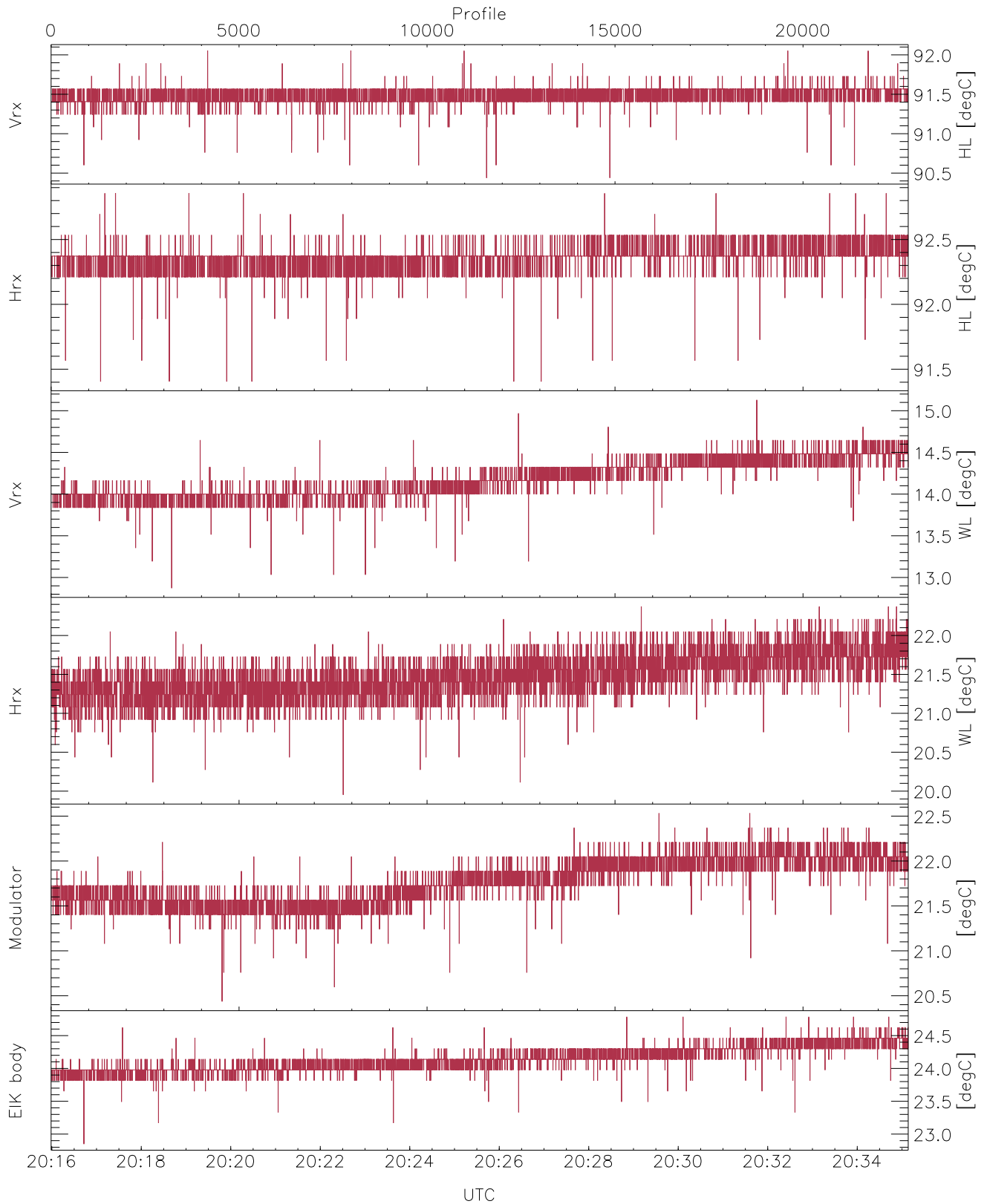


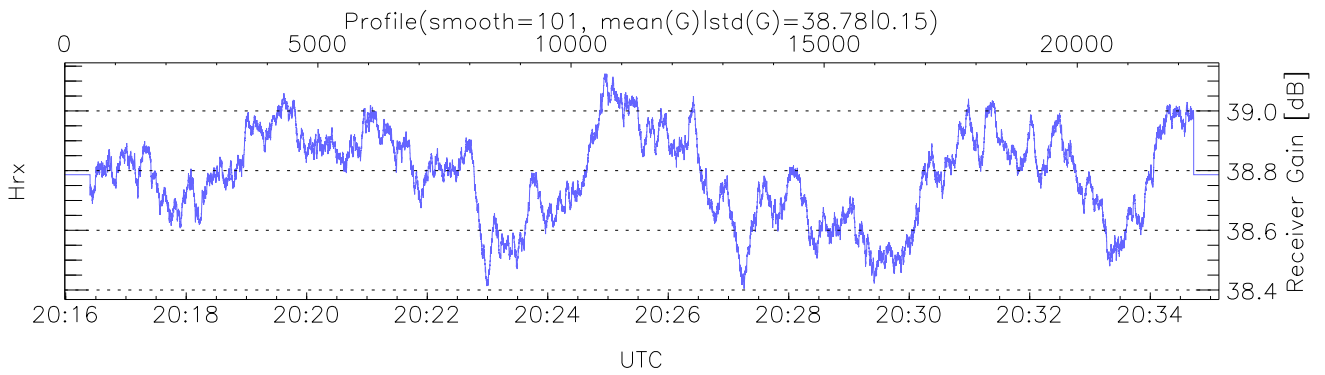
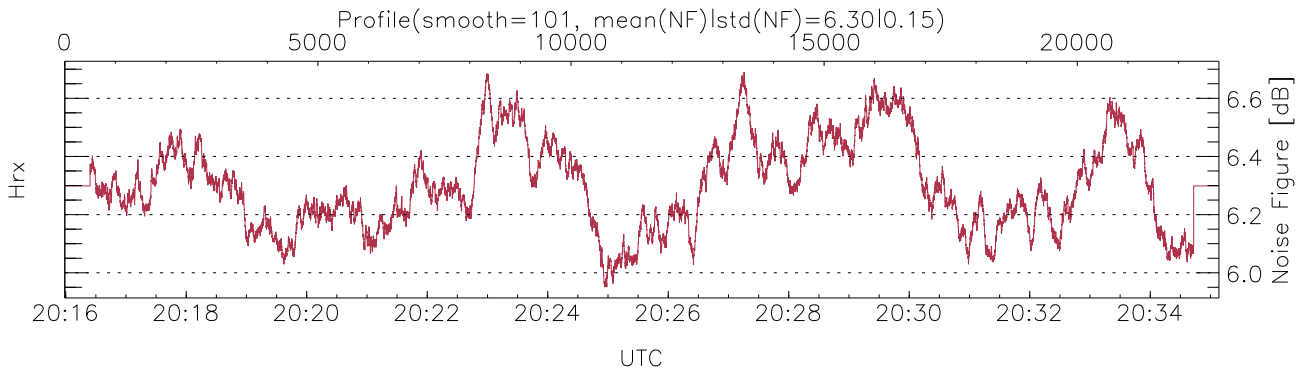
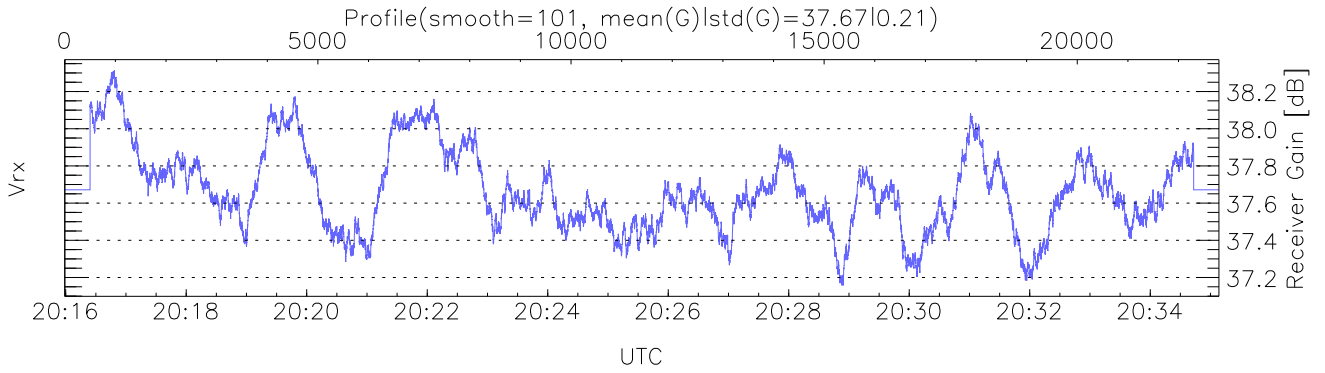
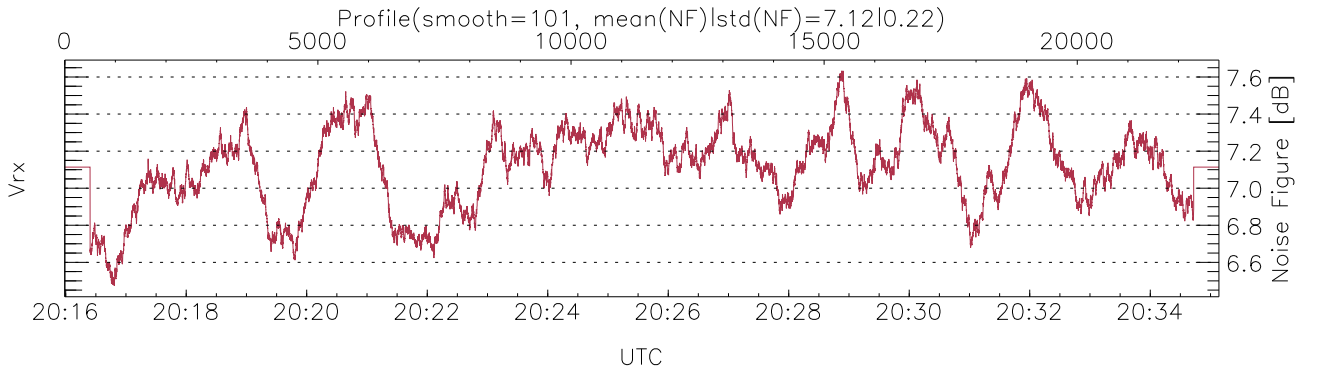
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:15:59-20:46:46, Dur: 1847.37s  
 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): 22800/36646, 0-22799/20:15:59-20:35:08  
