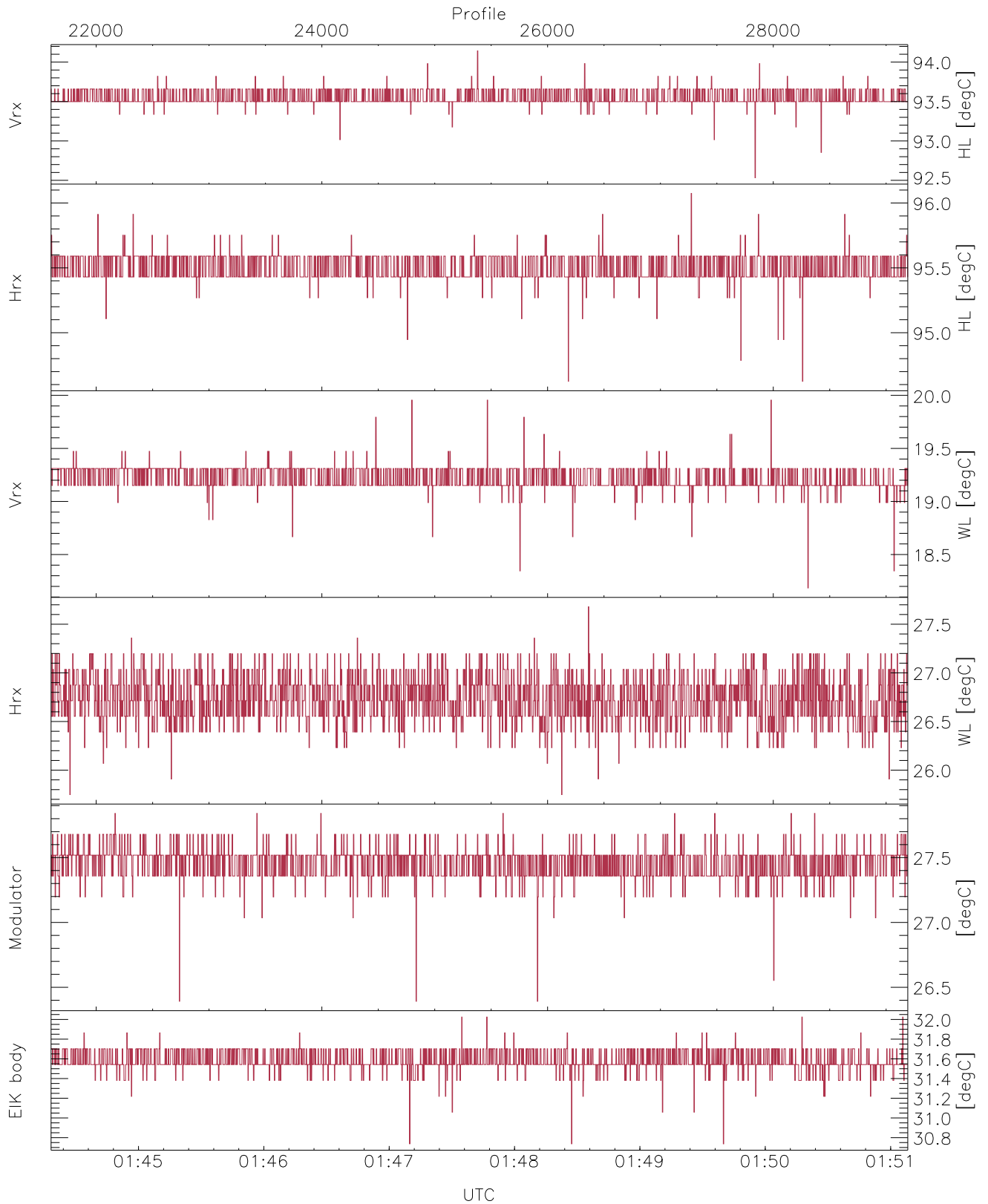


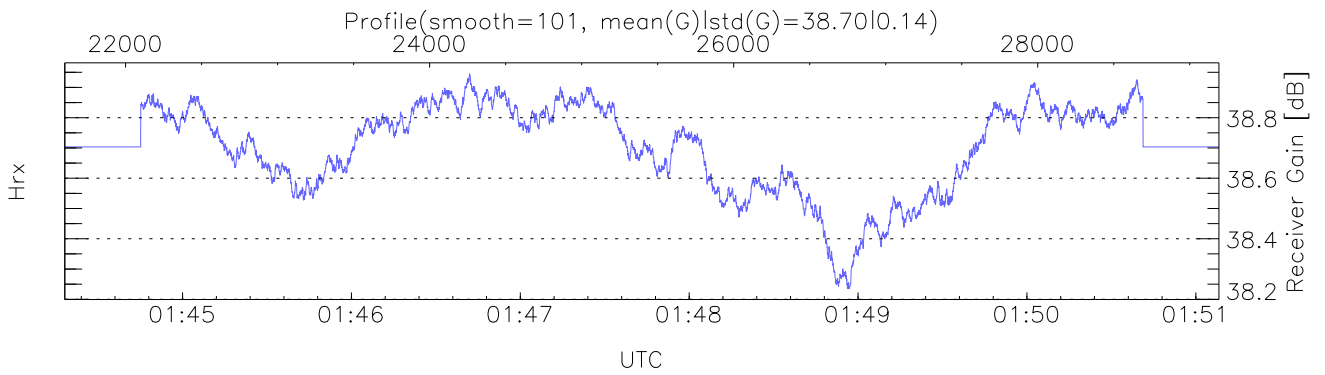
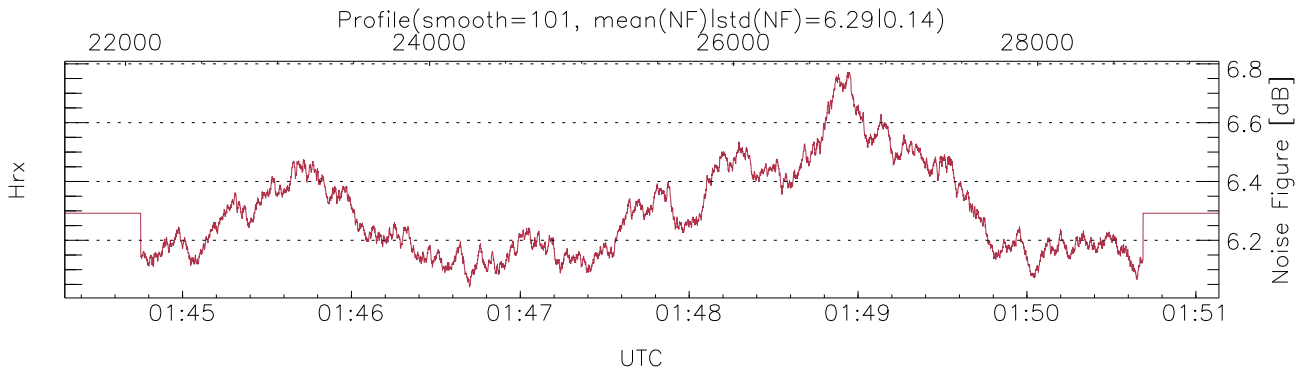
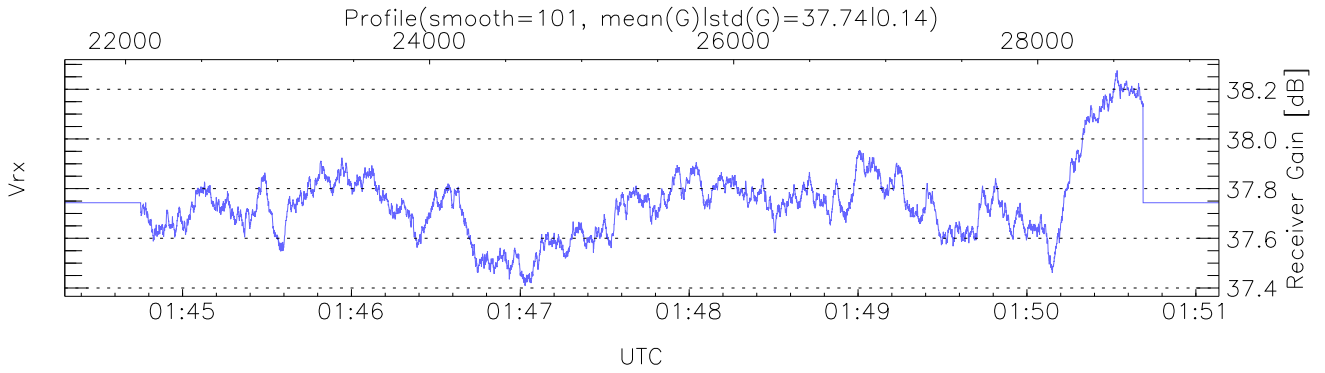
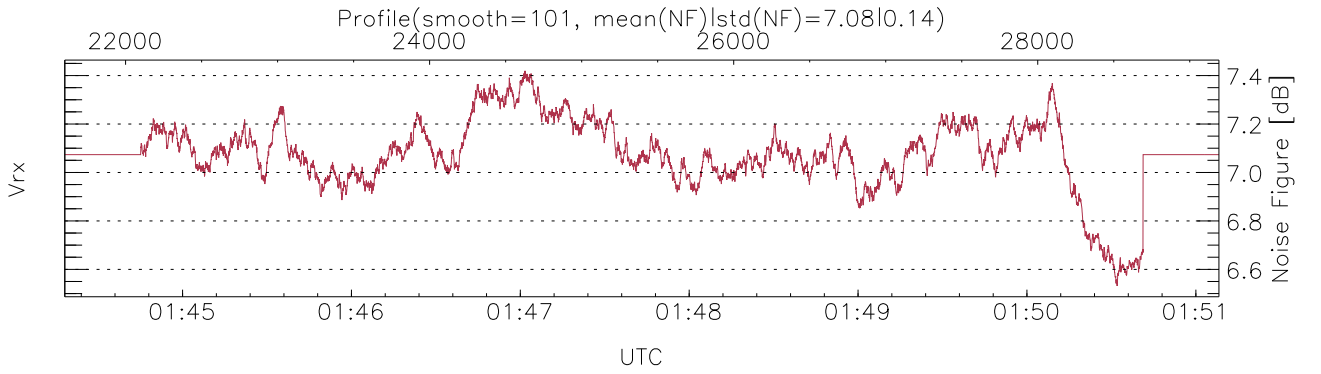
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:24:51-01:51:08, Dur: 1576.76s
 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): 7593/29193, 21600-29192/01:44:18-01:51:08
