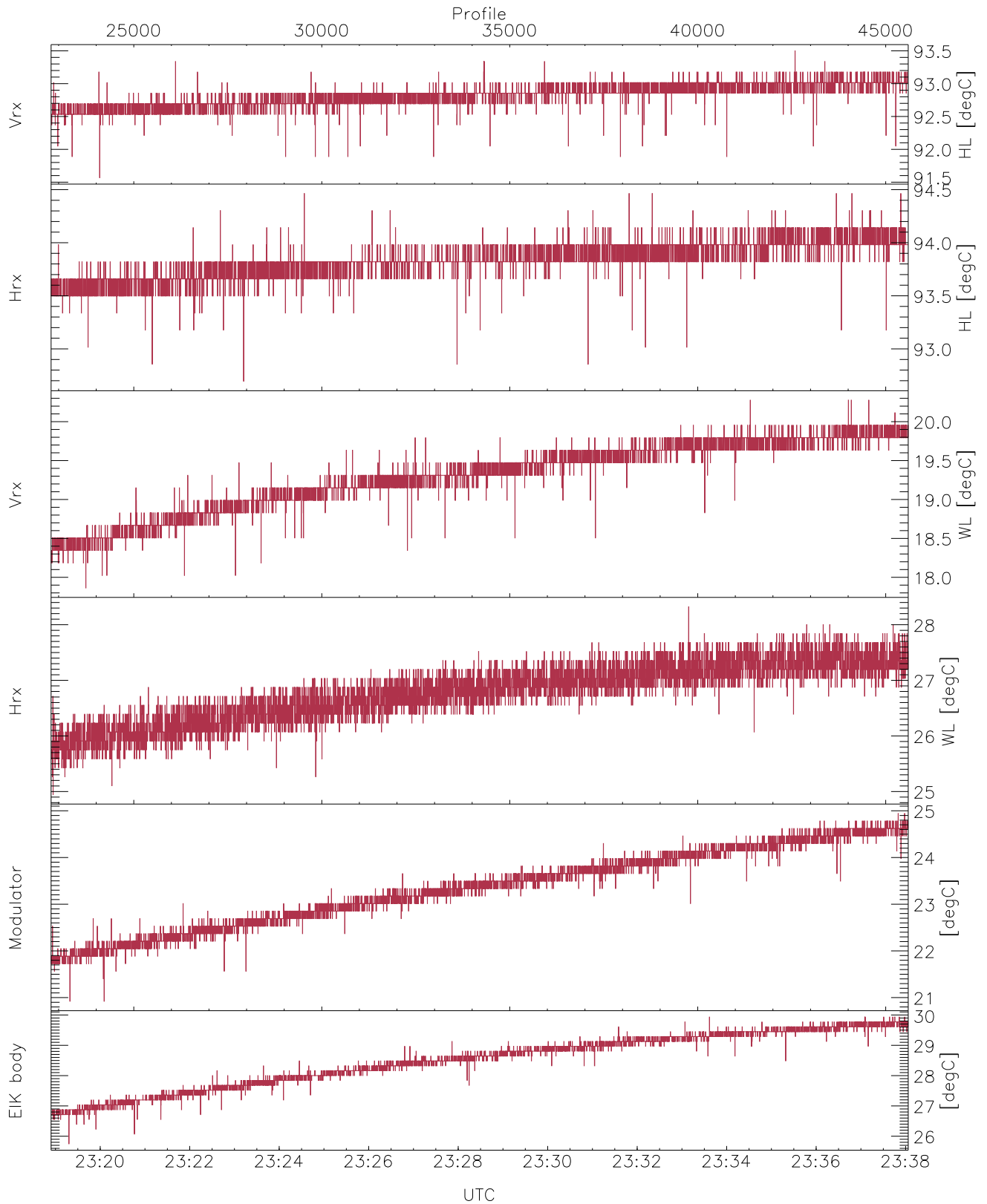


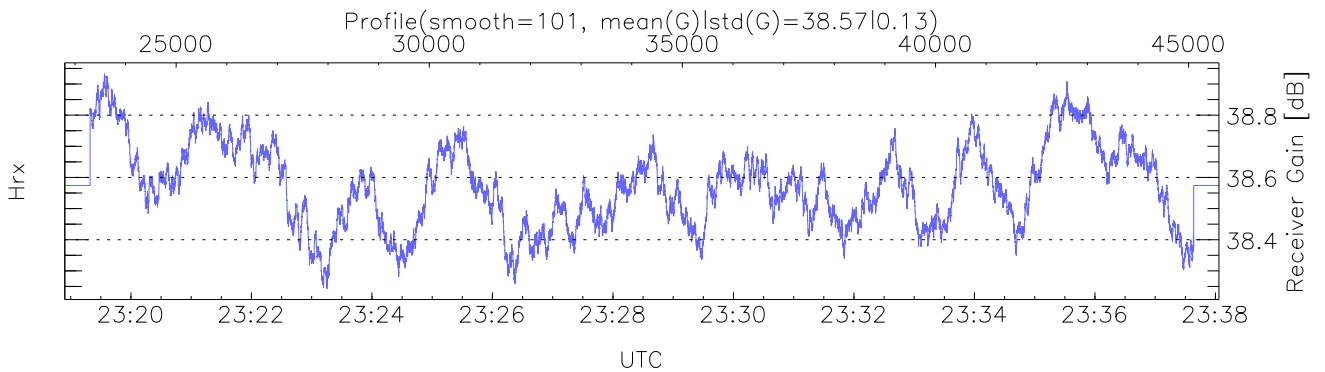
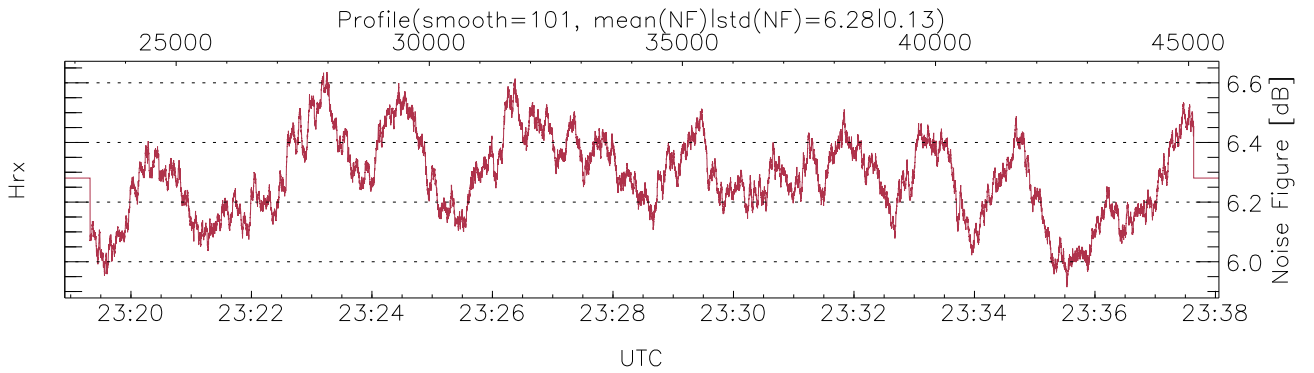
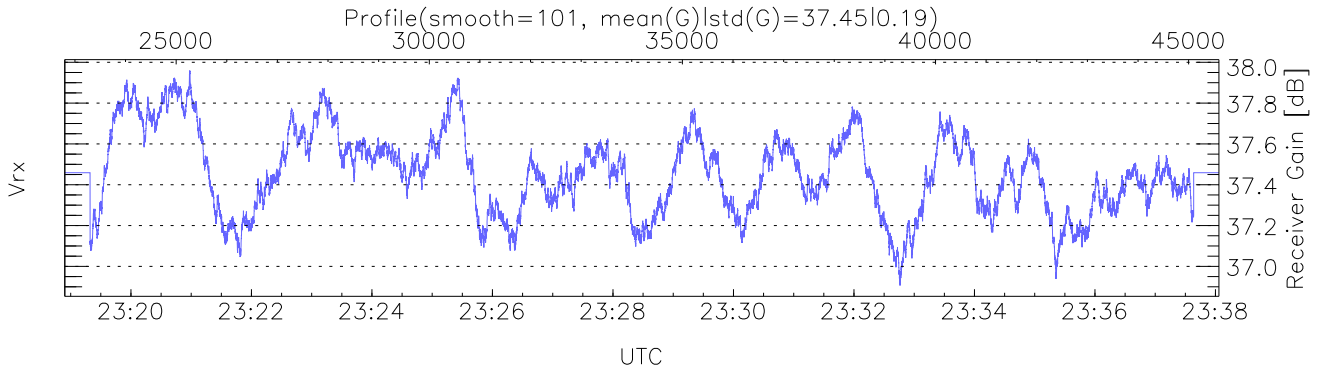
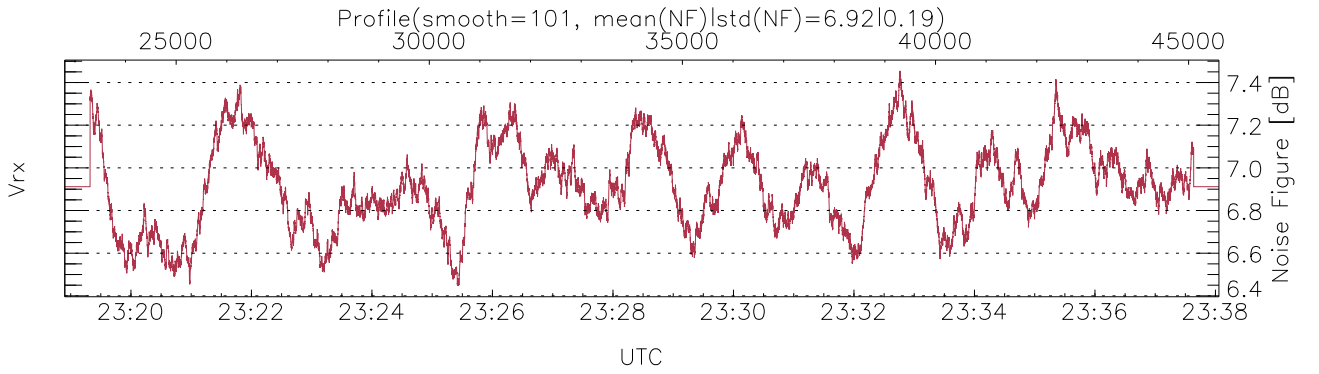
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:59:45-23:48:06, Dur: 2901.35s  
 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): 22800/57553, 22800-45599/23:18:54-23:38:03  
