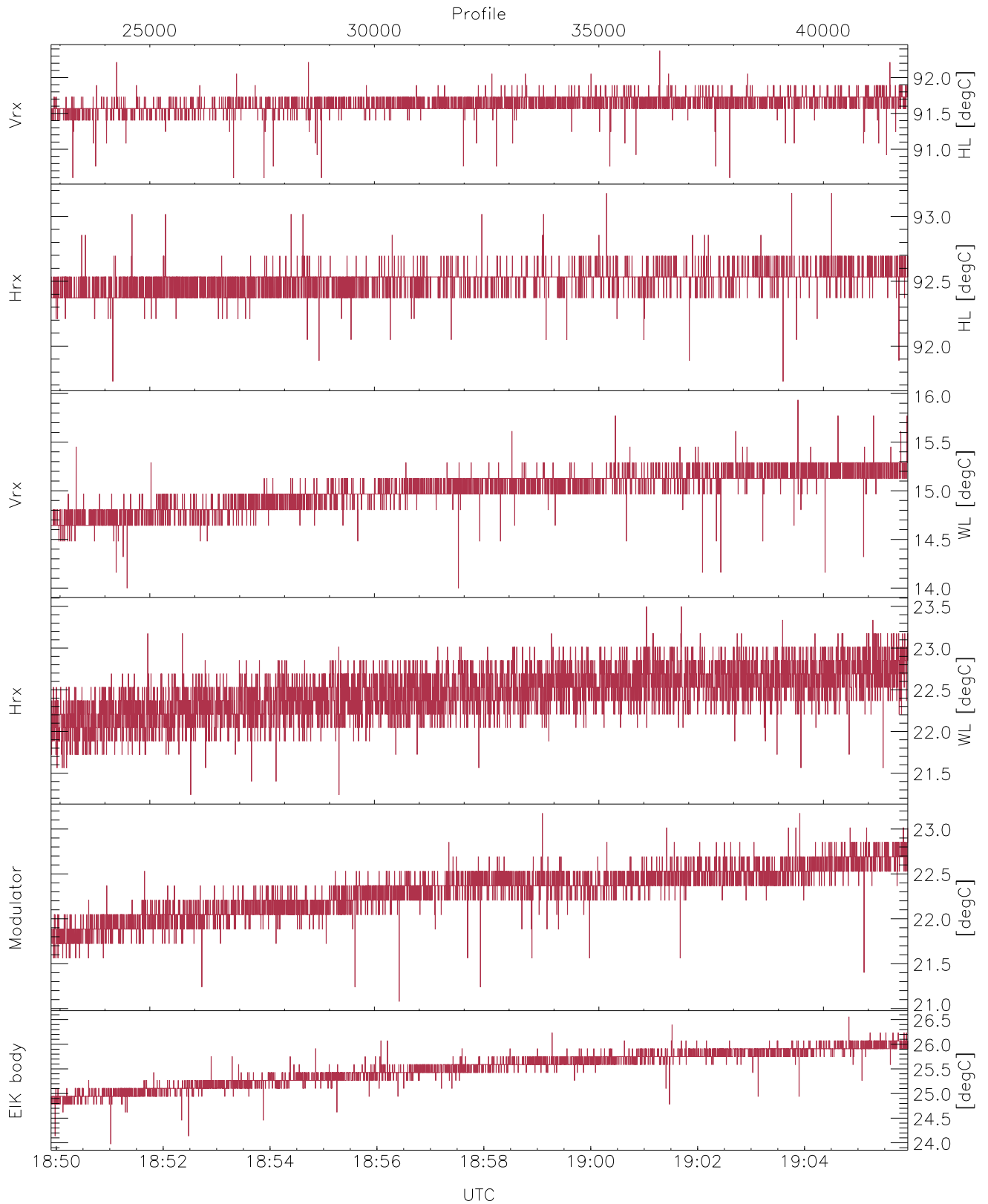


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

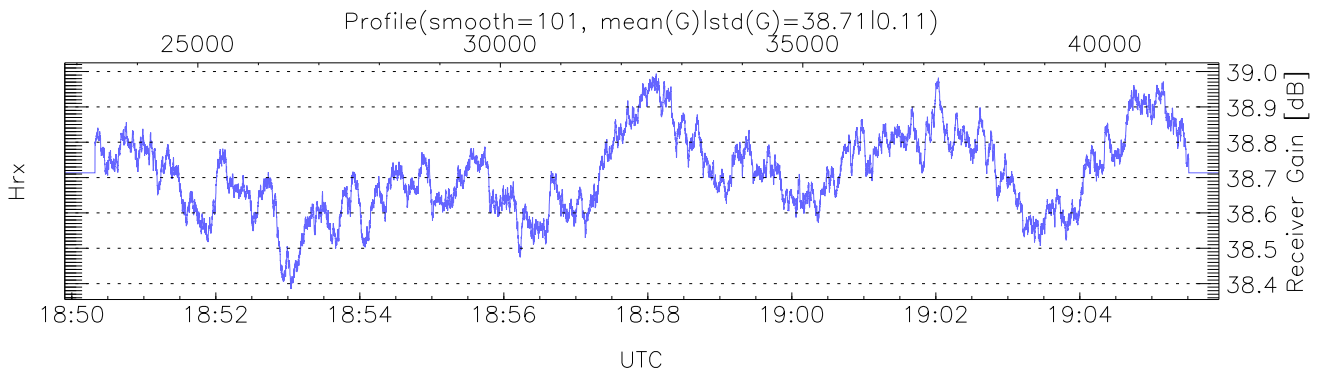
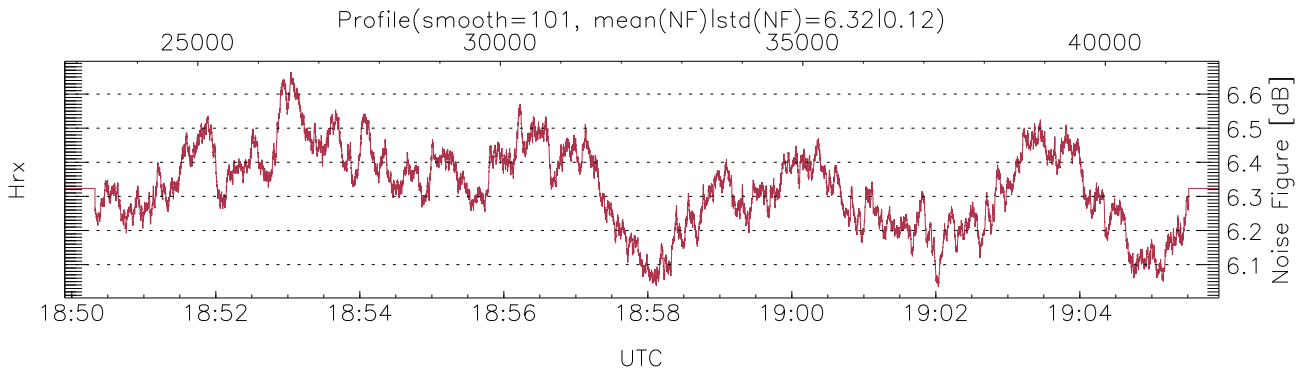
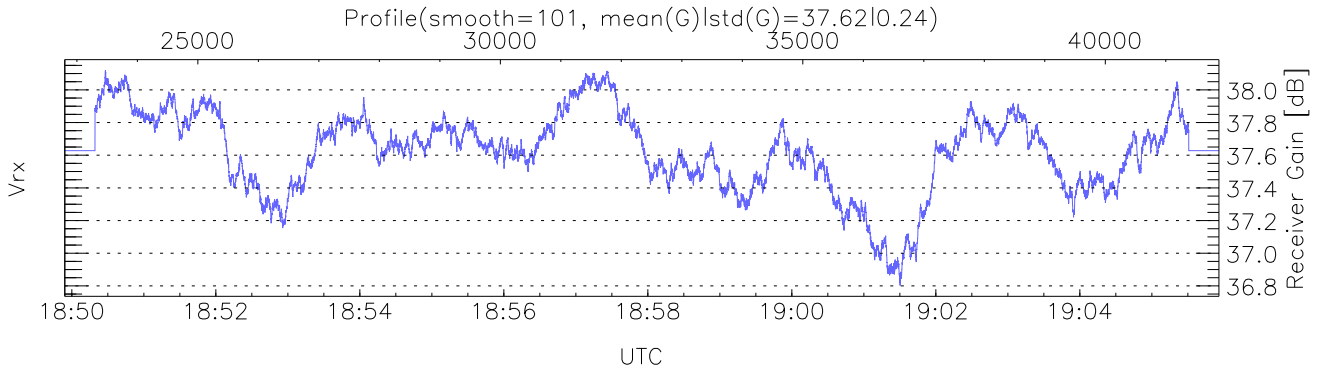
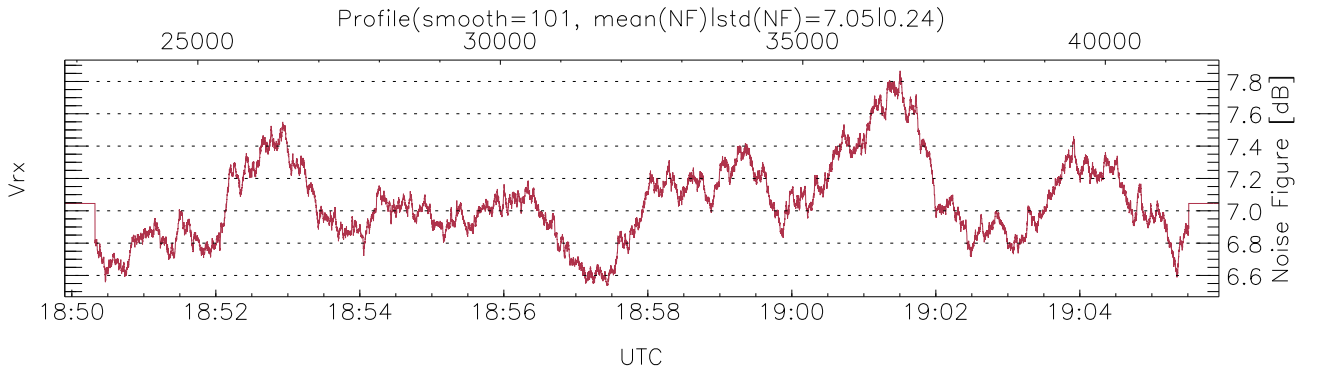
UTC: 18:30:45-19:05:56, Dur: 2111.23s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 19080/41880, 