 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,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



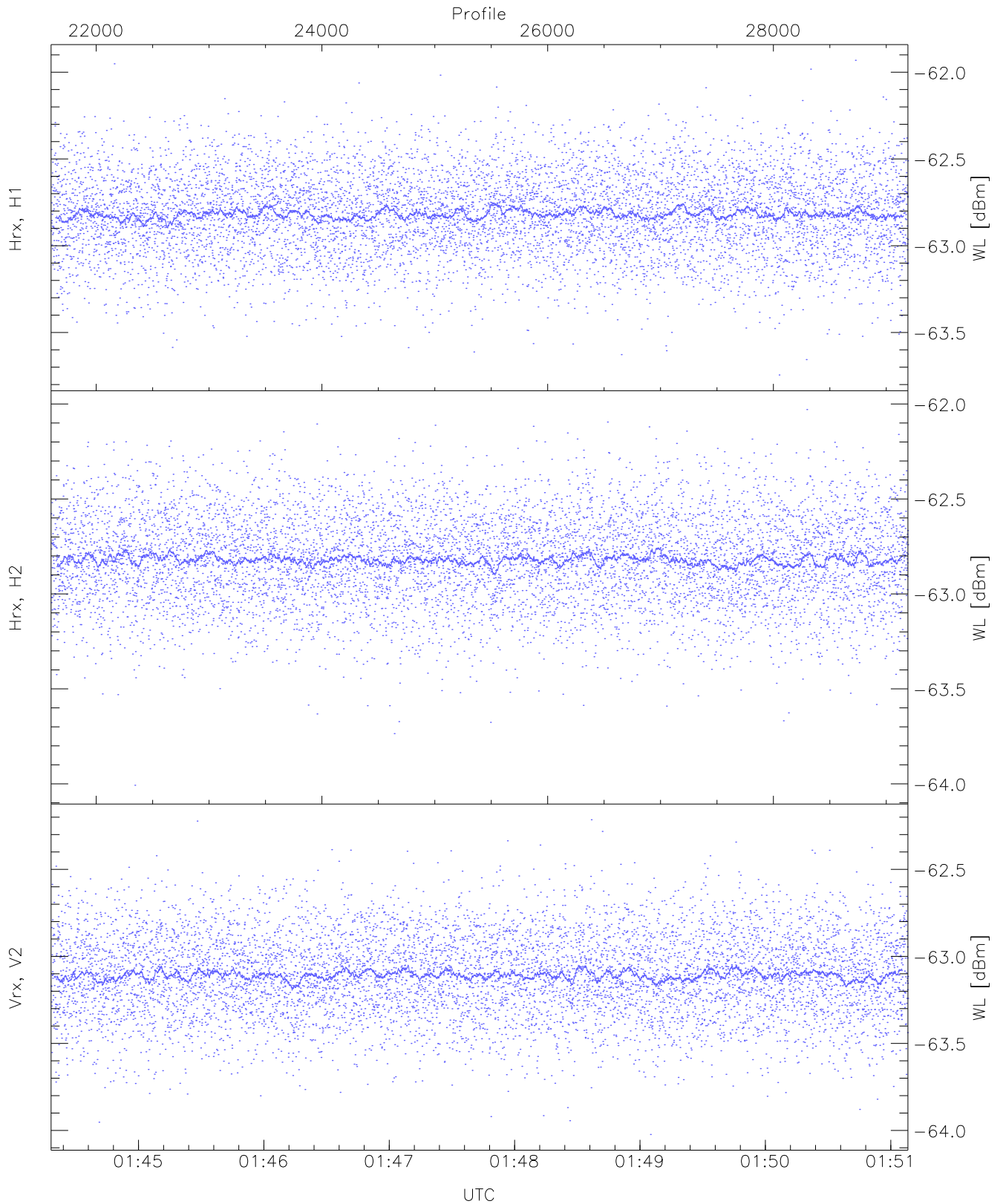
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,26,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,27,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,10,5)



