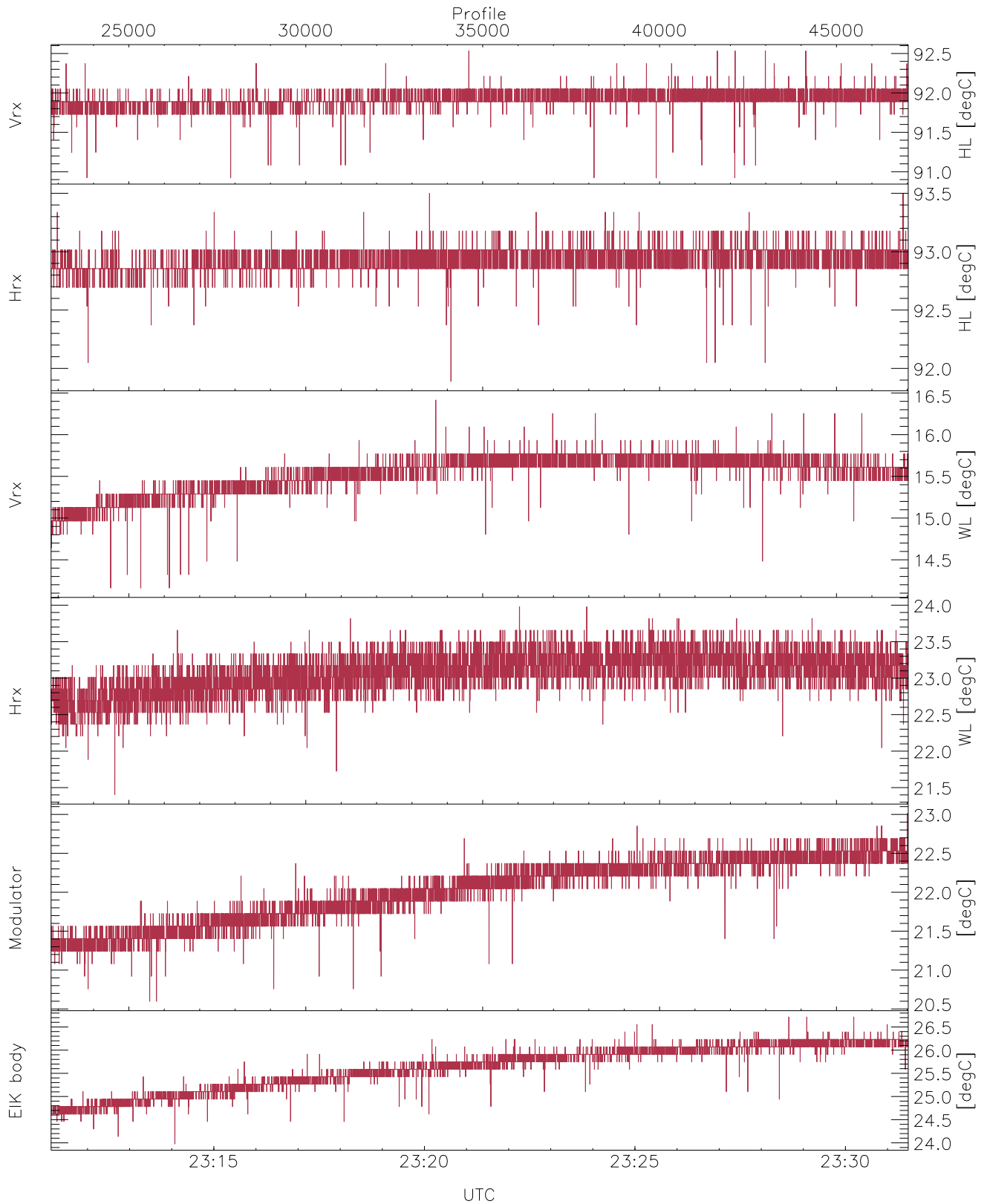


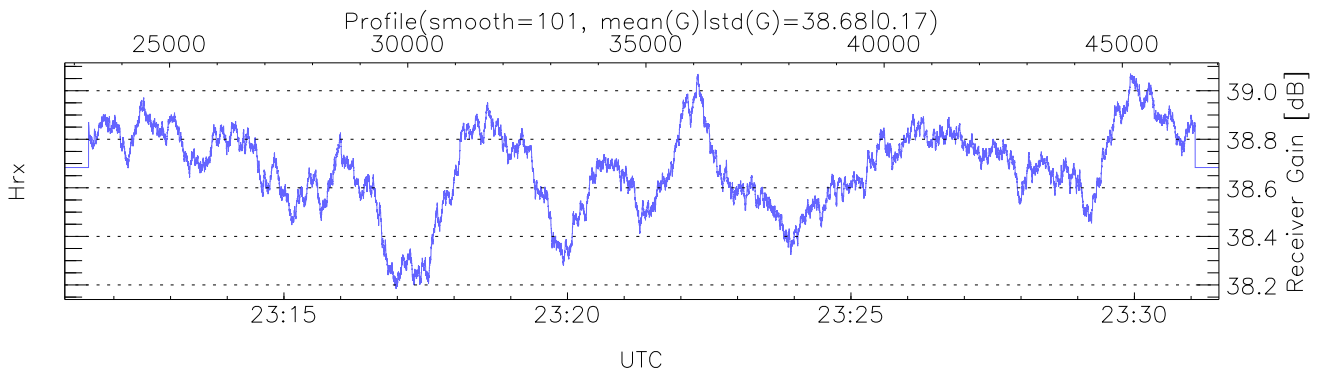
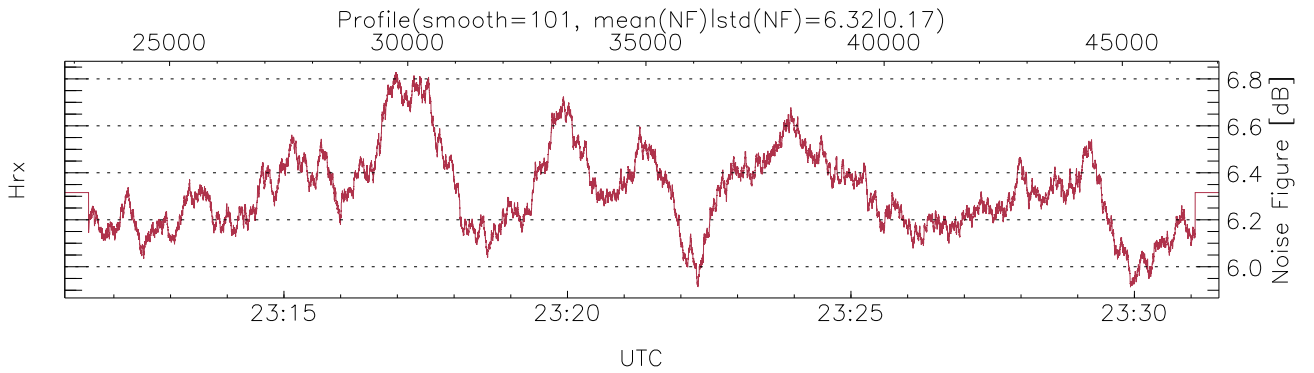
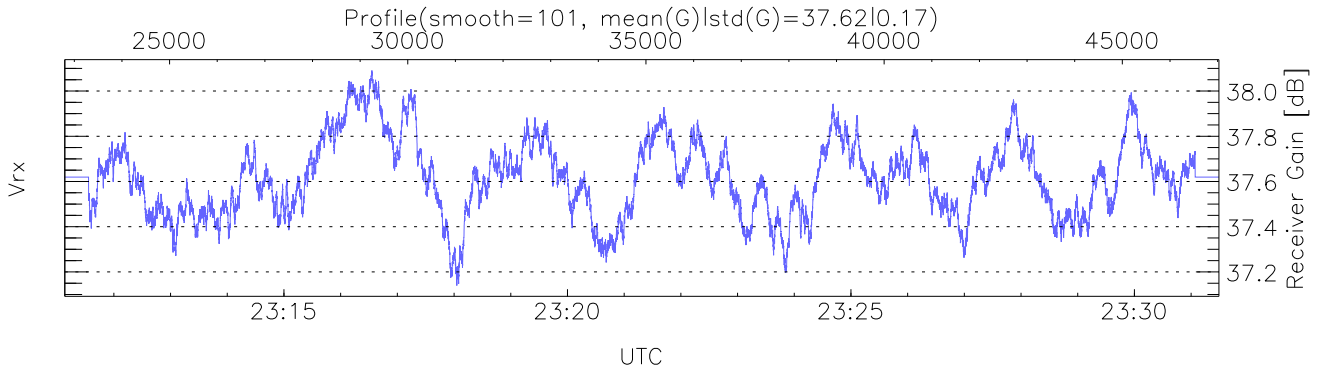
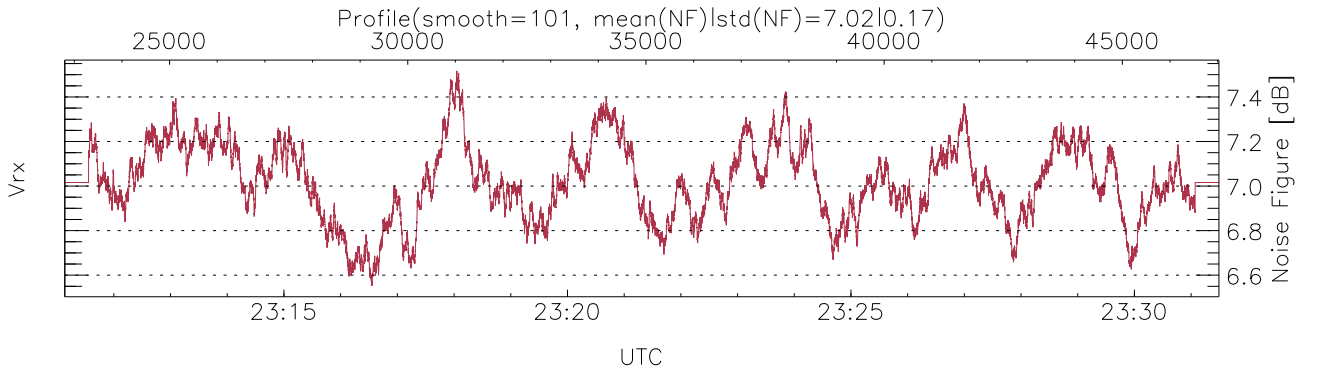
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:51:59-23:31:29, Dur: 2370.80s  
