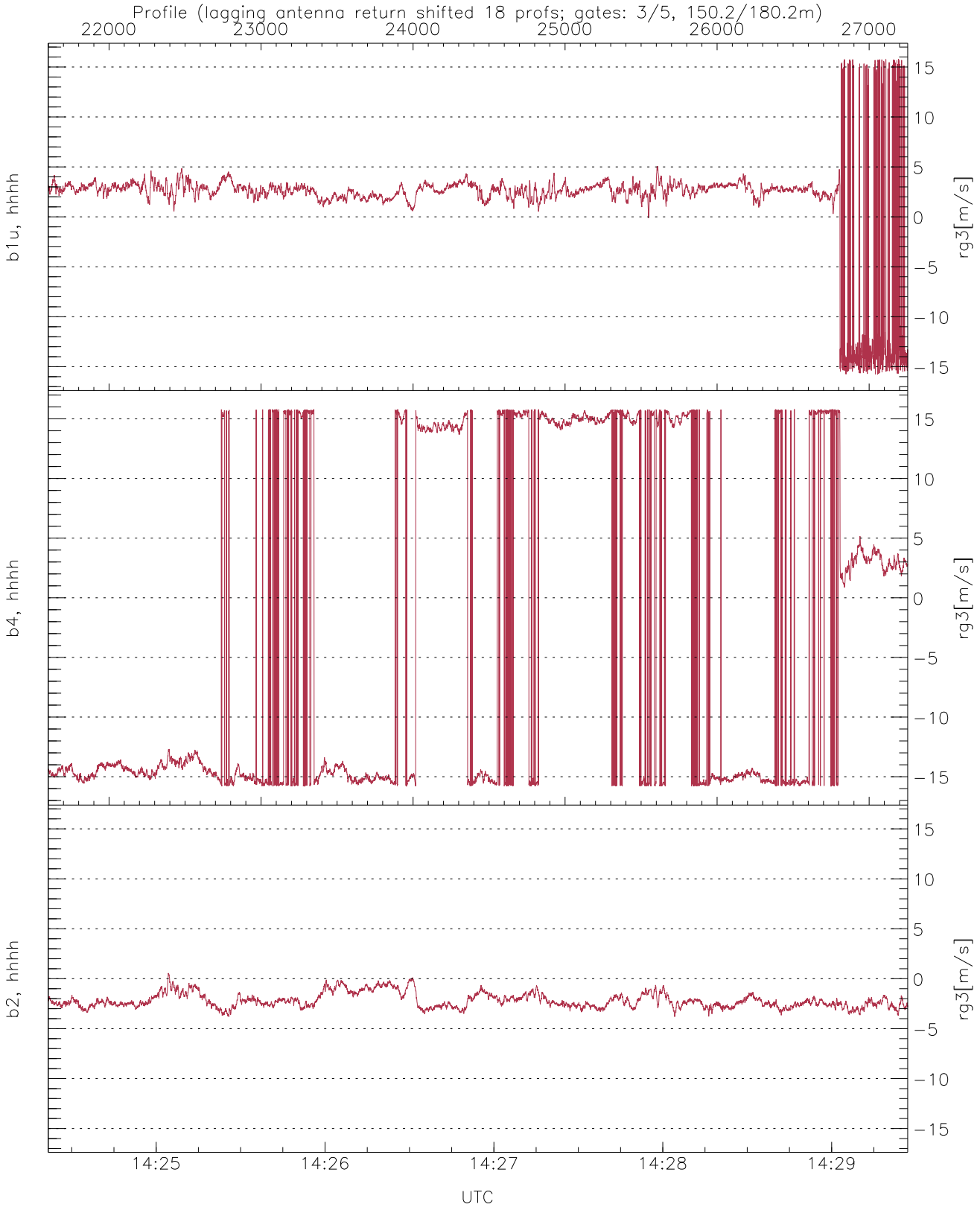
	Min	Max	Mean
up(hh[dBm])	-61.86	-5.24	-10.85
down-fore(hh[dBm])	-25.45	-6.88	-15.74
down(hh[dBm])	-21.47	-6.28	-12.62





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down(dB)	-51.64	9.94	-1.68
down/down-fore(dB)	-4.40	10.79	5.03



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.77	15.80	1.74	4.50
b4, hhhh(rg3[m/s])	-15.80	15.80	-3.36	14.04
b2, hhhh(rg3[m/s])	-3.81	0.56	-2.19	0.74