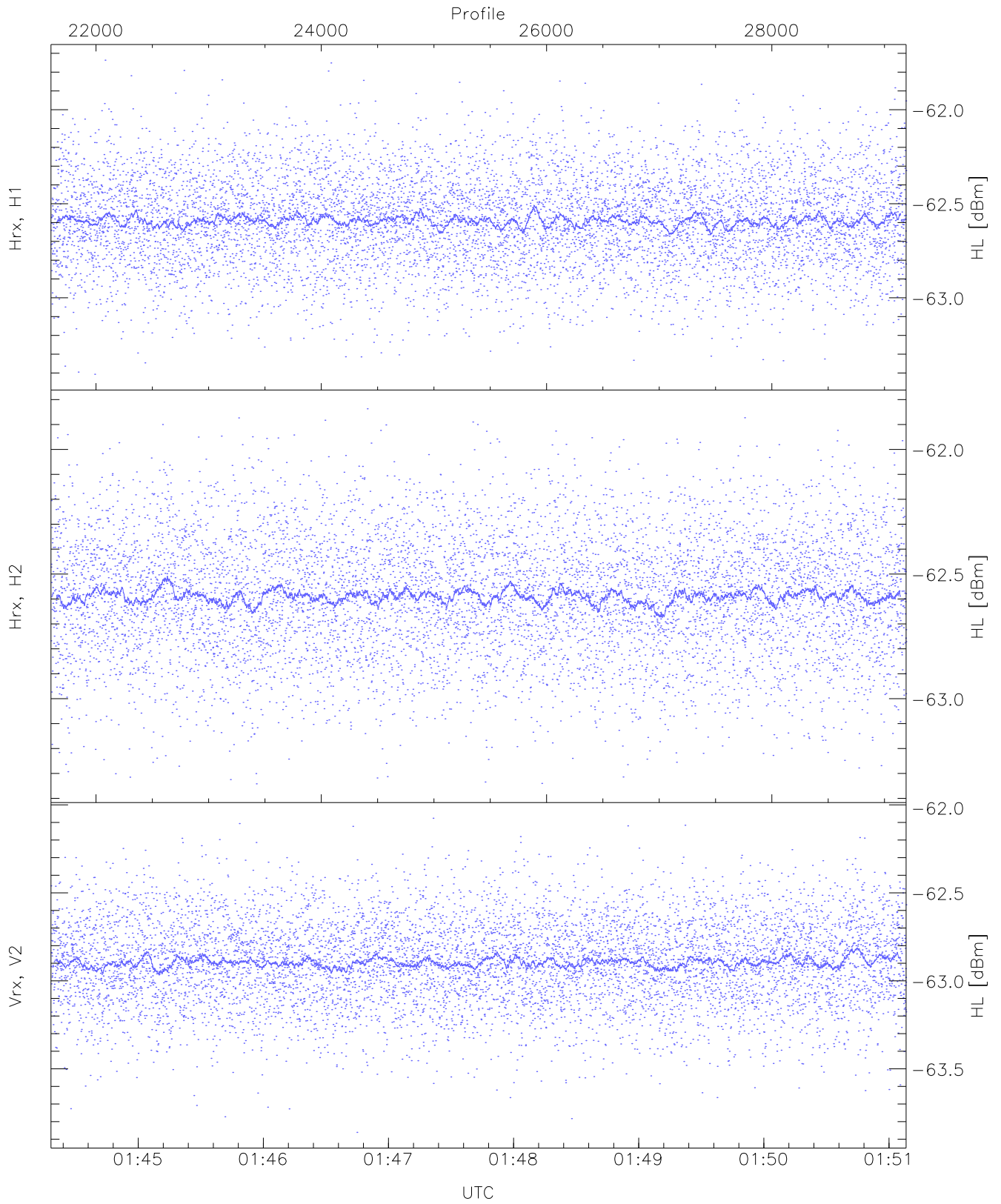
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 714 pixs, 43 gates, 705 profs, 2 prods