22800-41879/18:49:54-19:05:56  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 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

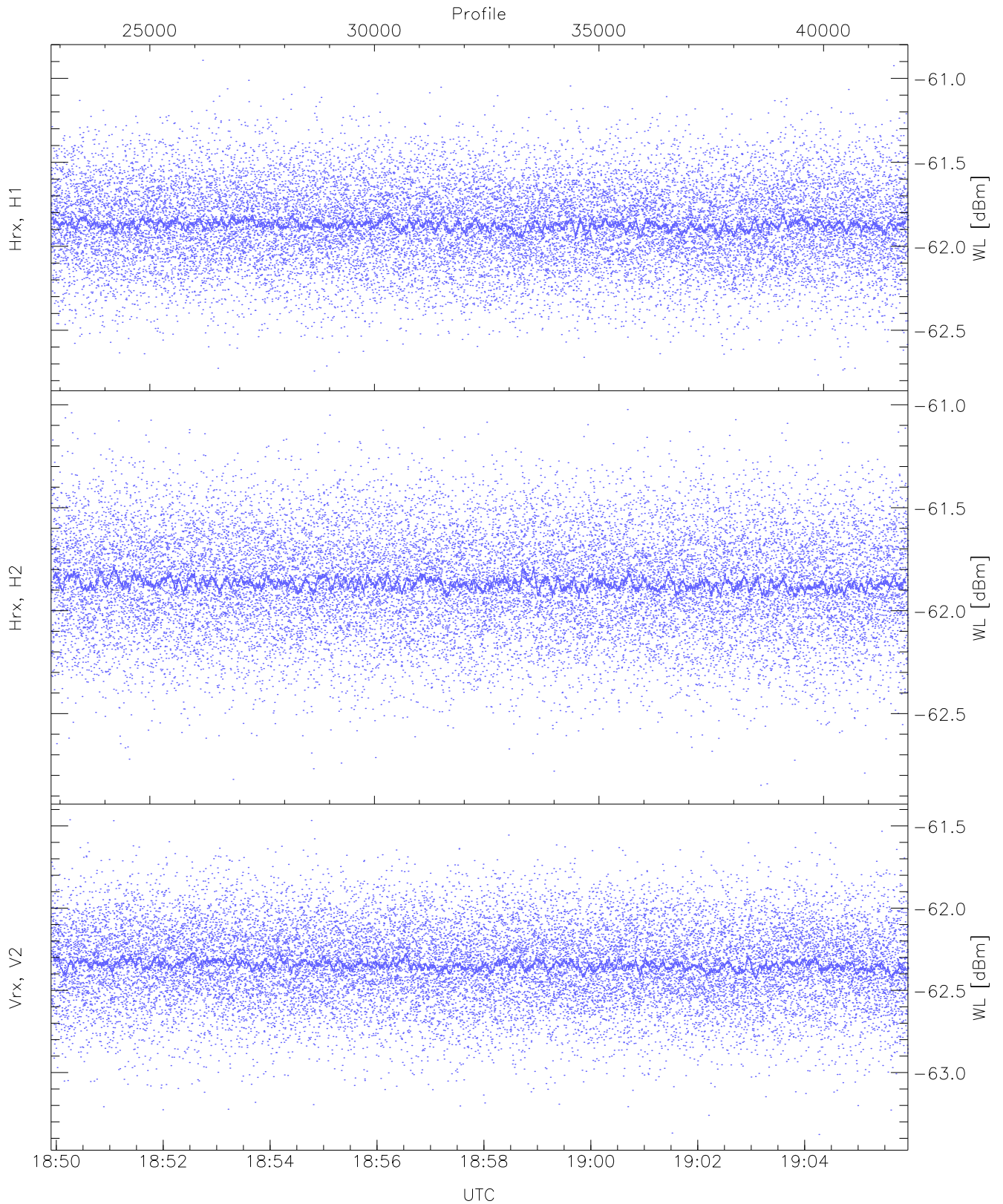
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,21,23`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,23,26`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,5)`



