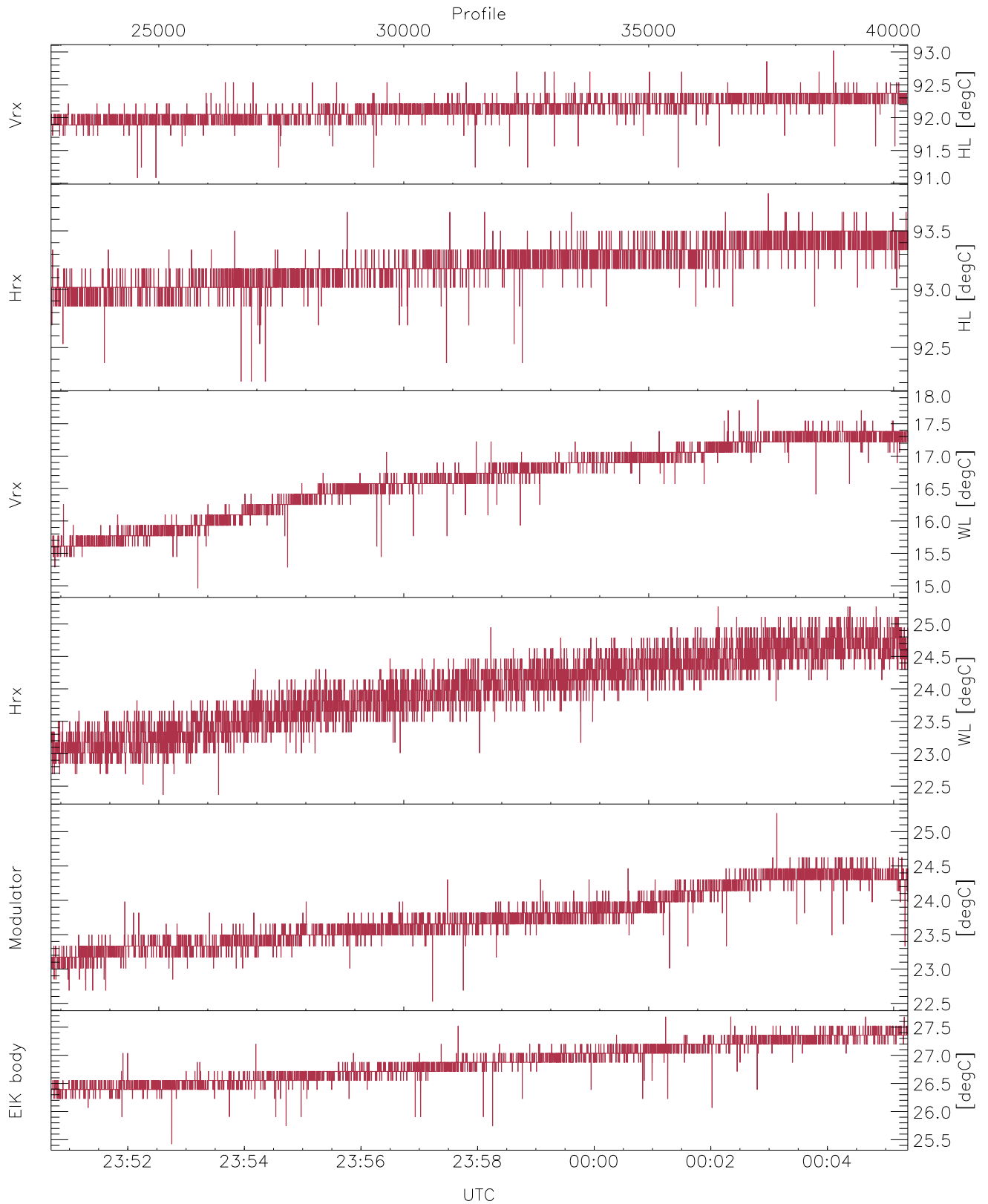


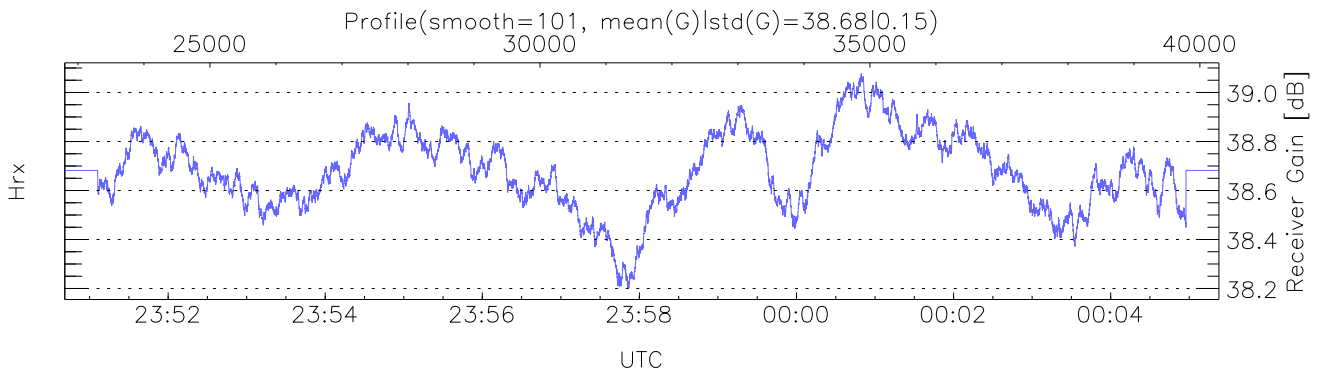
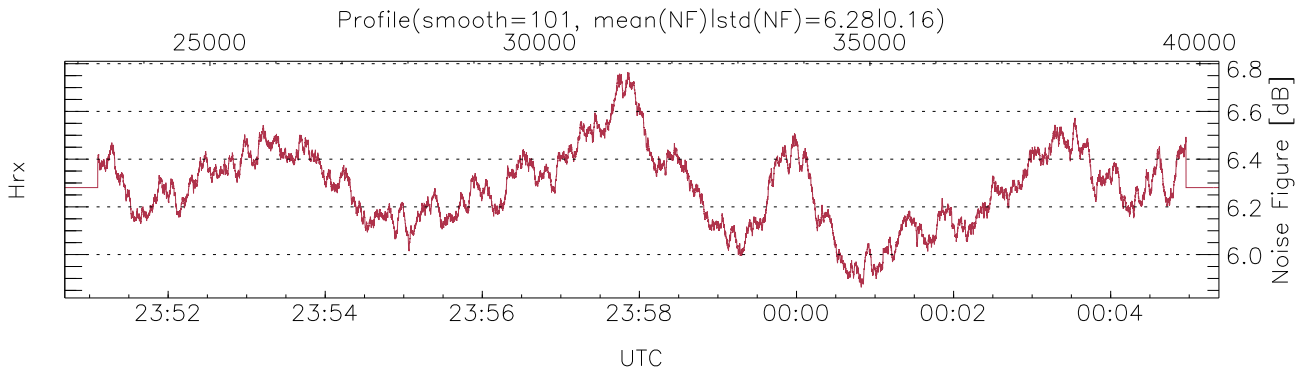
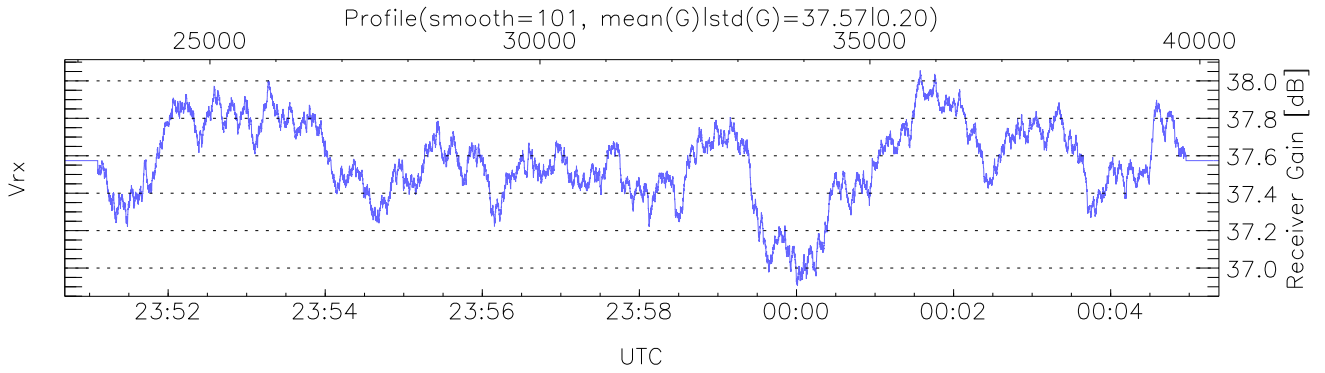
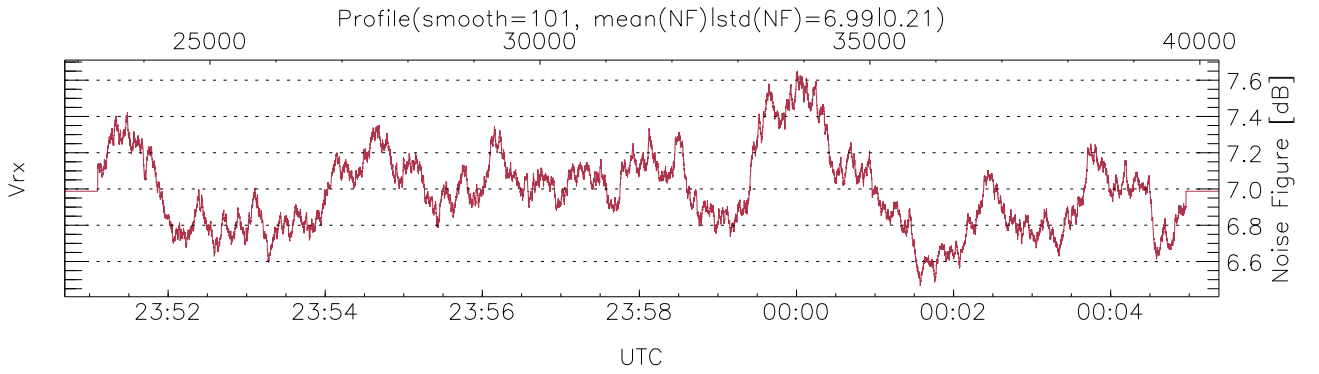
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:31:32-00:05:23, Dur: 2031.07s  
 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): 17490/40290, 22800-40289/23:50:41-00:05:23  