 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



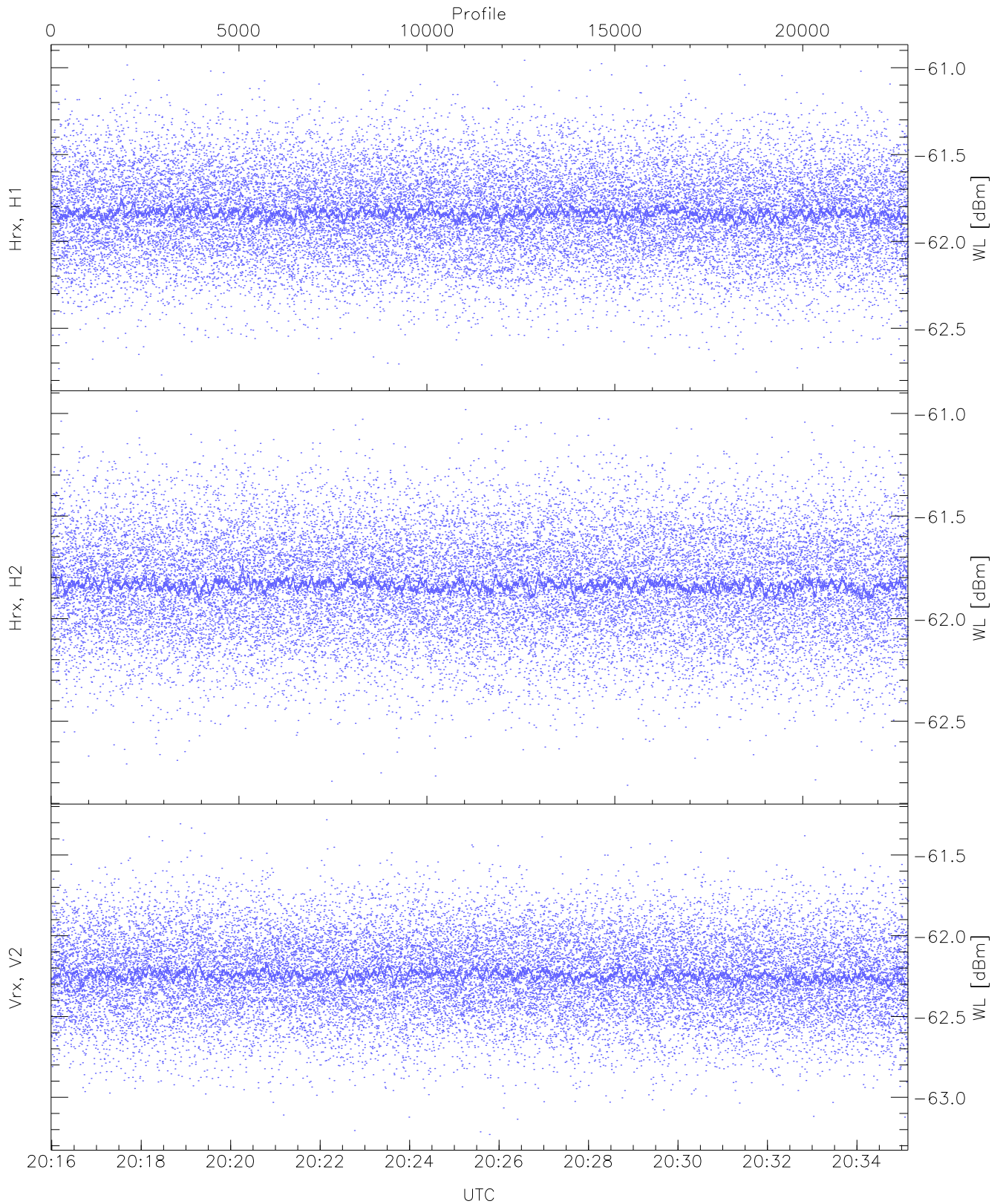
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,19,20,22`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,15,22,22,24`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (31,26,36,36,31,12)`



