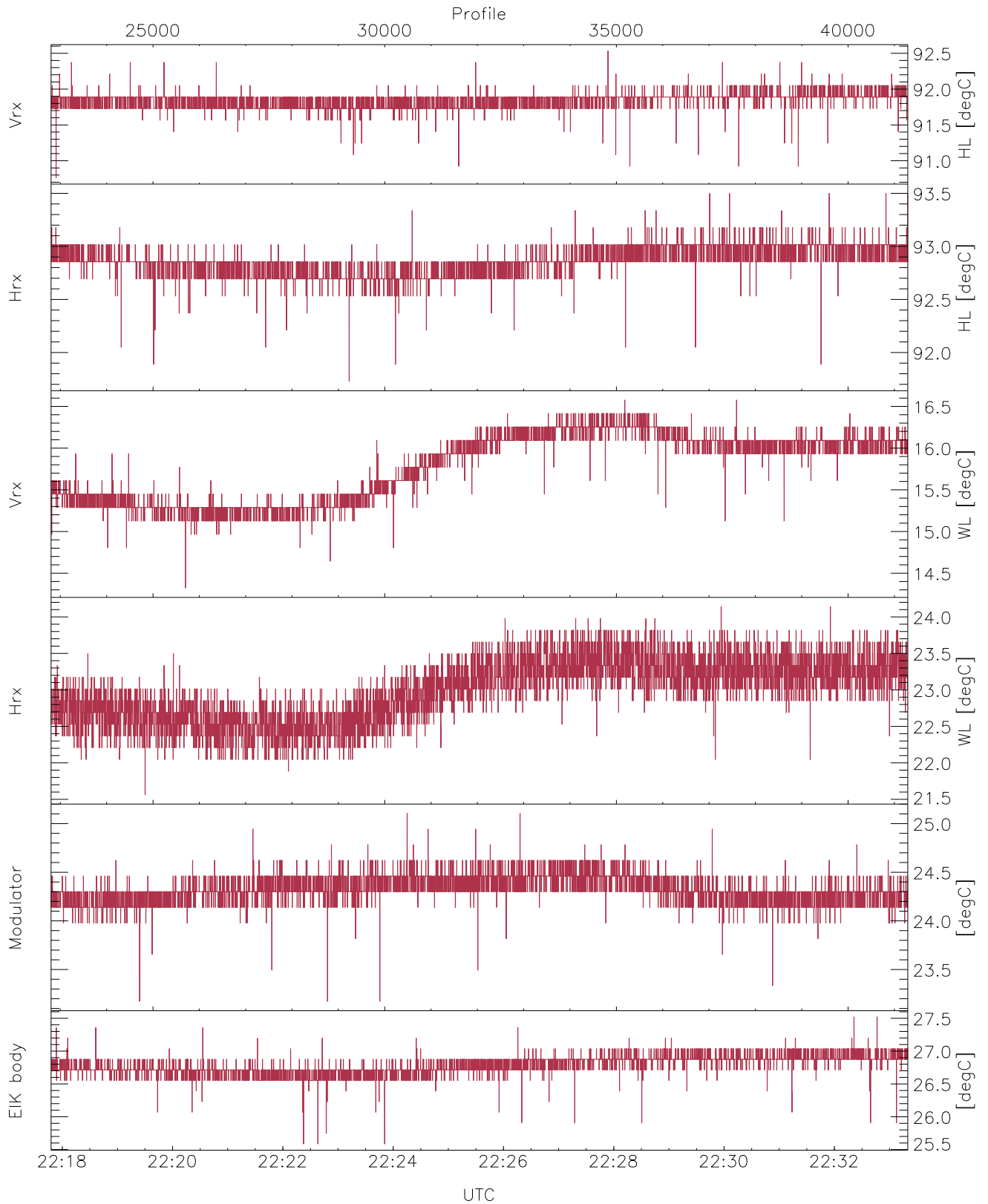


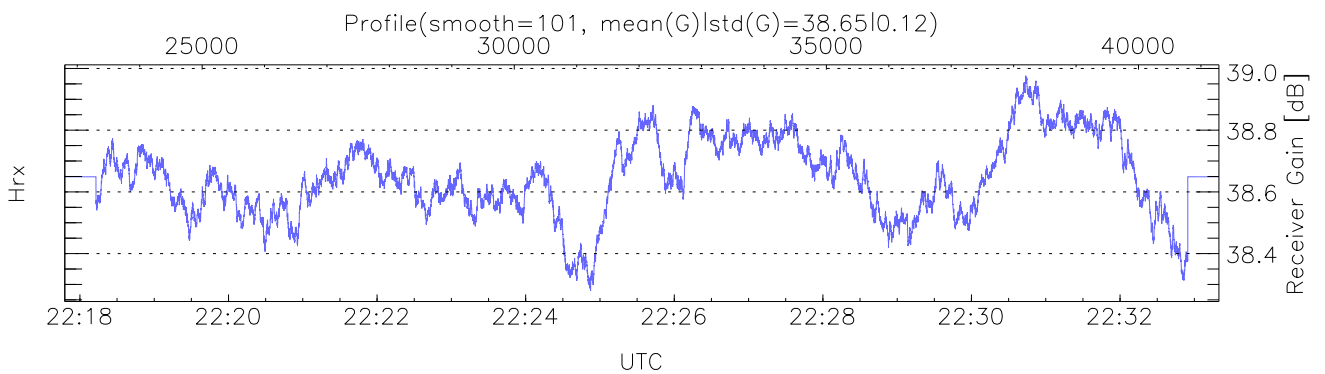
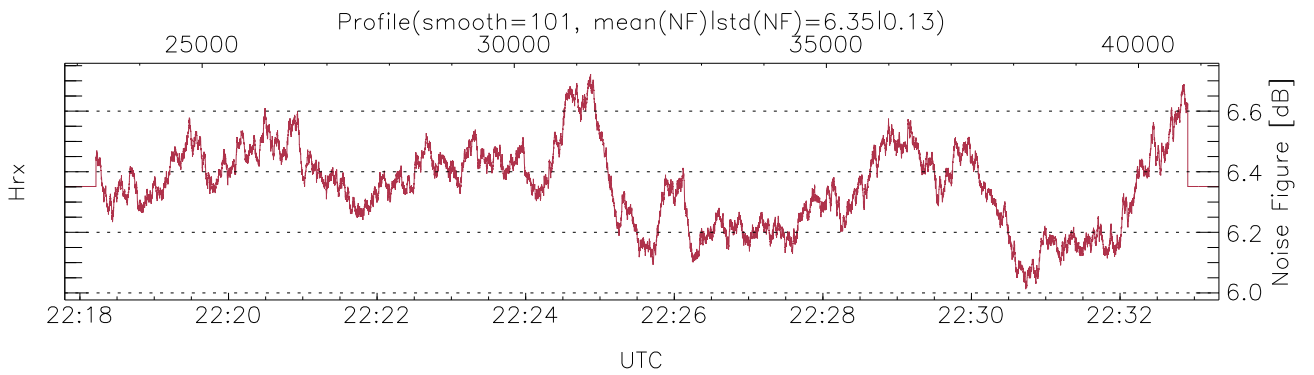
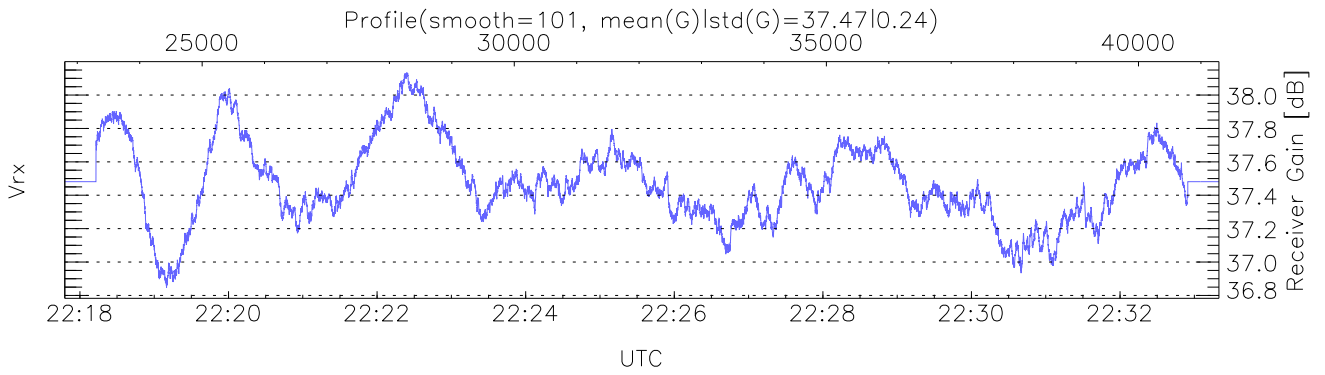
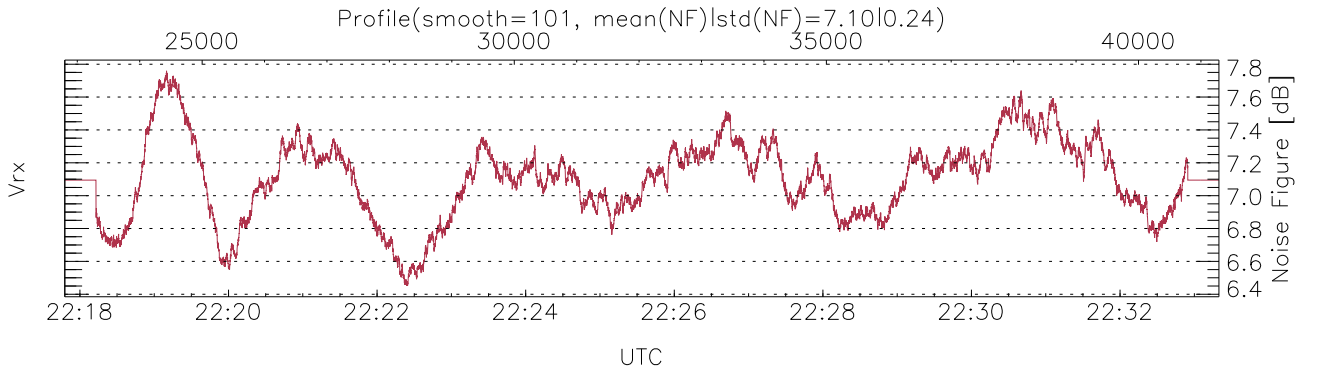
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:58:38-22:33:20, Dur: 2081.49s