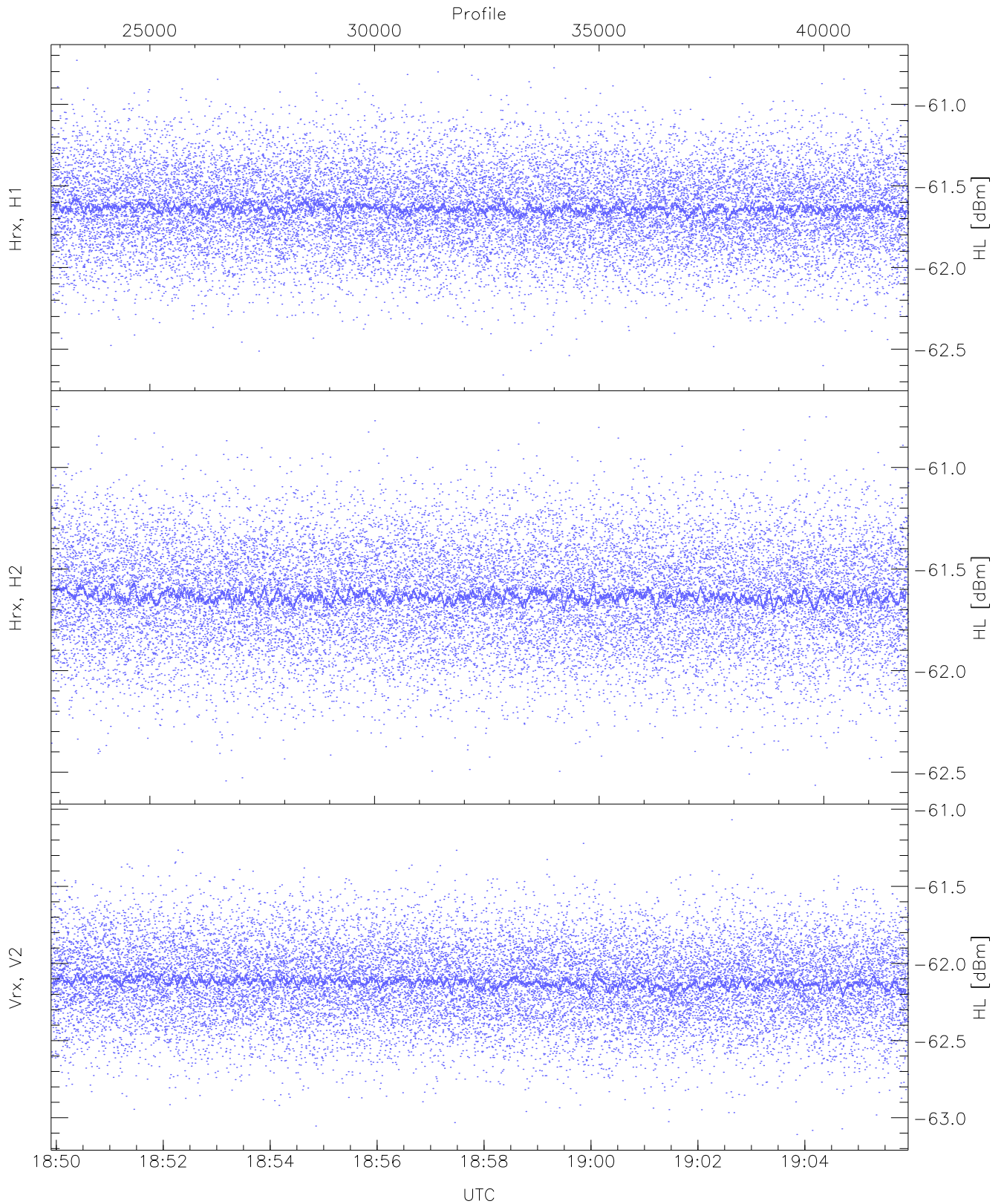
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 16053 pixs, 8 gates, 16032 profs, 1 prods



