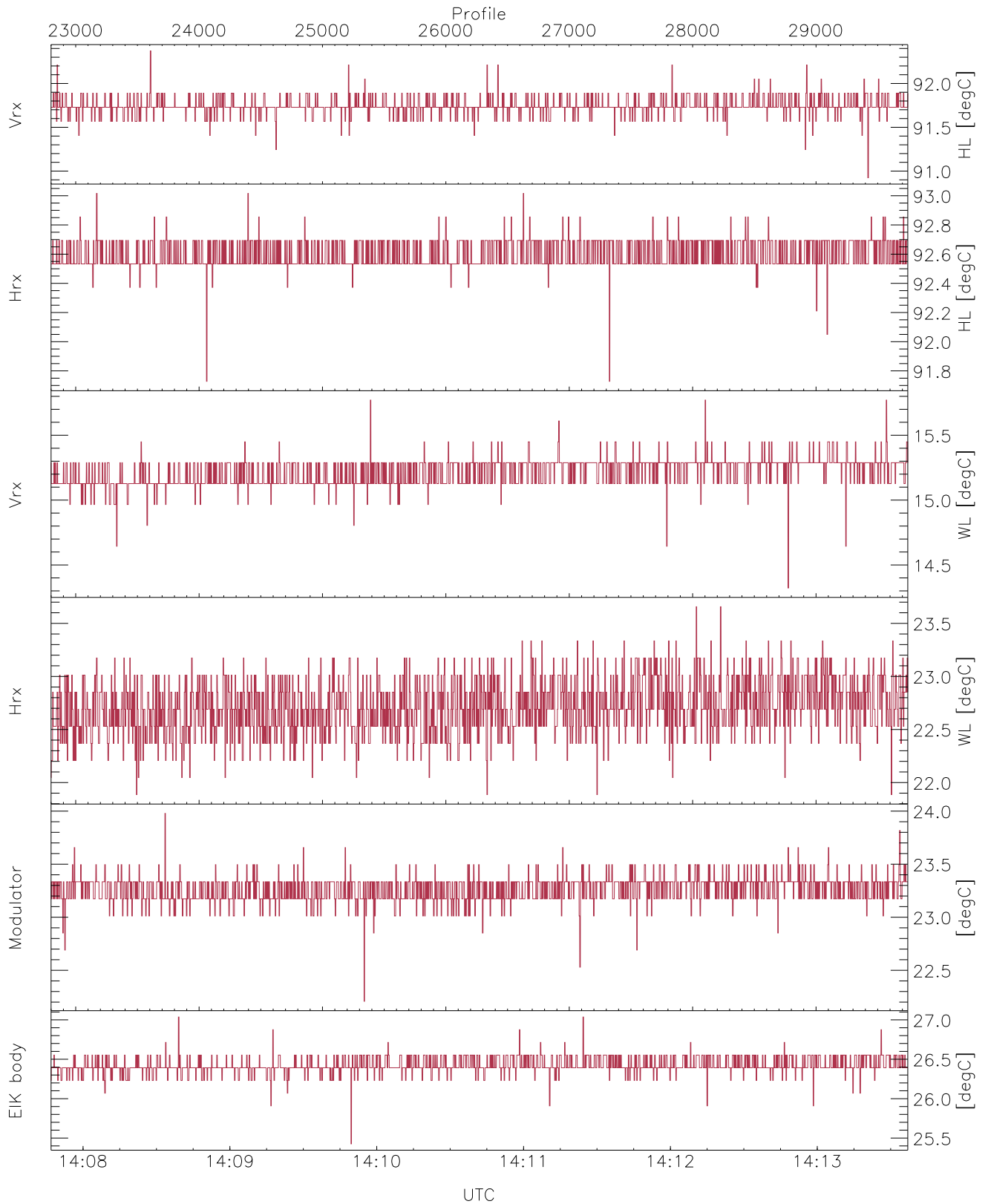


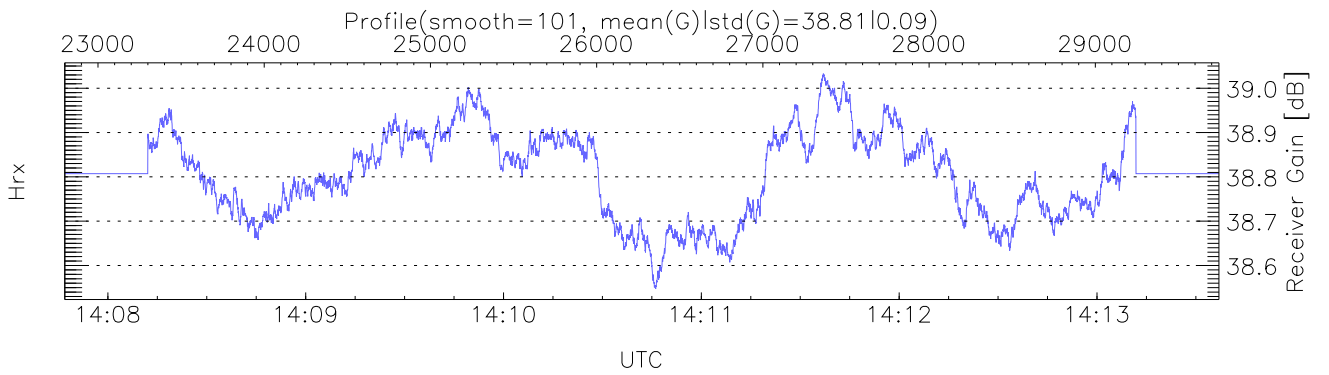
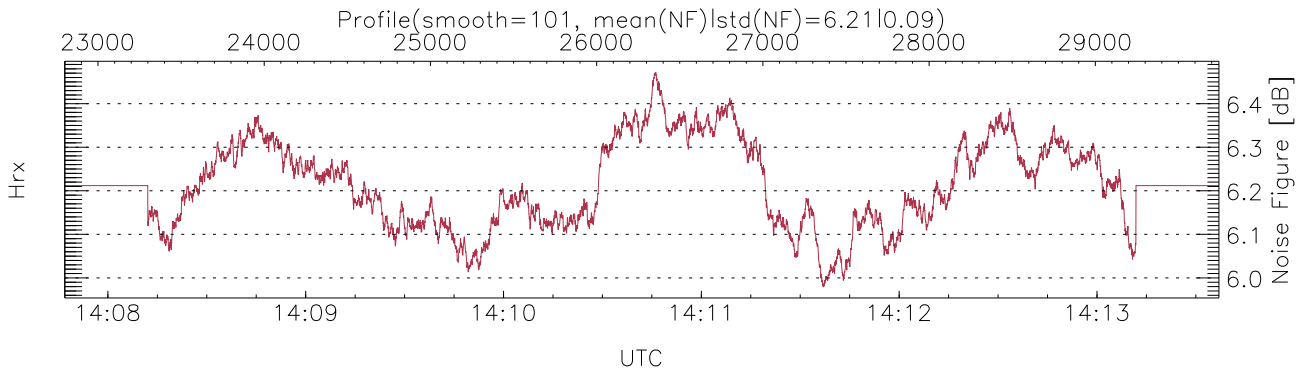
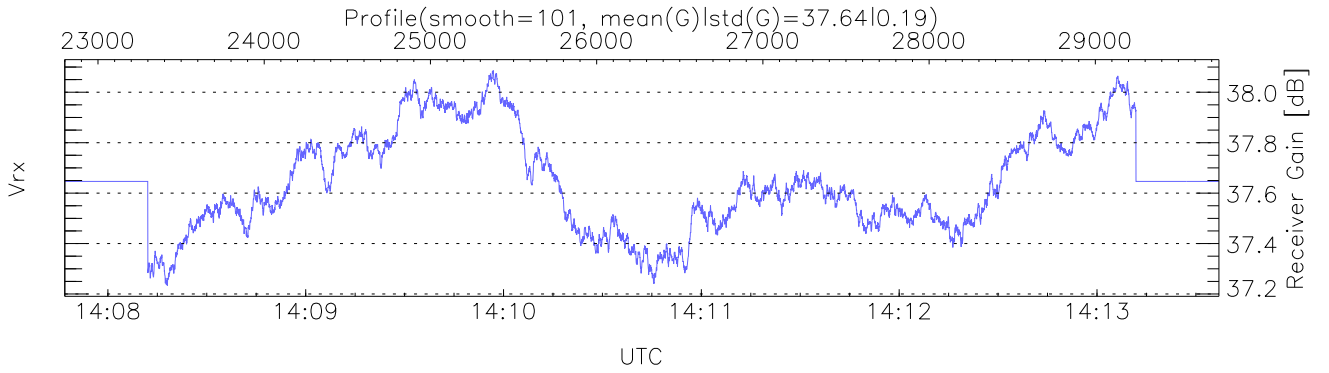
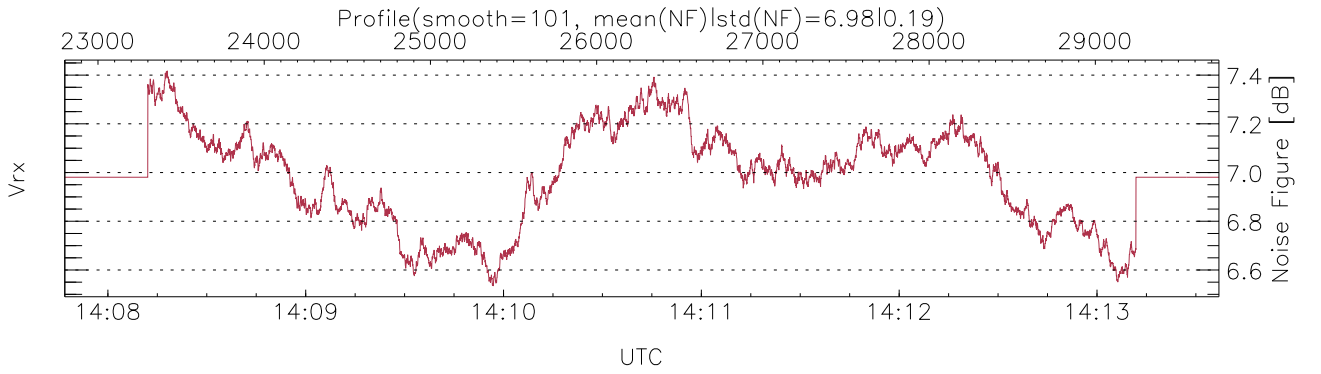
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:48:38-14:13:37, Dur: 1499.47s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 6945/29745, 22800-29744/14:07:47-14:13:37