 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): 18490/41290, 22800-41289/22:17:48-22:33:20
 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



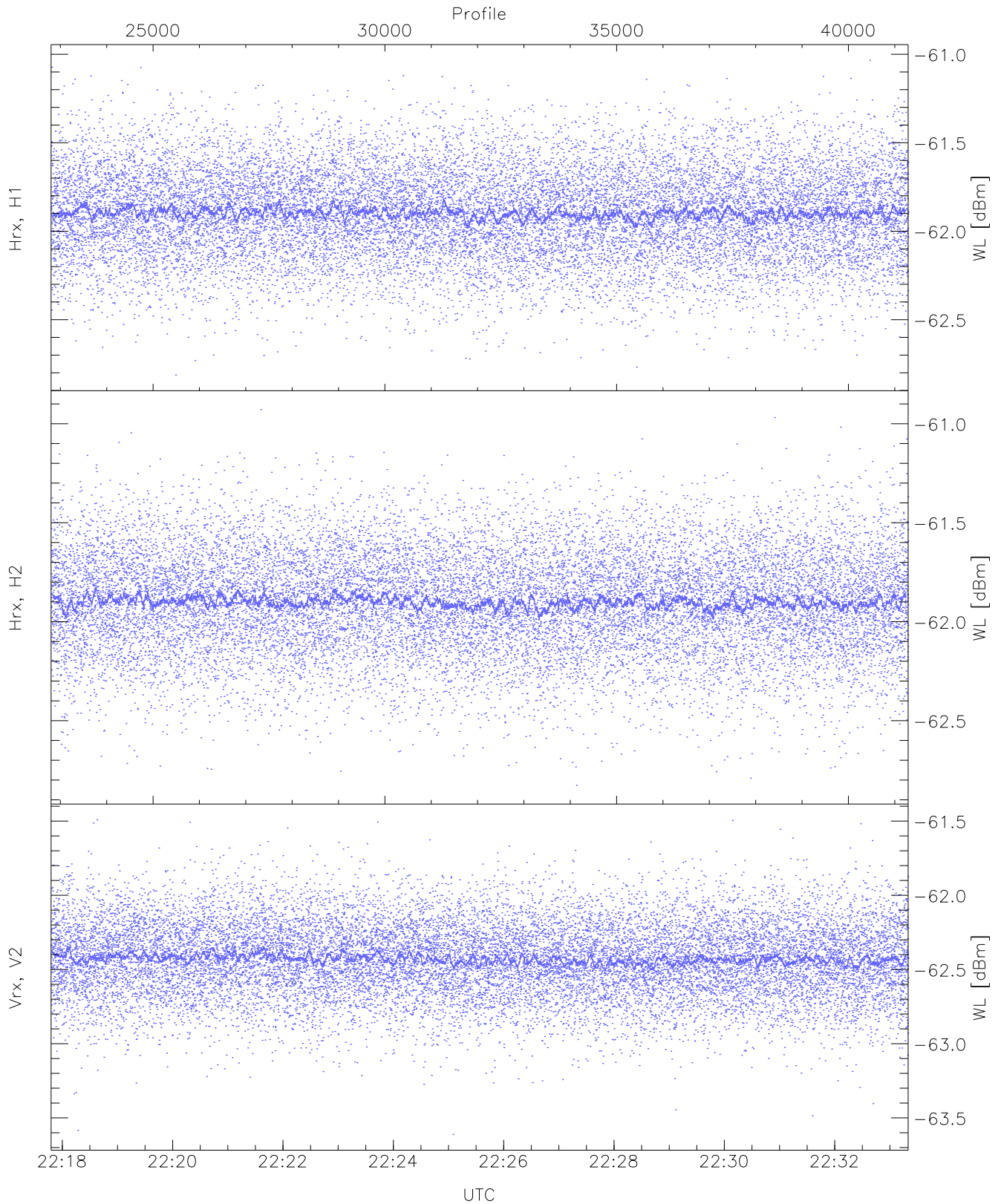
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,23,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,25,27
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,15,15,15,16)