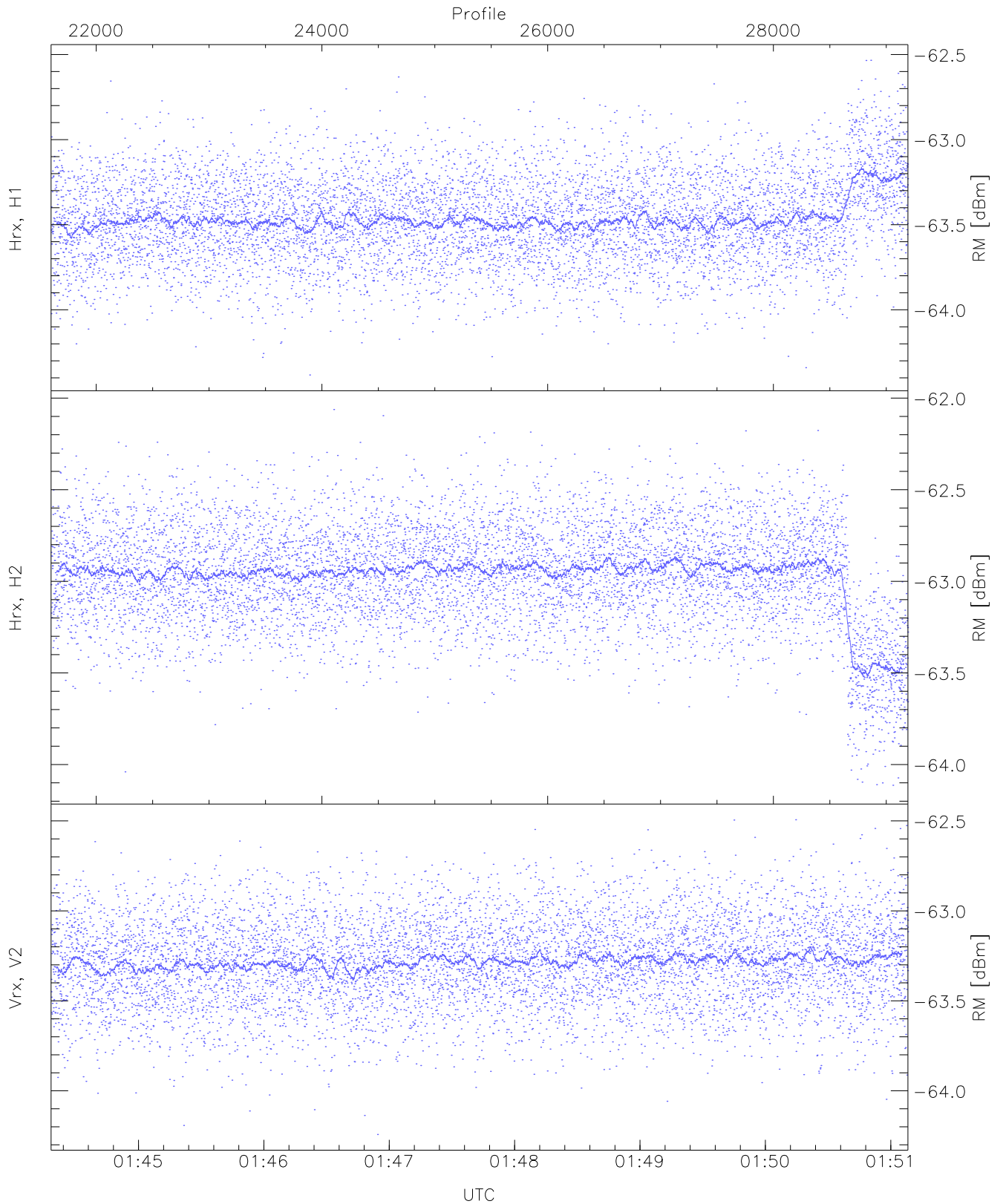
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.74	-61.93	-62.81	-62.81	-75.59
Hrx, H2(WL [dBm])	-64.01	-62.03	-62.82	-62.82	-75.58
Vrx, V2(WL [dBm])	-64.02	-62.21	-63.10	-63.11	-75.84



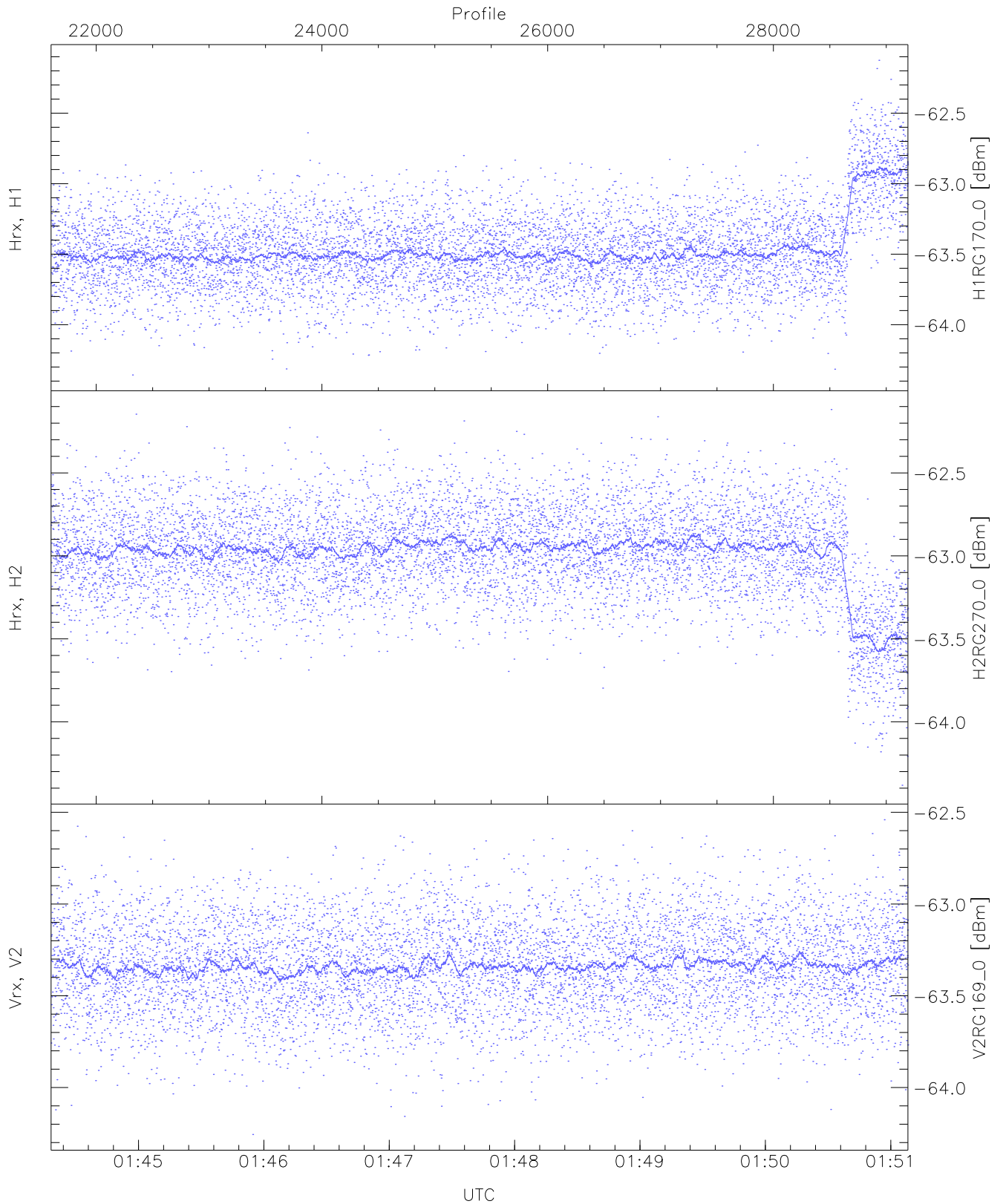
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.41	-61.74	-62.59	-62.59	-75.29
Hrx, H2 (HL [dBm])	-63.34	-61.84	-62.59	-62.59	-75.32
Vrx, V2 (HL [dBm])	-63.86	-62.08	-62.89	-62.90	-75.58