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, 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): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



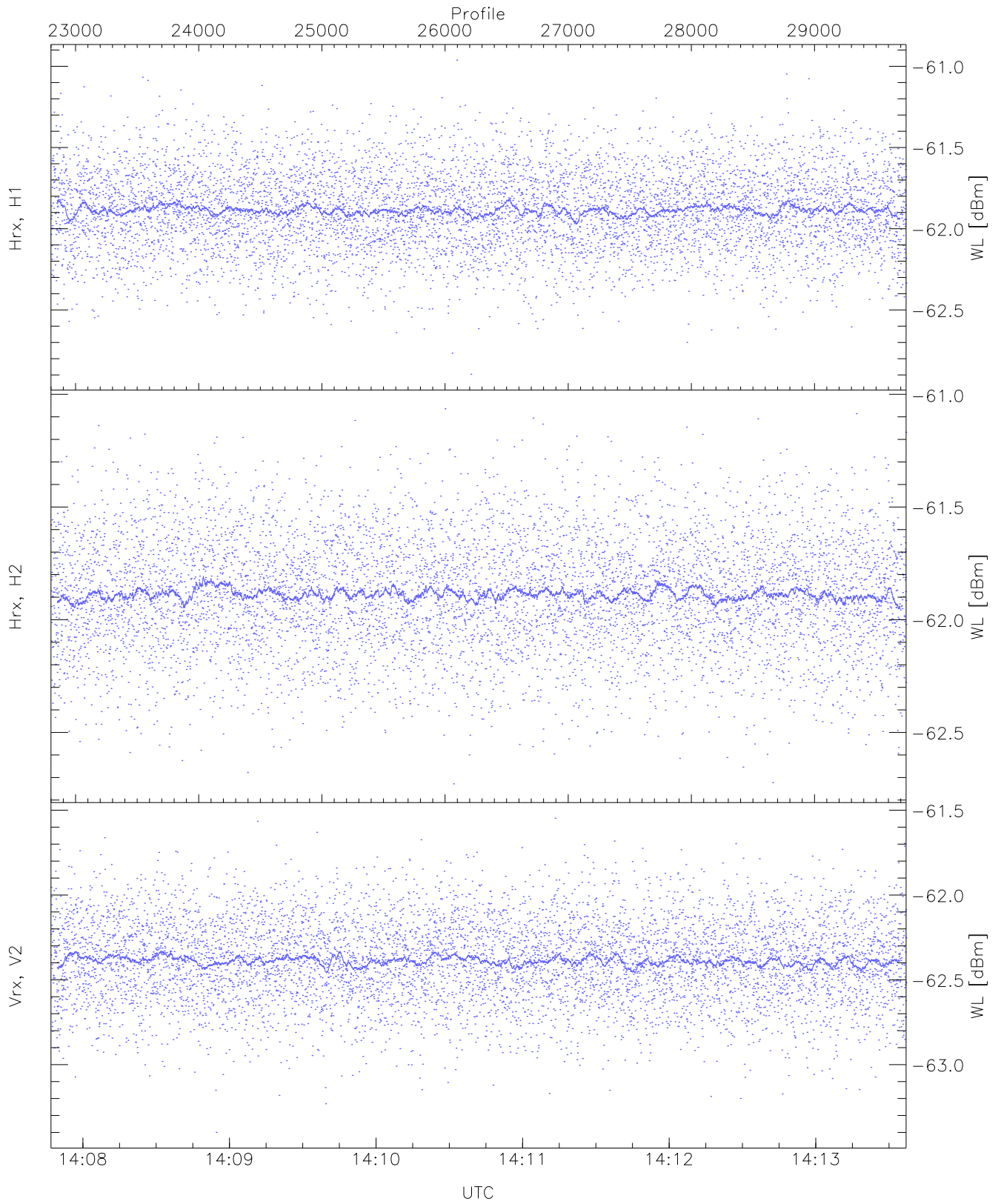
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,22,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,23,27
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,6)