 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



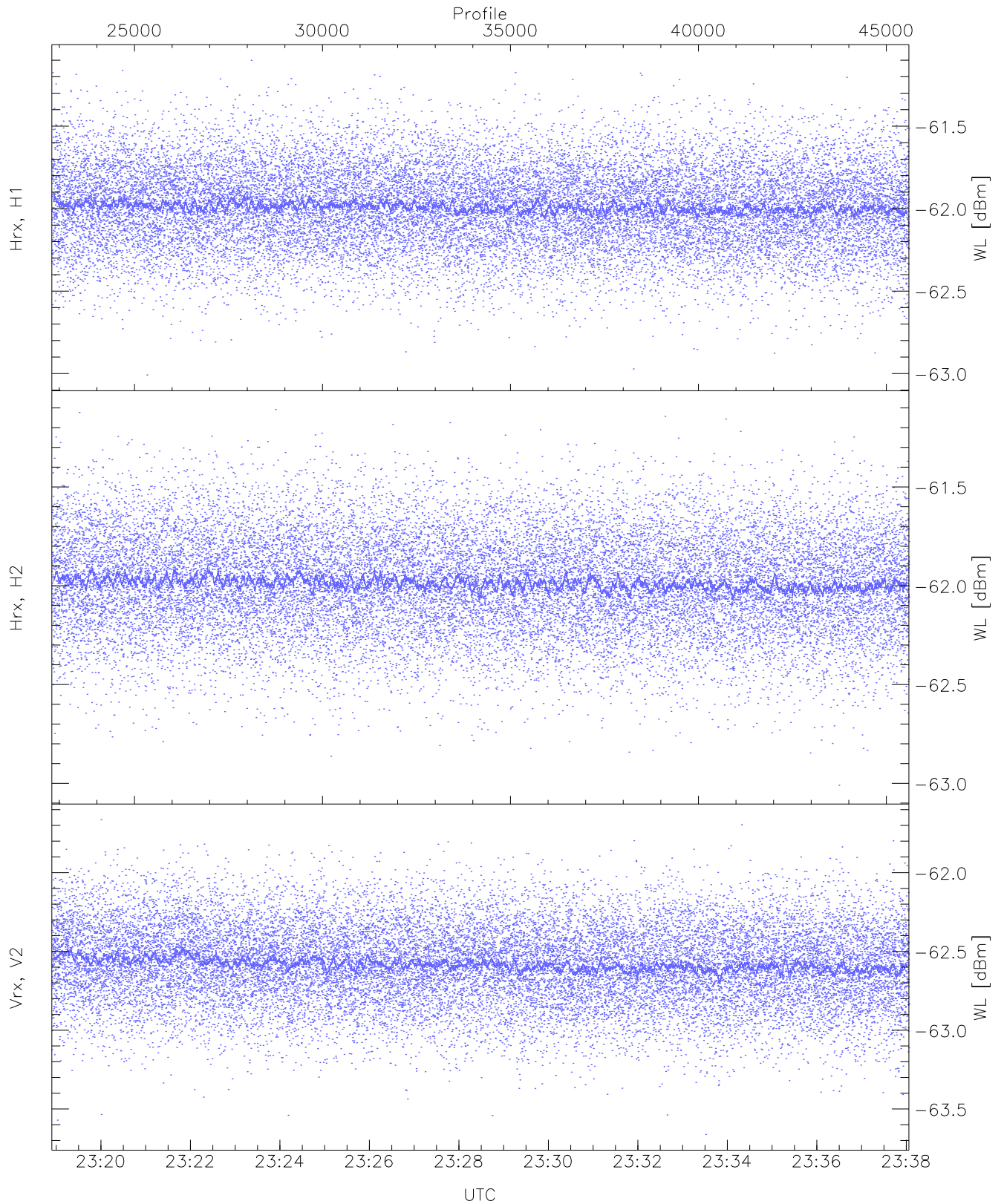
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,20,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,28,24,29`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (21,21,21,21,21,26)`