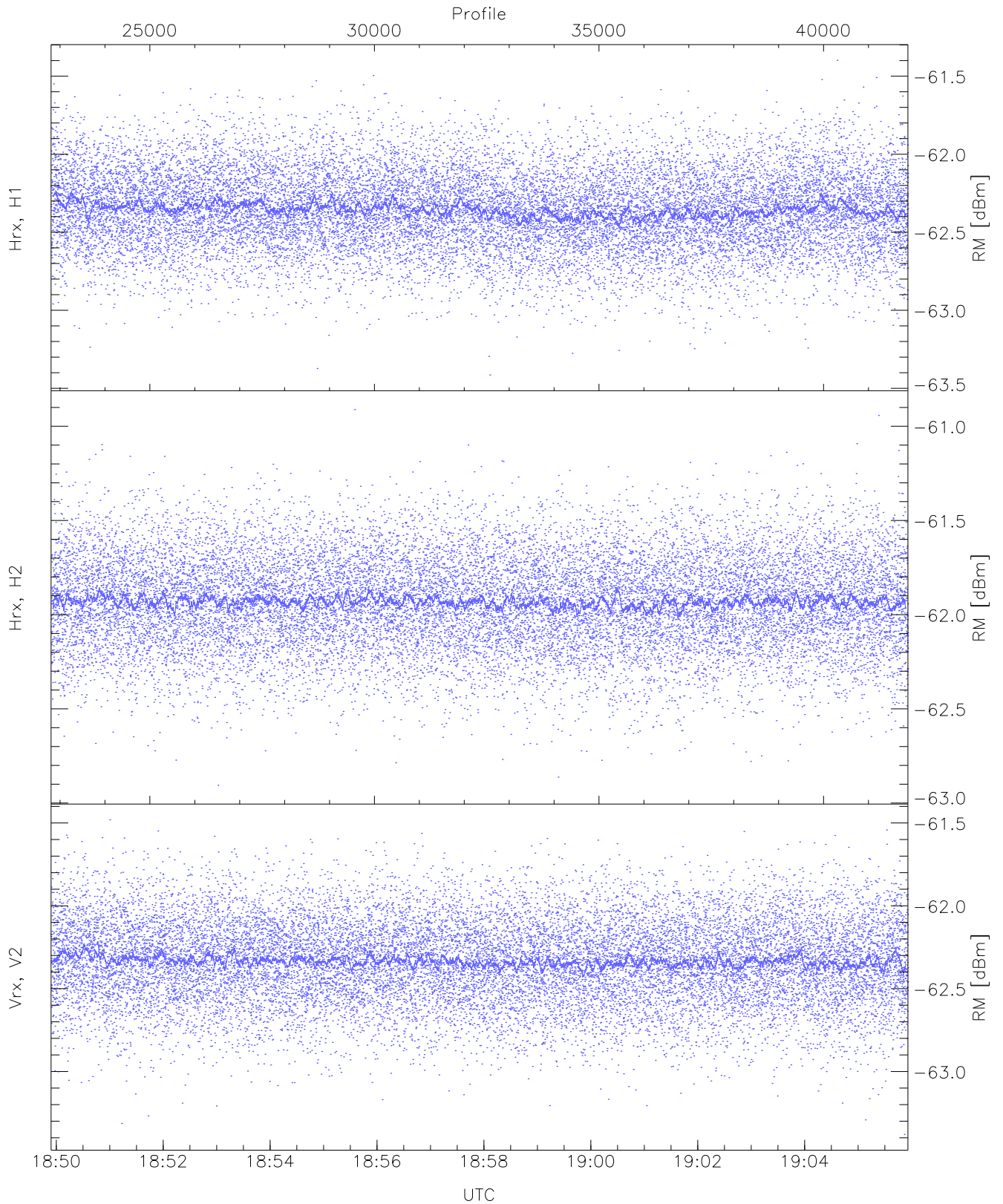
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.77	-60.89	-61.87	-61.87	-74.42
Hrx, H2(WL [dBm])	-62.85	-61.02	-61.86	-61.87	-74.42
Vrx, V2(WL [dBm])	-63.38	-61.46	-62.34	-62.35	-74.89



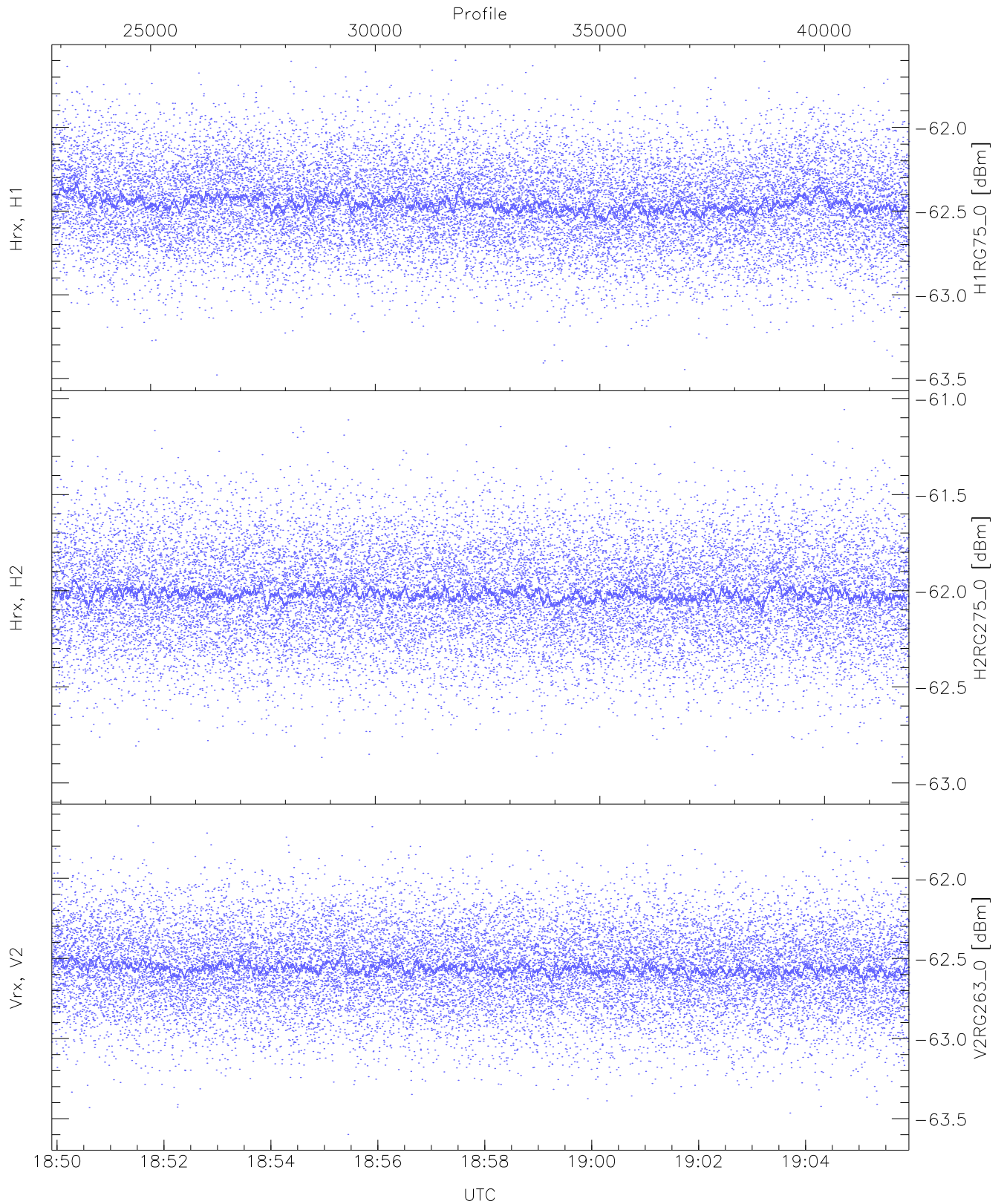
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.66	-60.73	-61.63	-61.64	-74.22
Hrx, H2 (HL [dBm])	-62.56	-60.71	-61.63	-61.63	-74.21
Vrx, V2 (HL [dBm])	-63.11	-61.07	-62.12	-62.12	-74.64