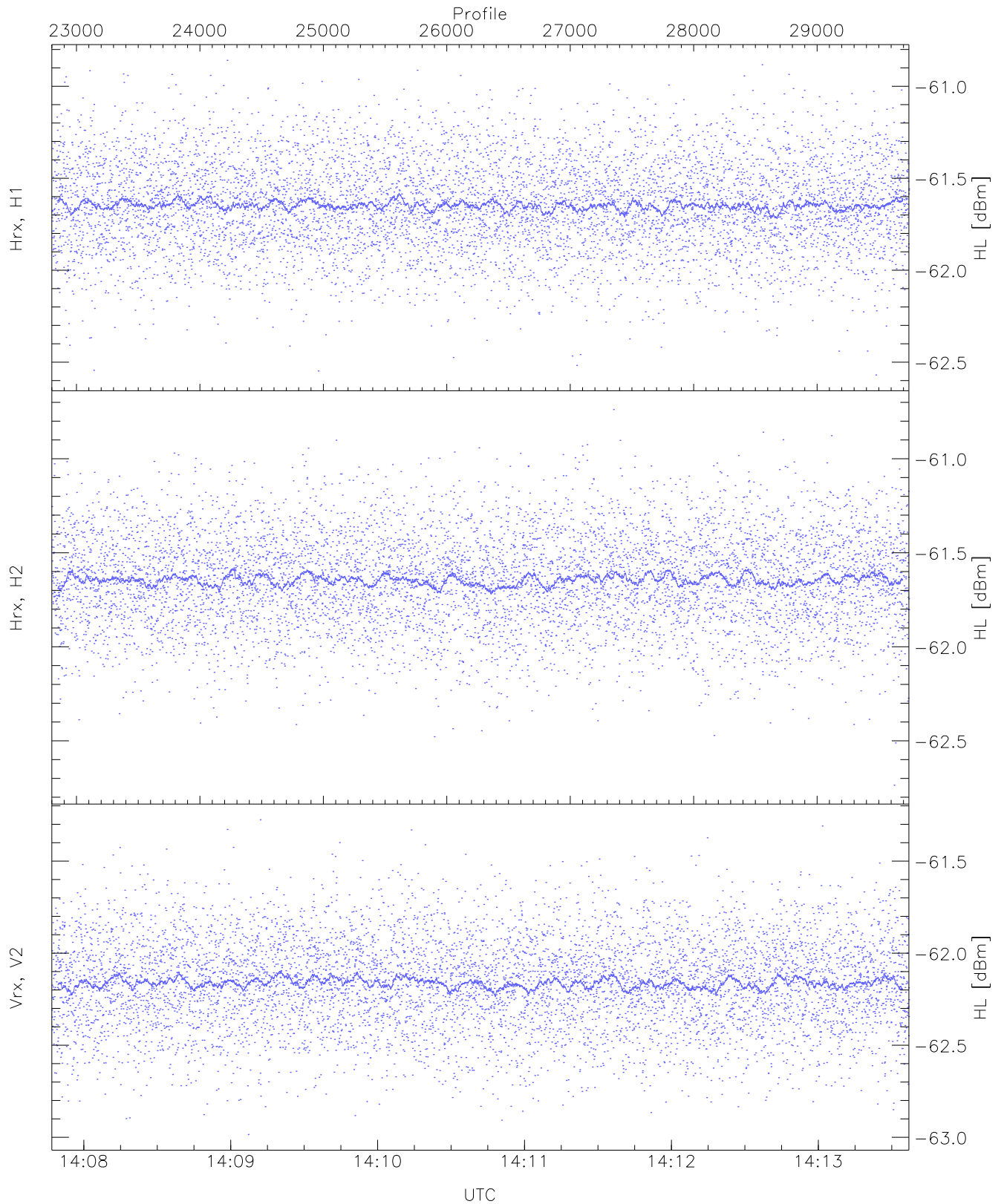
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5808 pixs, 4 gates, 5803 profs, 1 prods