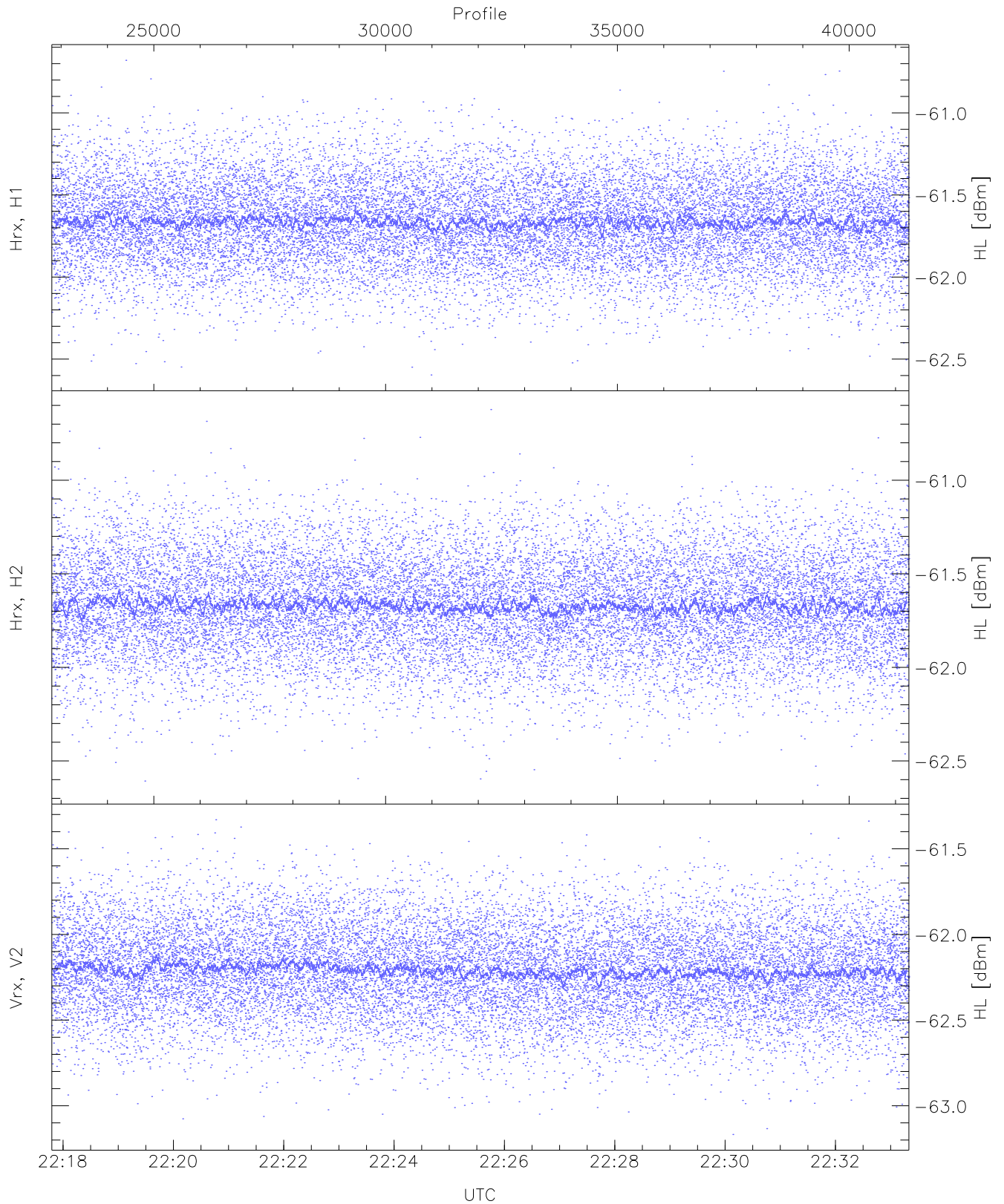
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5189 pixs, 85 gates, 5182 profs, 1 prods