 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): 24229/47029, 22800-47028/23:11:08-23:31:29  
 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



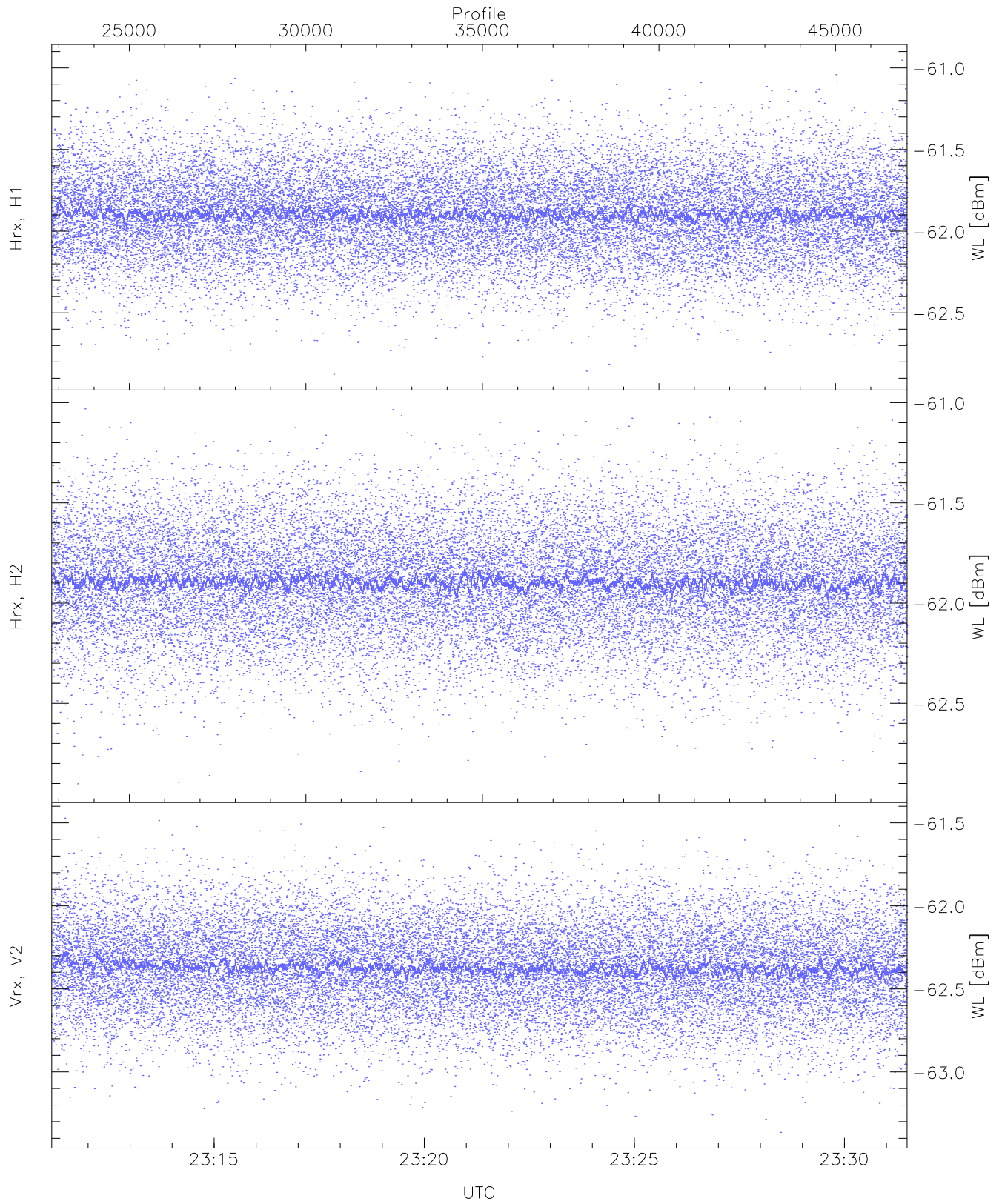
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,20,23`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,23,26`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,21)`