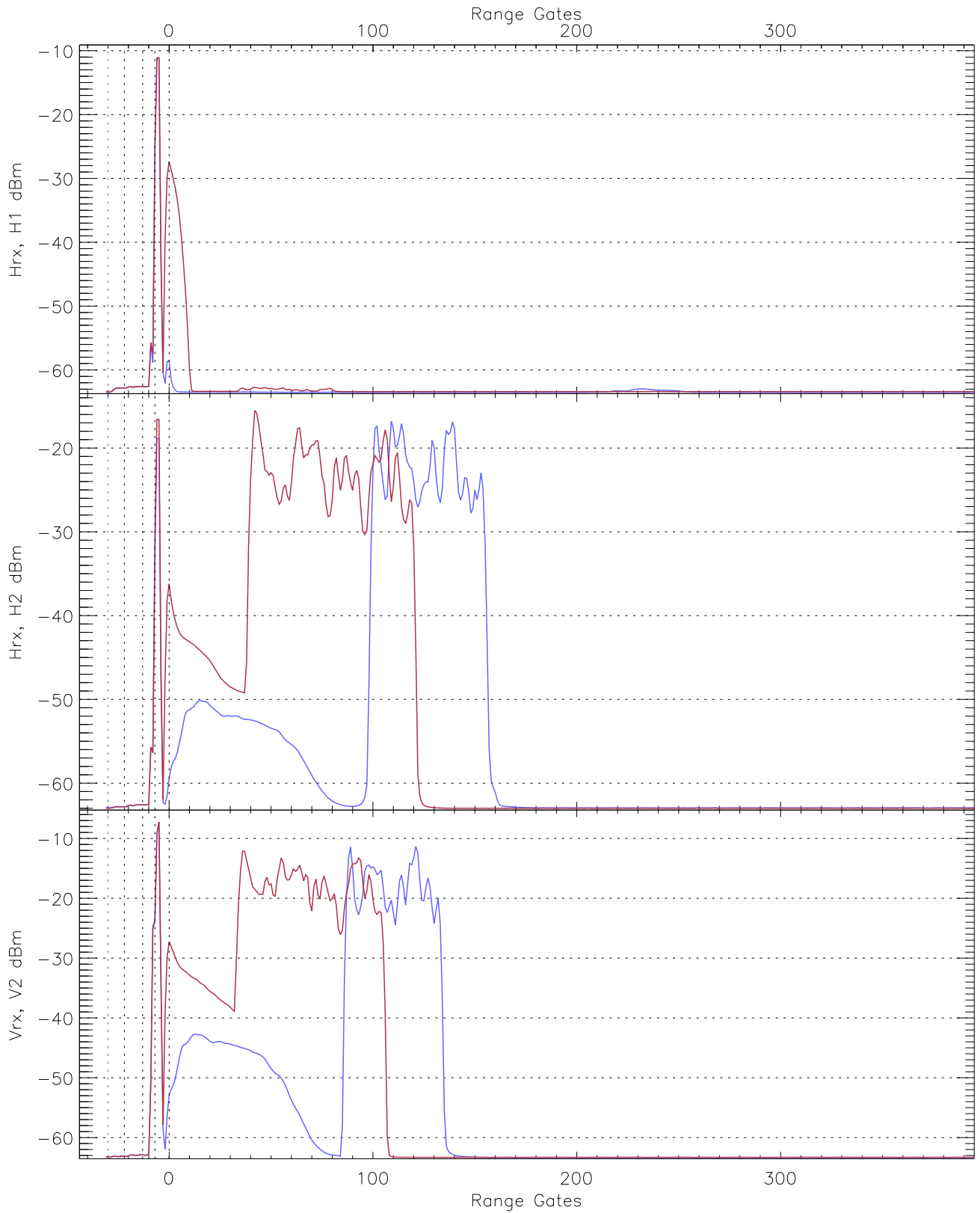
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.38	-62.53	-63.46	-63.47	-75.92
Hrx, H2 (RM [dBm])	-64.11	-62.06	-62.97	-62.96	-75.04
Vrx, V2 (RM [dBm])	-64.24	-62.49	-63.28	-63.28	-75.98