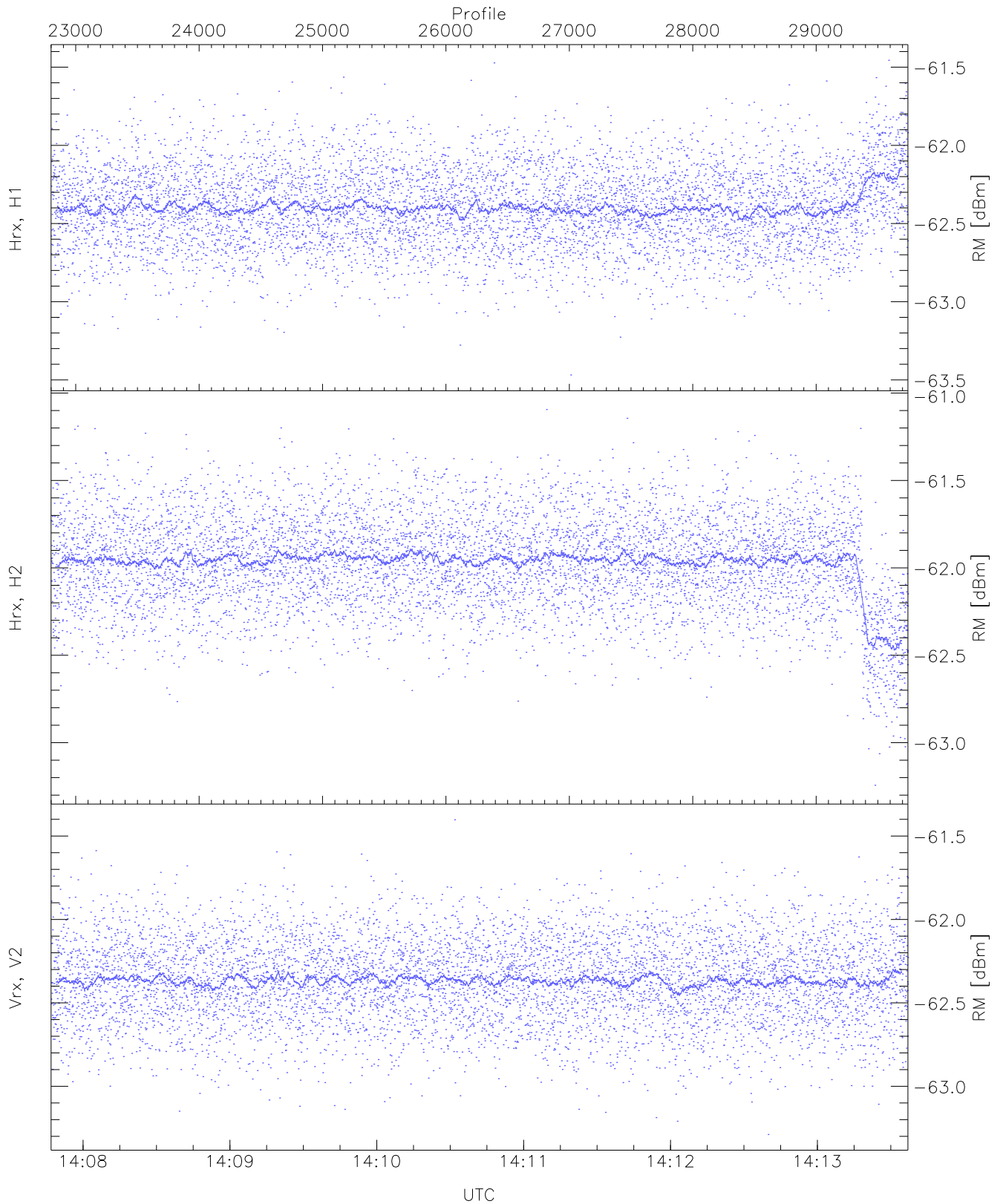
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.90	-60.96	-61.88	-61.89	-74.46
Hrx, H2 (WL [dBm])	-62.73	-61.06	-61.88	-61.89	-74.43
Vrx, V2 (WL [dBm])	-63.40	-61.55	-62.38	-62.39	-75.00



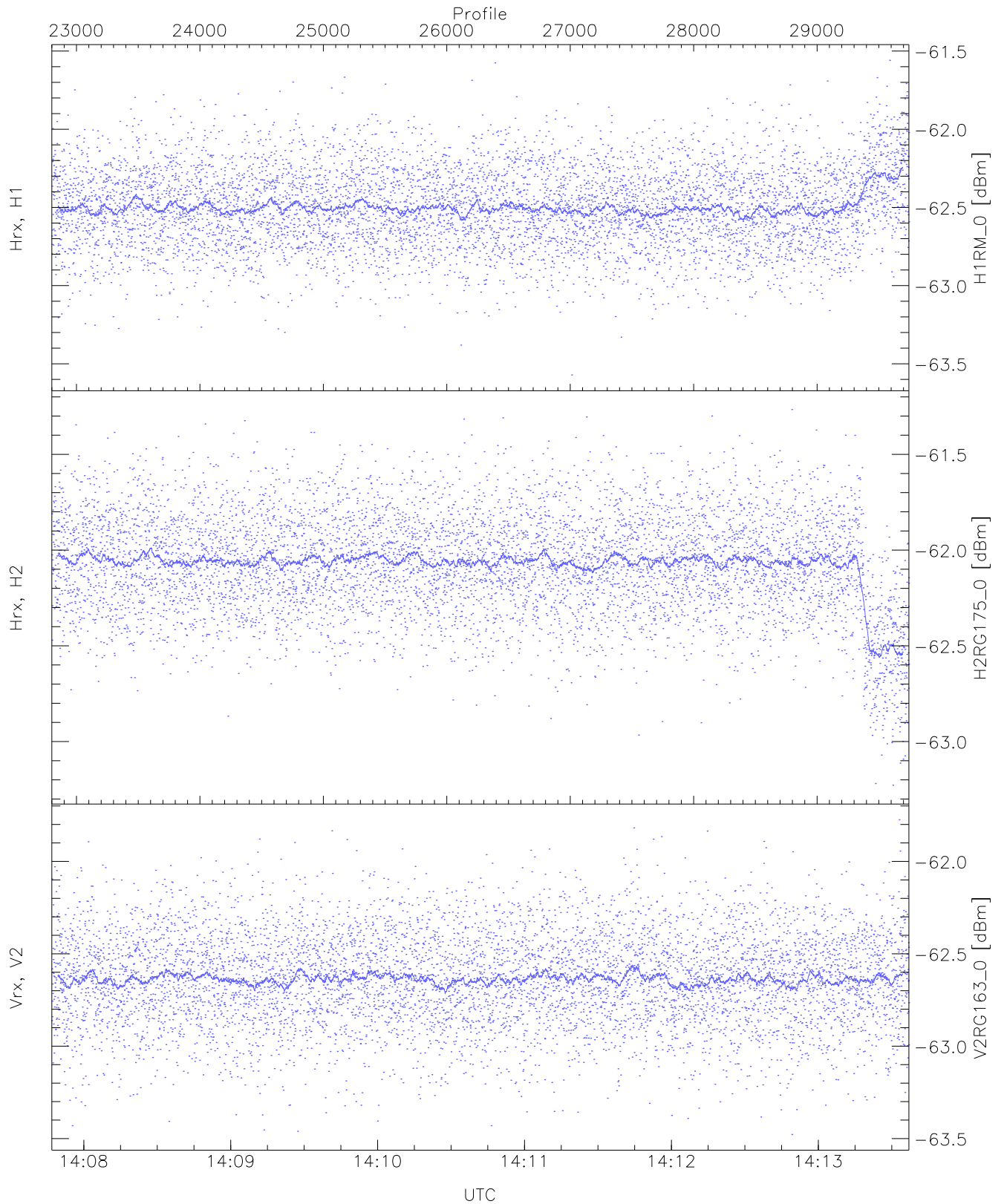
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.57	-60.86	-61.64	-61.65	-74.22
Hrx, H2 (HL [dBm])	-62.74	-60.74	-61.64	-61.64	-74.16
Vrx, V2 (HL [dBm])	-62.98	-61.28	-62.16	-62.16	-74.74