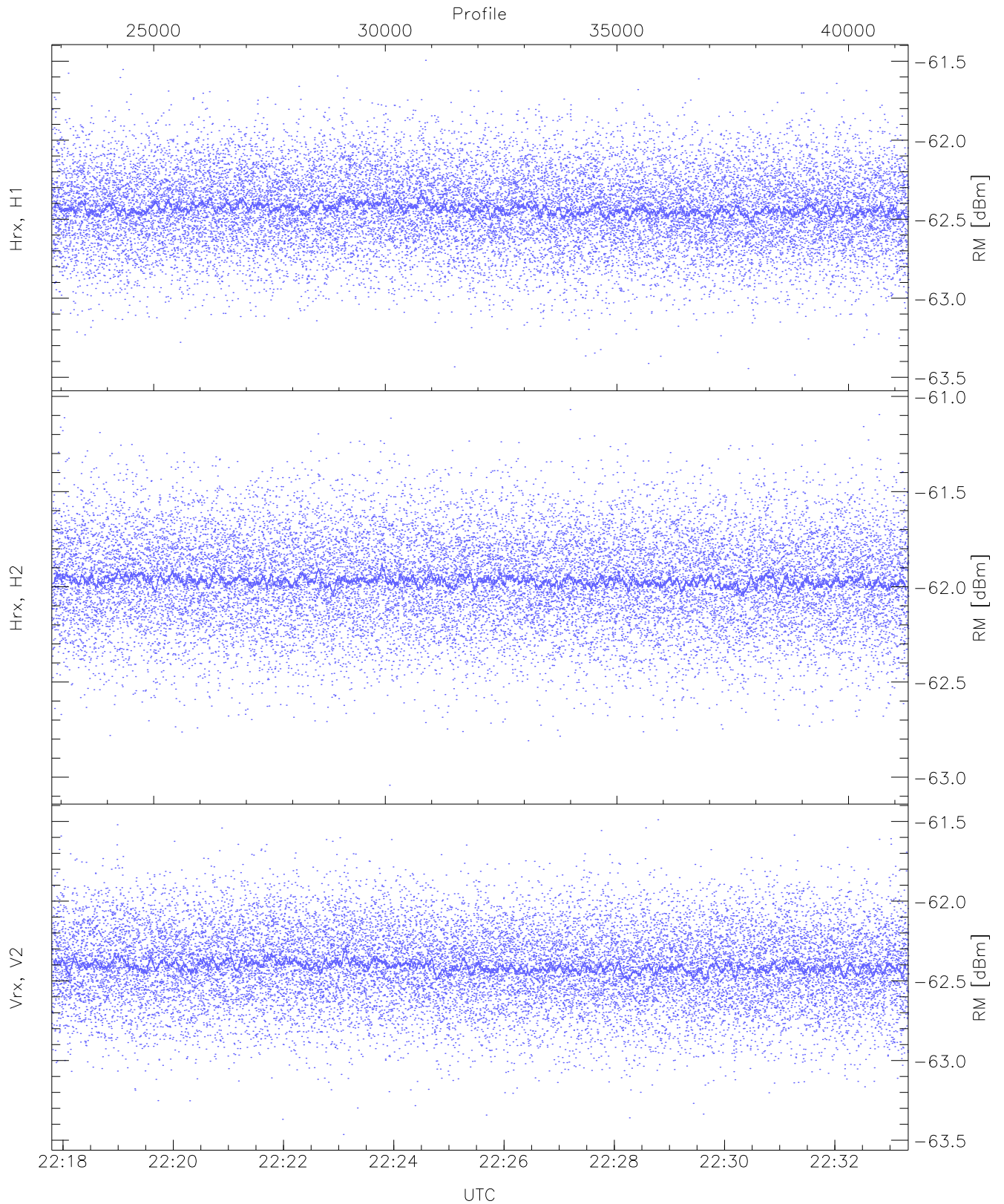
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.81	-61.03	-61.89	-61.90	-74.45
Hrx, H2 (WL [dBm])	-62.83	-60.93	-61.90	-61.90	-74.43
Vrx, V2 (WL [dBm])	-63.61	-61.49	-62.43	-62.43	-75.00



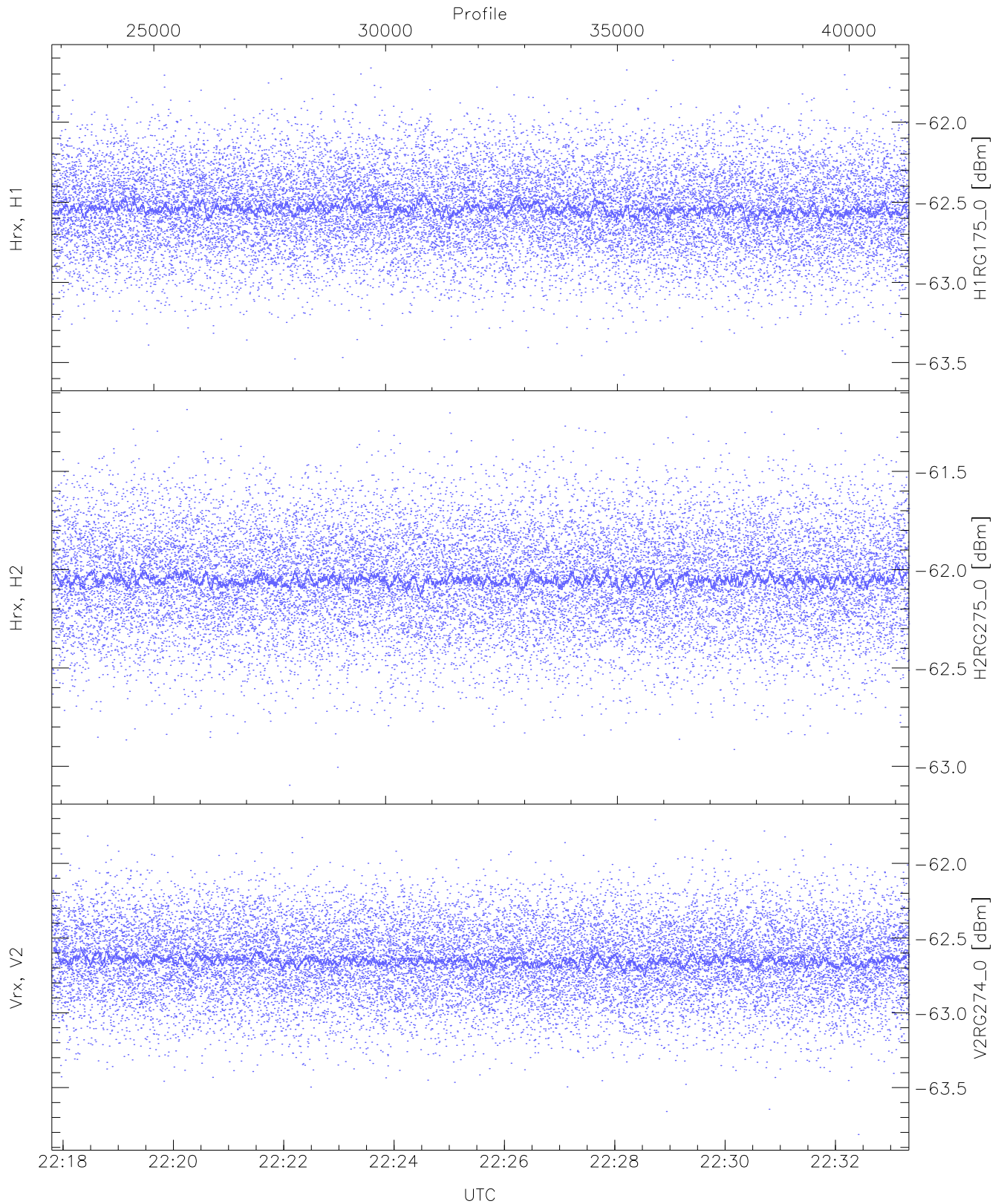
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.60	-60.68	-61.66	-61.67	-74.22
Hrx, H2 (HL [dBm])	-62.63	-60.62	-61.67	-61.67	-74.21
Vrx, V2 (HL [dBm])	-63.17	-61.33	-62.21	-62.21	-74.77