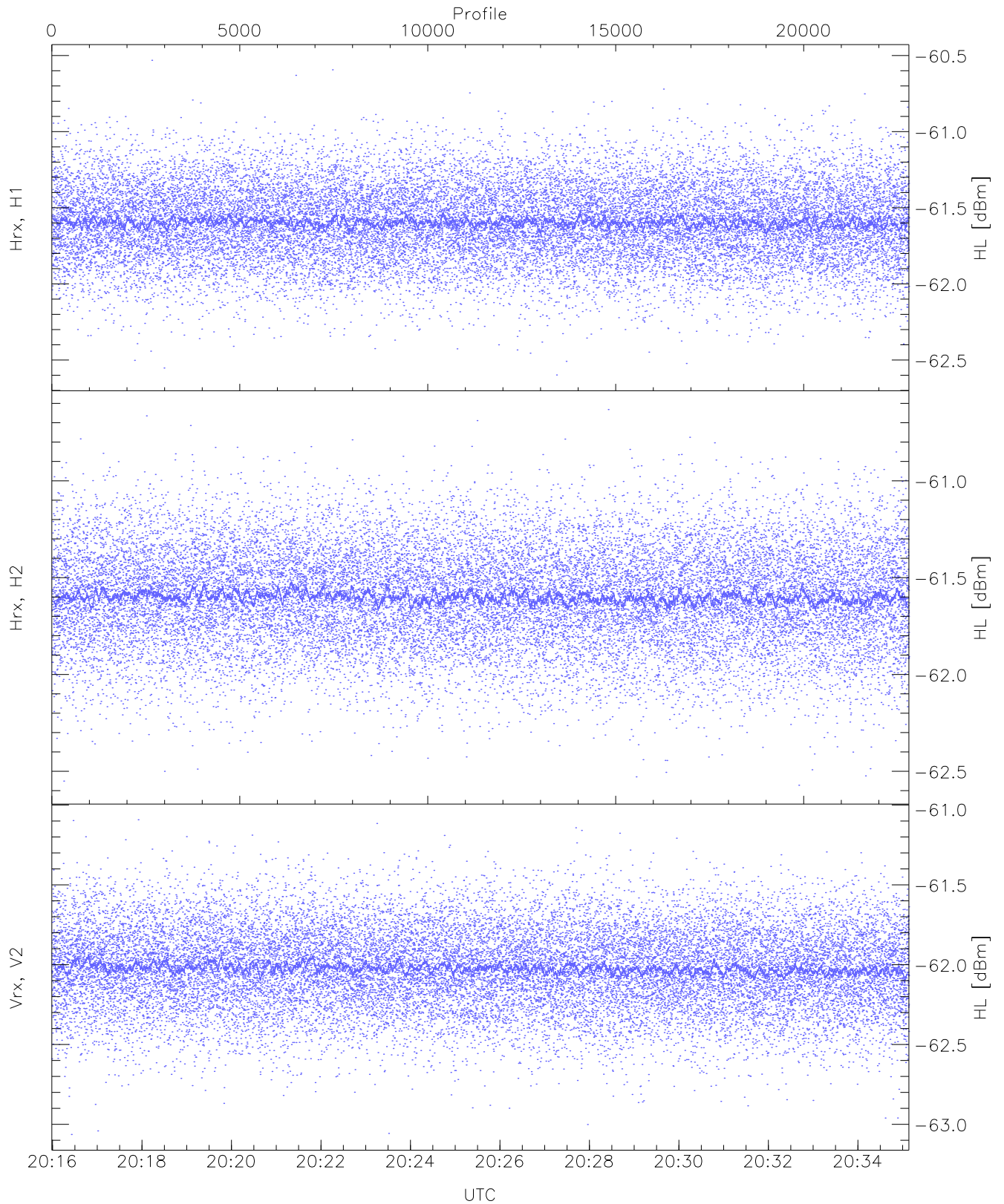
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8708 pixs, 17 gates, 8671 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