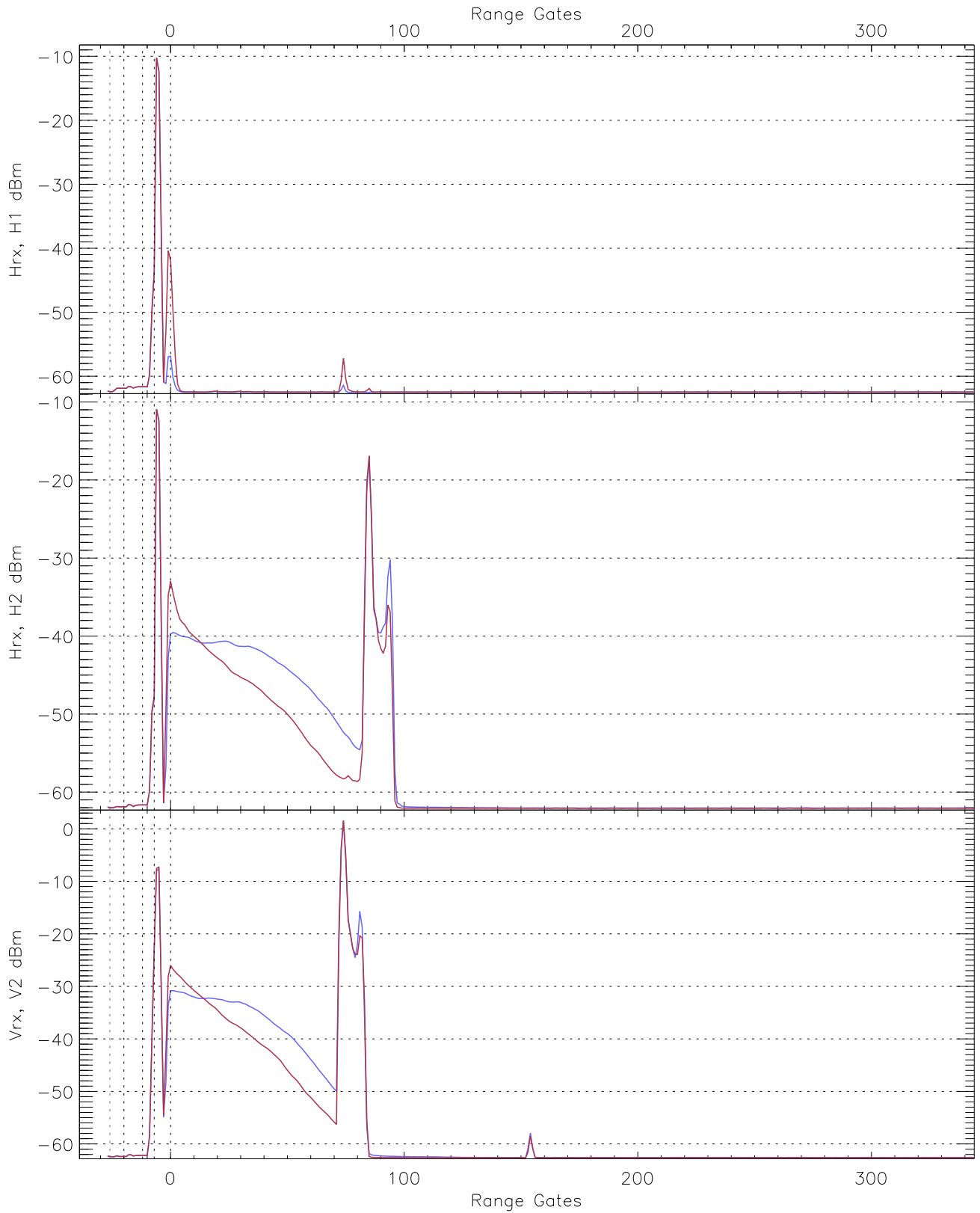
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.47	-61.46	-62.39	-62.40	-74.82
Hrx, H2 (RM [dBm])	-63.24	-61.09	-61.97	-61.96	-74.18
Vrx, V2 (RM [dBm])	-63.29	-61.40	-62.36	-62.36	-74.93