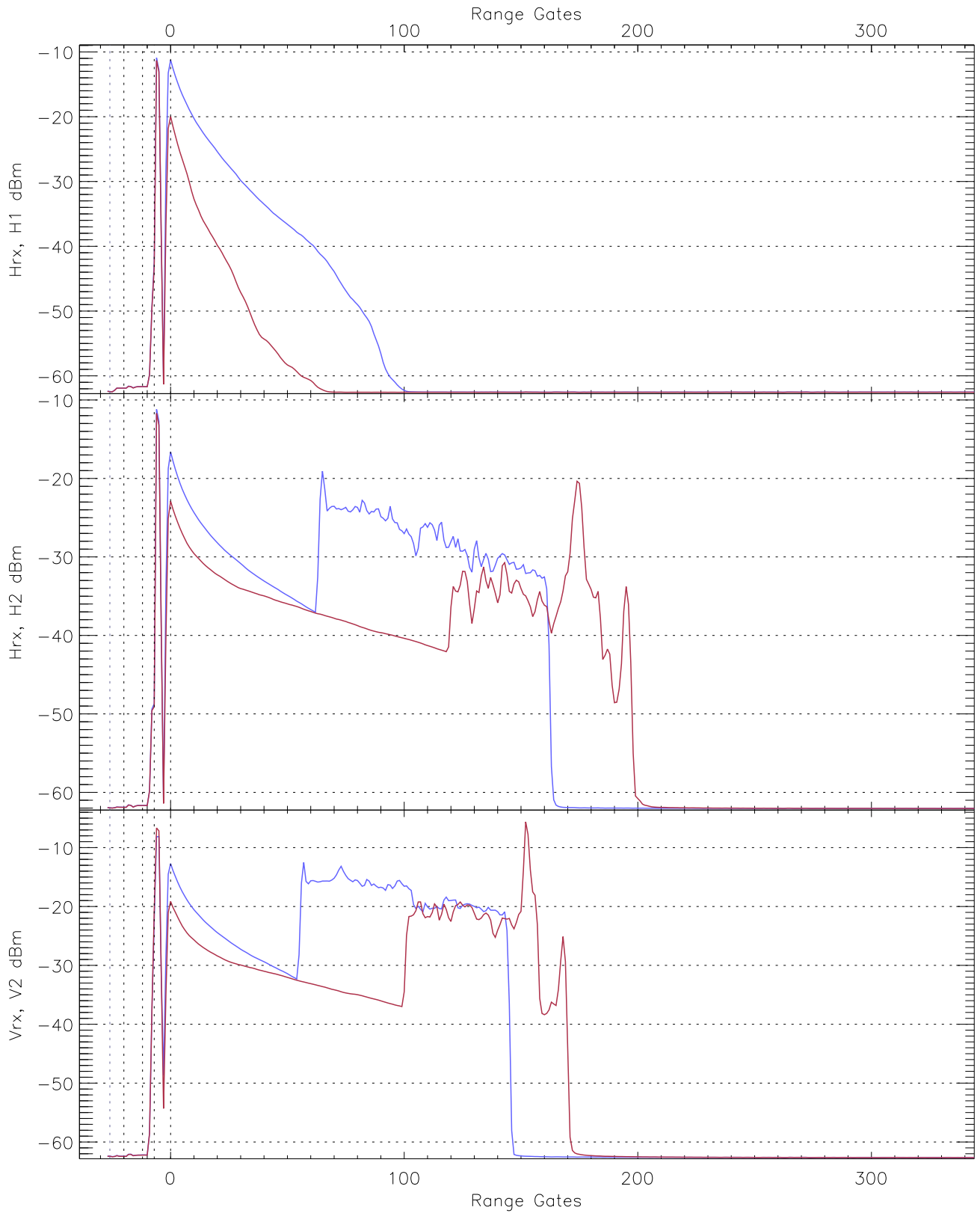
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.49	-61.49	-62.43	-62.43	-74.97
Hrx, H2 (RM [dBm])	-63.04	-61.07	-61.97	-61.97	-74.58
Vrx, V2 (RM [dBm])	-63.46	-61.49	-62.41	-62.41	-74.94