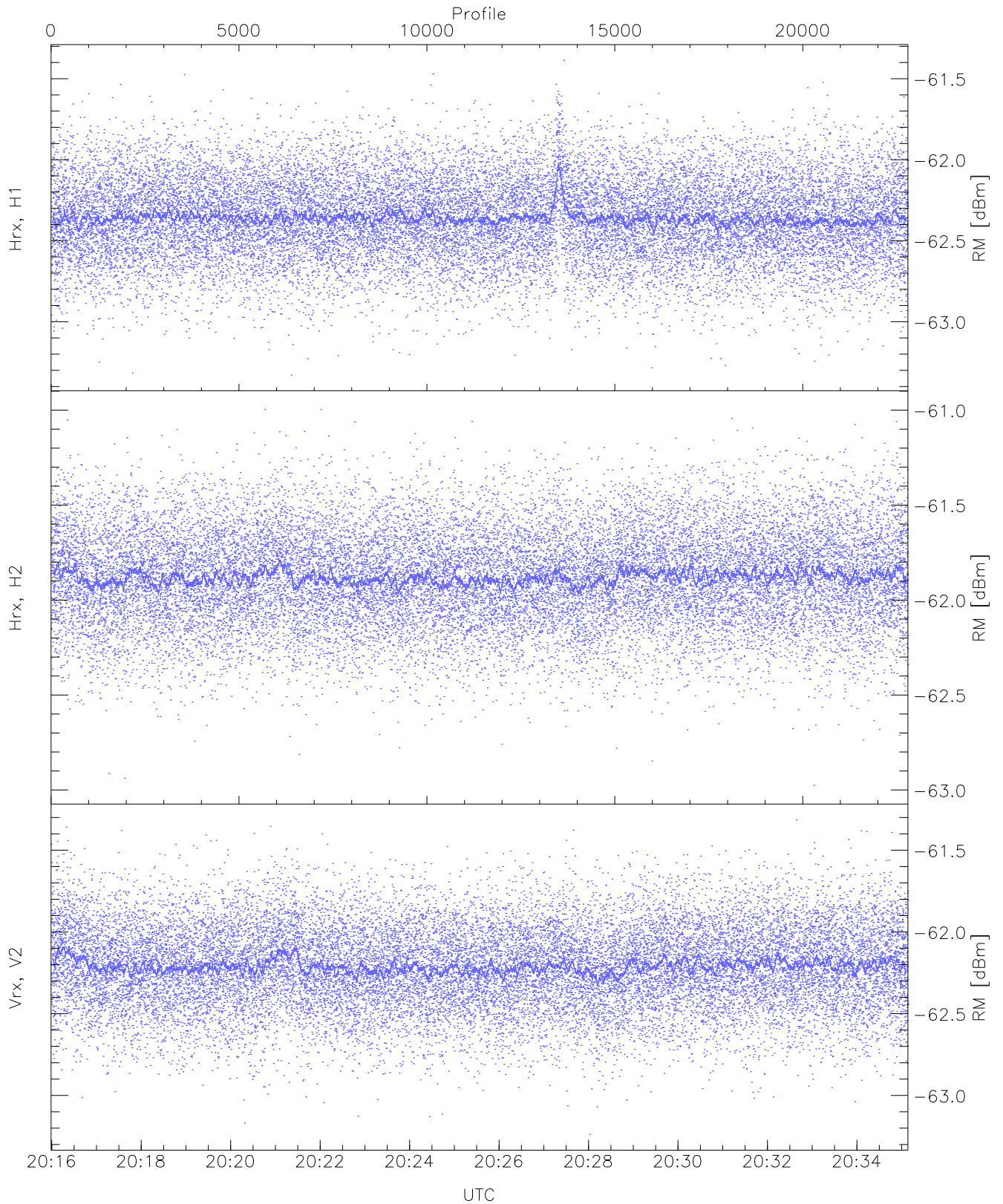
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.77	-60.96	-61.83	-61.84	-74.41
Hrx, H2(WL [dBm])	-62.81	-60.98	-61.83	-61.84	-74.41
Vrx, V2(WL [dBm])	-63.23	-61.28	-62.24	-62.25	-74.78



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

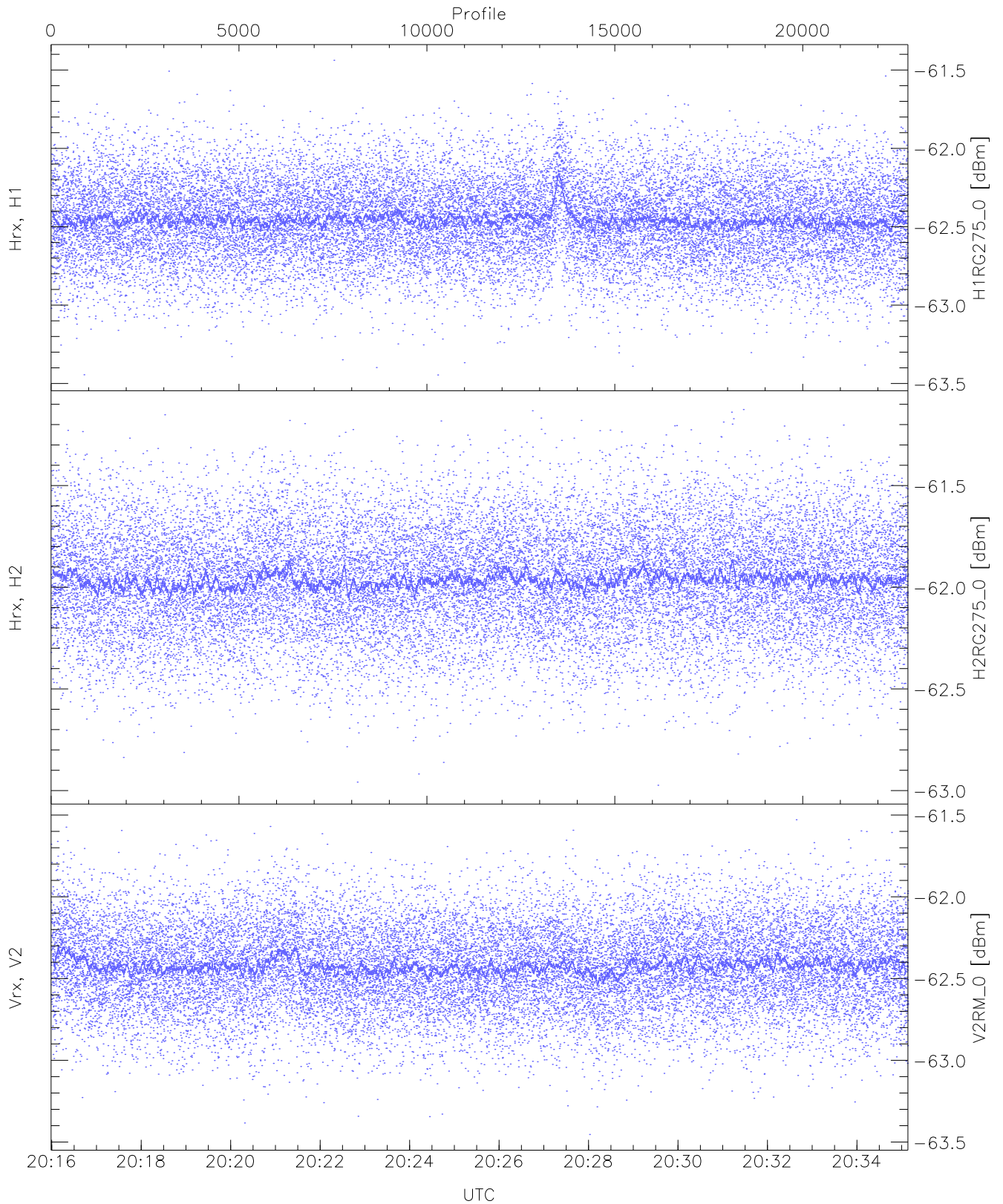
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.60	-60.53	-61.59	-61.60	-74.18
Hrx, H2 (HL [dBm])	-62.57	-60.63	-61.60	-61.60	-74.16
Vrx, V2 (HL [dBm])	-63.06	-61.09	-62.02	-62.02	-74.54