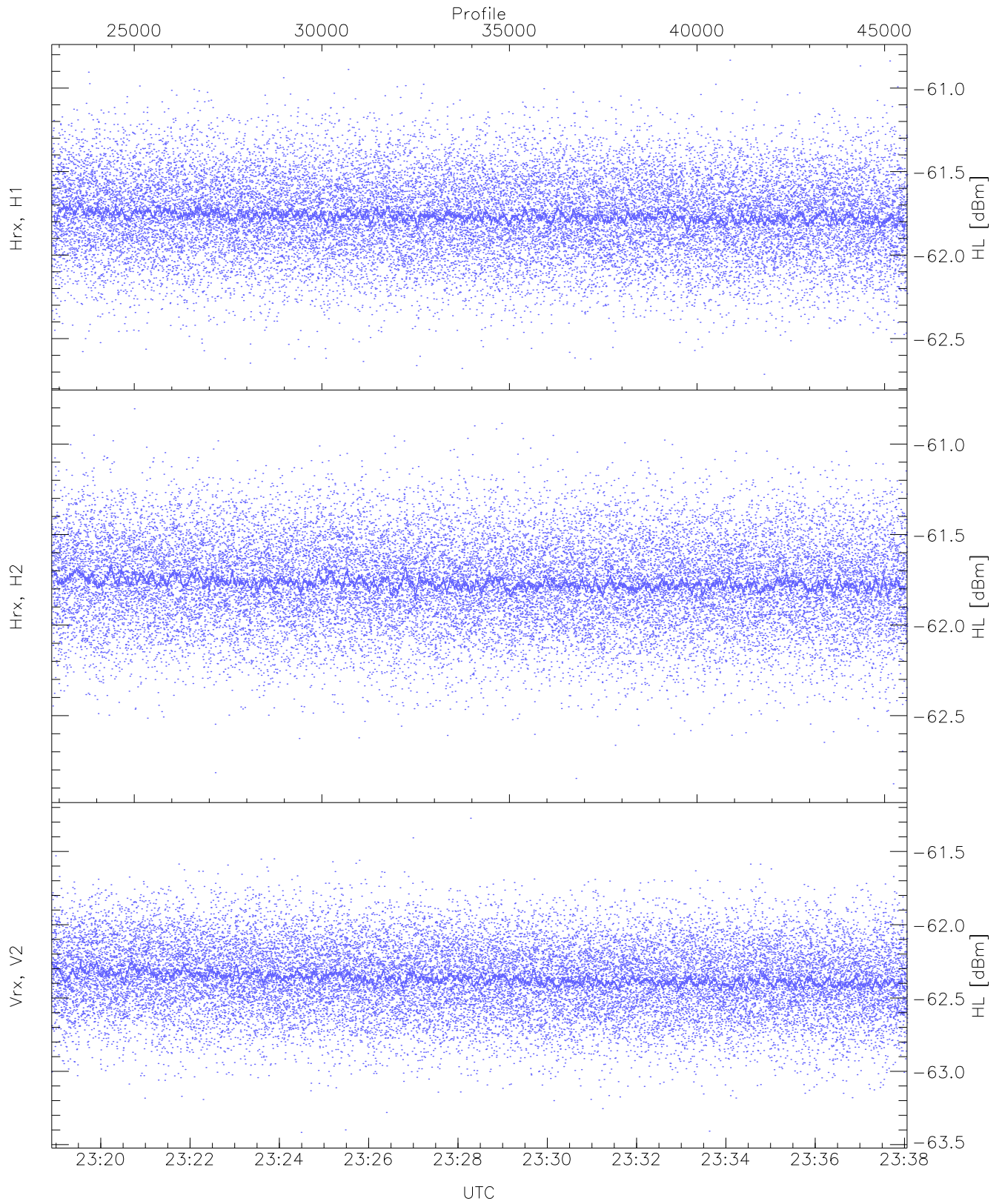
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2060 pixs, 4 gates, 2058 profs, 1 prods