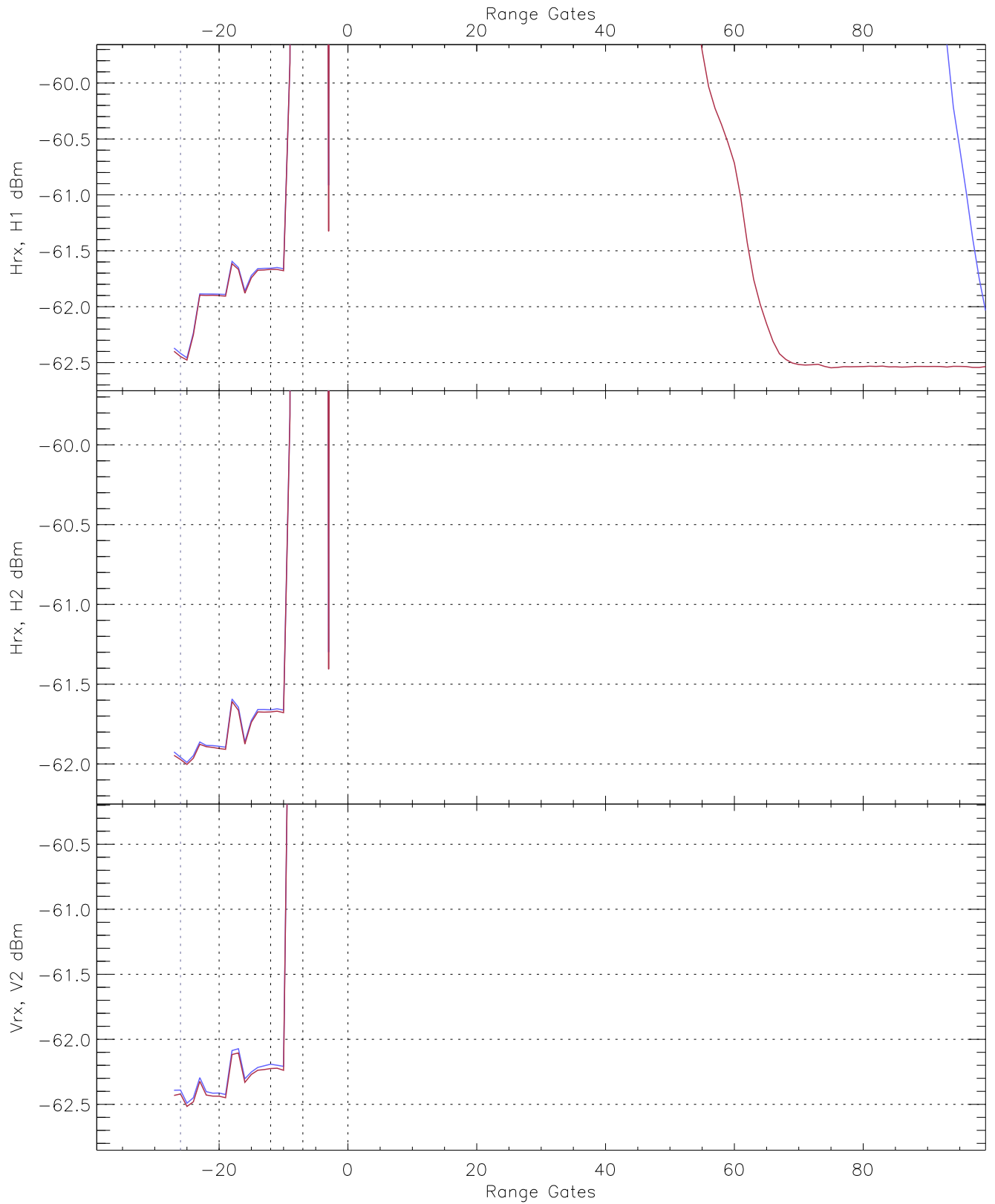


WCR2 CPP "Best" estimate Receivers Noise Power

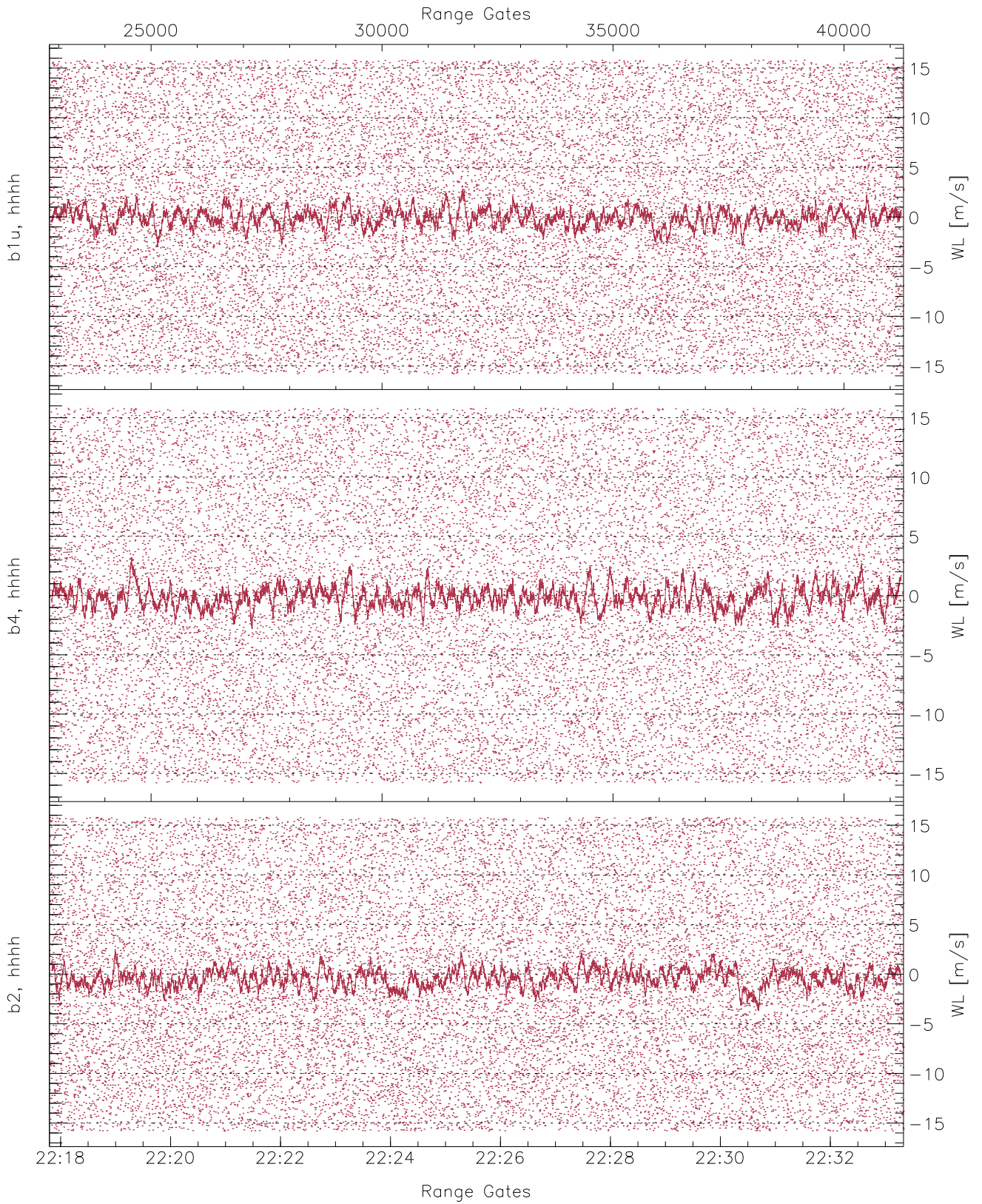
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.58	-61.61	-62.54	-62.54	-75.07
H2RG275_0 [dBm]	-63.10	-61.19	-62.05	-62.05	-74.64
V2RG274_0 [dBm]	-63.81	-61.71	-62.65	-62.65	-75.19