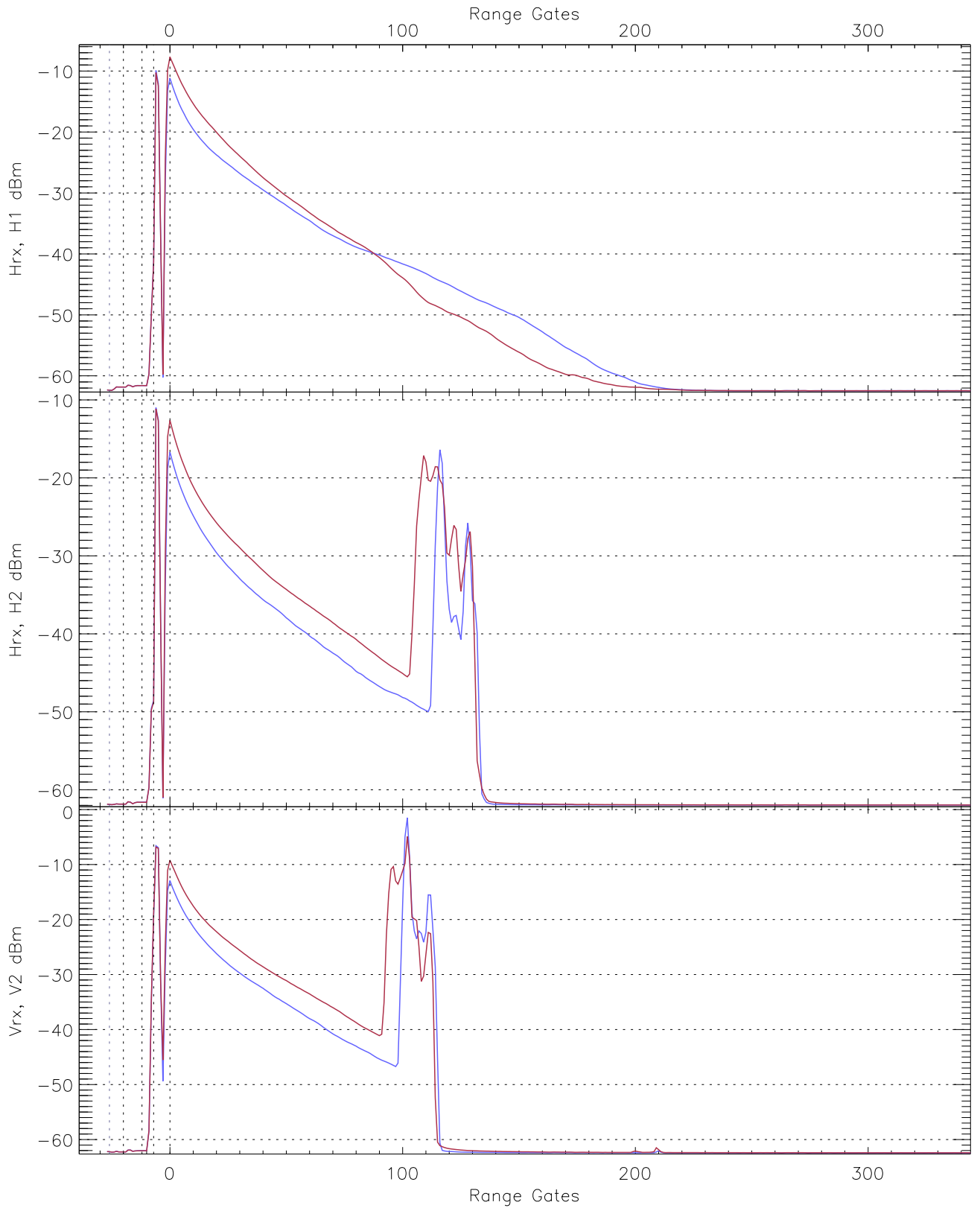
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.33	-61.39	-62.36	-62.36	-74.88
Hrx, H2 (RM [dBm])	-62.98	-61.00	-61.88	-61.88	-74.44
Vrx, V2 (RM [dBm])	-63.24	-61.31	-62.21	-62.21	-74.74



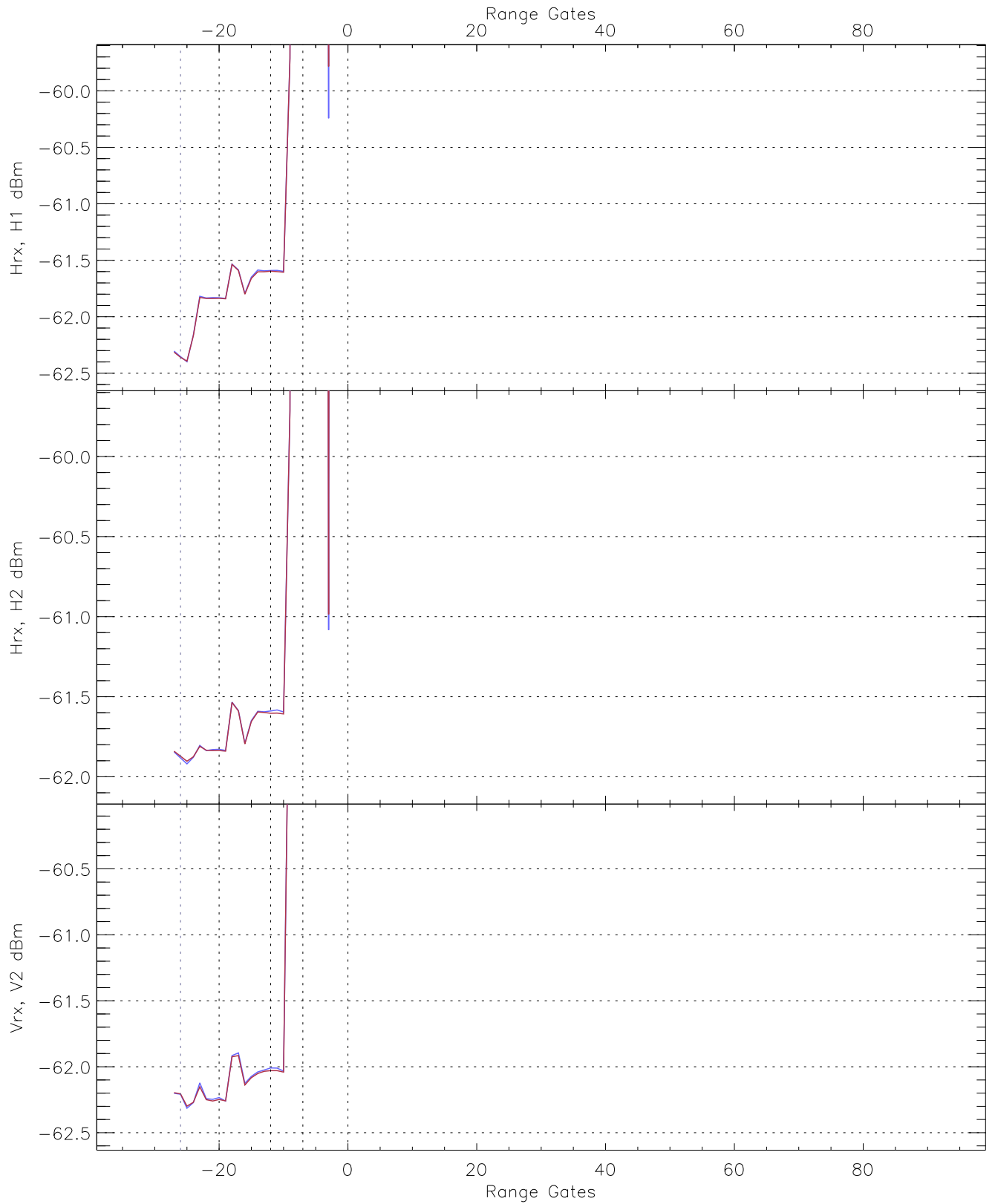
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.45	-61.44	-62.45	-62.46	-74.99
H2RG275_0 [dBm]	-62.97	-61.13	-61.96	-61.97	-74.51
V2RM_0 [dBm]	-63.45	-61.53	-62.42	-62.43	-74.96