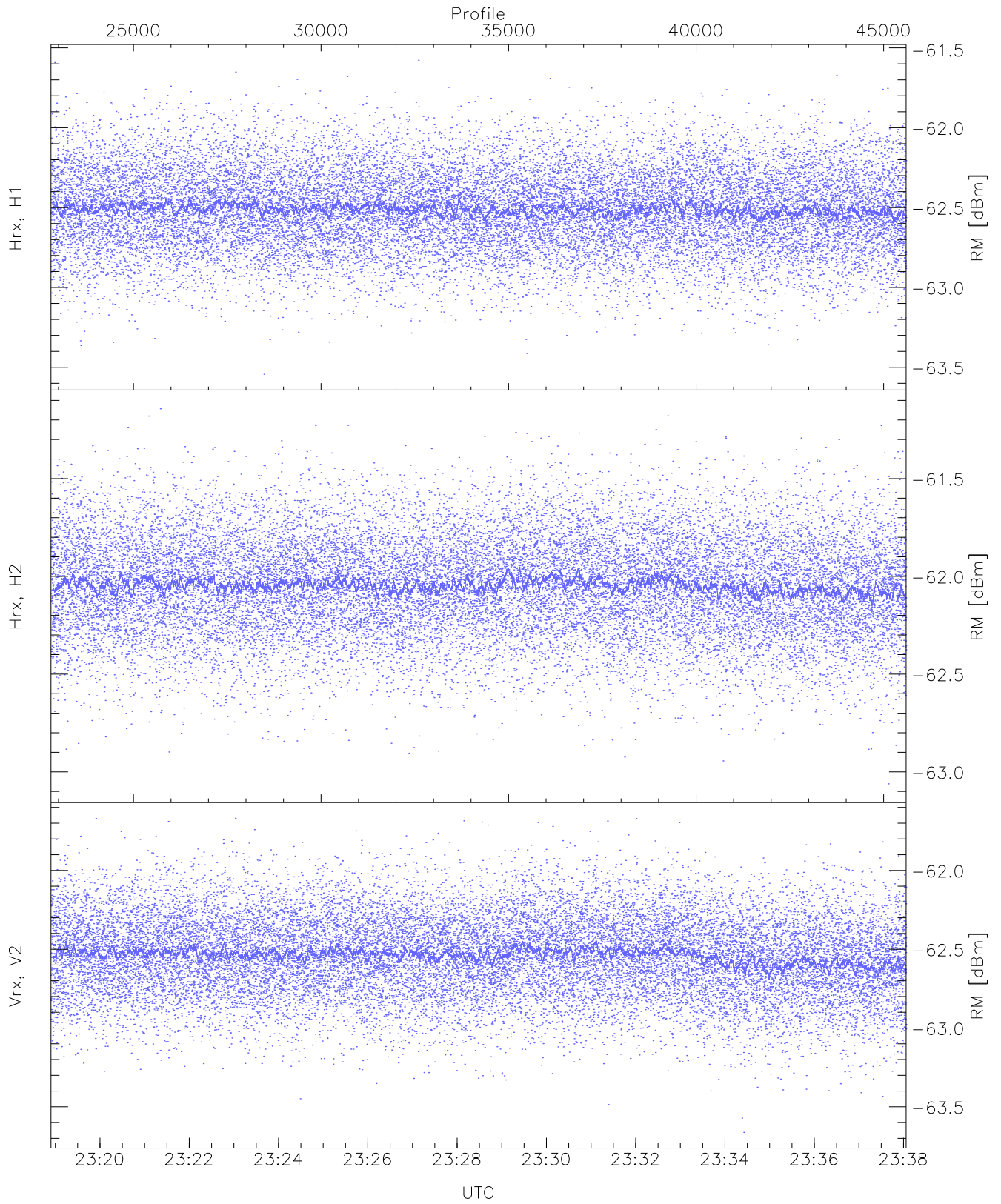
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.01	-61.10	-61.99	-61.99	-74.57
Hrx, H2 (WL [dBm])	-63.01	-61.11	-61.98	-61.99	-74.57
Vrx, V2 (WL [dBm])	-63.66	-61.66	-62.58	-62.58	-75.09



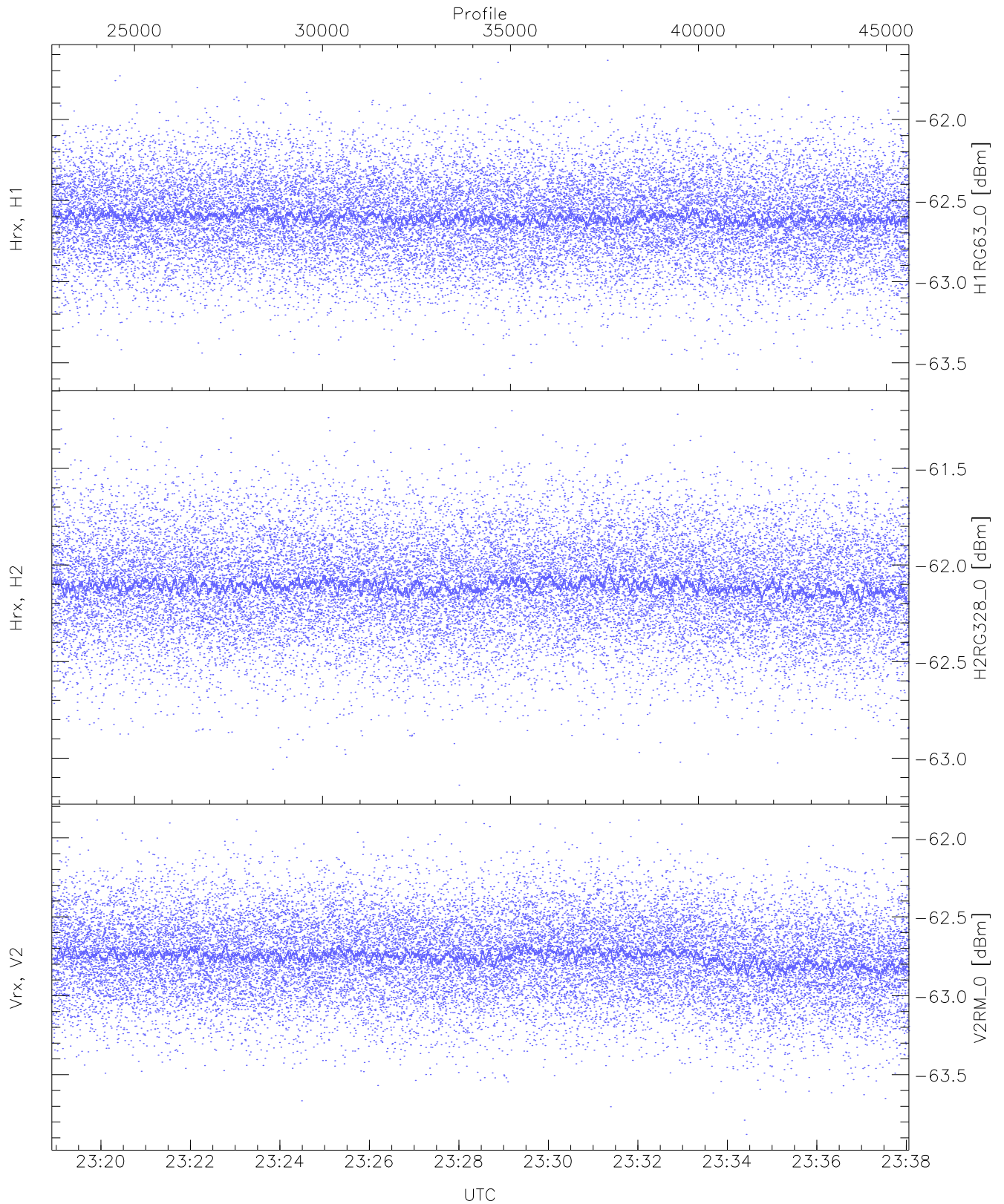
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.71	-60.83	-61.76	-61.77	-74.34
Hrx, H2 (HL [dBm])	-62.88	-60.80	-61.76	-61.77	-74.32
Vrx, V2 (HL [dBm])	-63.42	-61.27	-62.36	-62.37	-74.89