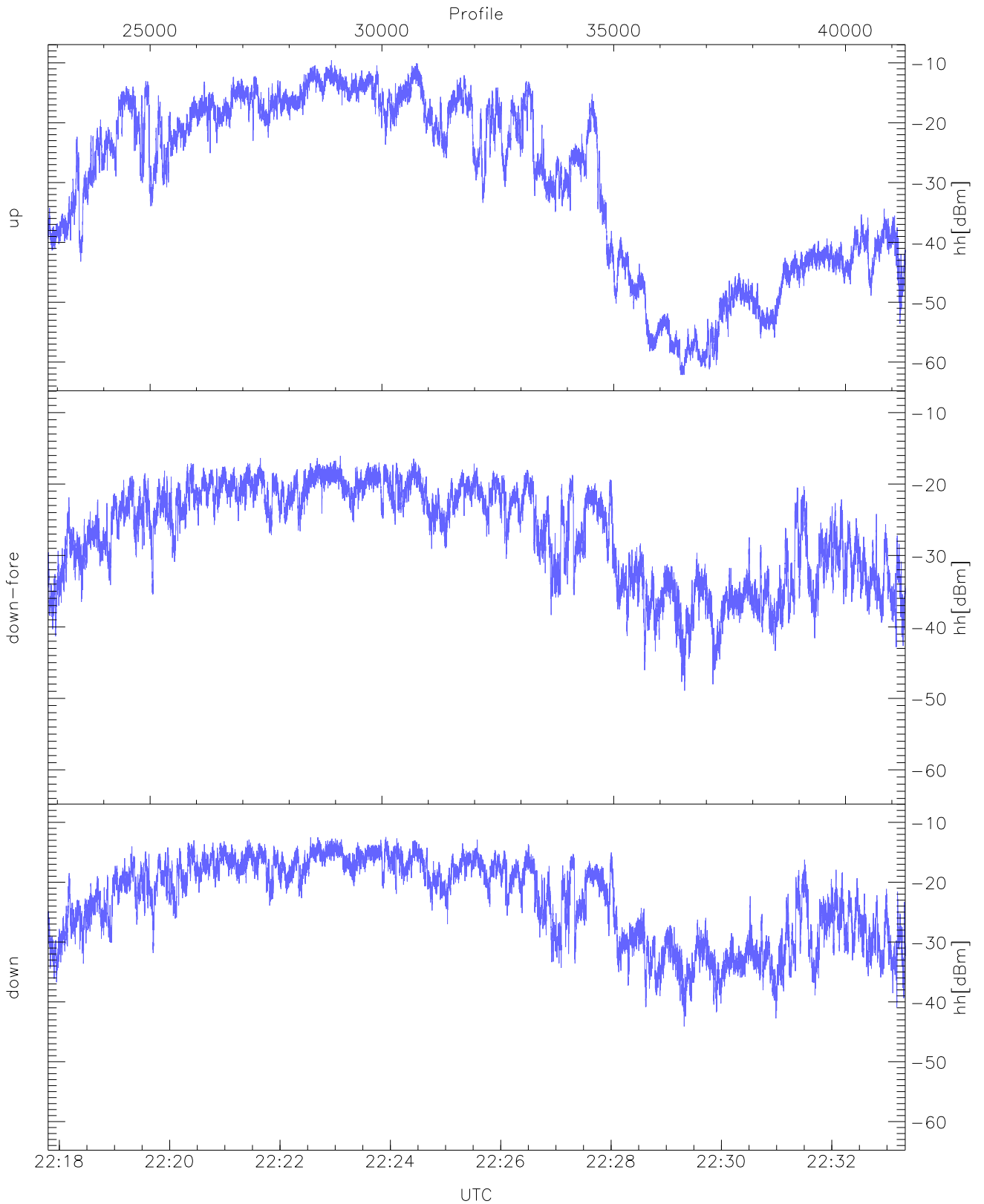
WCR2 CPP Averaged Received power for all recorded gates
blue: 221748-222534, 9246 profiles averaged
red: 222534-223320, 9245 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 221748-222534, 9246 profiles averaged
red: 222534-223320, 9245 profiles averaged

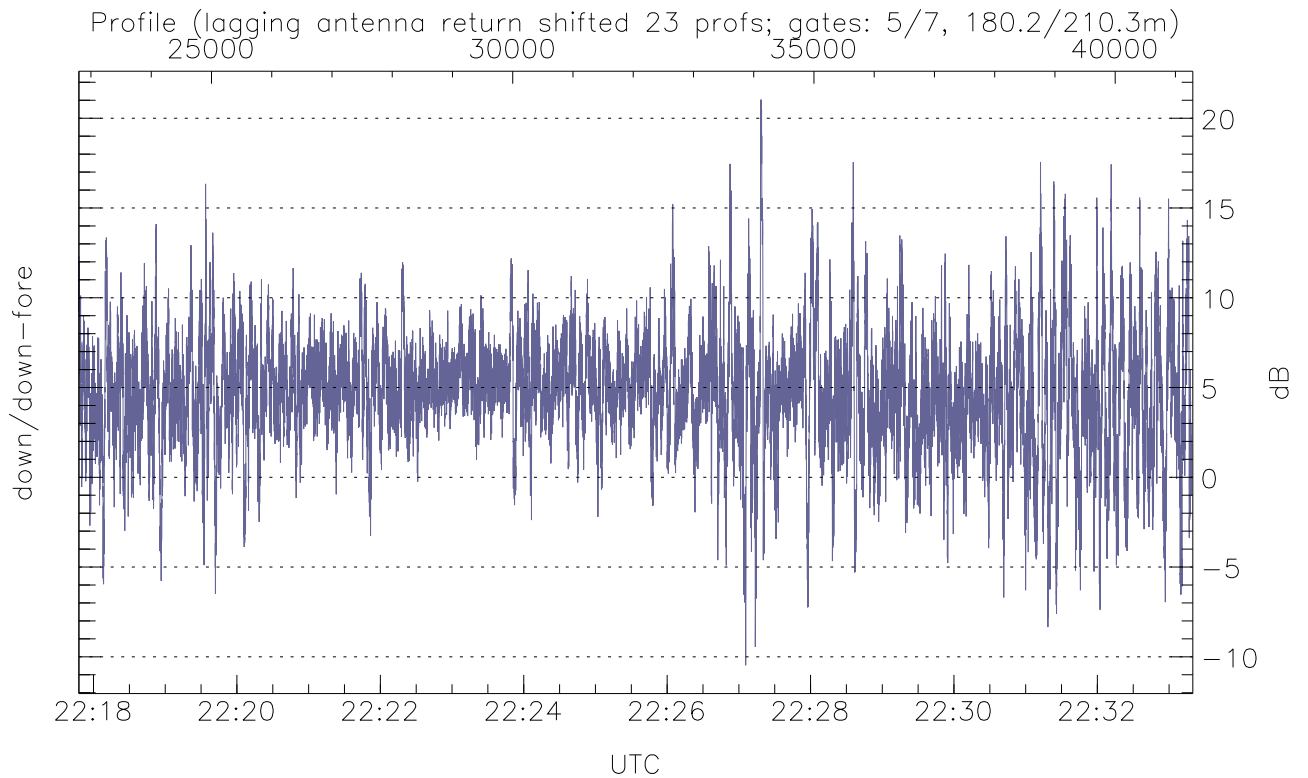
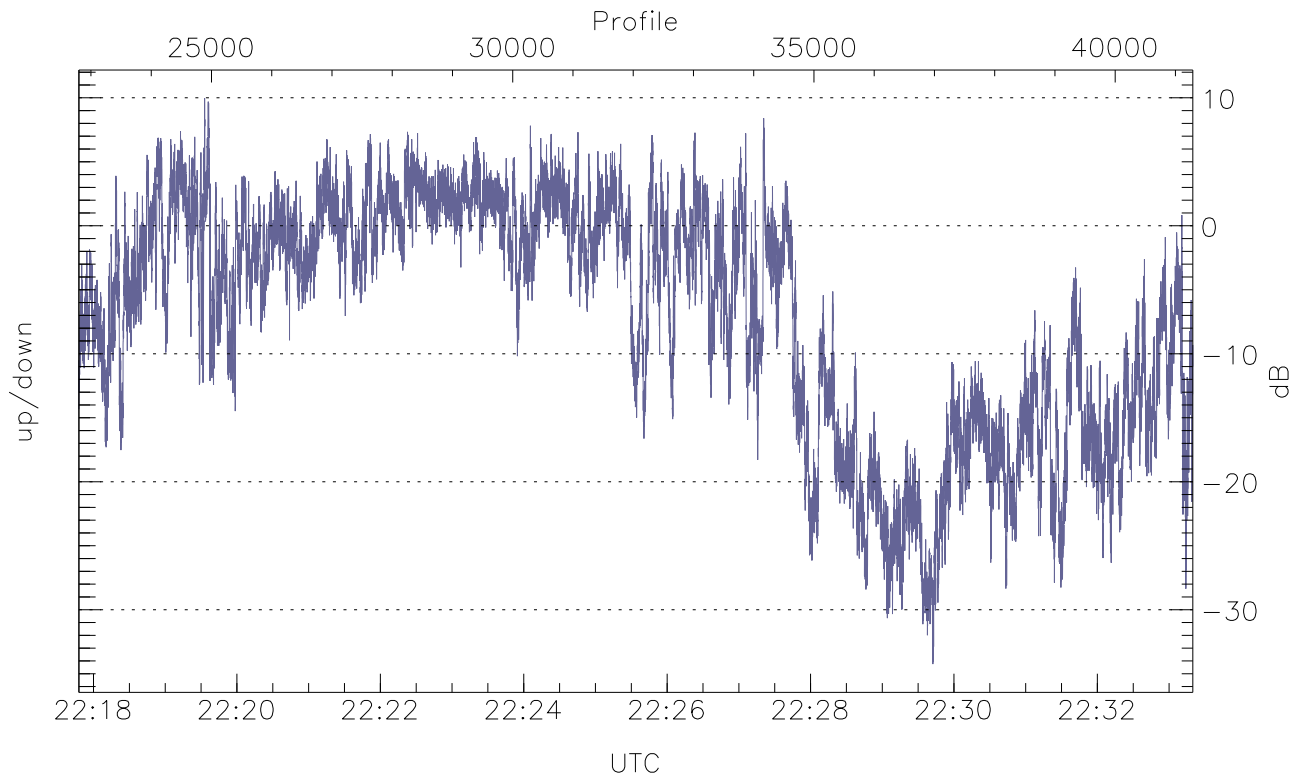