 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,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



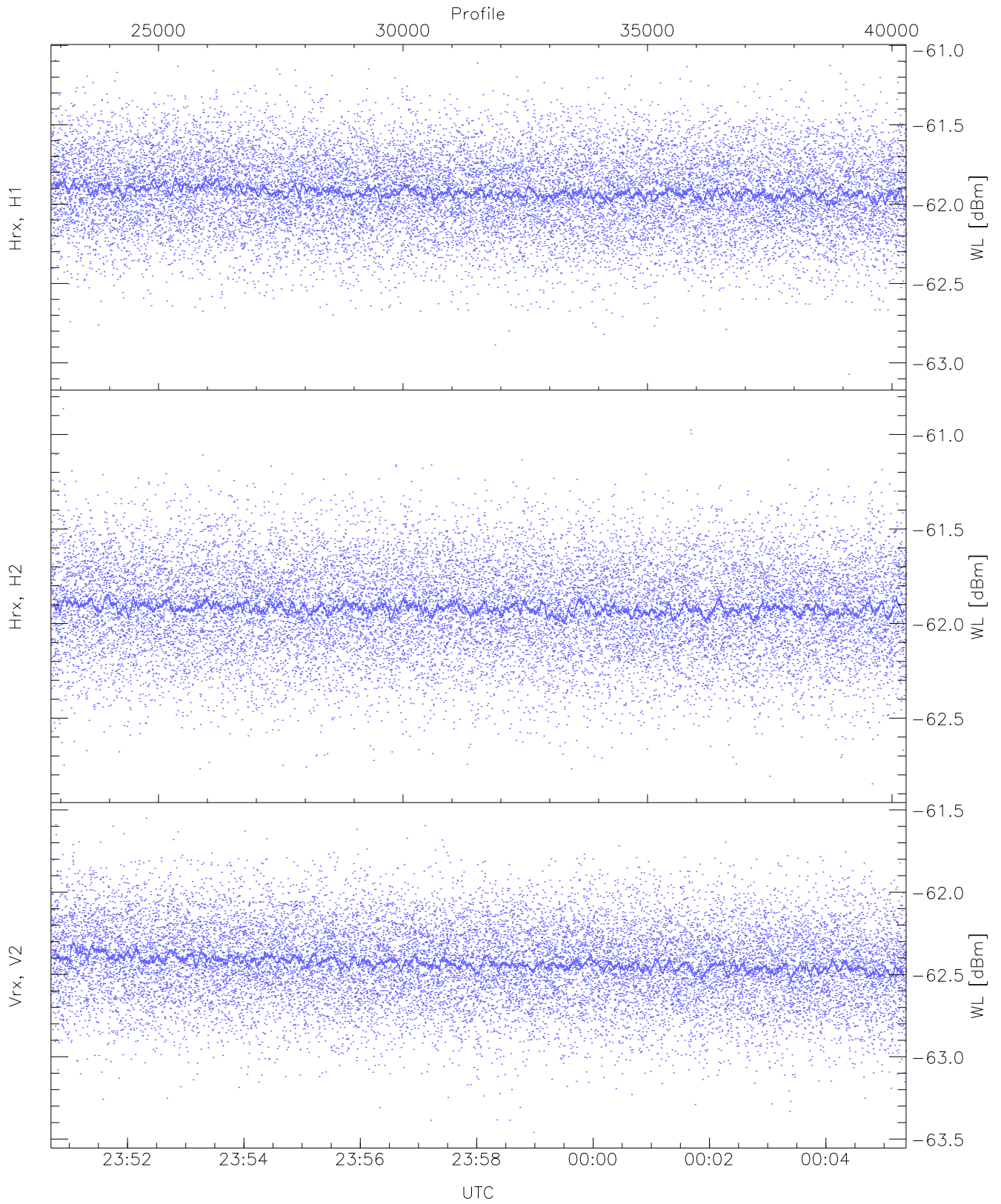
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,14,22,22,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,93,17,25,25,27`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,10)`