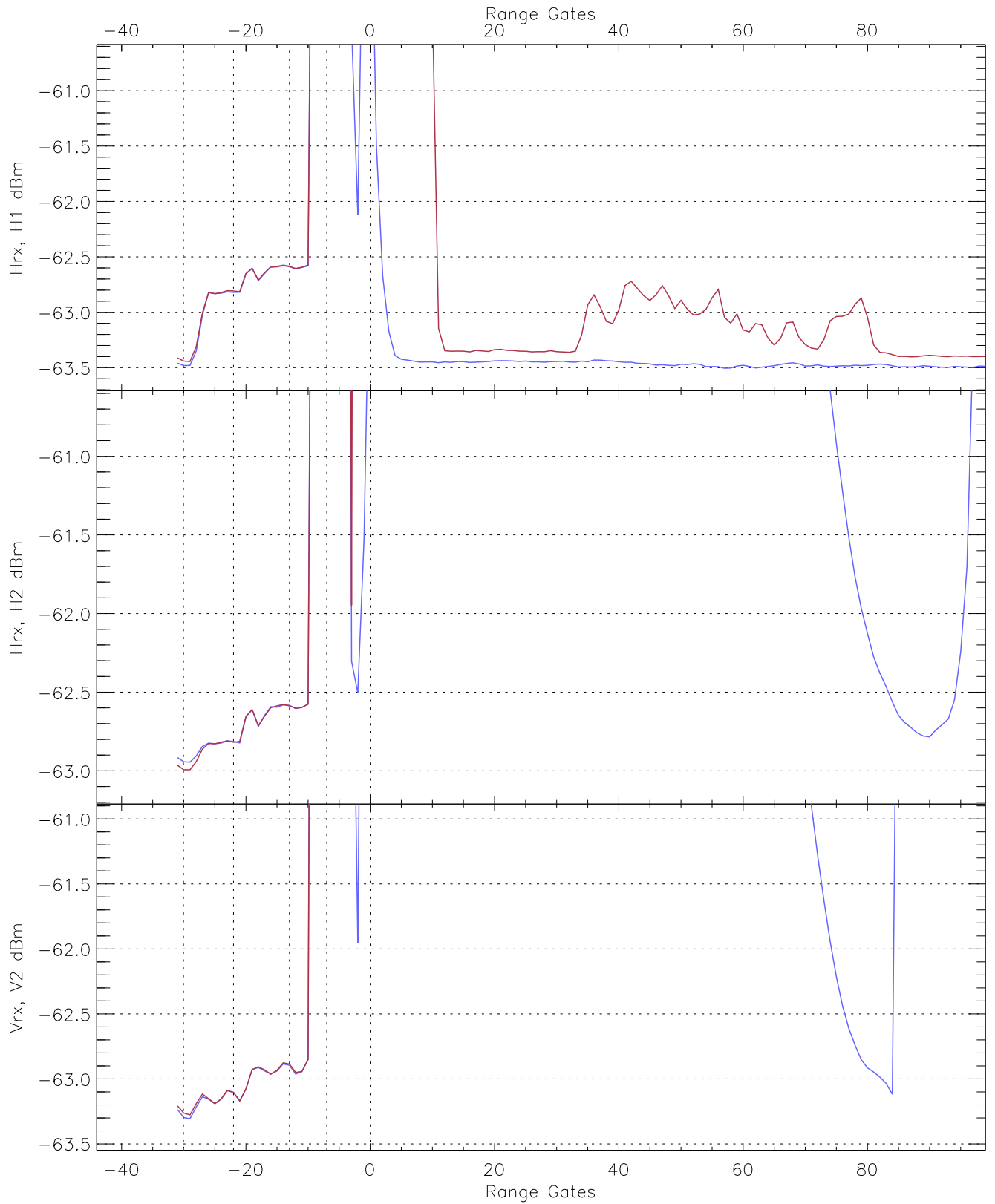


WCR2 CPP "Best" estimate Receivers Noise Power

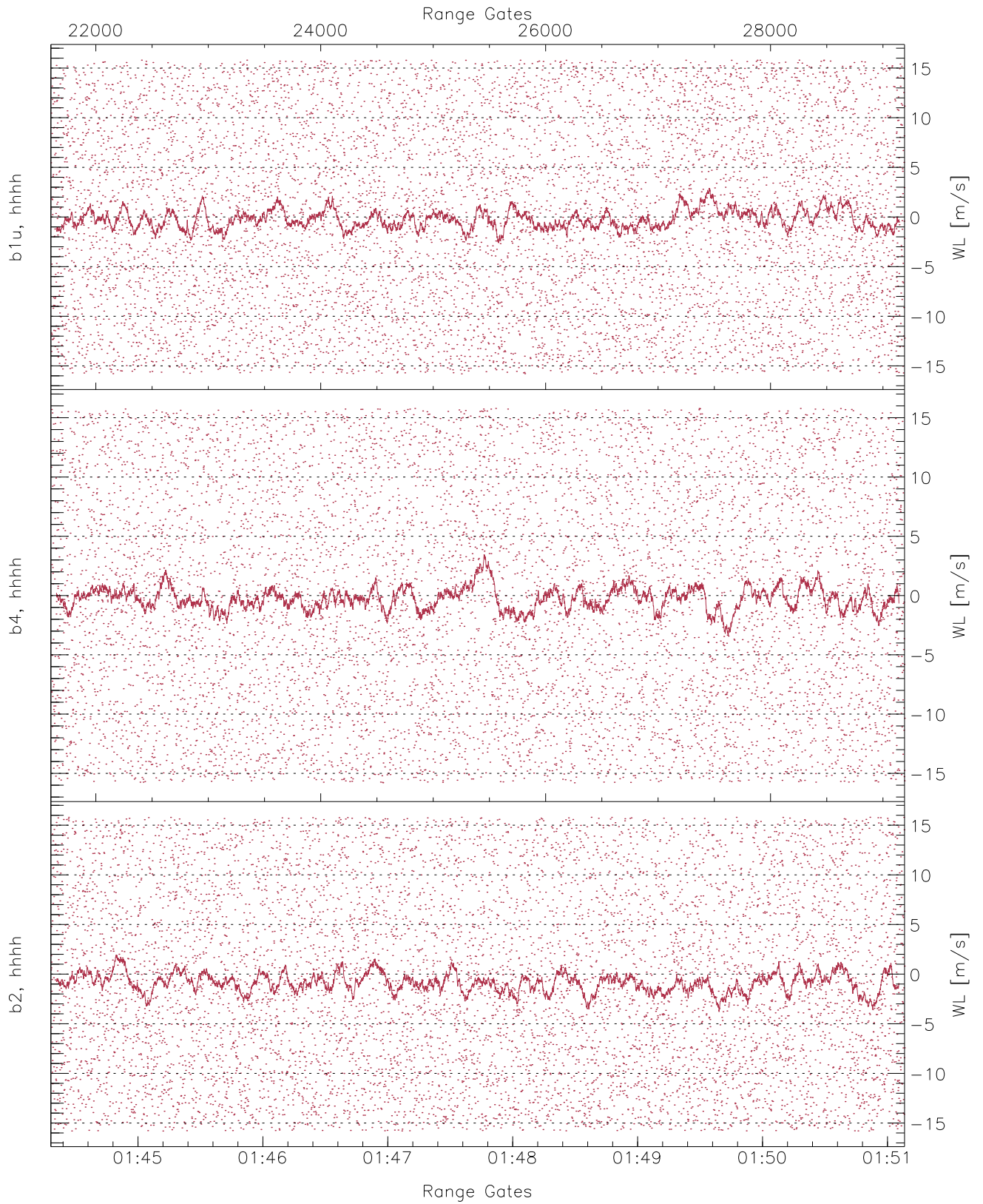
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.36	-62.13	-63.46	-63.49	-75.35
H2RG270_0 [dBm]	-64.38	-62.12	-62.98	-62.97	-75.05
V2RG169_0 [dBm]	-64.26	-62.54	-63.34	-63.34	-76.01