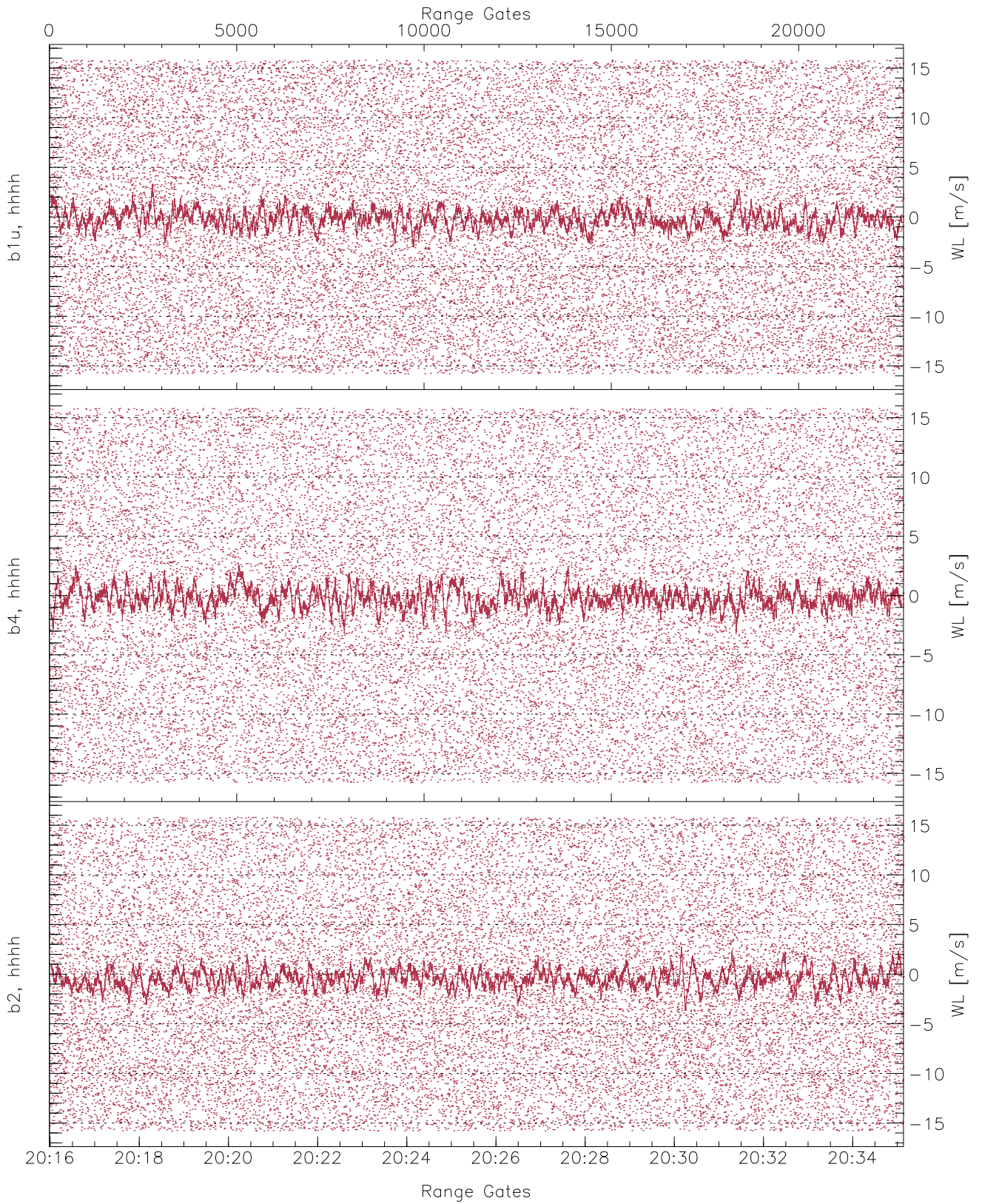


WCR2 CPP Averaged Received power for all recorded gates  
blue: 201559-202534, 11401 profiles averaged  
red: 202534-203508, 11400 profiles averaged