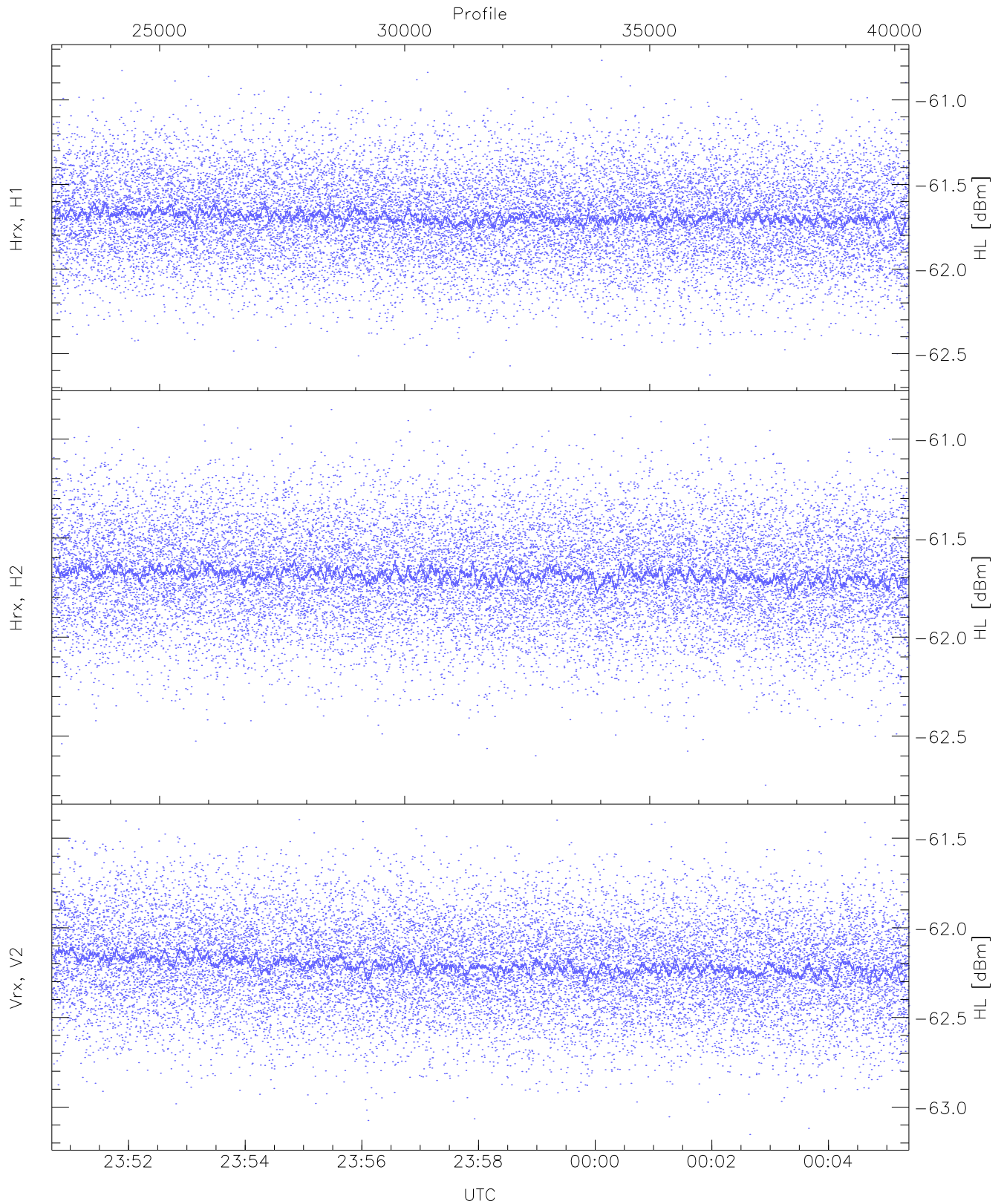
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 63 pixs, 7 gates, 63 profs, 1 prods