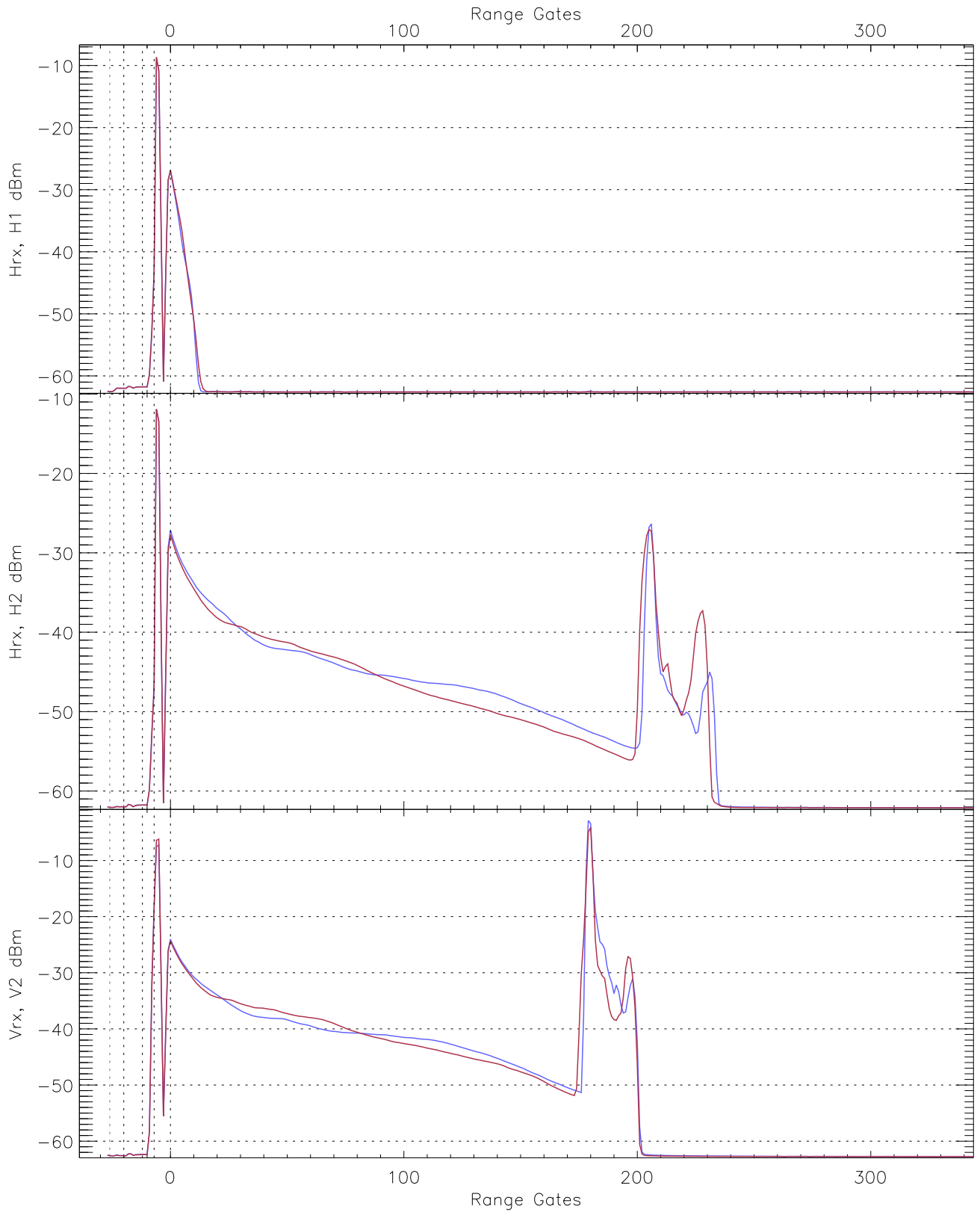
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.54	-61.58	-62.51	-62.51	-75.06
Hrx, H2 (RM [dBm])	-63.06	-61.14	-62.04	-62.05	-74.63
Vrx, V2 (RM [dBm])	-63.66	-61.67	-62.54	-62.54	-75.04



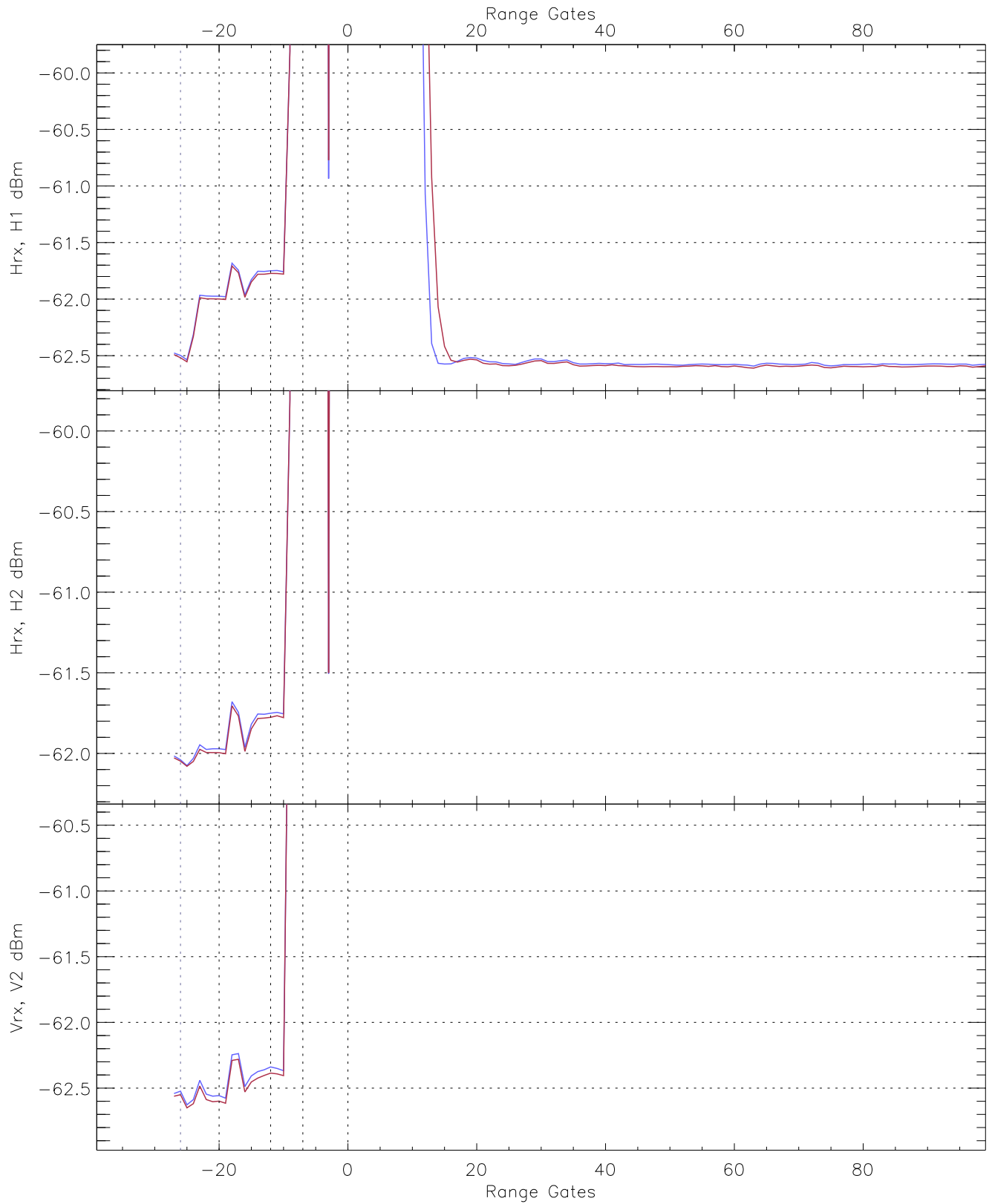
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG63_0 [dBm]	-63.58	-61.64	-62.60	-62.60	-75.15
H2RG328_0 [dBm]	-63.14	-61.20	-62.11	-62.11	-74.66
V2RM_0 [dBm]	-63.88	-61.89	-62.75	-62.76	-75.25