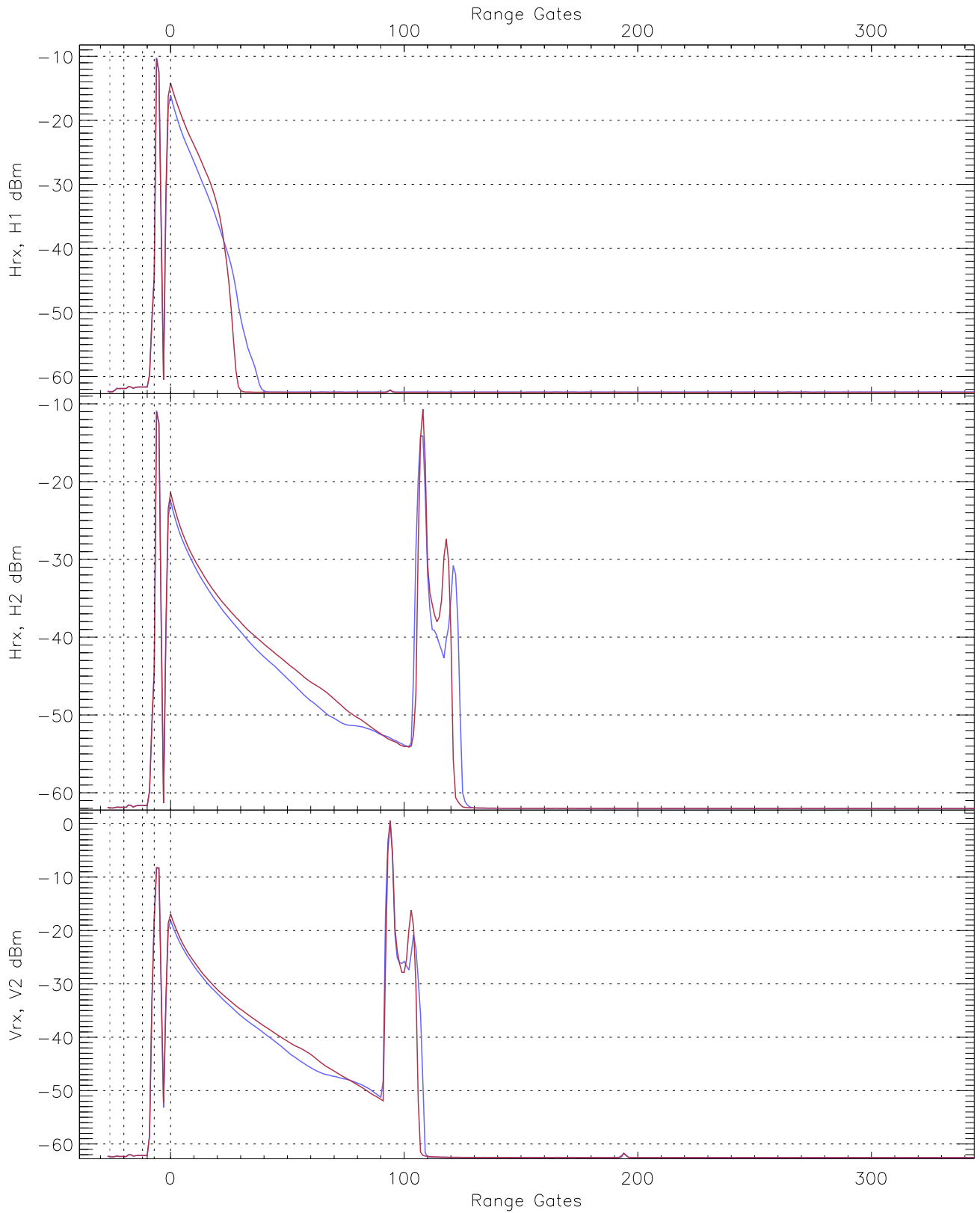
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.41	-61.40	-62.35	-62.36	-74.89
Hrx, H2 (RM [dBm])	-62.91	-60.91	-61.93	-61.93	-74.55
Vrx, V2 (RM [dBm])	-63.38	-61.48	-62.33	-62.33	-74.87



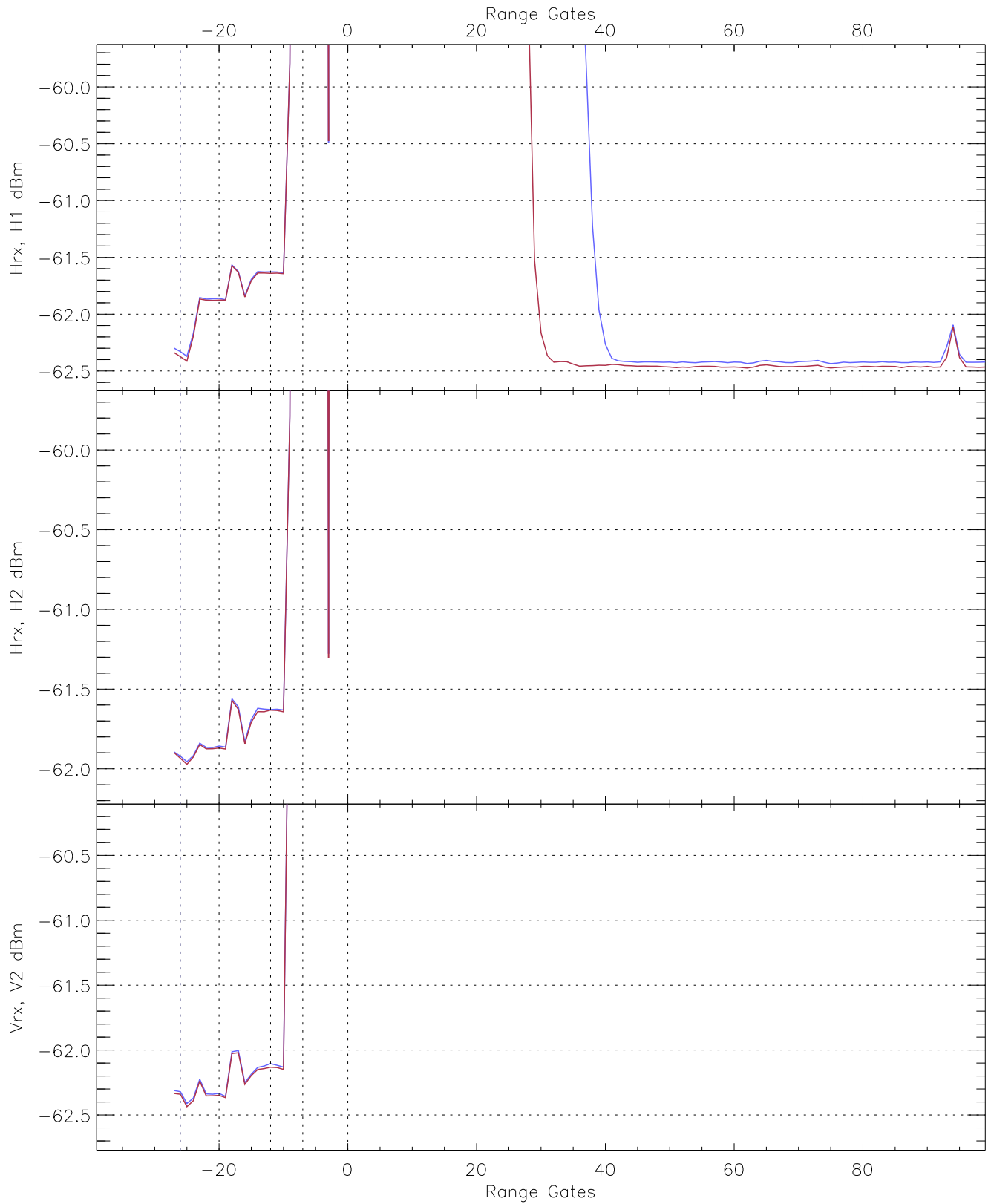
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.48	-61.60	-62.45	-62.46	-75.00
H2RG275_0 [dBm]	-63.01	-61.06	-62.02	-62.02	-74.57
V2RG263_0 [dBm]	-63.60	-61.63	-62.56	-62.56	-75.10