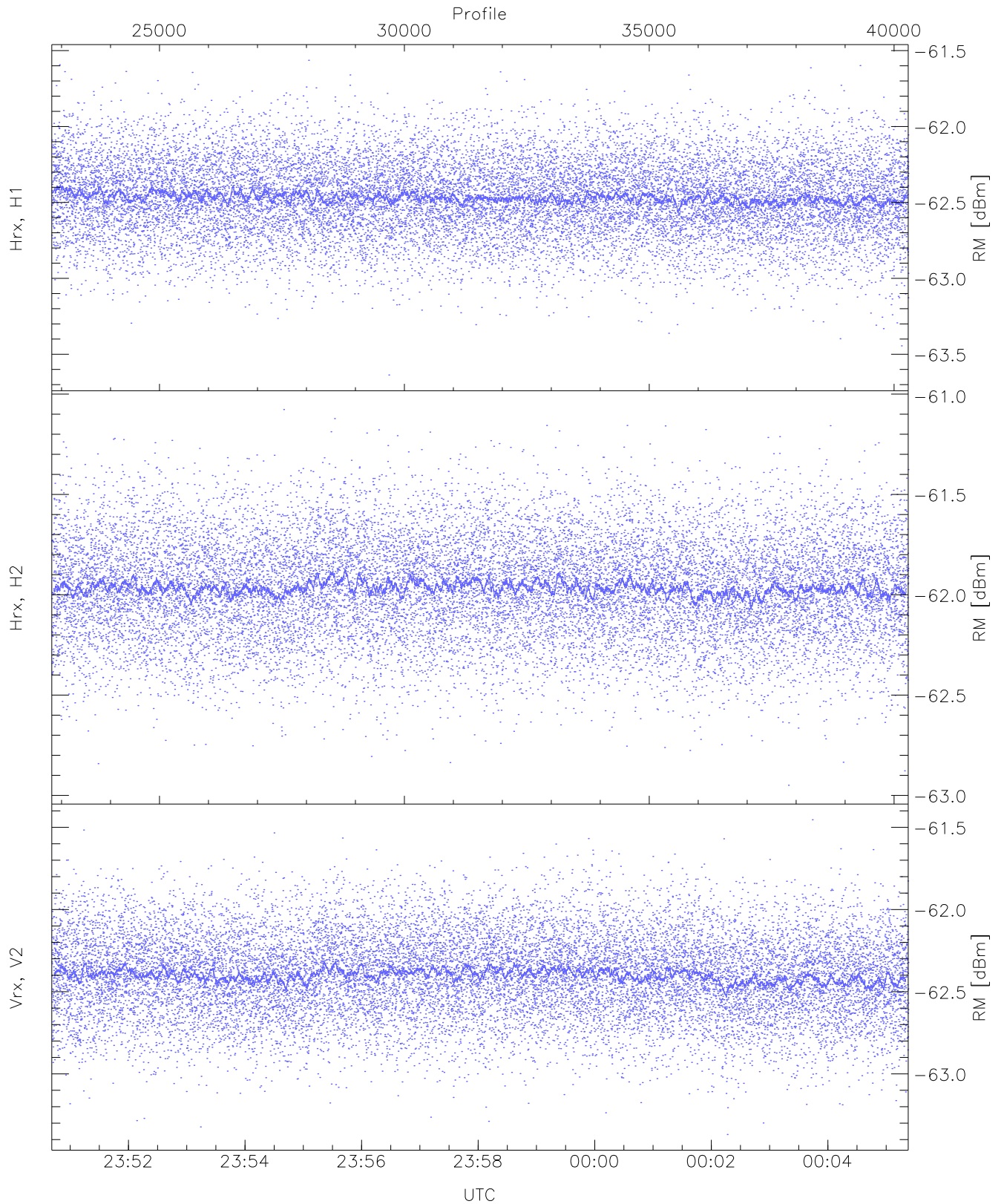
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.07	-61.09	-61.92	-61.92	-74.46
Hrx, H2(WL [dBm])	-62.85	-60.86	-61.91	-61.92	-74.51
Vrx, V2(WL [dBm])	-63.46	-61.55	-62.43	-62.43	-75.02



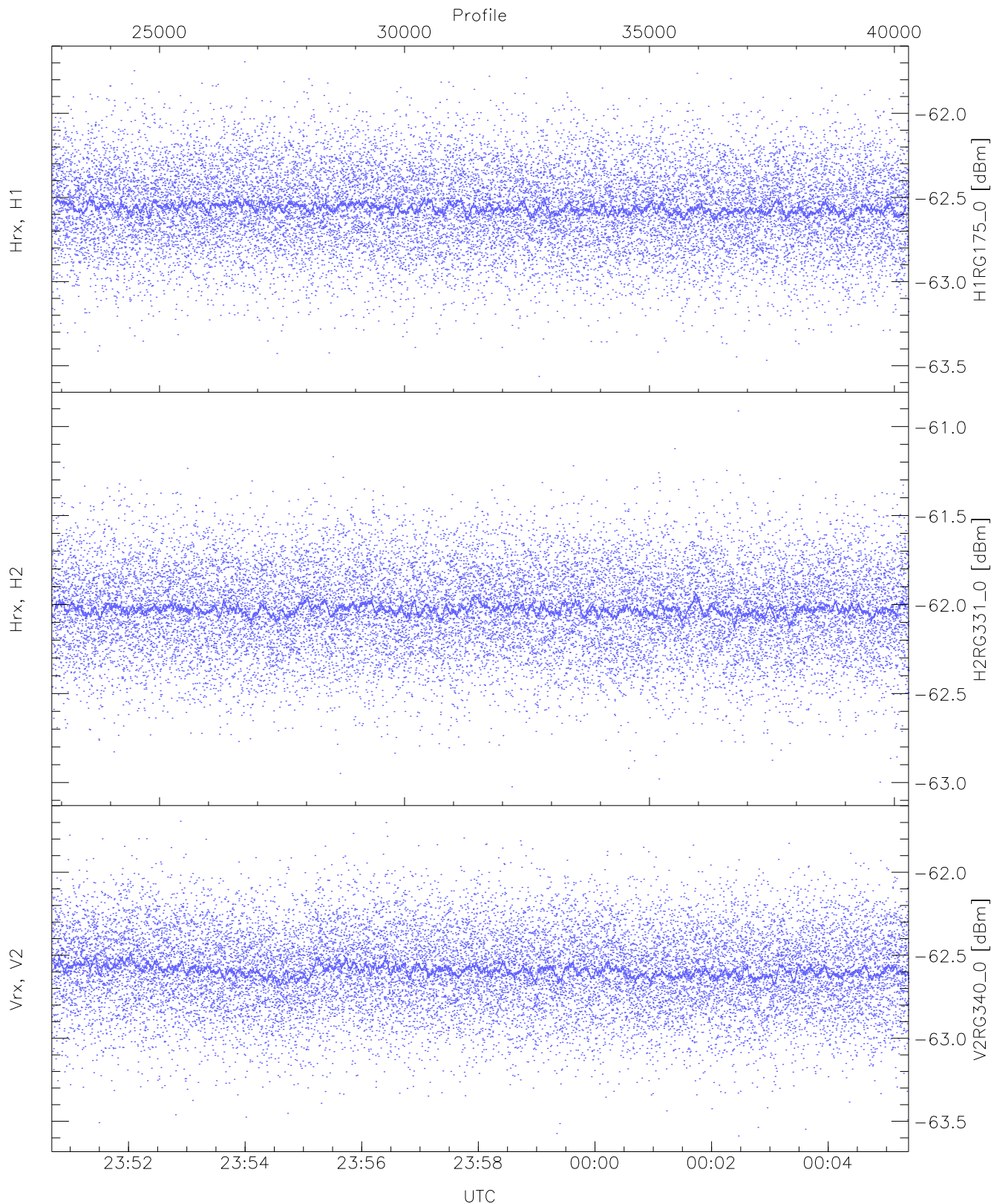
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.63	-60.77	-61.69	-61.69	-74.24
Hrx, H2 (HL [dBm])	-62.75	-60.85	-61.68	-61.69	-74.29
Vrx, V2 (HL [dBm])	-63.15	-61.40	-62.21	-62.21	-74.76