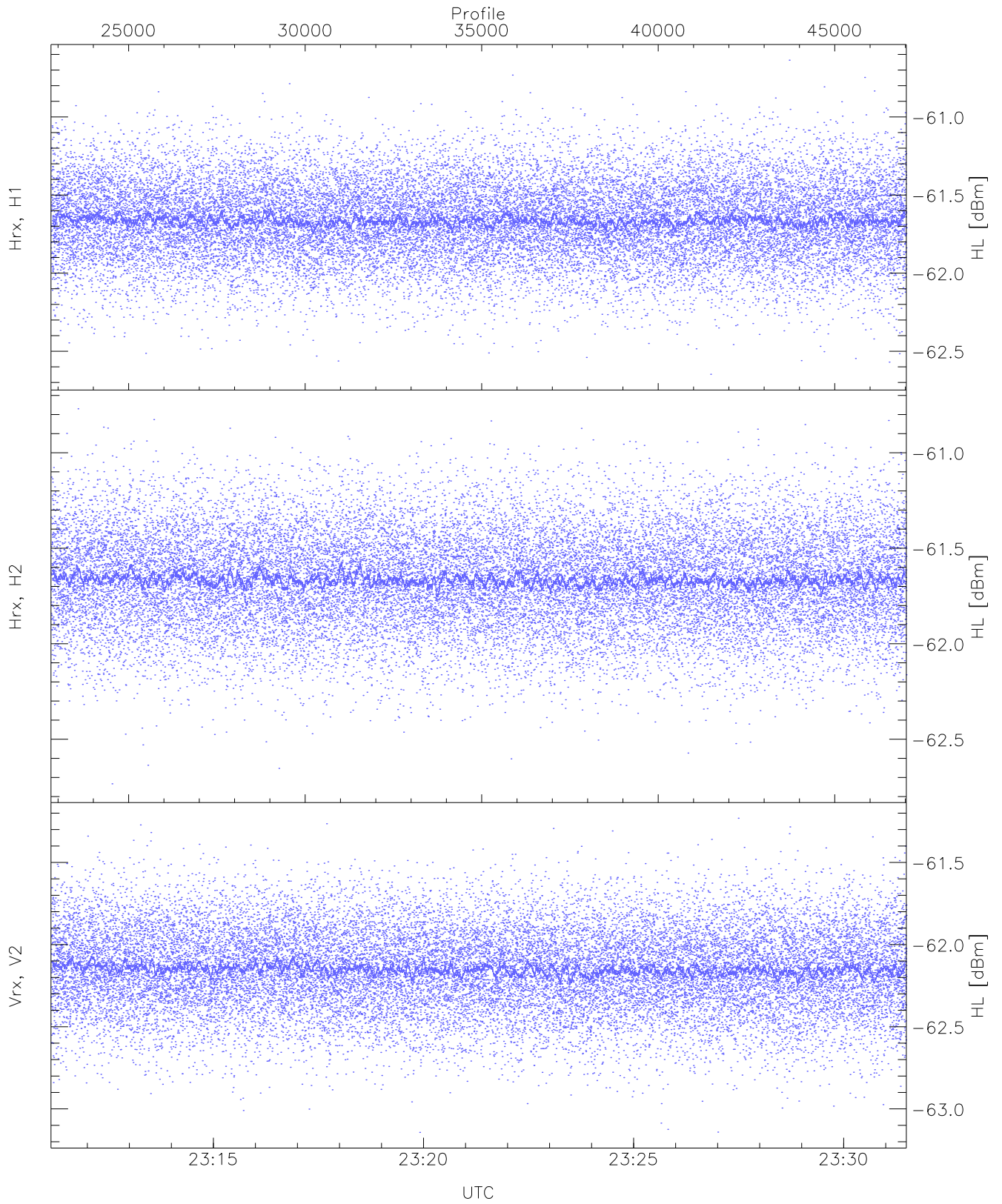
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1232 pixs, 5 gates, 1232 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