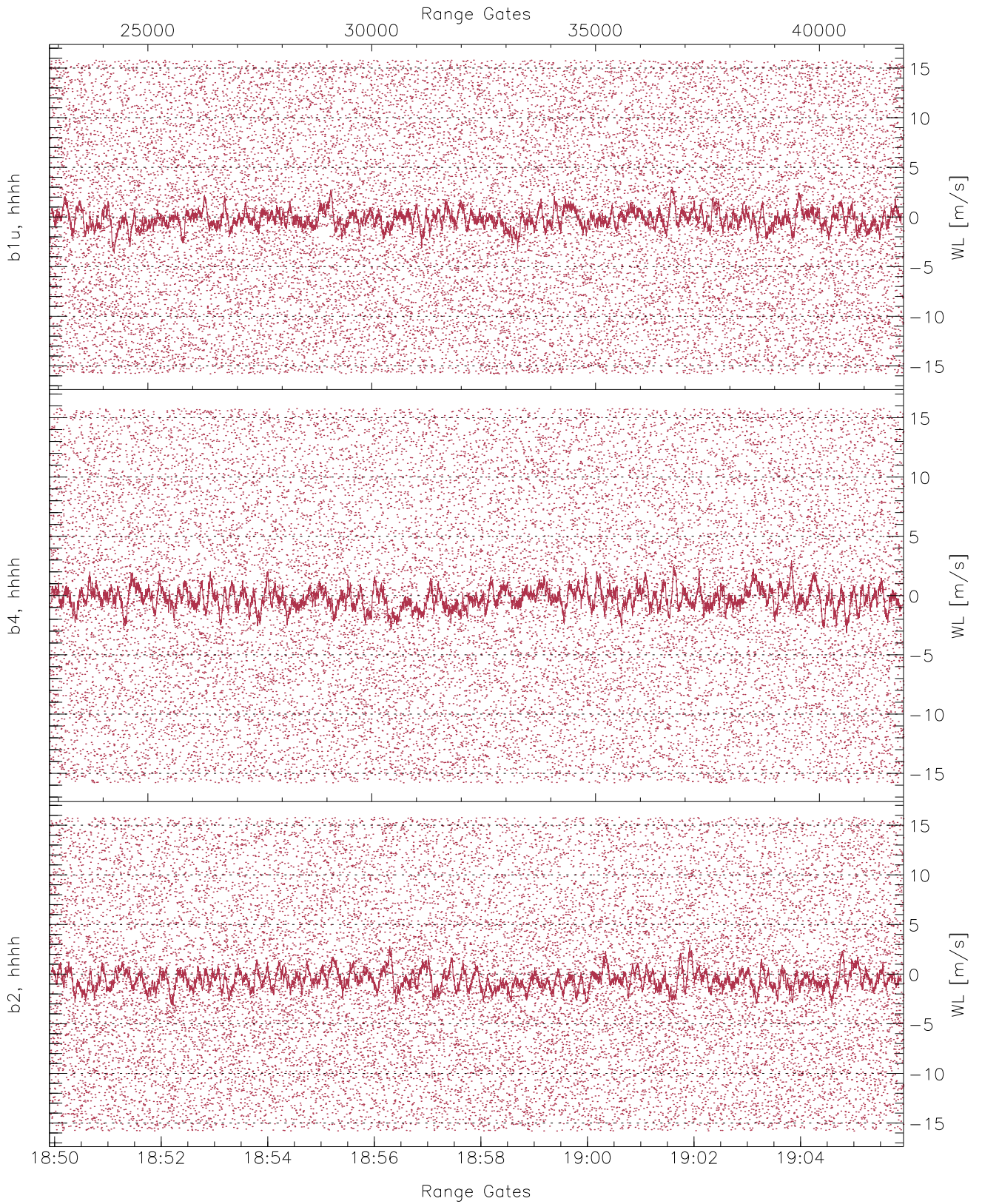


WCR2 CPP Averaged Received power for all recorded gates  
blue: 184954-185755, 9541 profiles averaged  
red: 185755-190556, 9540 profiles averaged