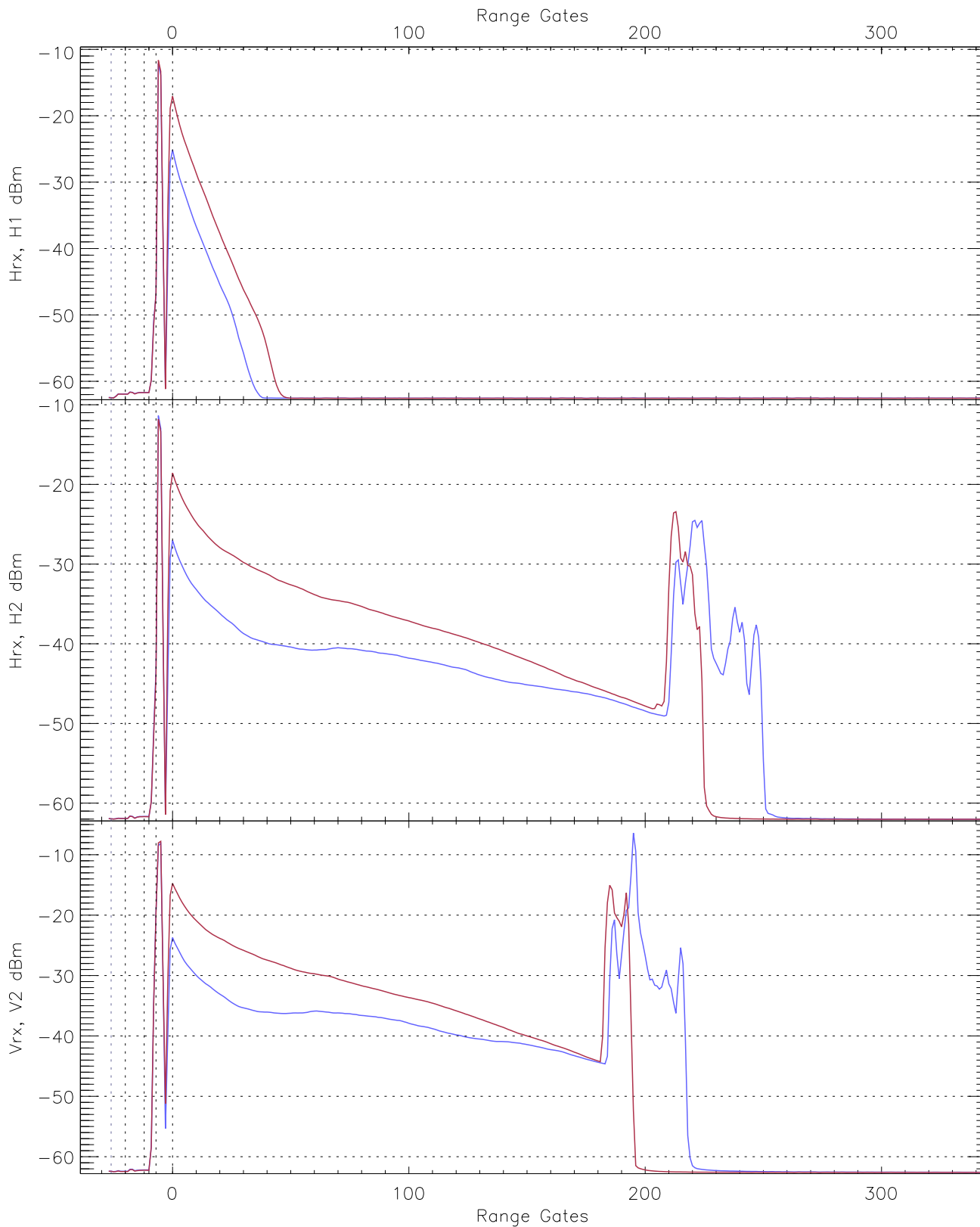
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.64	-61.56	-62.46	-62.47	-75.01
Hrx, H2 (RM [dBm])	-62.95	-61.08	-61.96	-61.97	-74.54
Vrx, V2 (RM [dBm])	-63.37	-61.45	-62.40	-62.40	-74.92



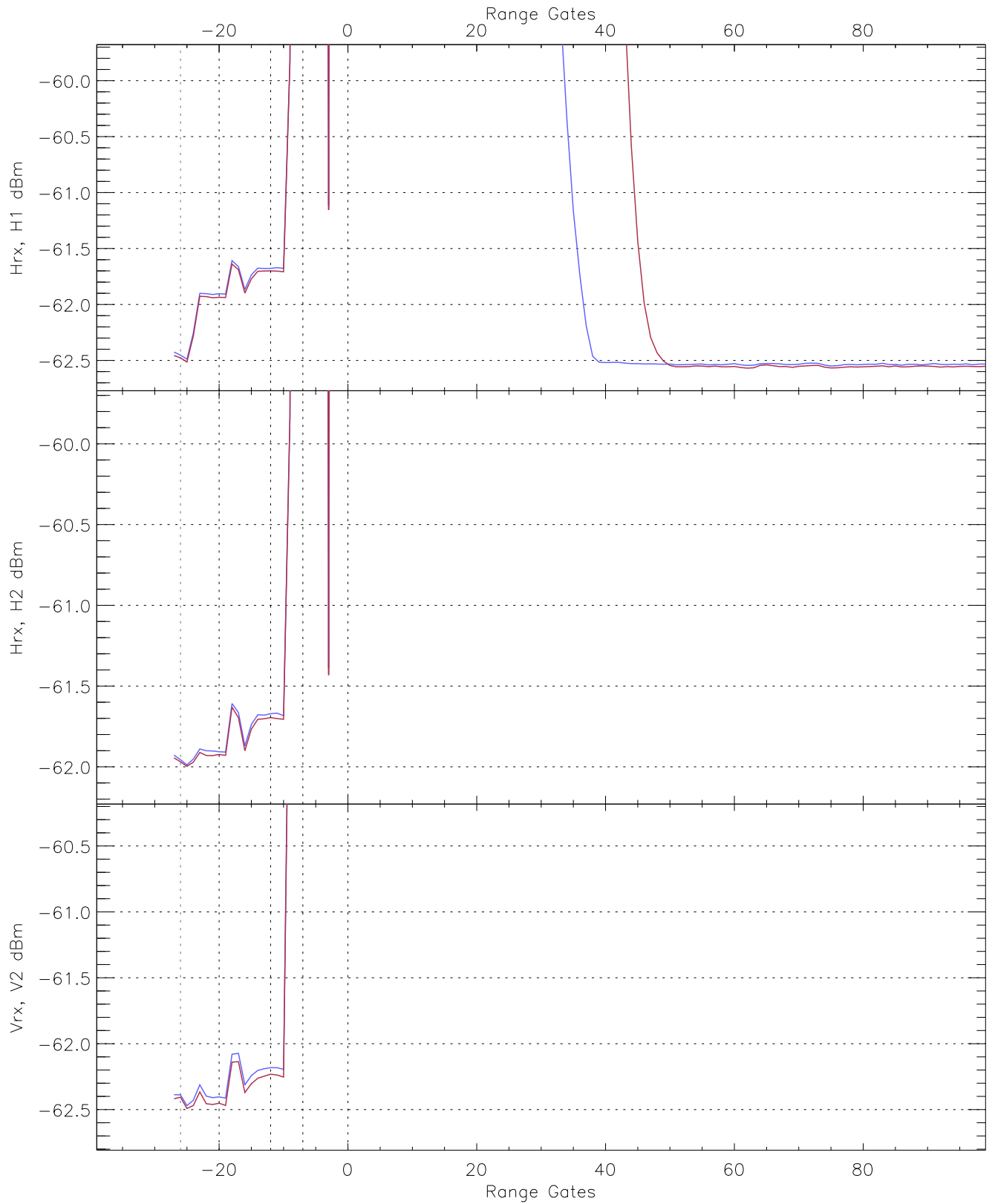
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.56	-61.69	-62.56	-62.56	-75.10
H2RG331_0 [dBm]	-63.02	-60.91	-62.02	-62.03	-74.55
V2RG340_0 [dBm]	-63.59	-61.69	-62.59	-62.59	-75.10