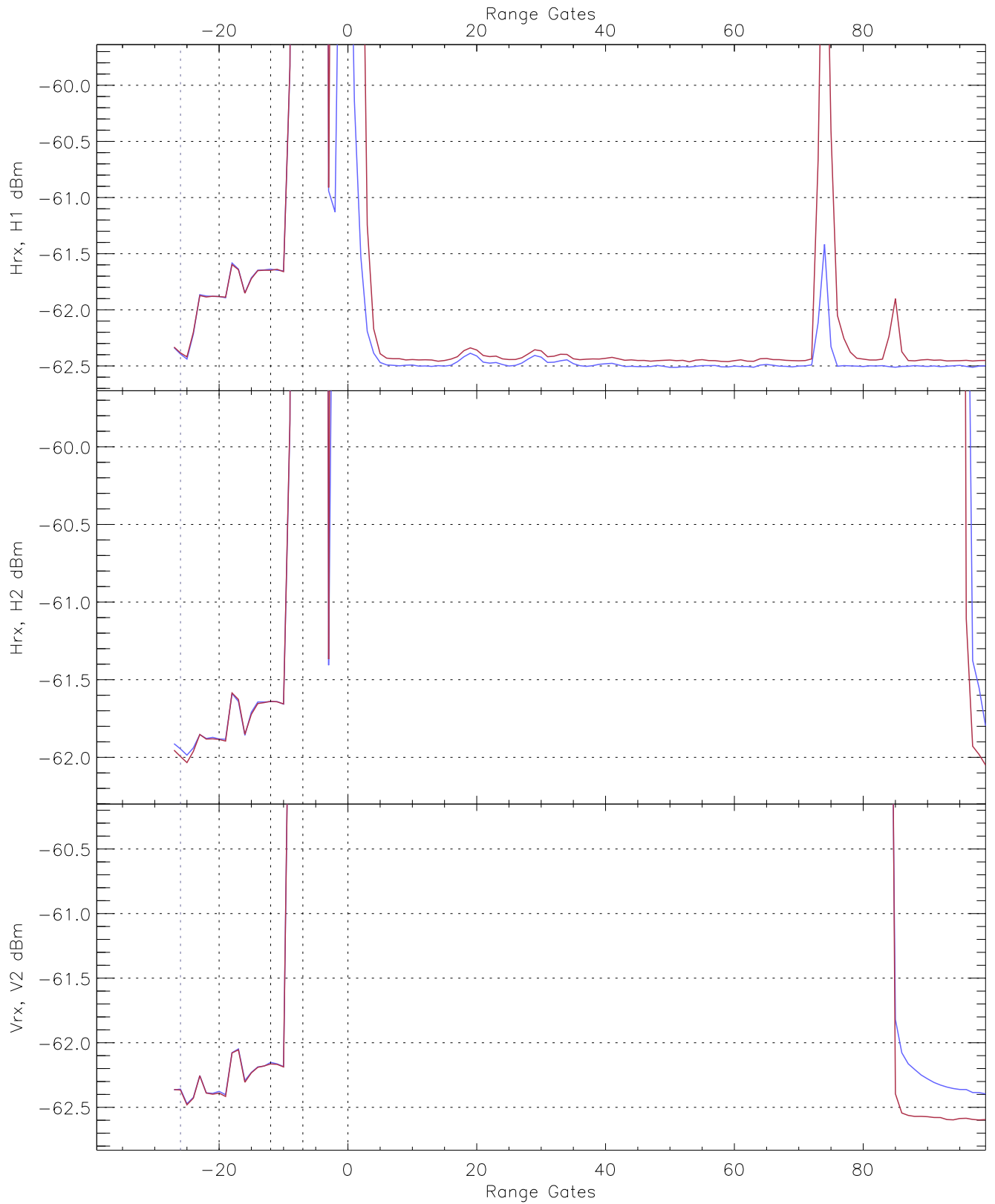


WCR2 CPP "Best" estimate Receivers Noise Power

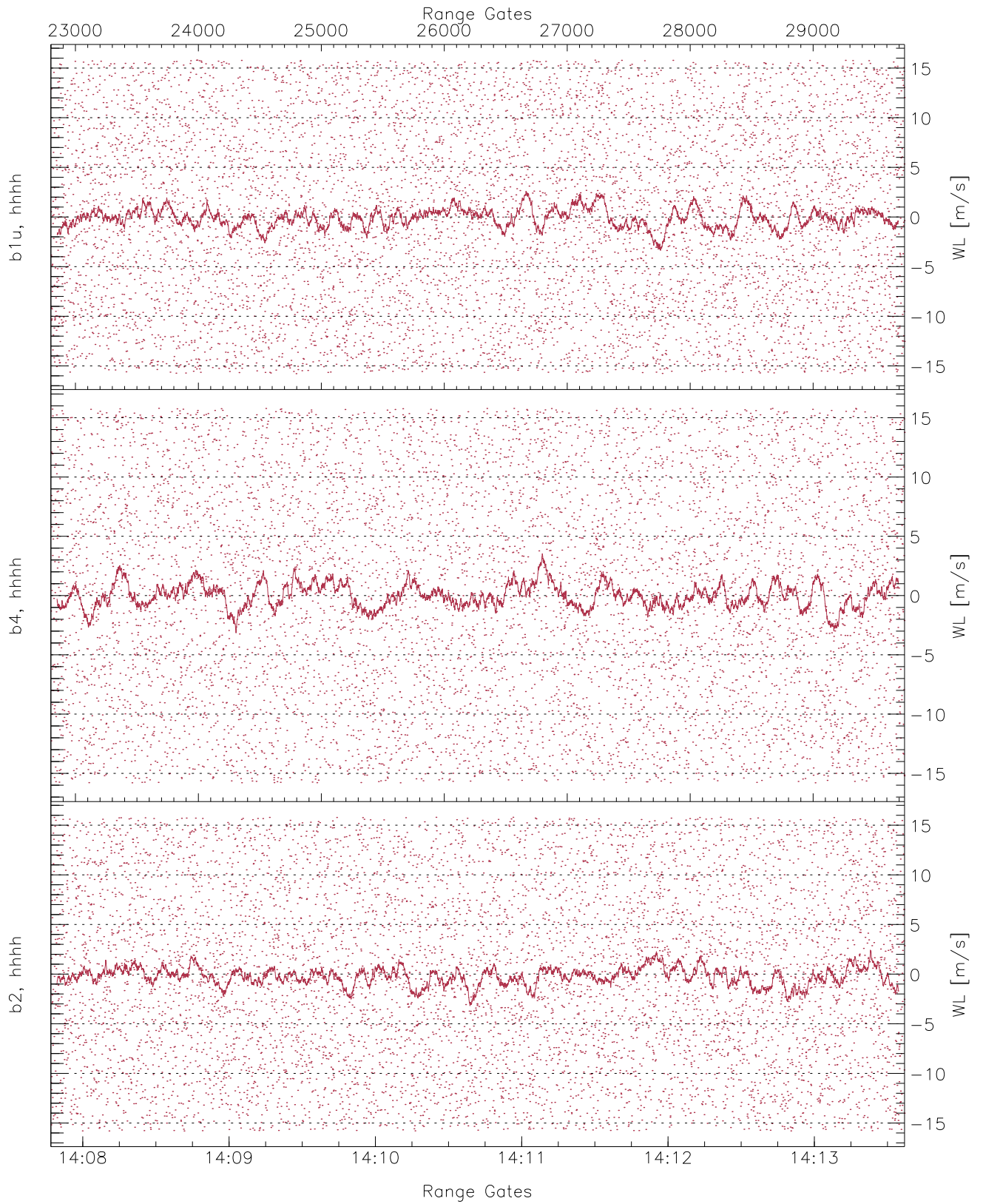
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-63.57	-61.56	-62.49	-62.50	-74.92
H2RG175_0 [dBm]	-63.23	-61.27	-62.07	-62.07	-74.33
V2RG163_0 [dBm]	-63.48	-61.77	-62.63	-62.64	-75.16