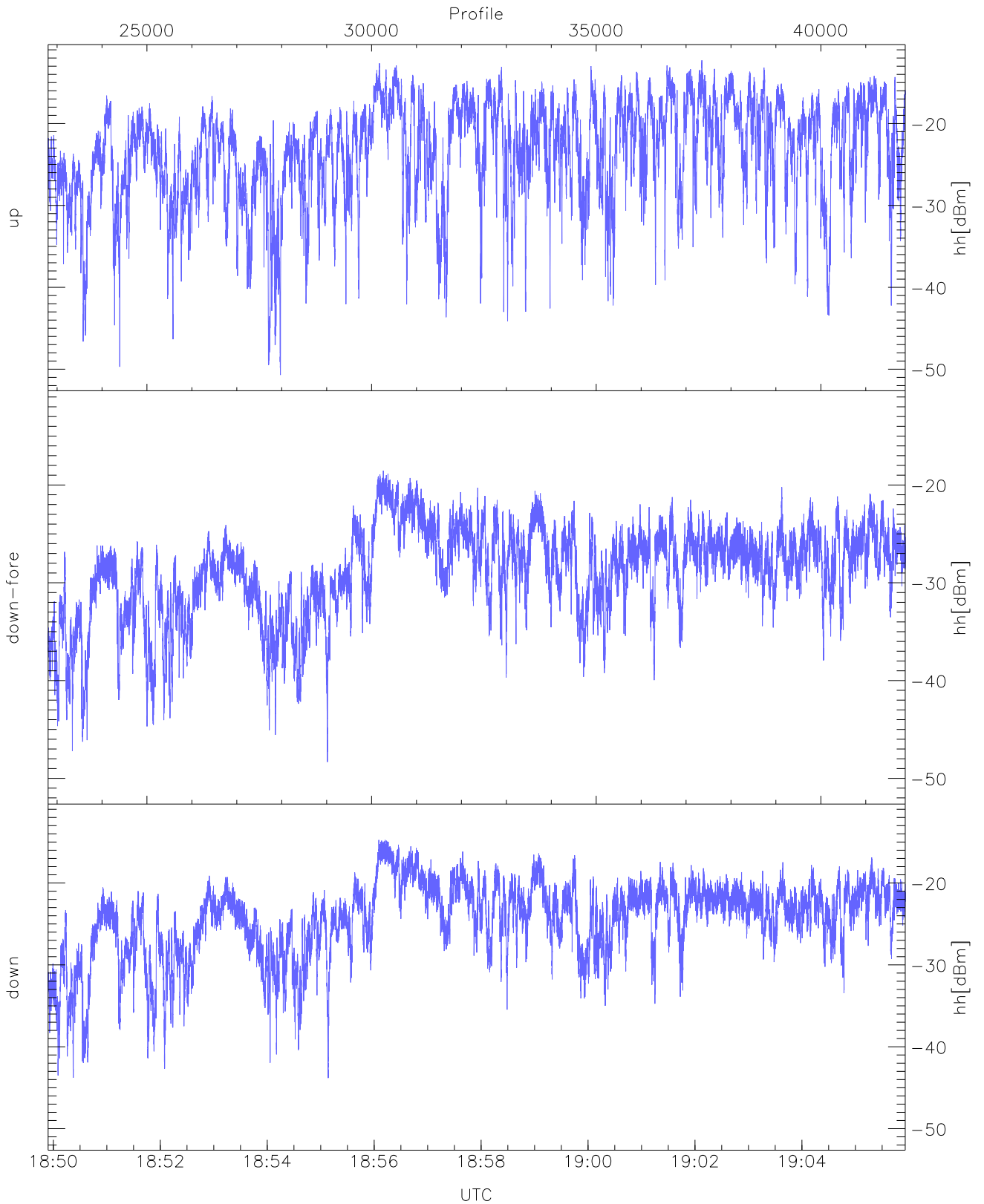




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 184954-185755, 9541 profiles averaged  
red: 185755-190556, 9540 profiles averaged

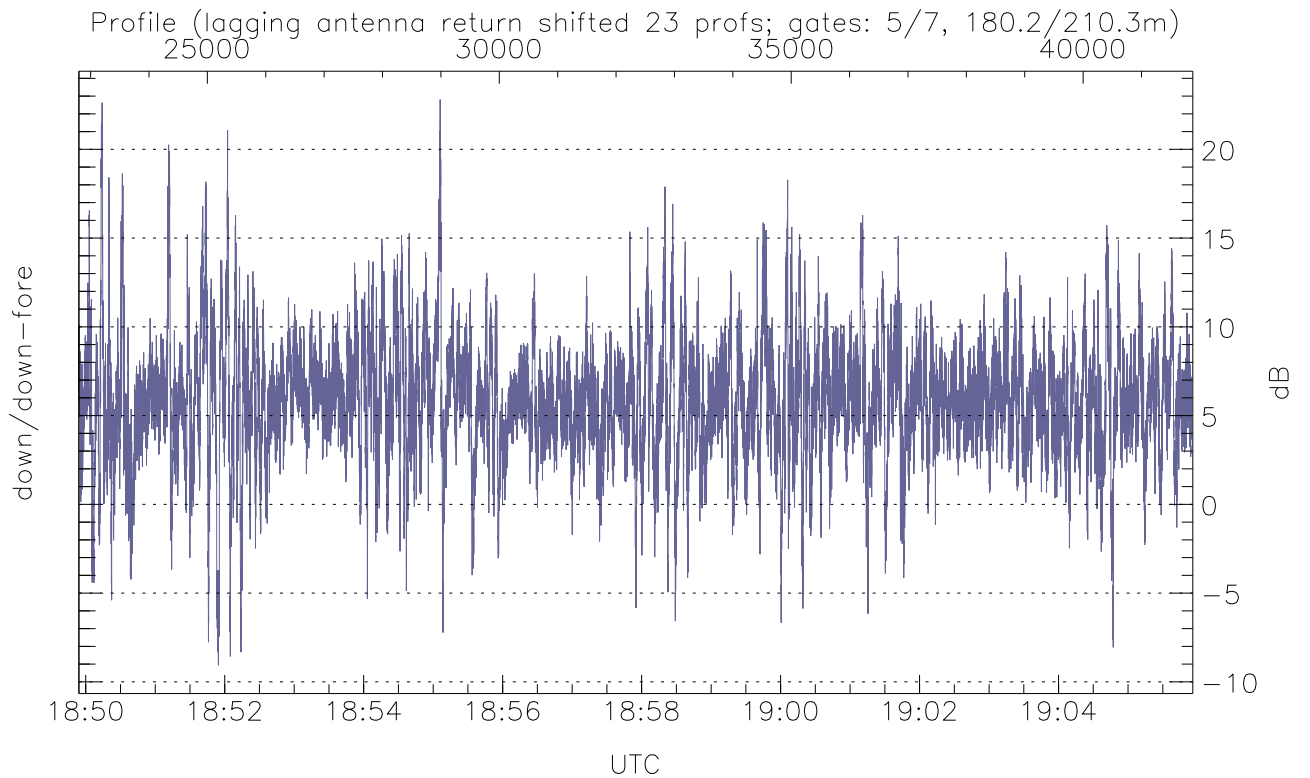
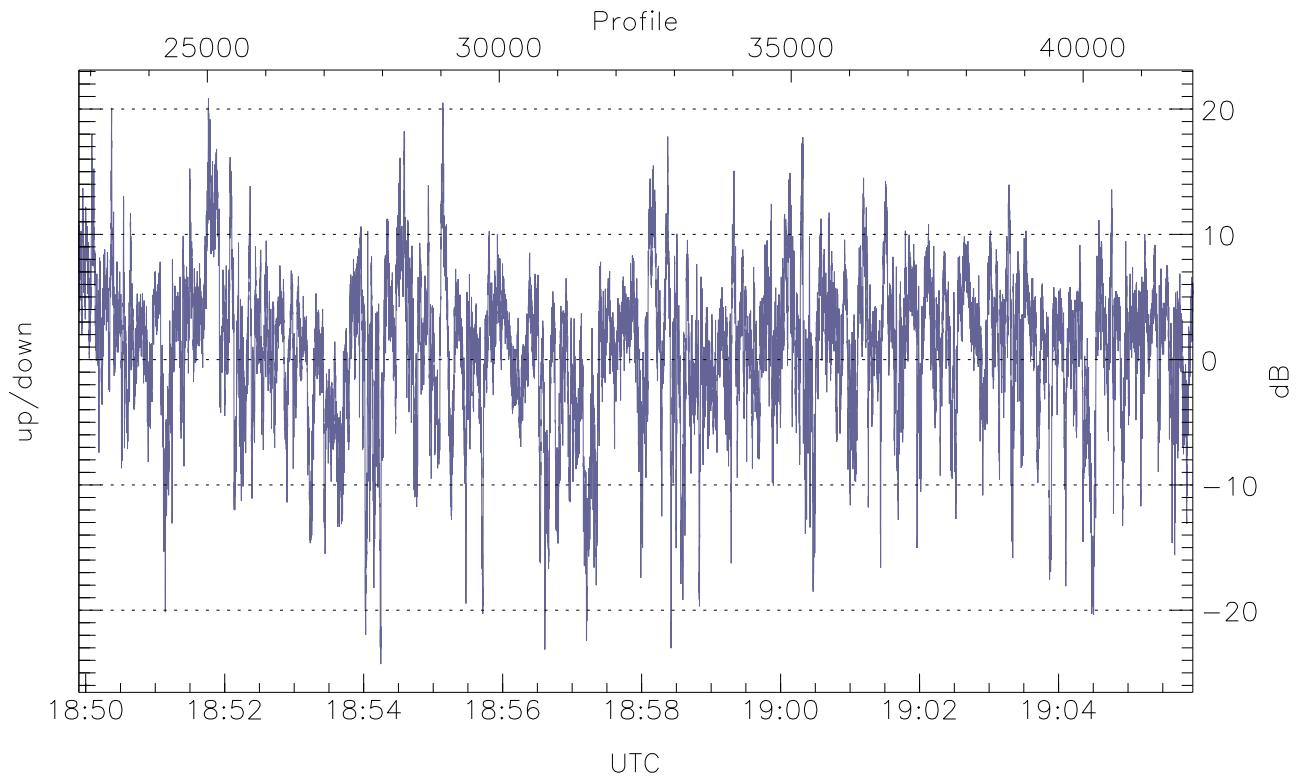