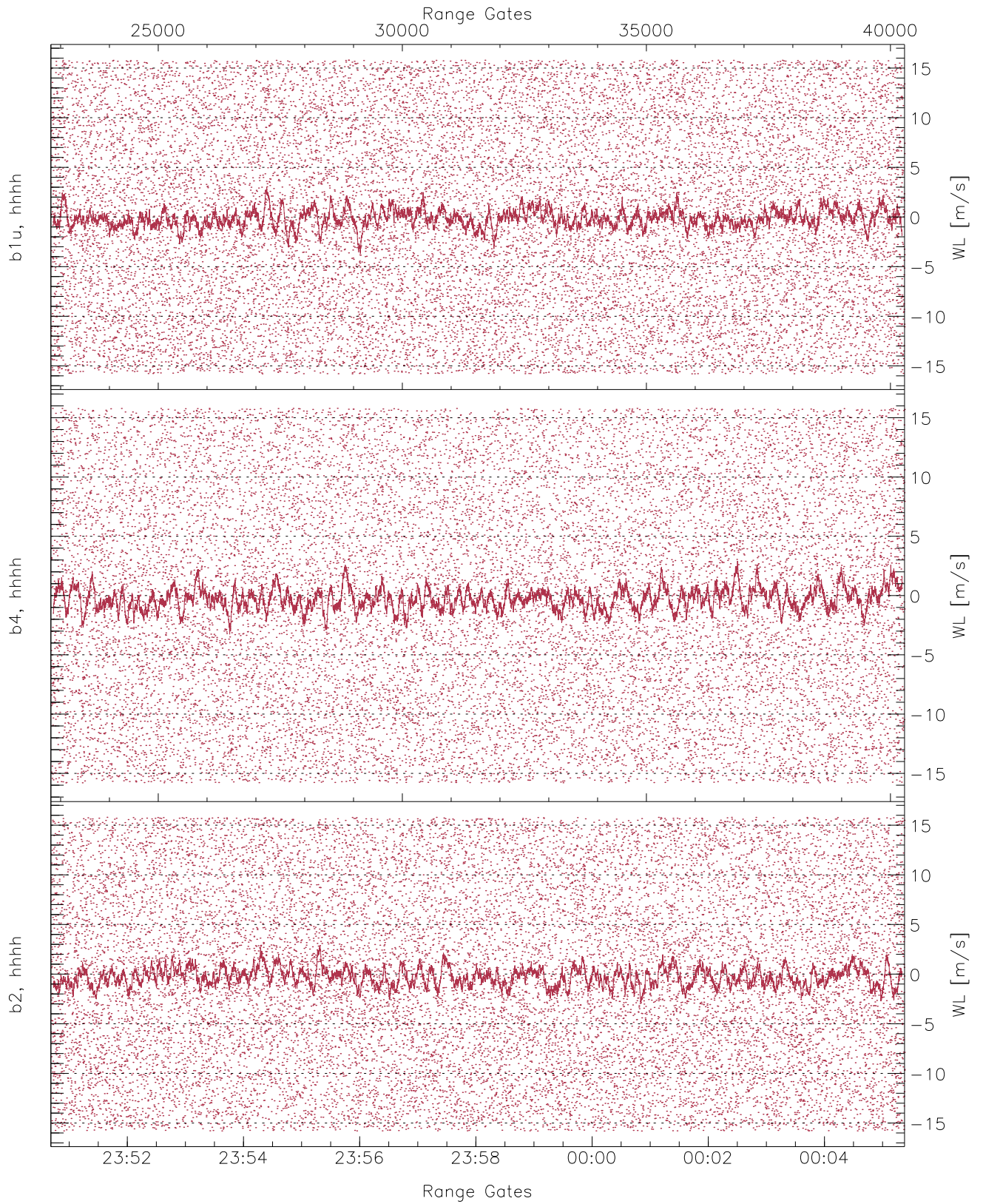


WCR2 CPP Averaged Received power for all recorded gates  
blue: 235041-235802, 8746 profiles averaged  
red: 235802-000523, 8745 profiles averaged

