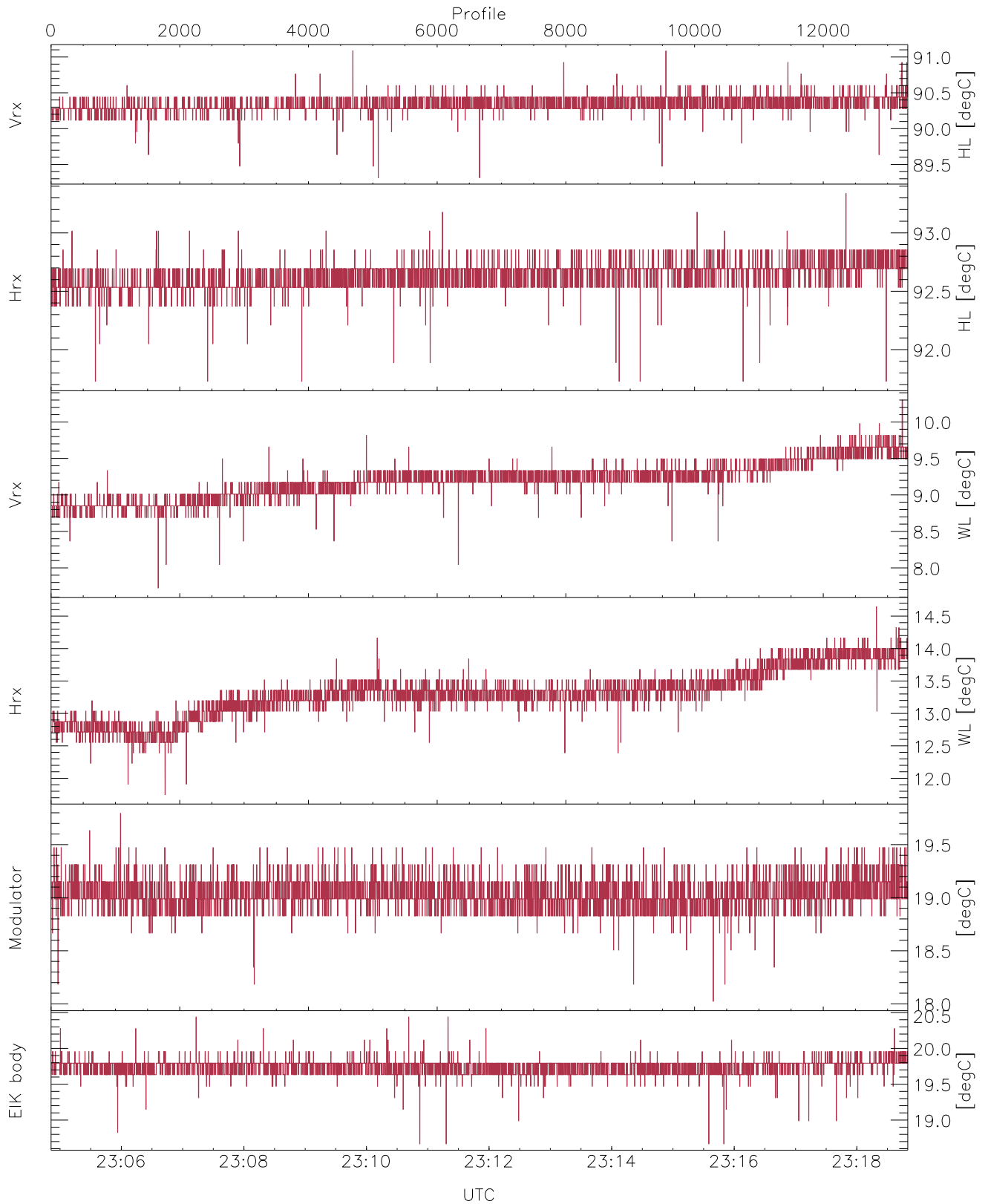


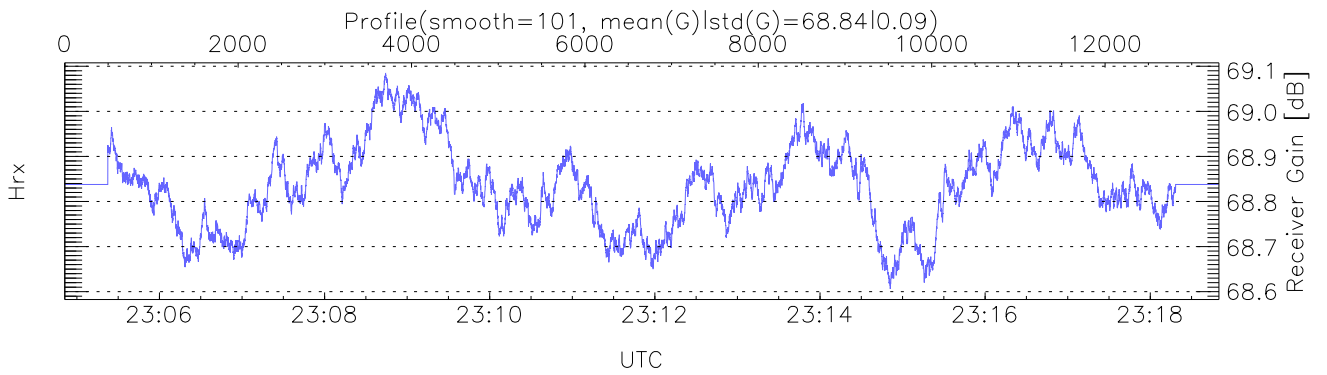
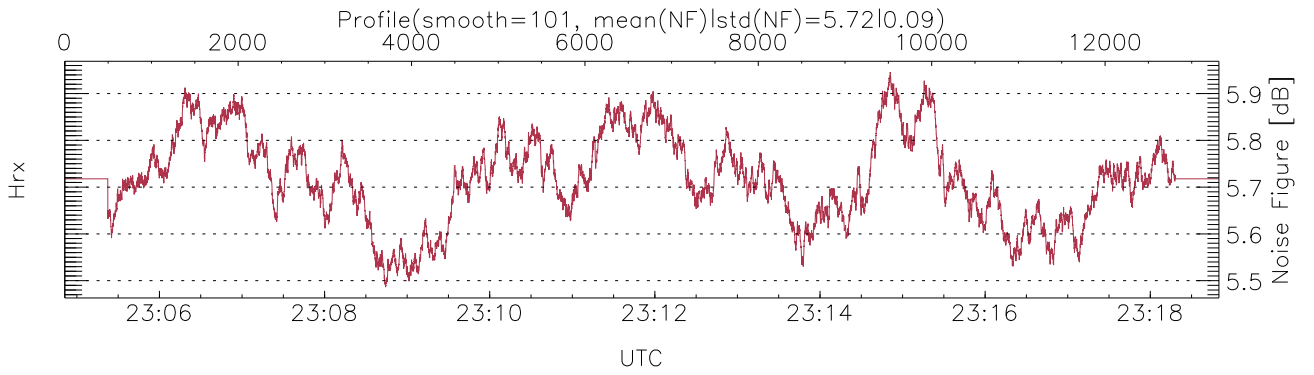