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



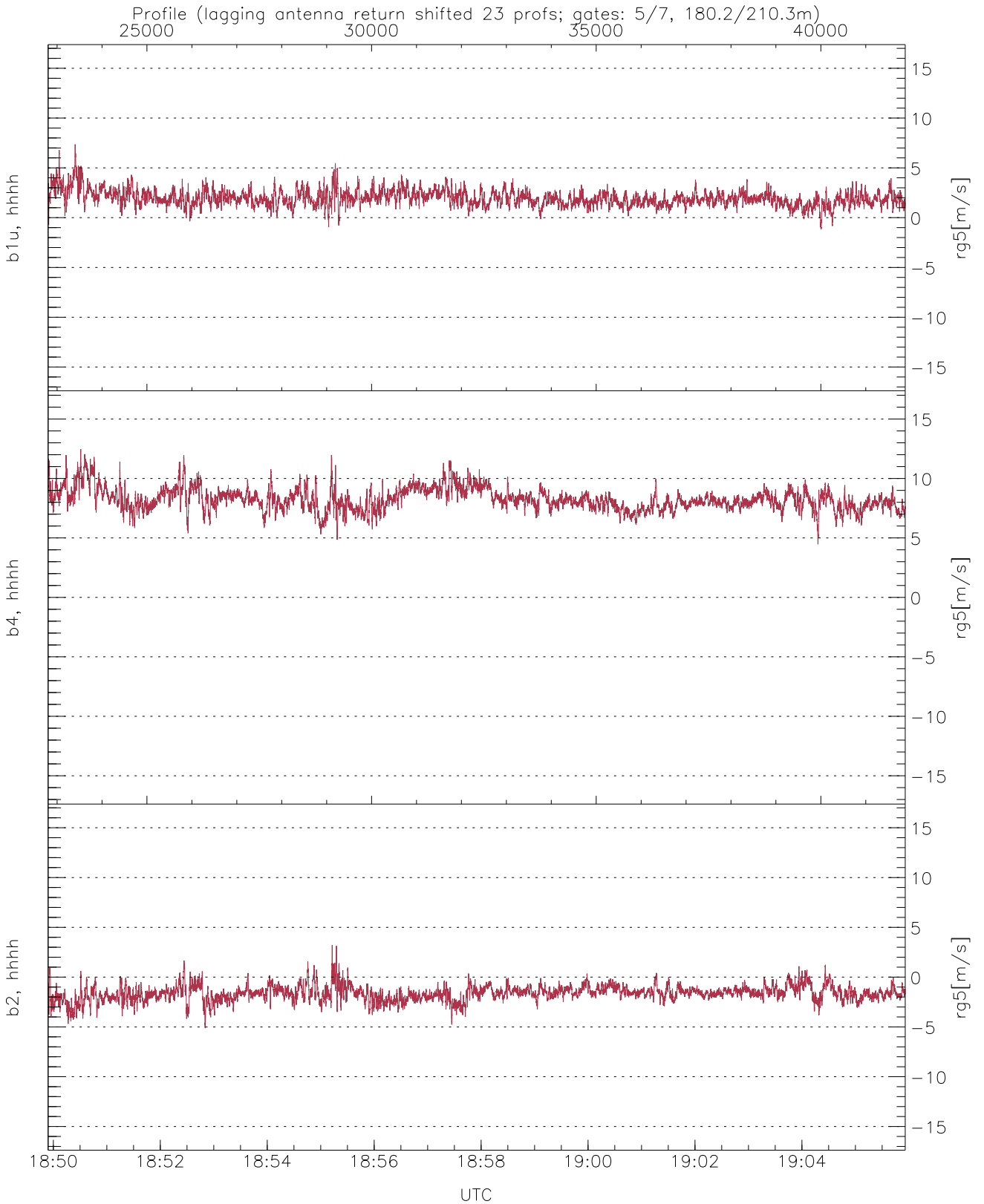
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-50.71	-12.28	-20.69
down-fore(hh[dBm])	-48.33	-18.53	-26.98
down(hh[dBm])	-43.82	-14.74	-22.68



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

	Min	Max	Mean
up/down (dB)	-24.30	20.86	0.86
down/down-fore (dB)	-9.07	22.81	5.86



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.17	7.36	1.96	0.80
b4, hhhh(rg5[m/s])	4.49	12.47	8.24	0.94
b2, hhhh(rg5[m/s])	-5.09	3.21	-1.62	0.77