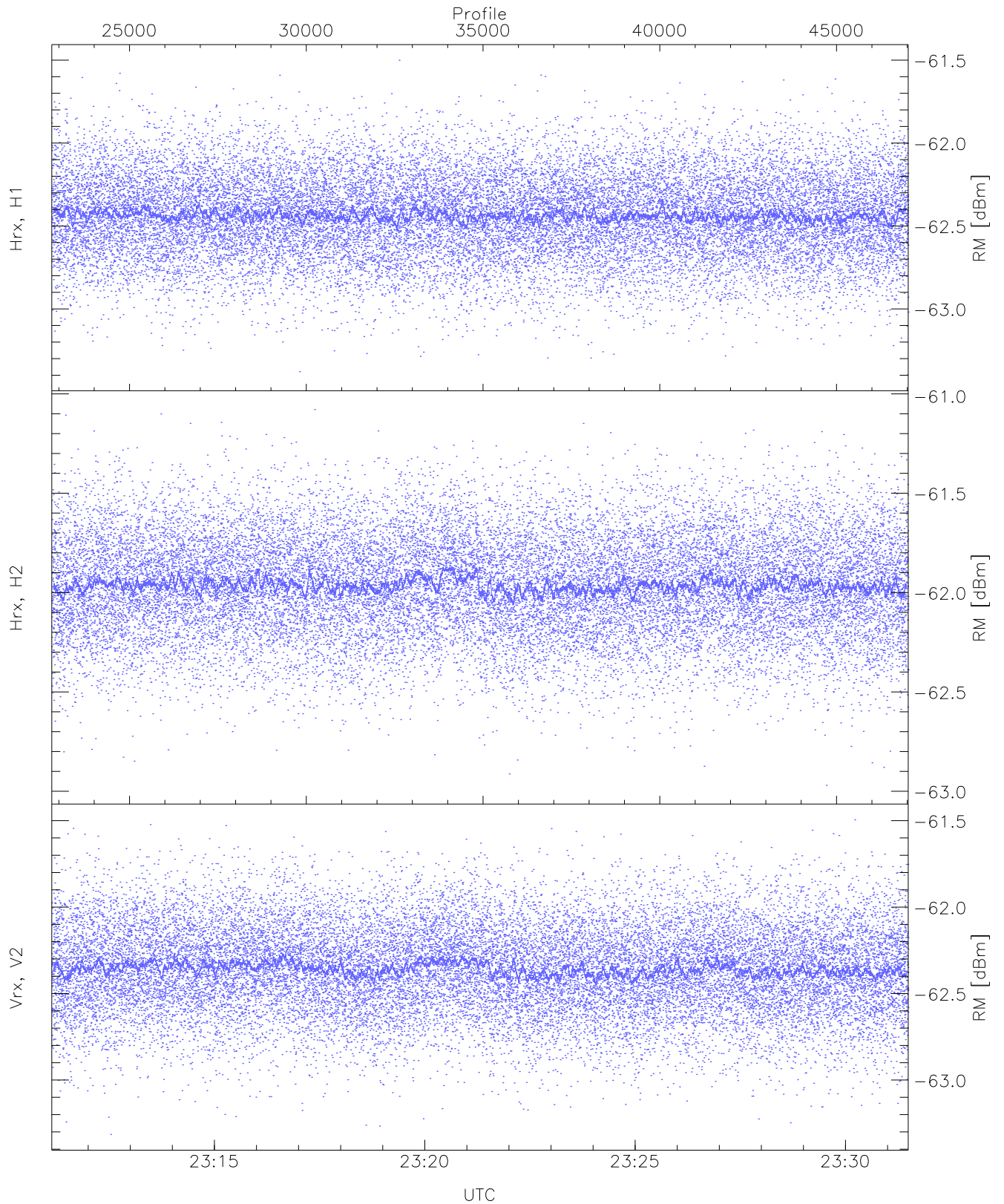
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.88	-60.95	-61.90	-61.90	-74.44
Hrx, H2 (WL [dBm])	-62.90	-61.03	-61.89	-61.90	-74.45
Vrx, V2 (WL [dBm])	-63.36	-61.47	-62.37	-62.38	-74.92



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

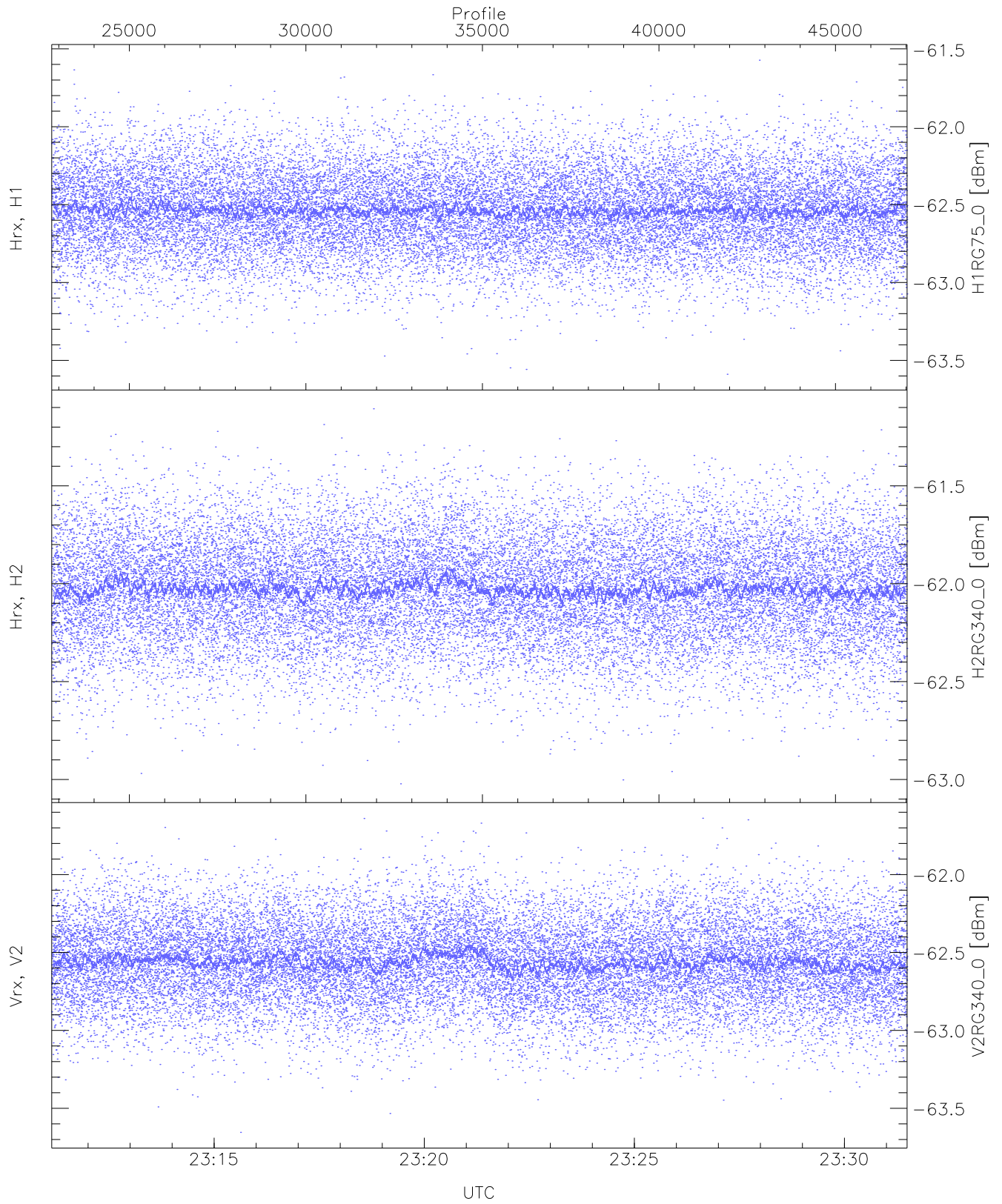
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.65	-60.64	-61.66	-61.67	-74.23
Hrx, H2 (HL [dBm])	-62.73	-60.77	-61.66	-61.67	-74.24
Vrx, V2 (HL [dBm])	-63.14	-61.23	-62.15	-62.15	-74.70