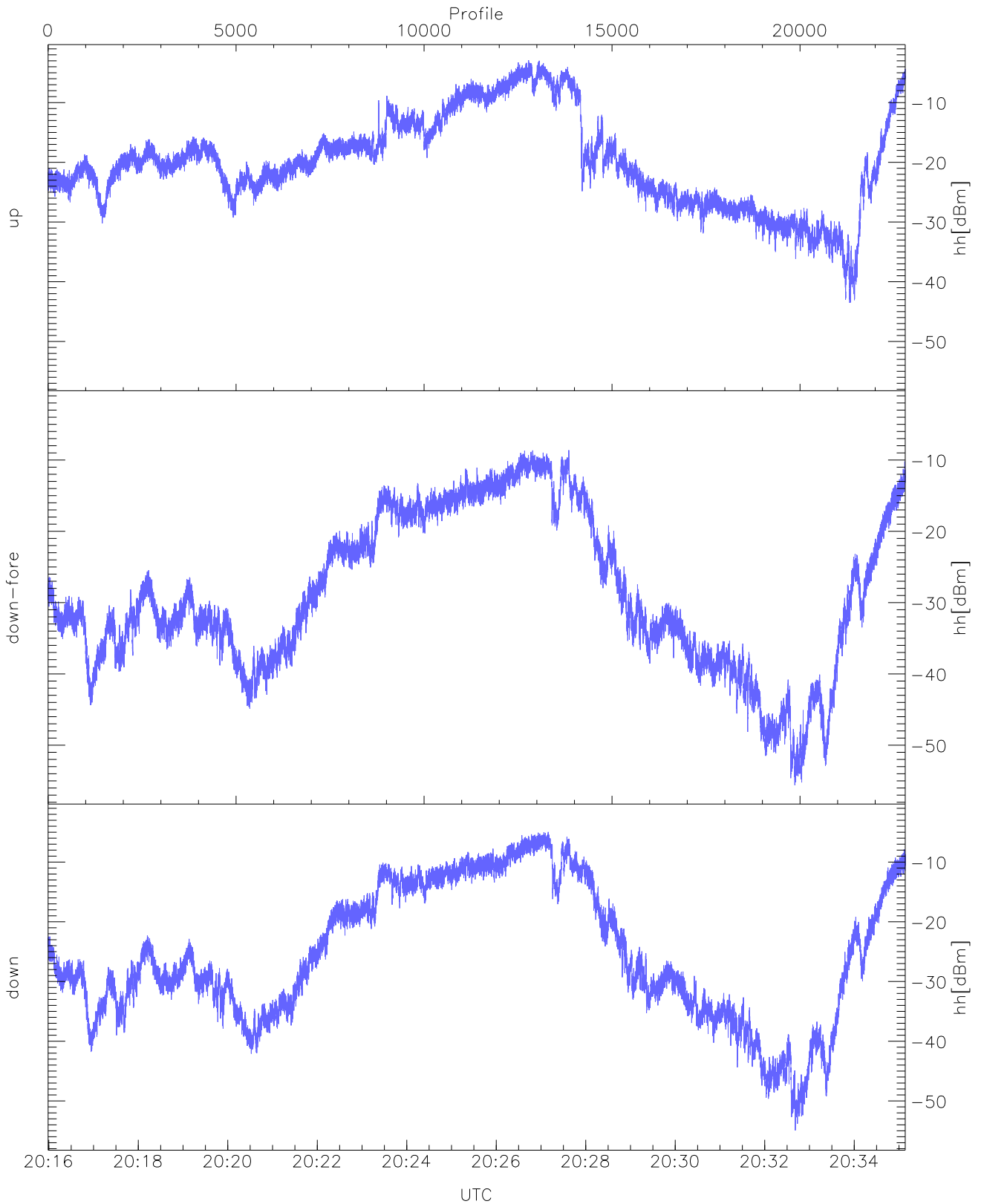




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 201559-202534, 11401 profiles averaged  
red: 202534-203508, 11400 profiles averaged

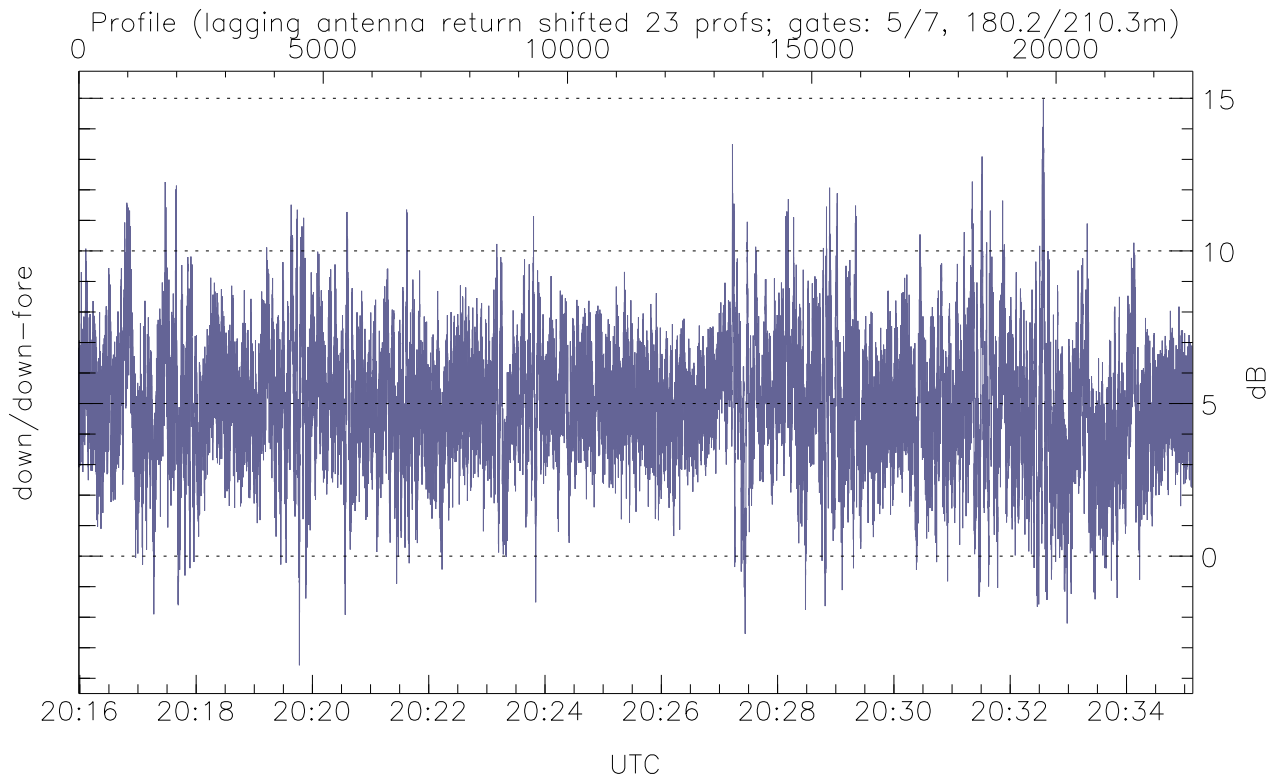
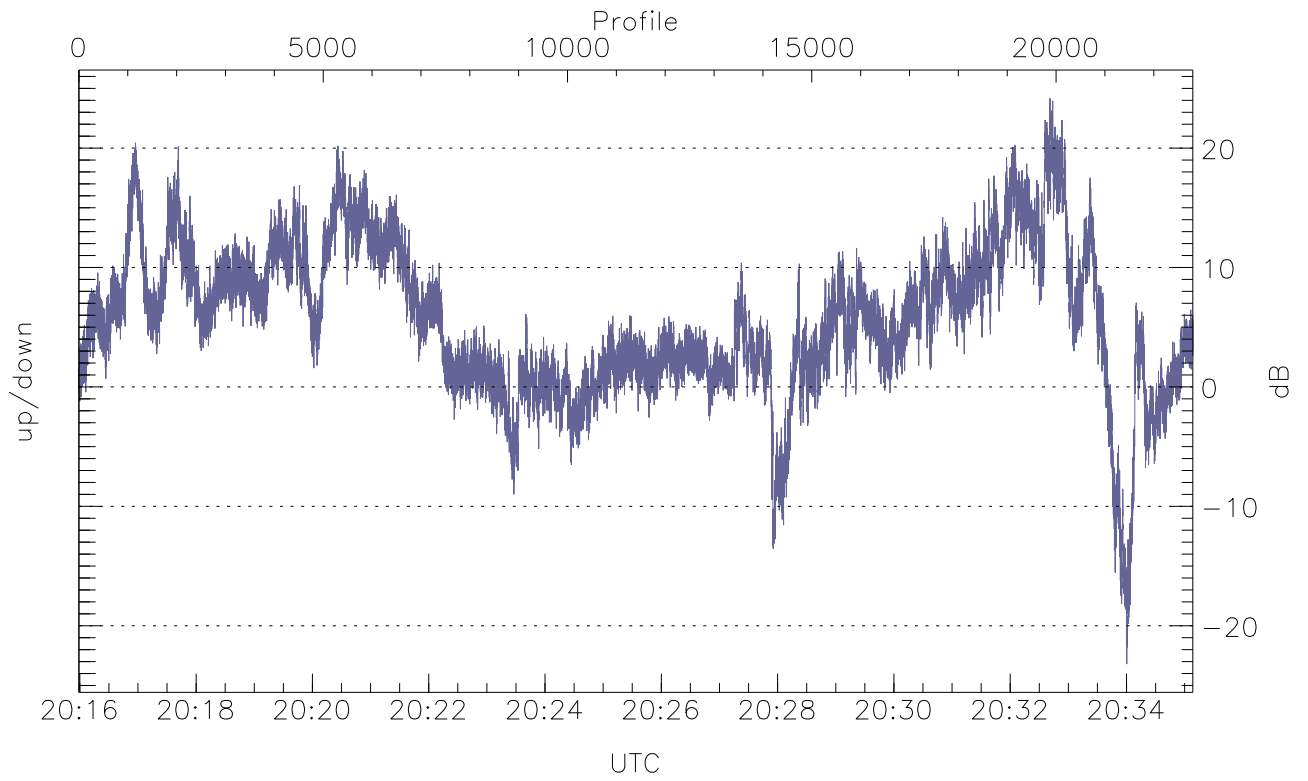