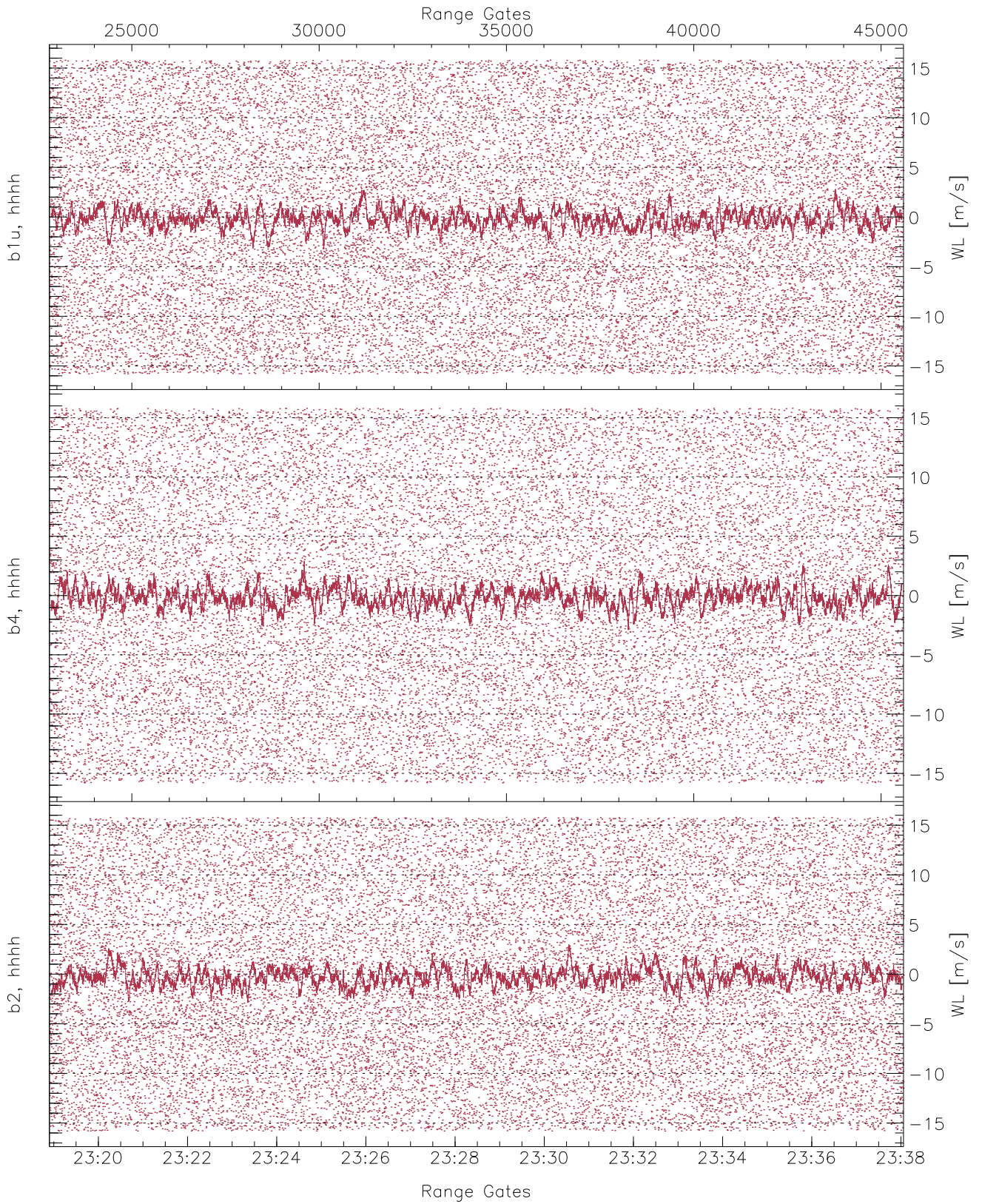


WCR2 CPP Averaged Received power for all recorded gates  
blue: 231854-232829, 11401 profiles averaged  
red: 232829-233803, 11400 profiles averaged