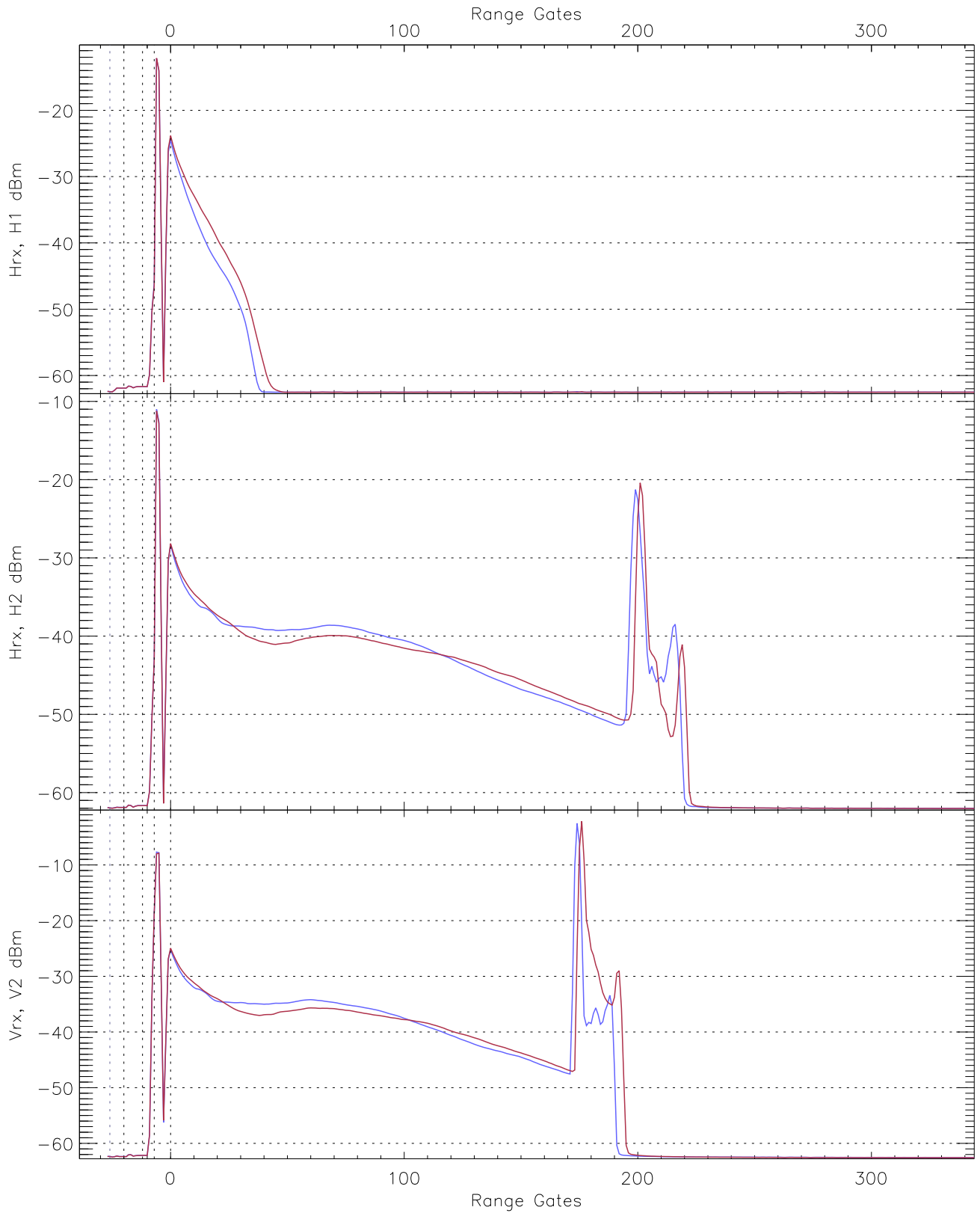
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.40	-61.50	-62.43	-62.44	-74.99
Hrx, H2 (RM [dBm])	-62.97	-61.08	-61.96	-61.97	-74.53
Vrx, V2 (RM [dBm])	-63.31	-61.49	-62.35	-62.36	-74.88



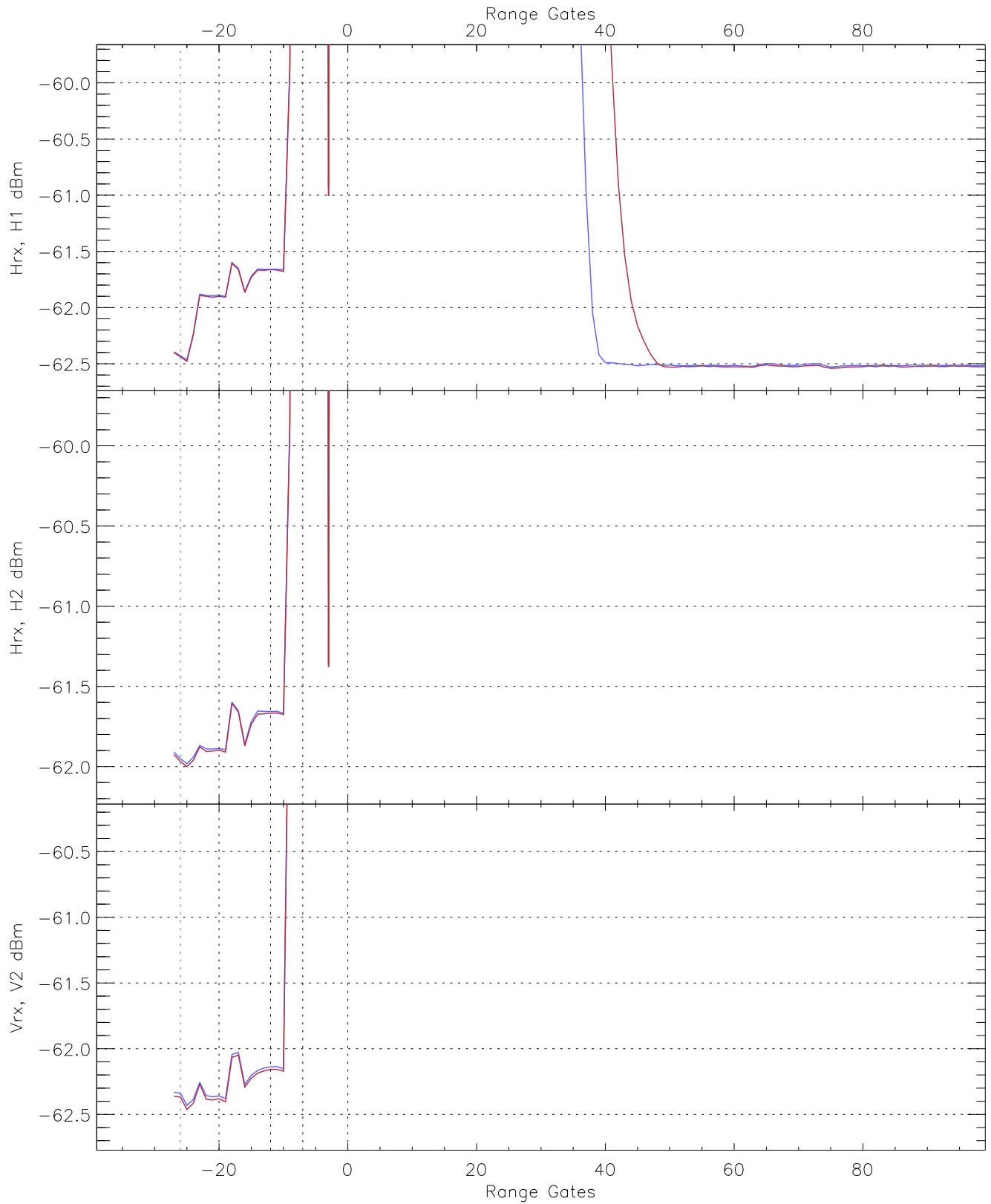
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.59	-61.57	-62.53	-62.54	-75.08
H2RG340_0 [dBm]	-63.02	-61.11	-62.02	-62.03	-74.56
V2RG340_0 [dBm]	-63.65	-61.64	-62.56	-62.56	-75.07