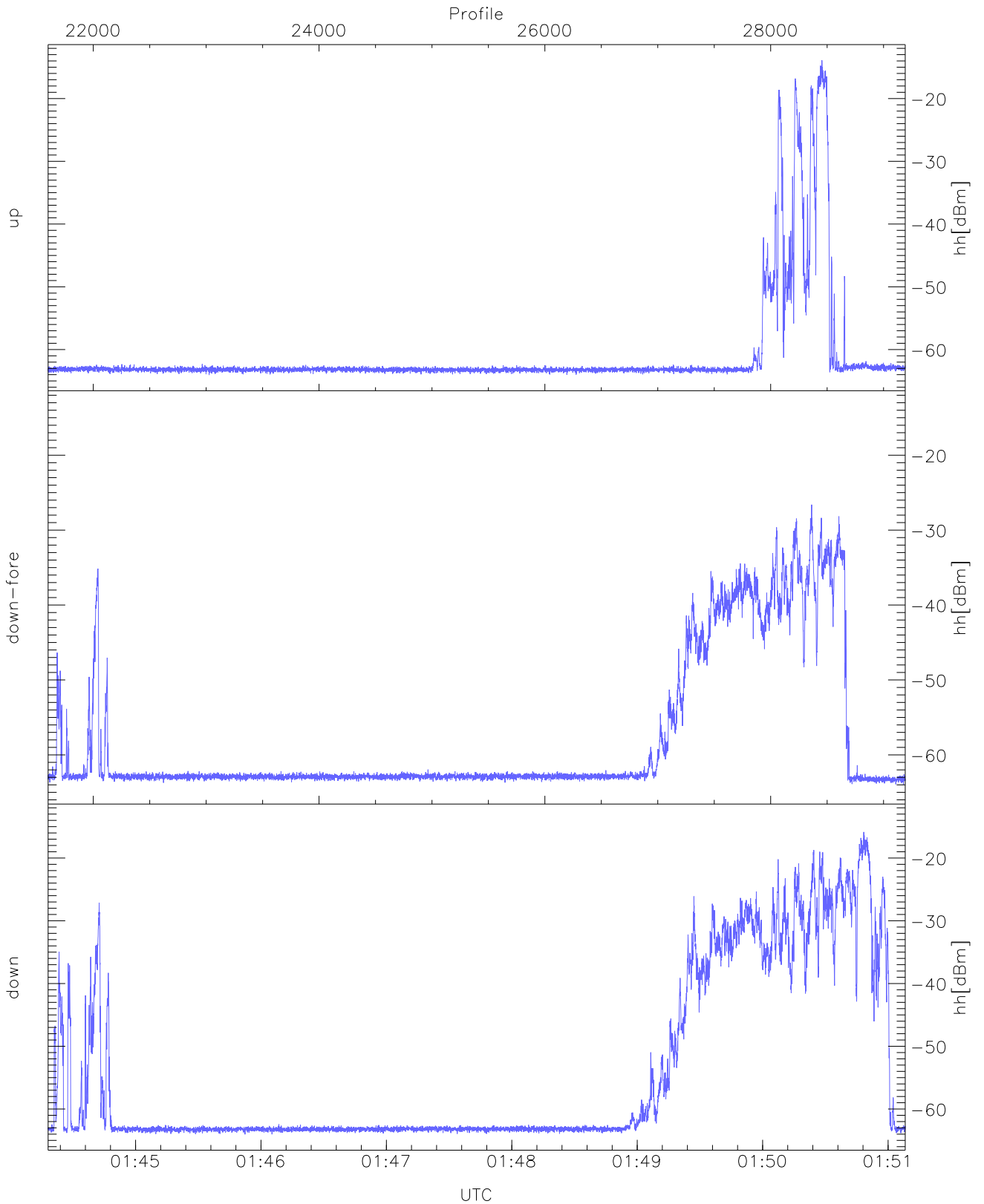
WCR2 CPP Averaged Received power for all recorded gates
blue: 014418-014743, 3797 profiles averaged
red: 014743-015108, 3797 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 014418-014743, 3797 profiles averaged
red: 014743-015108, 3797 profiles averaged

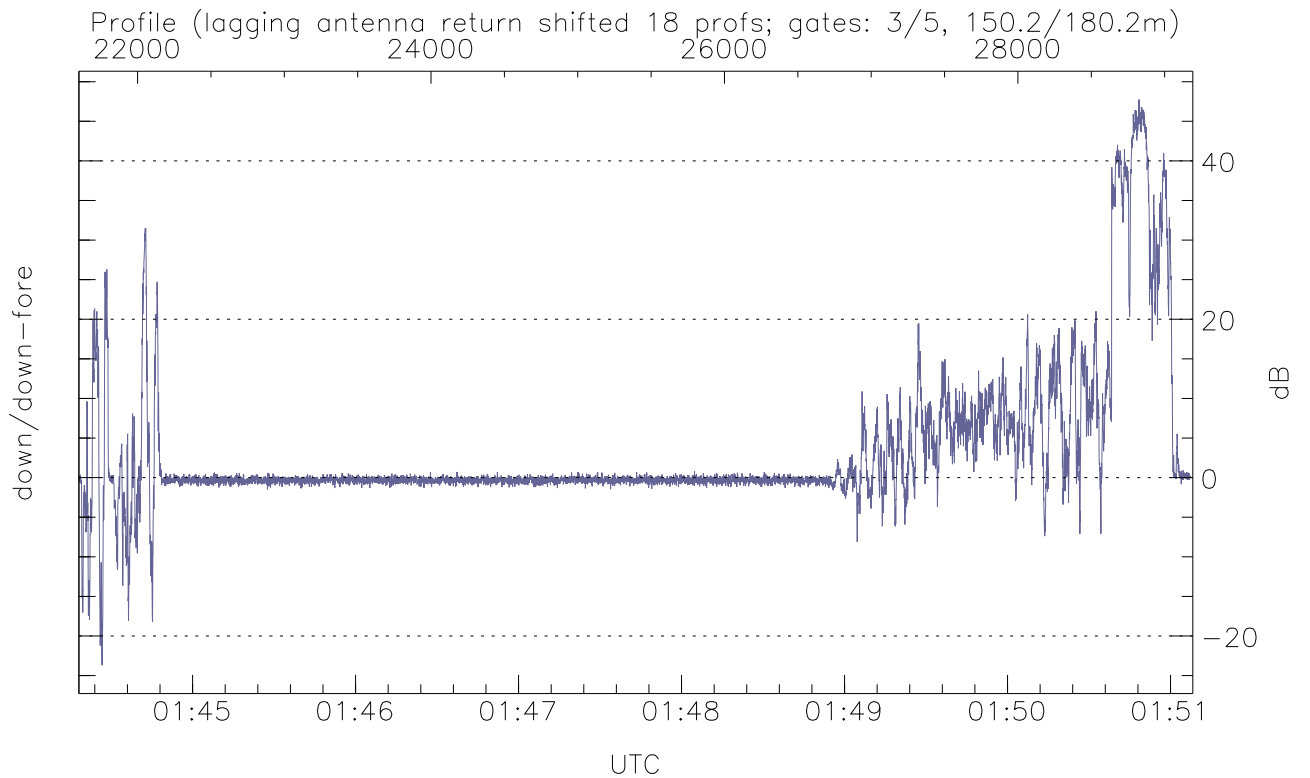
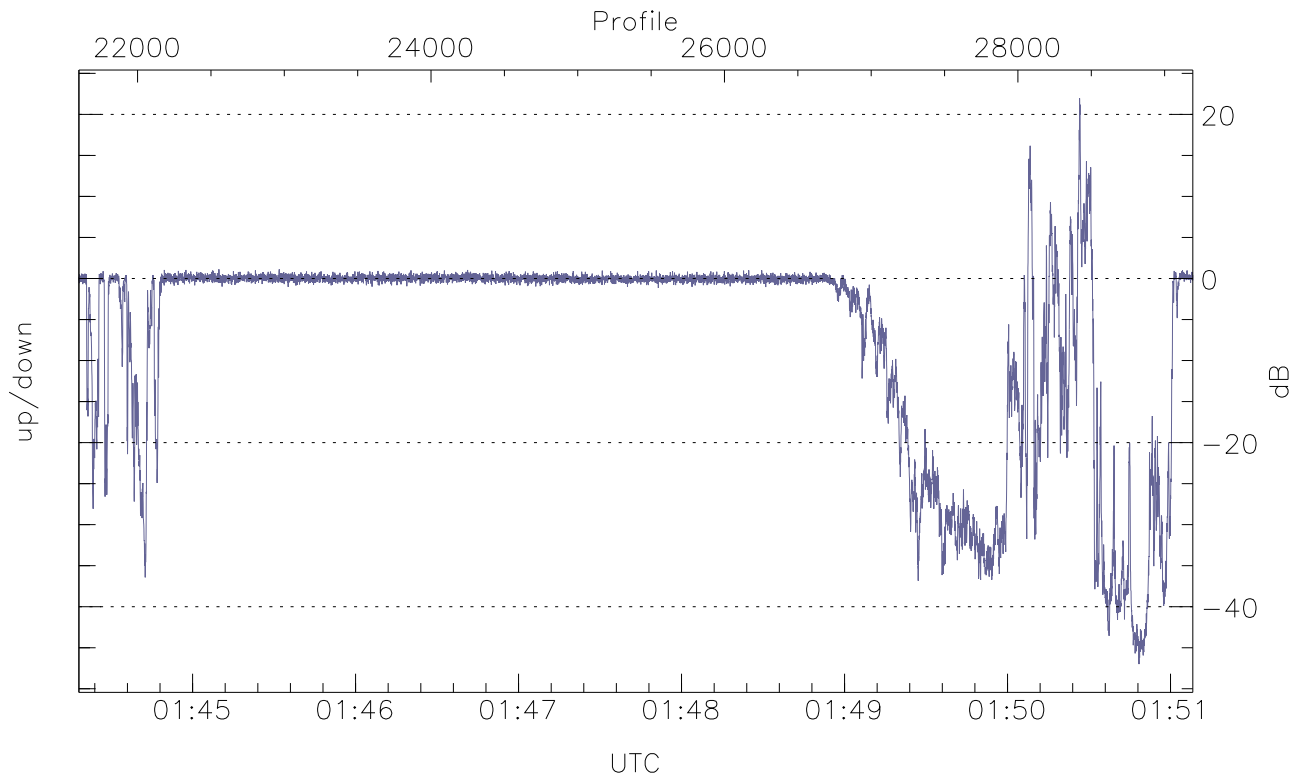