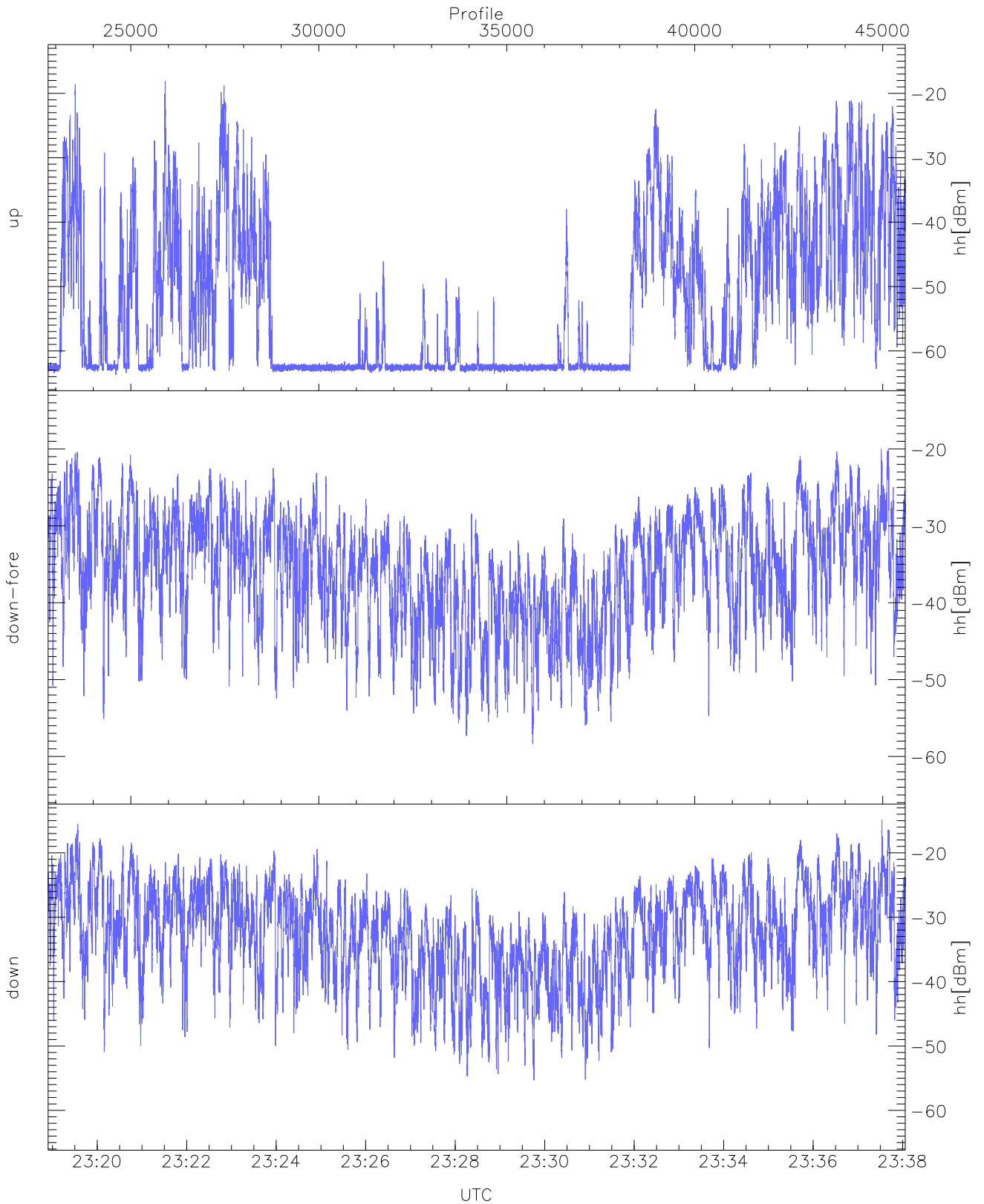




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 231854-232829, 11401 profiles averaged  
red: 232829-233803, 11400 profiles averaged

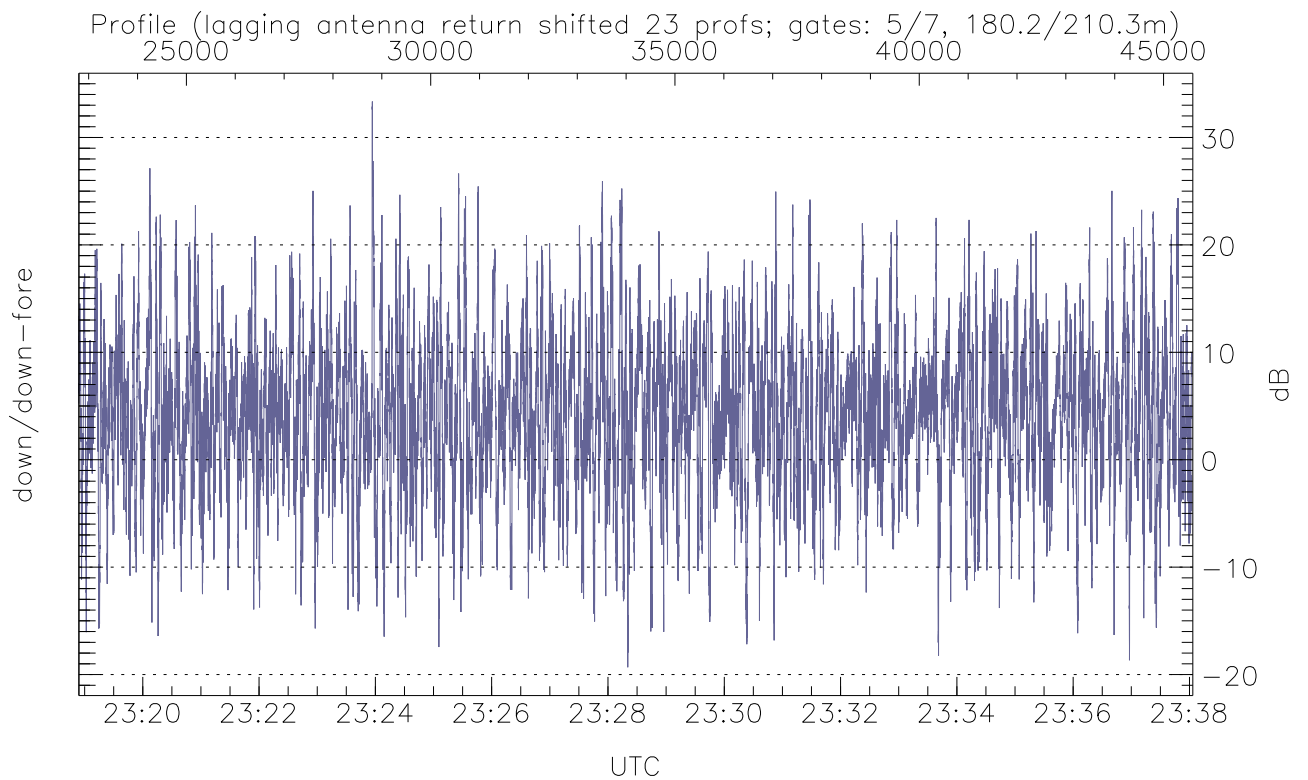
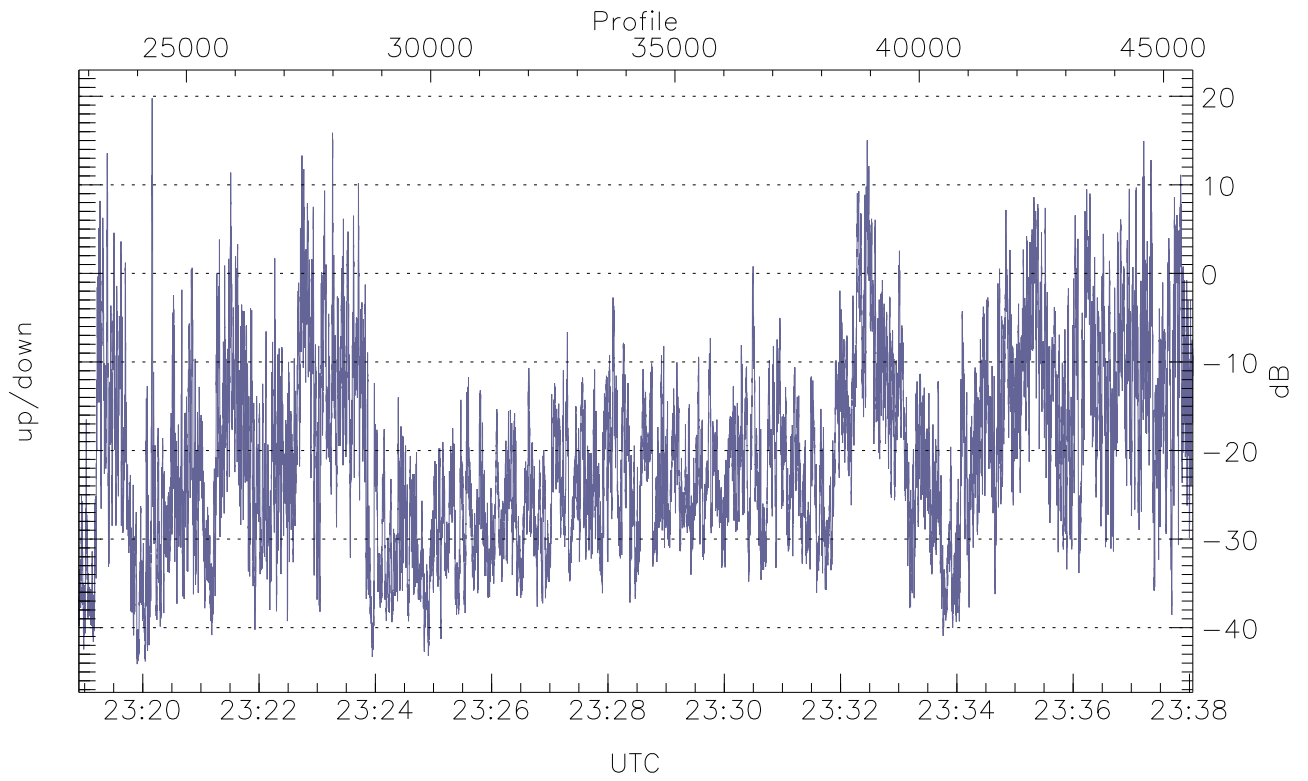