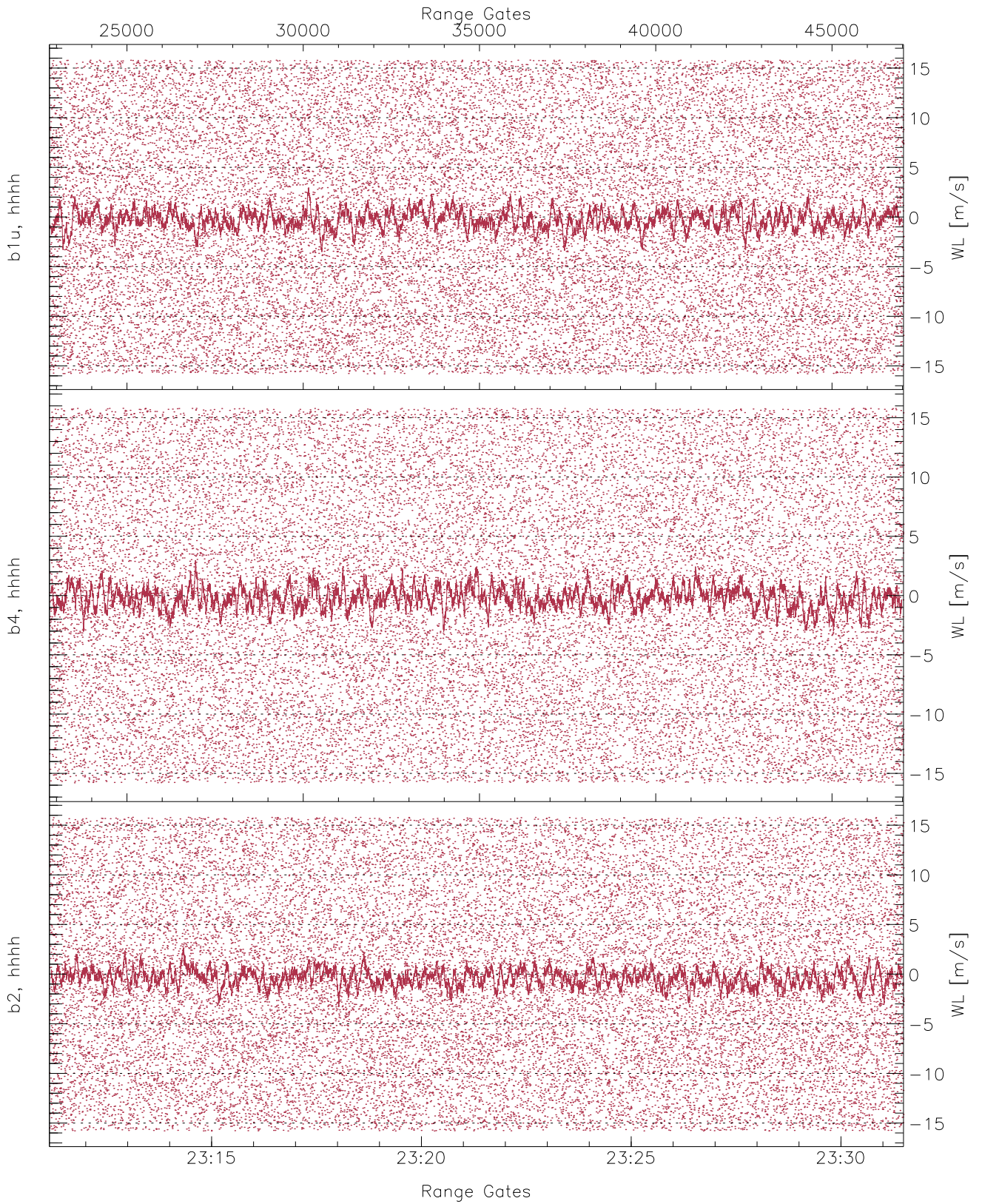


WCR2 CPP Averaged Received power for all recorded gates  
blue: 231108-232119, 12115 profiles averaged  
red: 232119-233129, 12115 profiles averaged