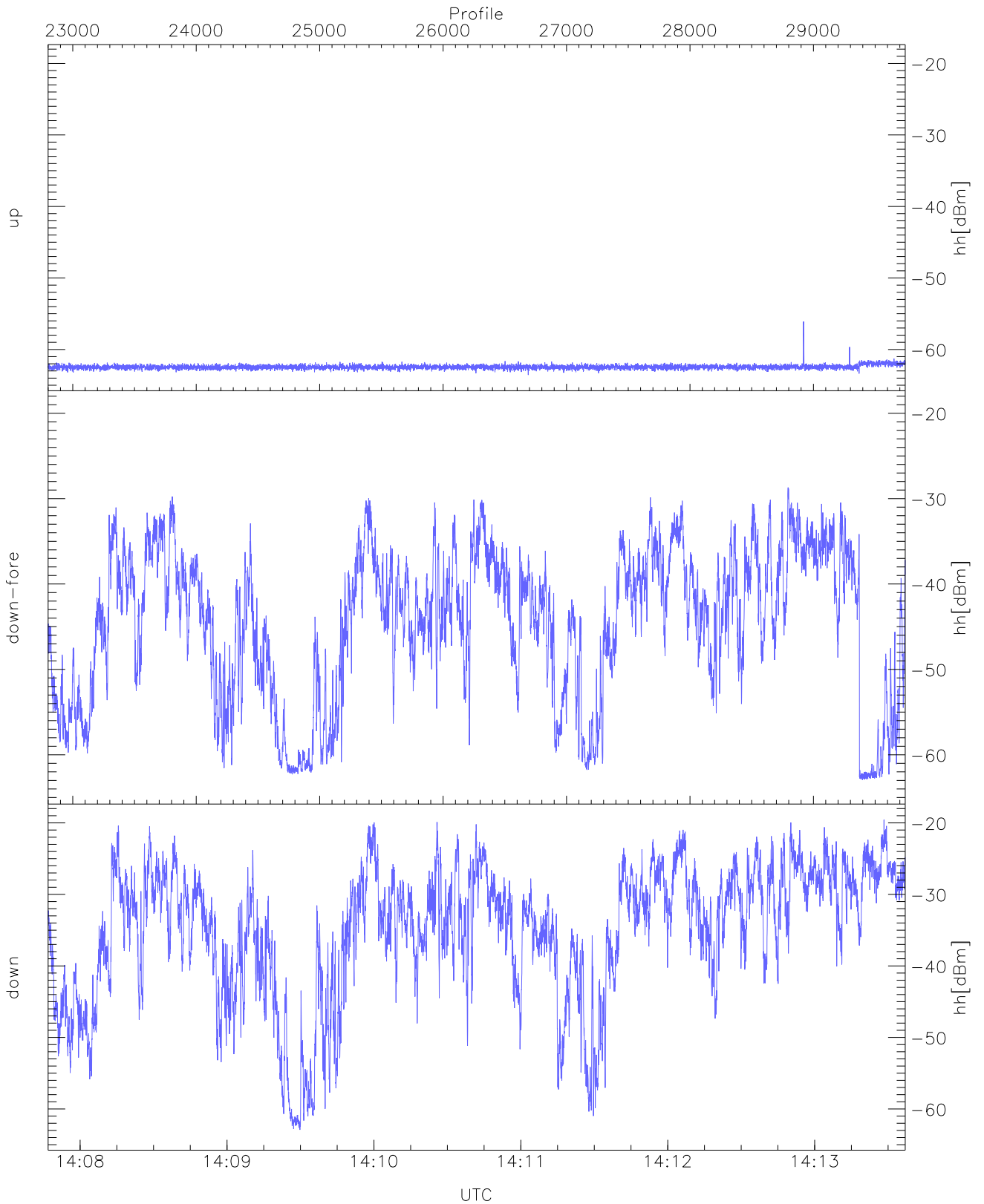
WCR2 CPP Averaged Received power for all recorded gates
blue: 140747-141042, 3473 profiles averaged
red: 141042-141337, 3473 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 140747-141042, 3473 profiles averaged
red: 141042-141337, 3473 profiles averaged

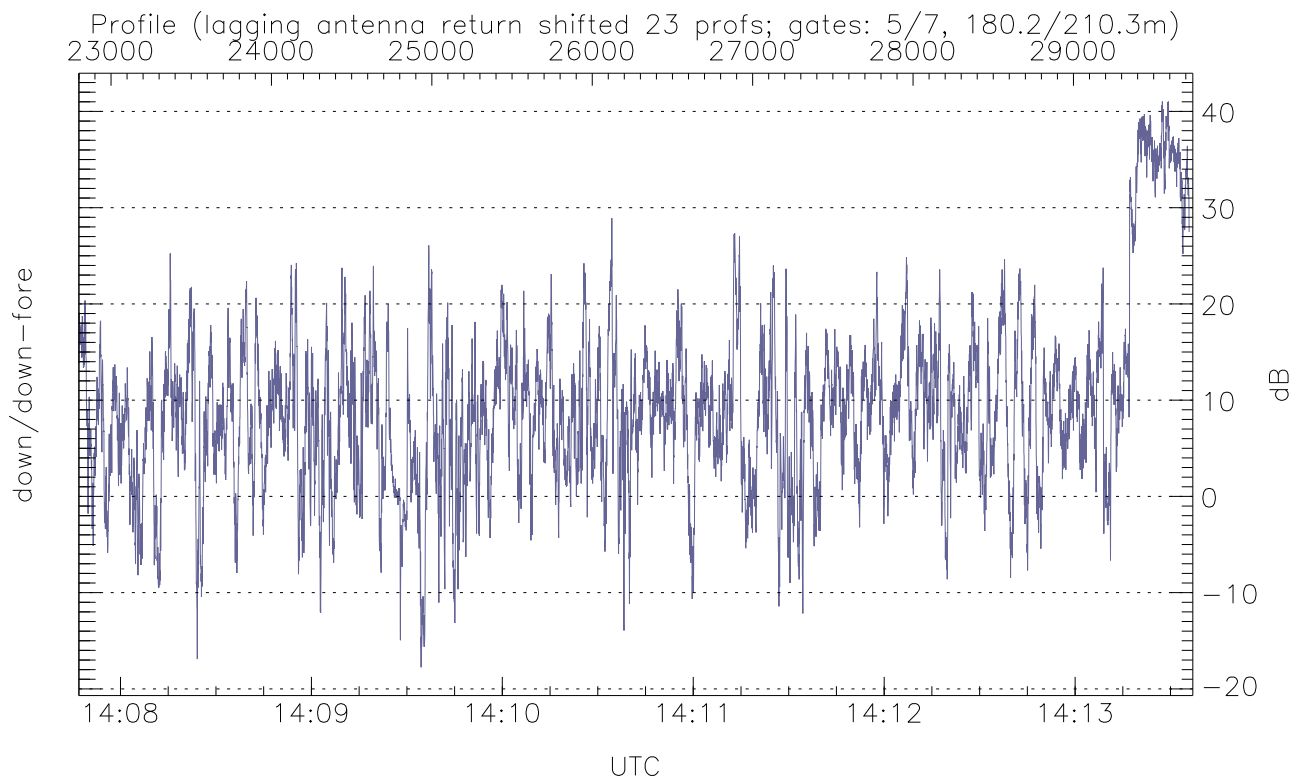
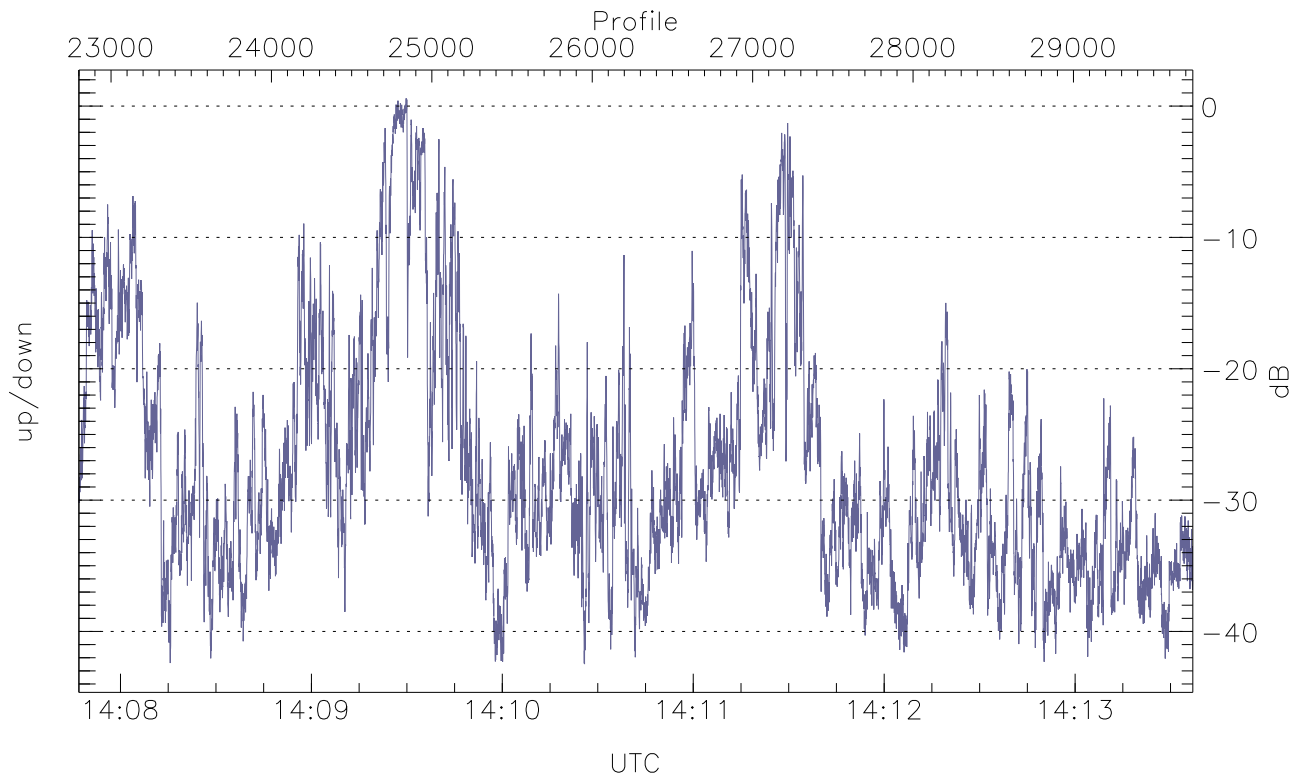