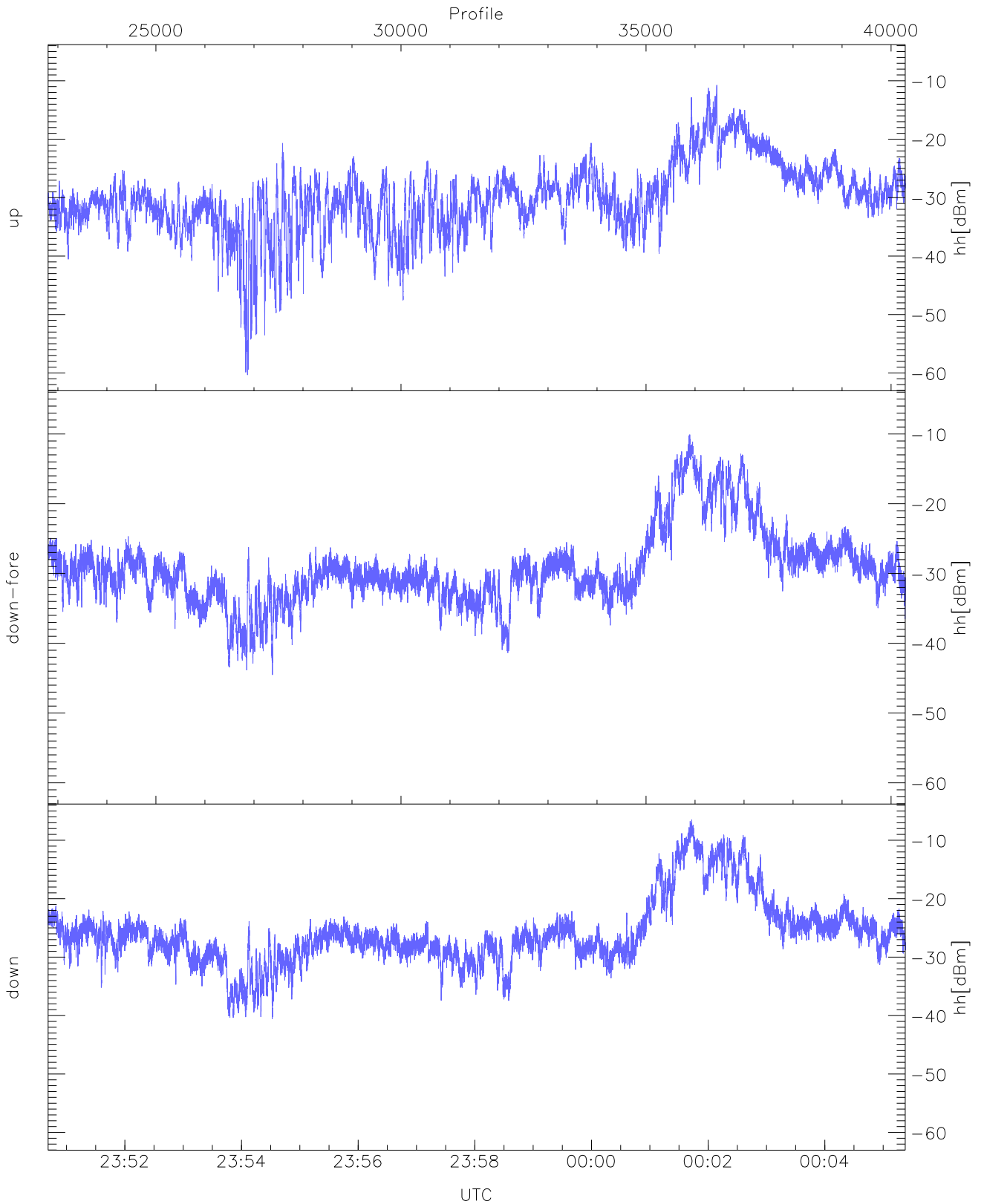




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 235041-235802, 8746 profiles averaged  
red: 235802-000523, 8745 profiles averaged

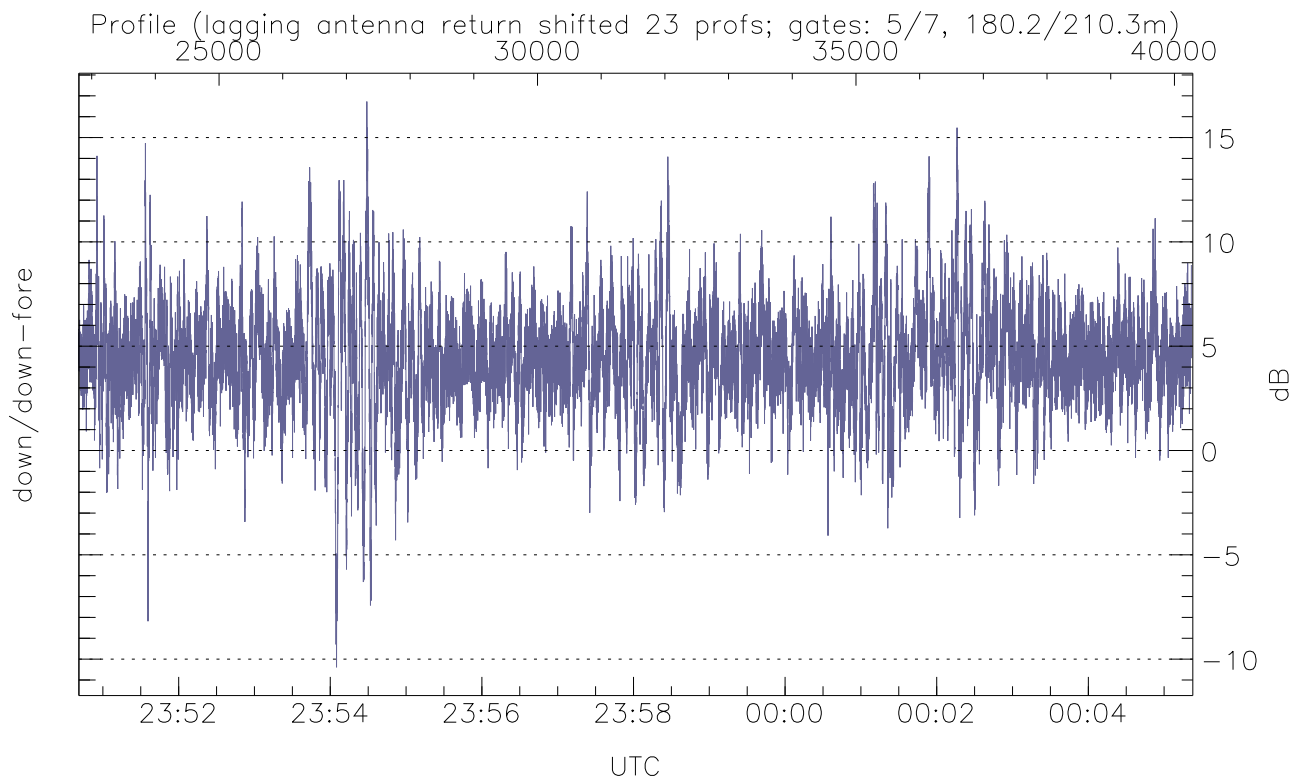
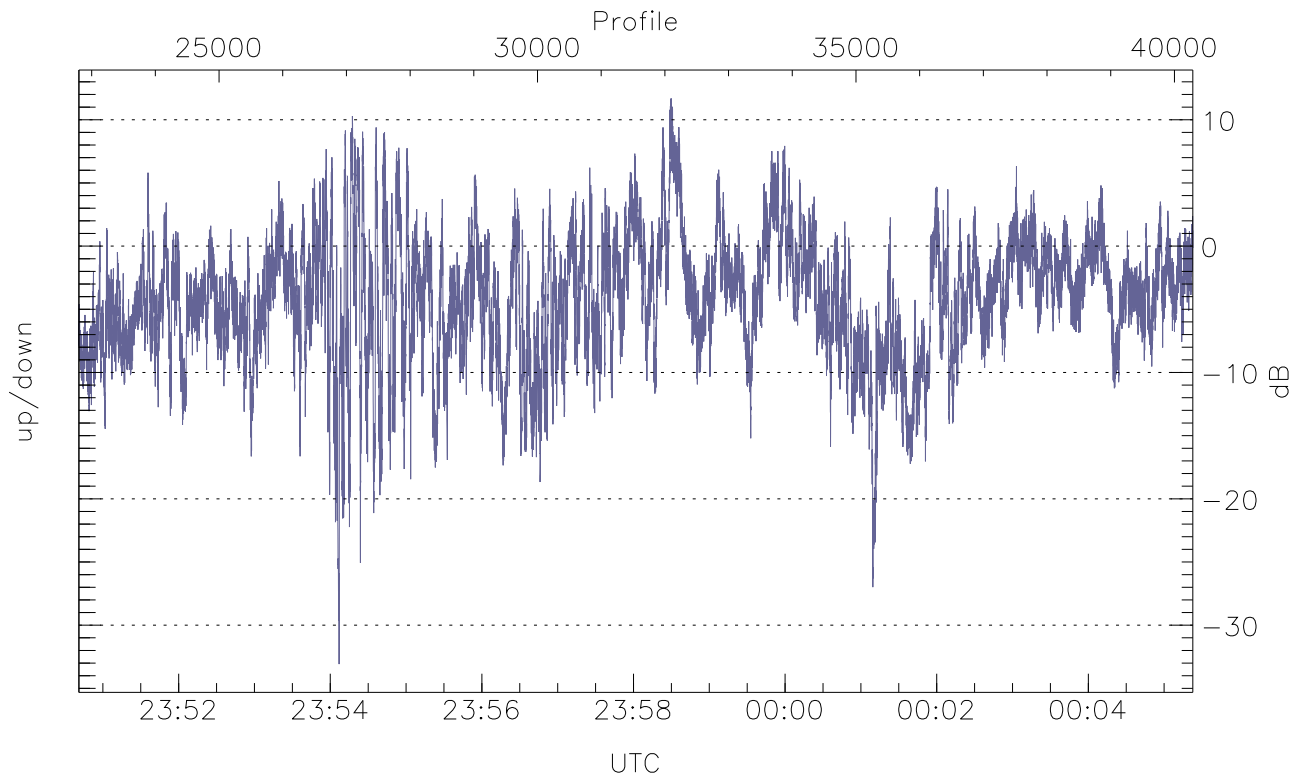