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



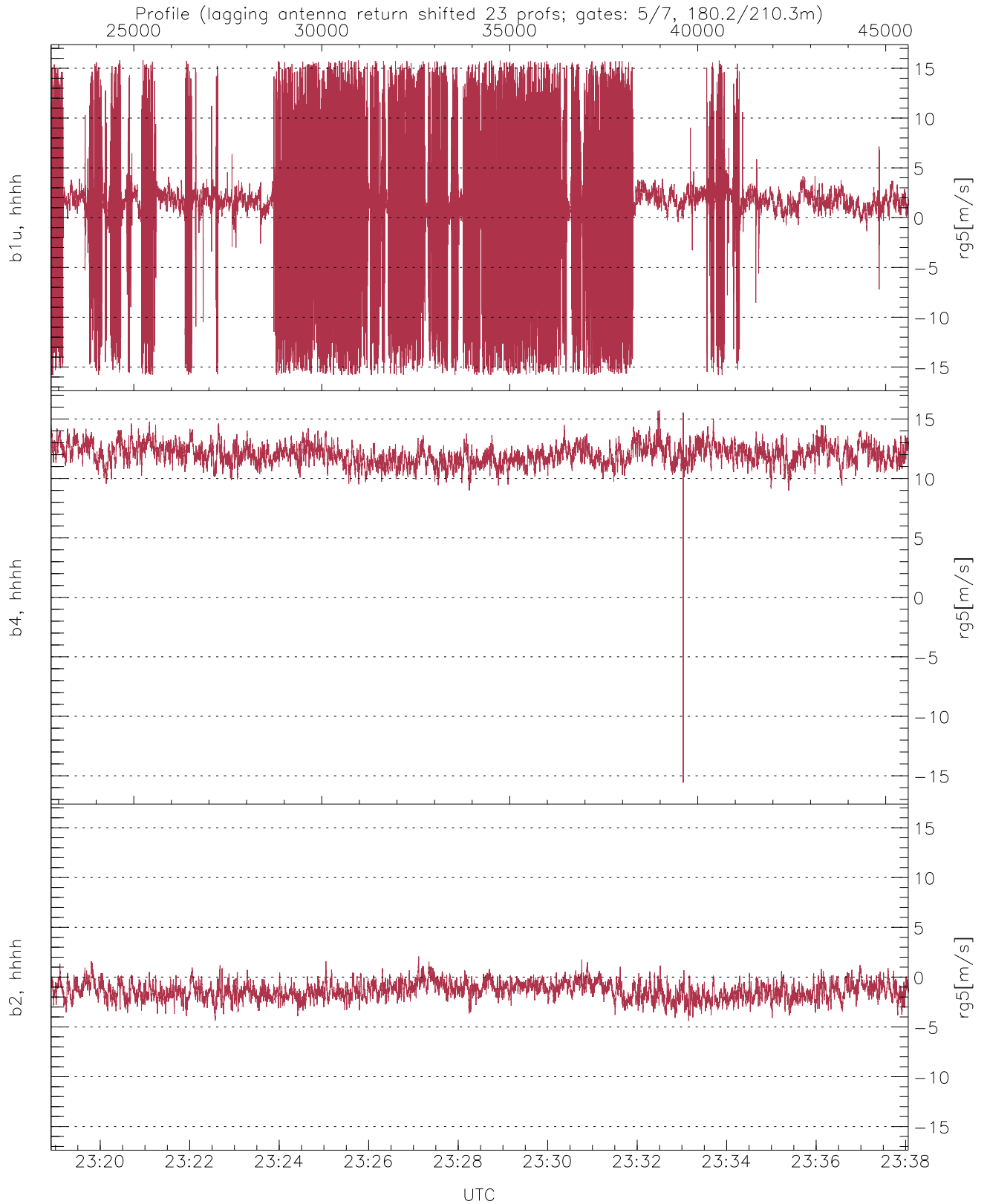
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.74	-18.12	-37.67
down-fore(hh[dBm])	-58.39	-19.99	-31.54
down(hh[dBm])	-55.32	-14.87	-28.27



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

	Min	Max	Mean
up/down (dB)	-44.11	19.77	-20.34
down/down-fore (dB)	-19.32	33.35	4.23



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.76	6.13
b4, hhhh(rg5[m/s])	-15.58	15.75	12.00	0.96
b2, hhhh(rg5[m/s])	-4.40	2.08	-1.36	0.88