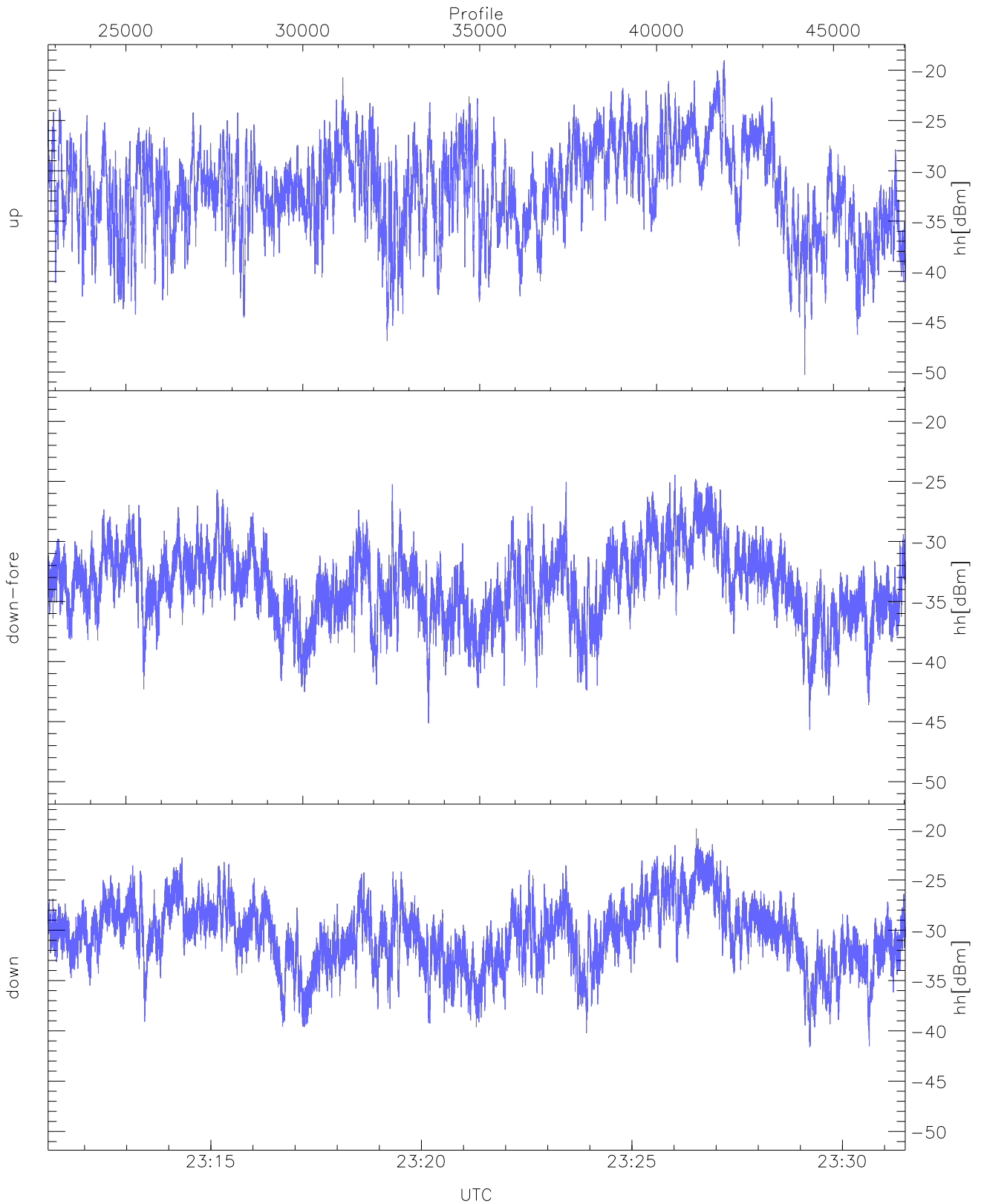




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 231108-232119, 12115 profiles averaged  
red: 232119-233129, 12115 profiles averaged

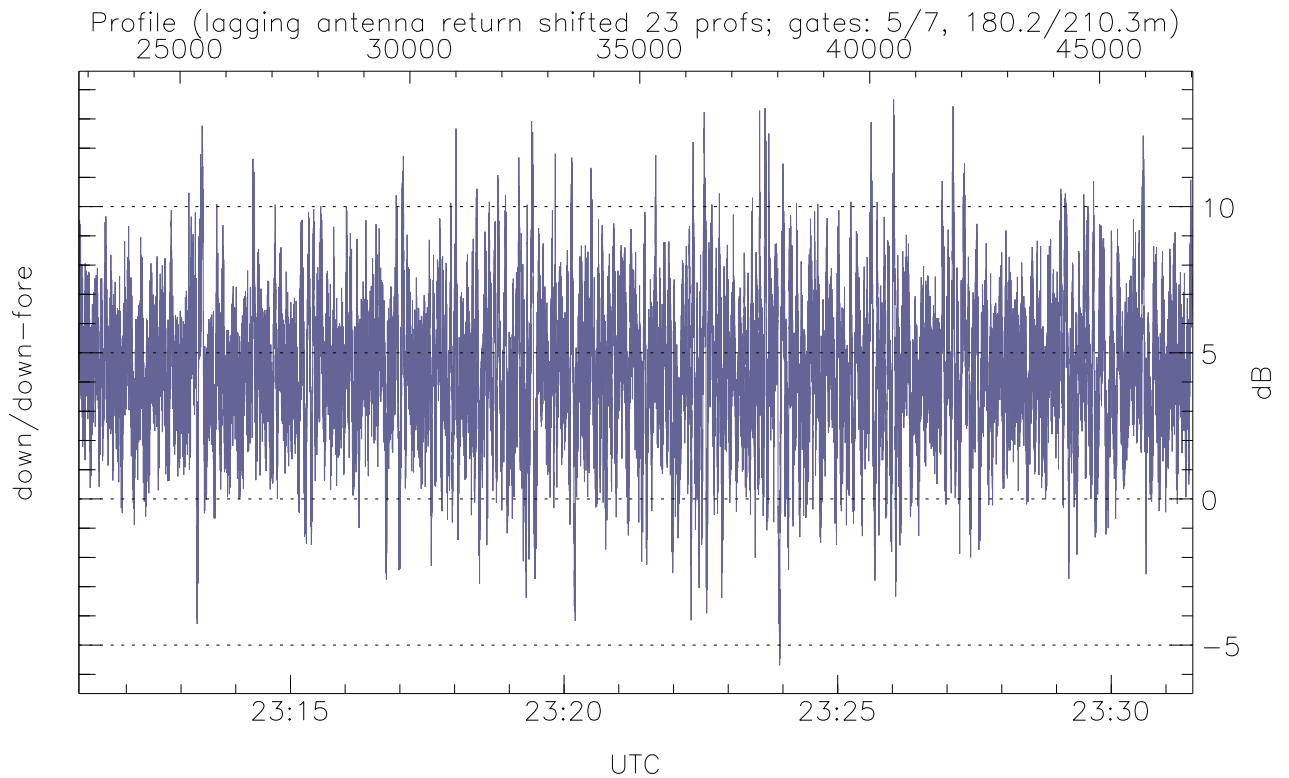
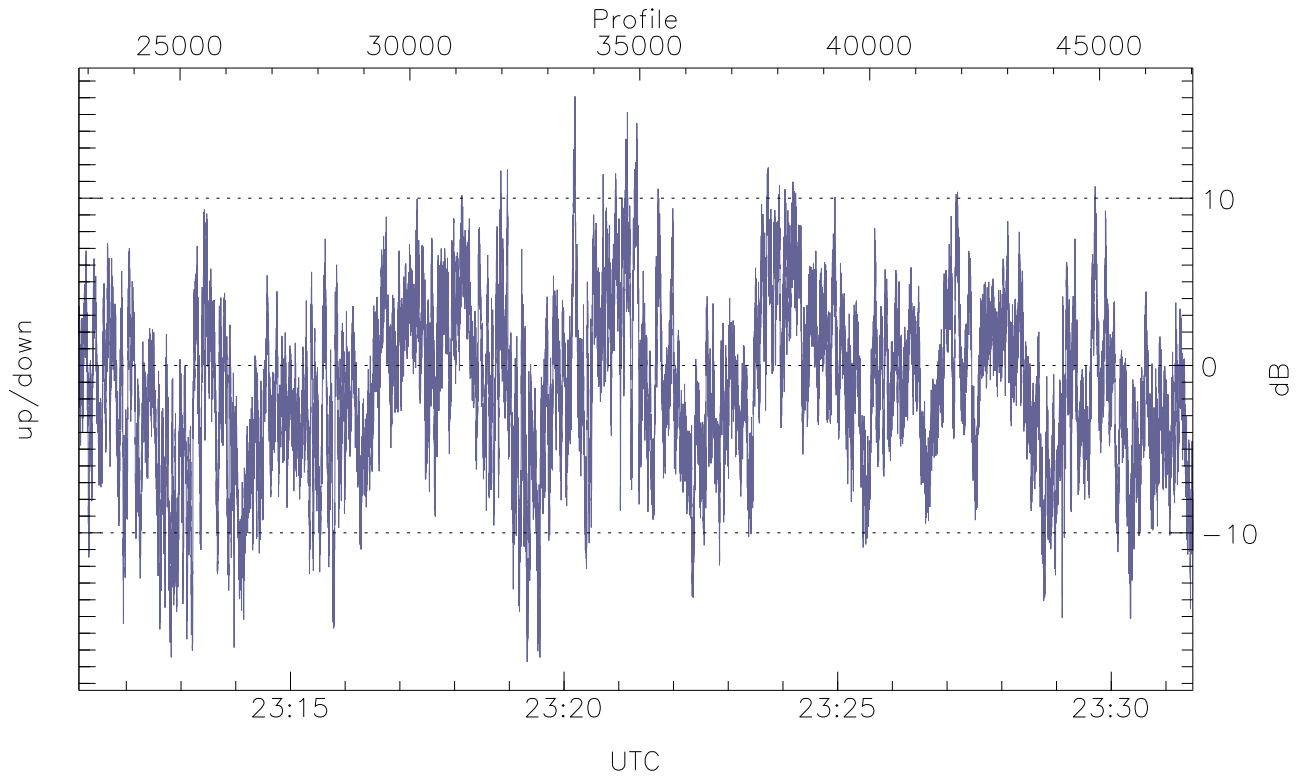