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



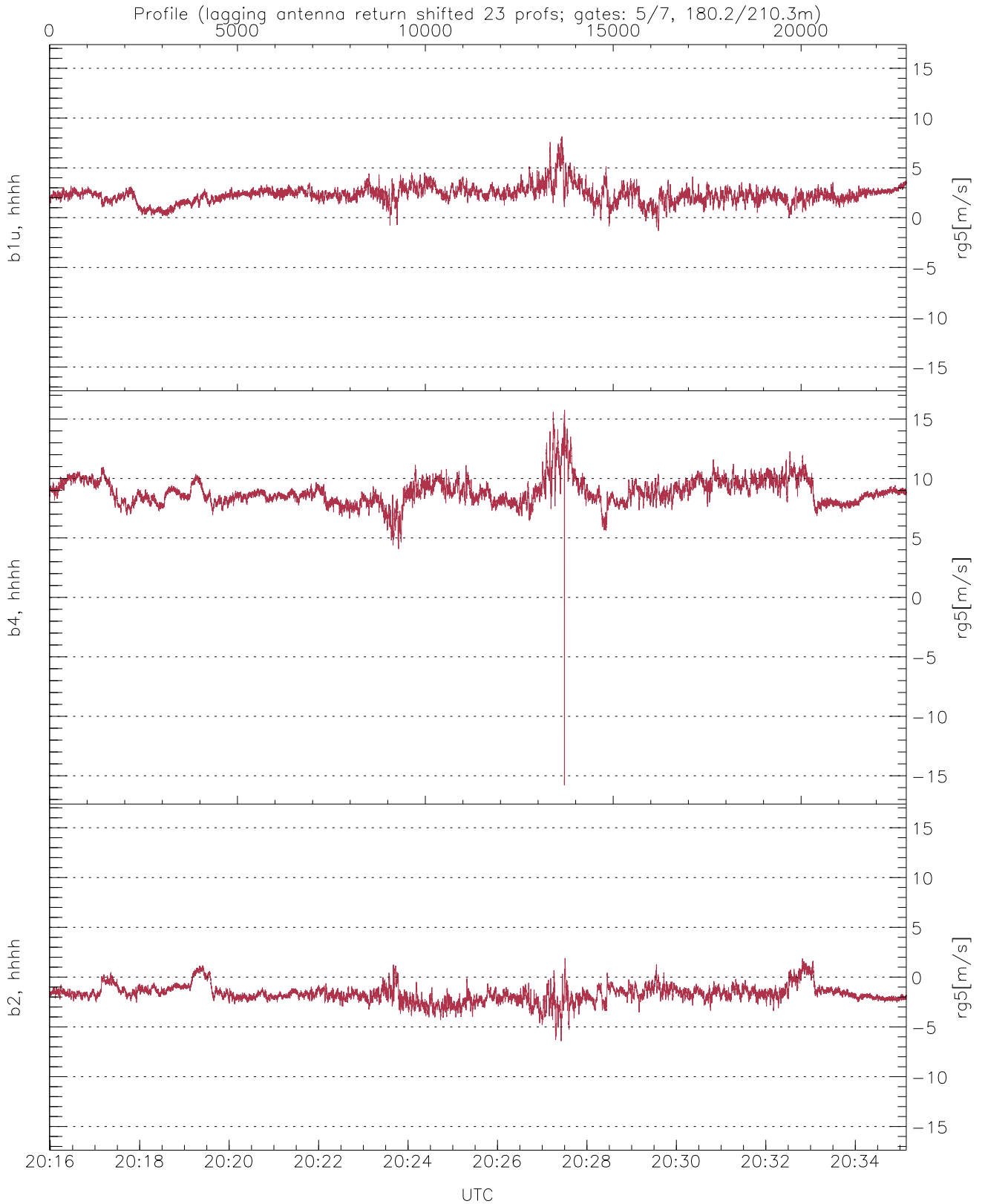
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-43.54	-2.92	-13.63
down-fore(hh[dBm])	-55.62	-8.62	-19.15
down(hh[dBm])	-54.94	-4.95	-15.49



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

	Min	Max	Mean
up/down (dB)	-23.21	24.17	5.58
down/down-fore (dB)	-3.57	14.96	4.96



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.34	8.15	2.30	0.87
b4, hhhh(rg5[m/s])	-15.79	15.75	8.84	1.14
b2, hhhh(rg5[m/s])	-6.42	1.91	-1.68	0.85