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



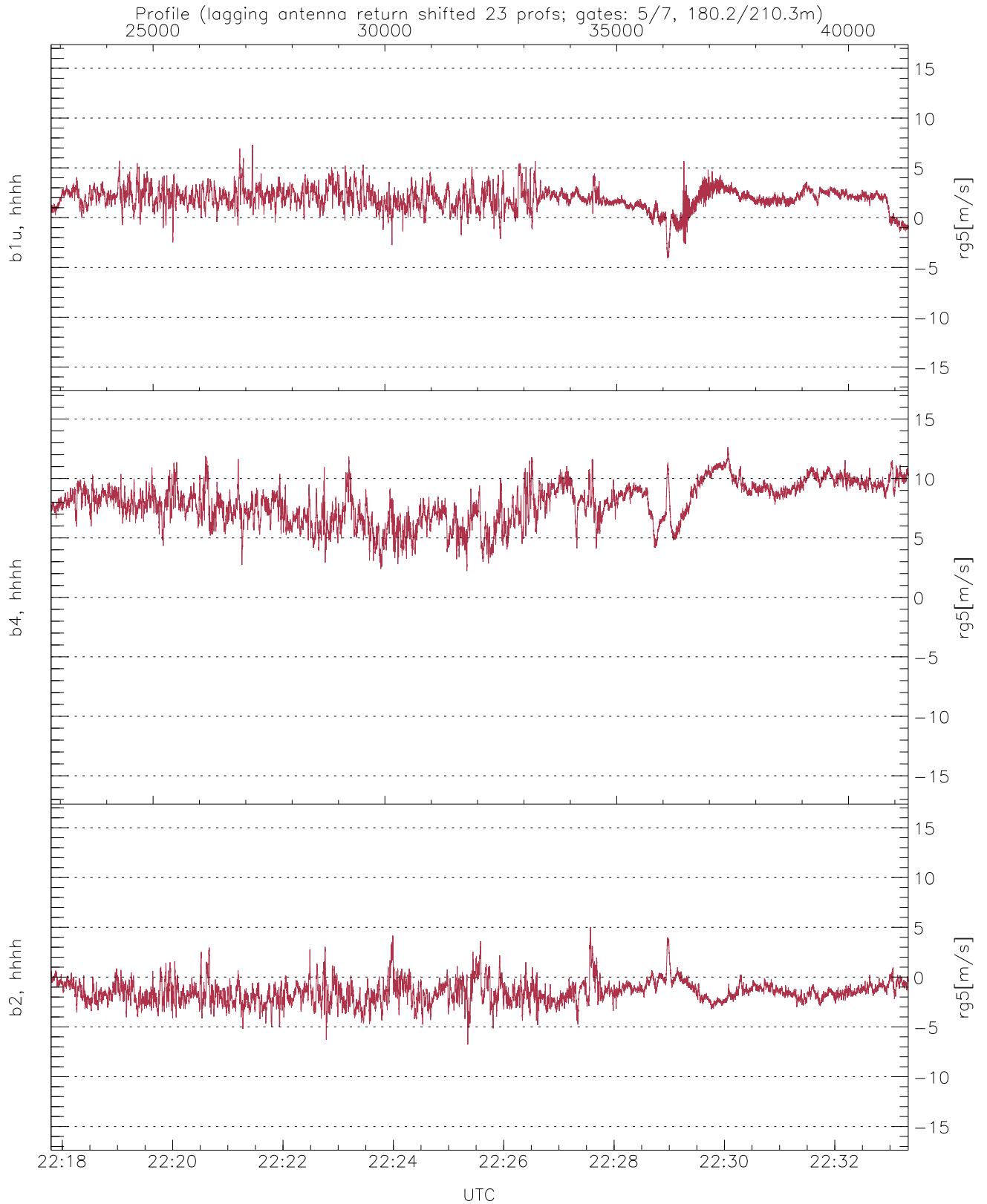
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.16	-9.57	-19.19
down-fore(hh[dBm])	-48.92	-16.07	-23.33
down(hh[dBm])	-44.12	-12.47	-19.49



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

	Min	Max	Mean
up/down (dB)	-34.24	9.96	-7.00
down/down-fore (dB)	-10.47	21.04	4.76



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-4.06	7.32	1.91	1.13
b4, hhhh(rg5[m/s])	2.21	12.64	7.94	1.75
b2, hhhh(rg5[m/s])	-6.77	5.02	-1.47	1.16