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



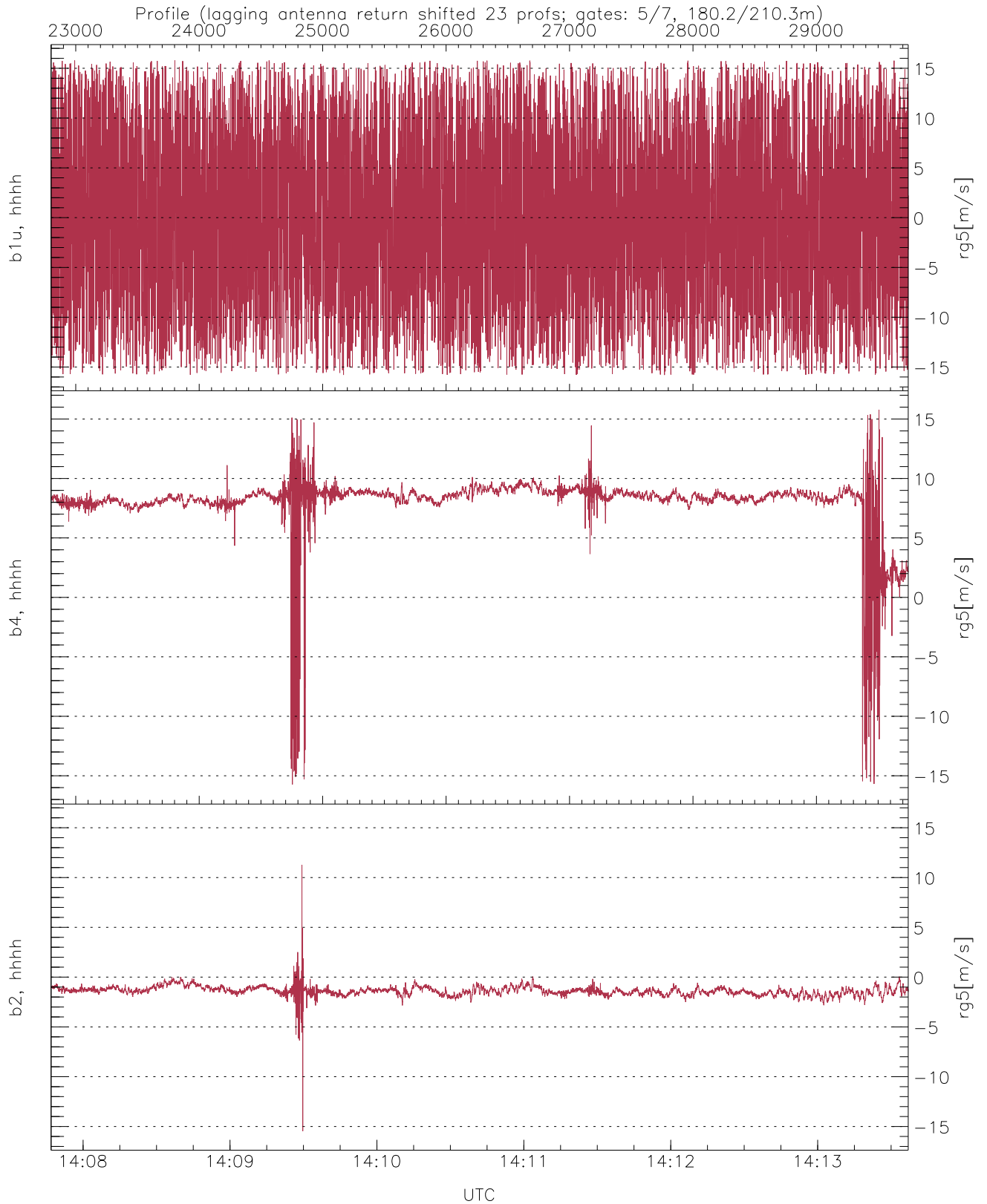
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.57	-56.09	-62.43
down-fore(hh[dBm])	-62.96	-28.70	-39.06
down(hh[dBm])	-62.92	-19.57	-29.67



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-42.48	0.59	-27.25
down/down-fore (dB)	-17.75	41.03	9.27



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.78	-0.10	8.81
b4, hhhh(rg5[m/s])	-15.74	15.79	8.04	2.42
b2, hhhh(rg5[m/s])	-15.47	11.25	-1.39	0.51