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



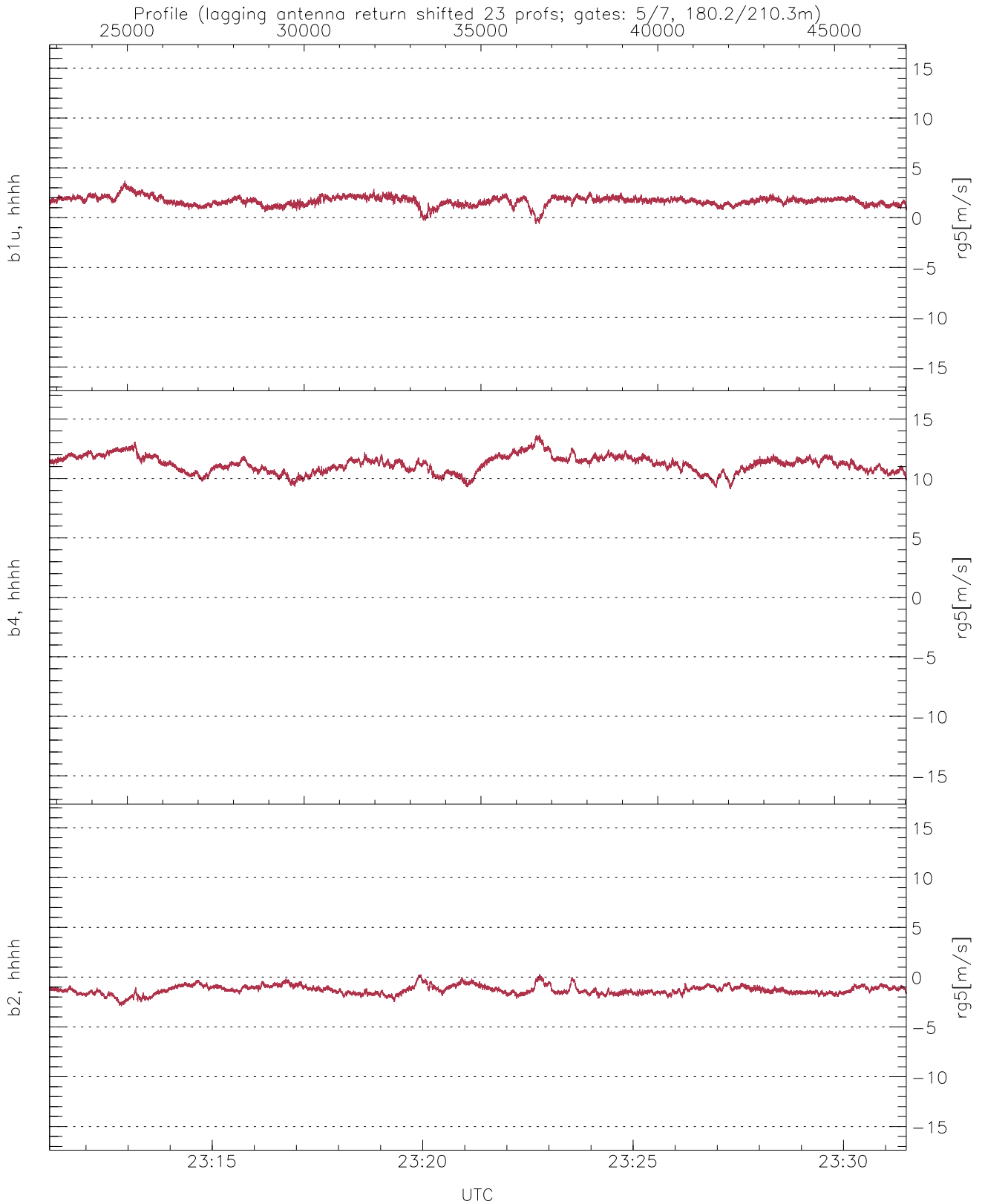
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-50.30	-19.02	-29.84
down-fore(hh[dBm])	-45.69	-24.45	-32.66
down(hh[dBm])	-41.60	-19.88	-29.37



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

	Min	Max	Mean
up/down (dB)	-17.72	16.09	-1.37
down/down-fore (dB)	-5.69	13.66	4.37



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.66	3.70	1.67	0.47
b4, hhhh(rg5[m/s])	9.12	13.68	11.21	0.73
b2, hhhh(rg5[m/s])	-2.92	0.30	-1.29	0.44