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



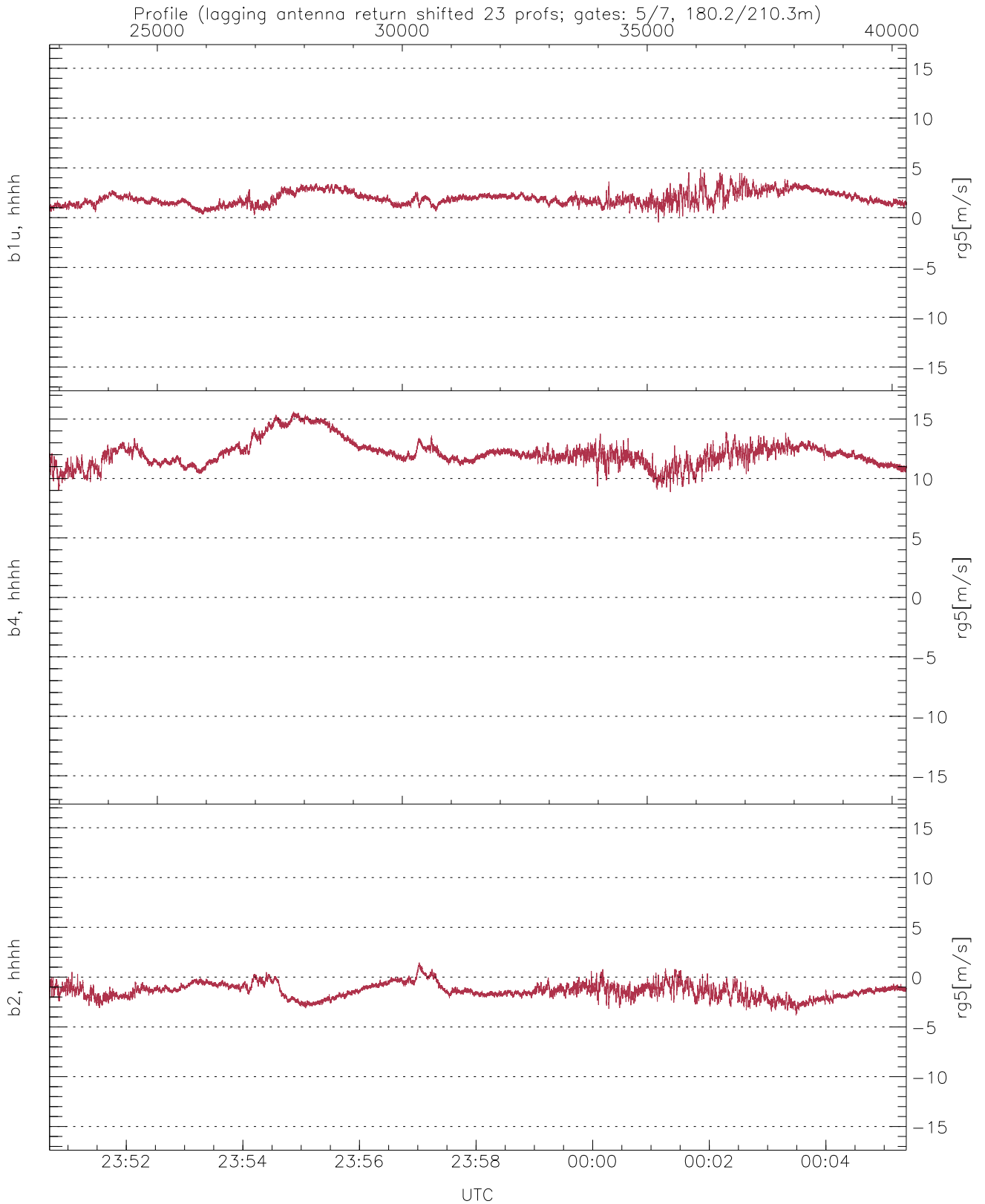
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-60.35	-10.72	-26.06
down-fore(hh[dBm])	-44.53	-10.09	-24.75
down(hh[dBm])	-40.56	-6.49	-20.98



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

	Min	Max	Mean
up/down (dB)	-33.08	11.70	-4.21
down/down-fore (dB)	-10.39	16.73	4.44



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.47	4.86	1.94	0.67
b4, hhhh(rg5[m/s])	8.87	15.61	12.09	1.11
b2, hhhh(rg5[m/s])	-3.84	1.46	-1.37	0.75