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



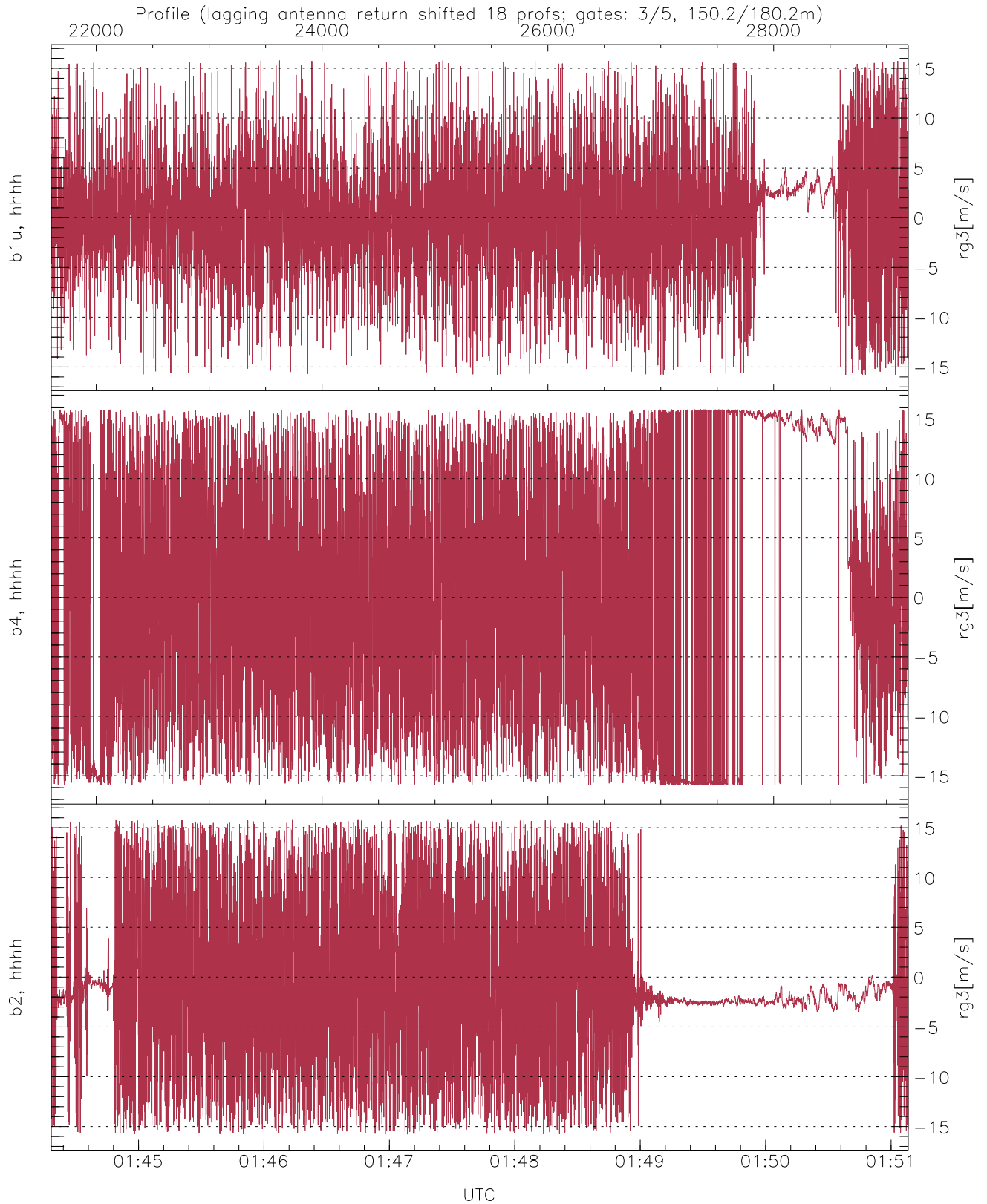
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.05	-13.90	-34.46
down-fore(hh[dBm])	-63.93	-26.60	-43.50
down(hh[dBm])	-64.04	-15.85	-32.81



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

	Min	Max	Mean
up/down (dB)	-46.99	21.96	-6.76
down/down-fore (dB)	-23.70	47.75	3.37



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.78	15.78	0.06	5.77
b4, hhhh(rg3[m/s])	-15.80	15.80	1.01	10.87
b2, hhhh(rg3[m/s])	-15.79	15.79	-1.02	7.23