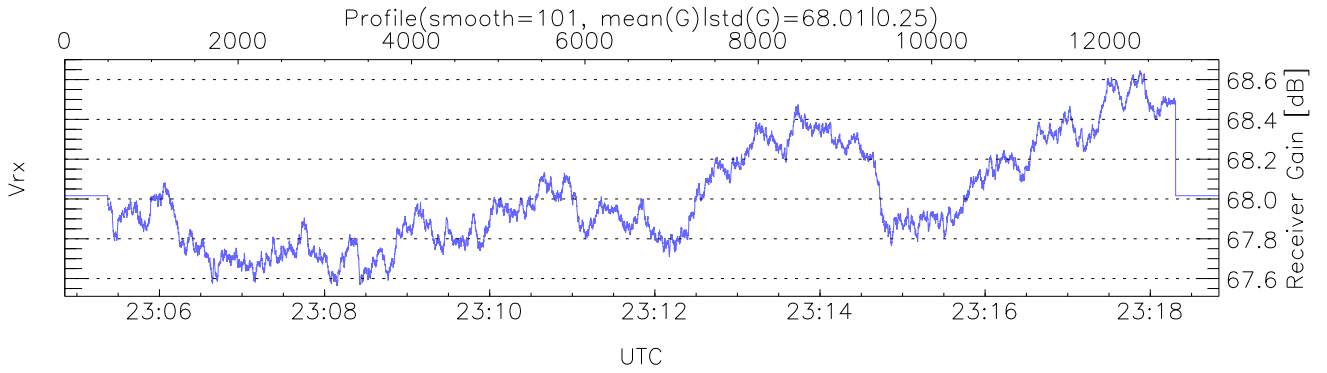
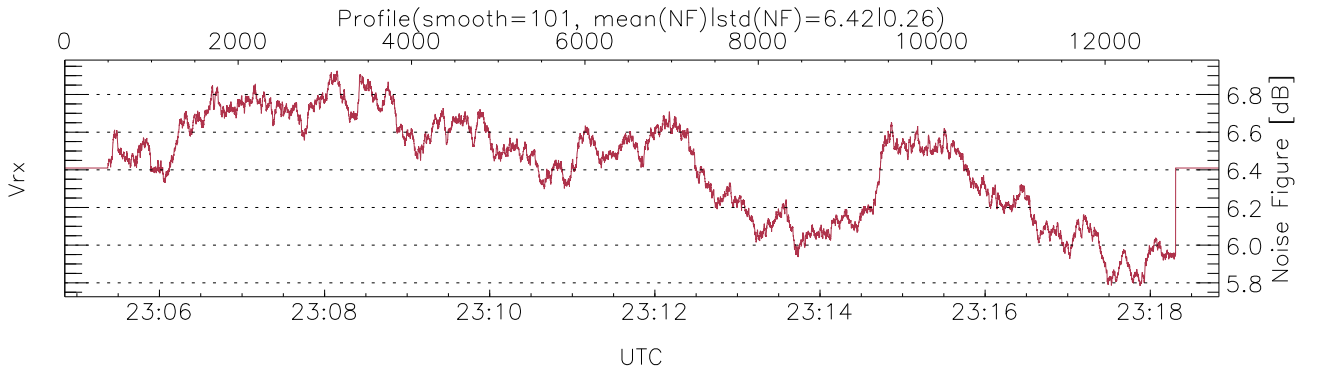
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

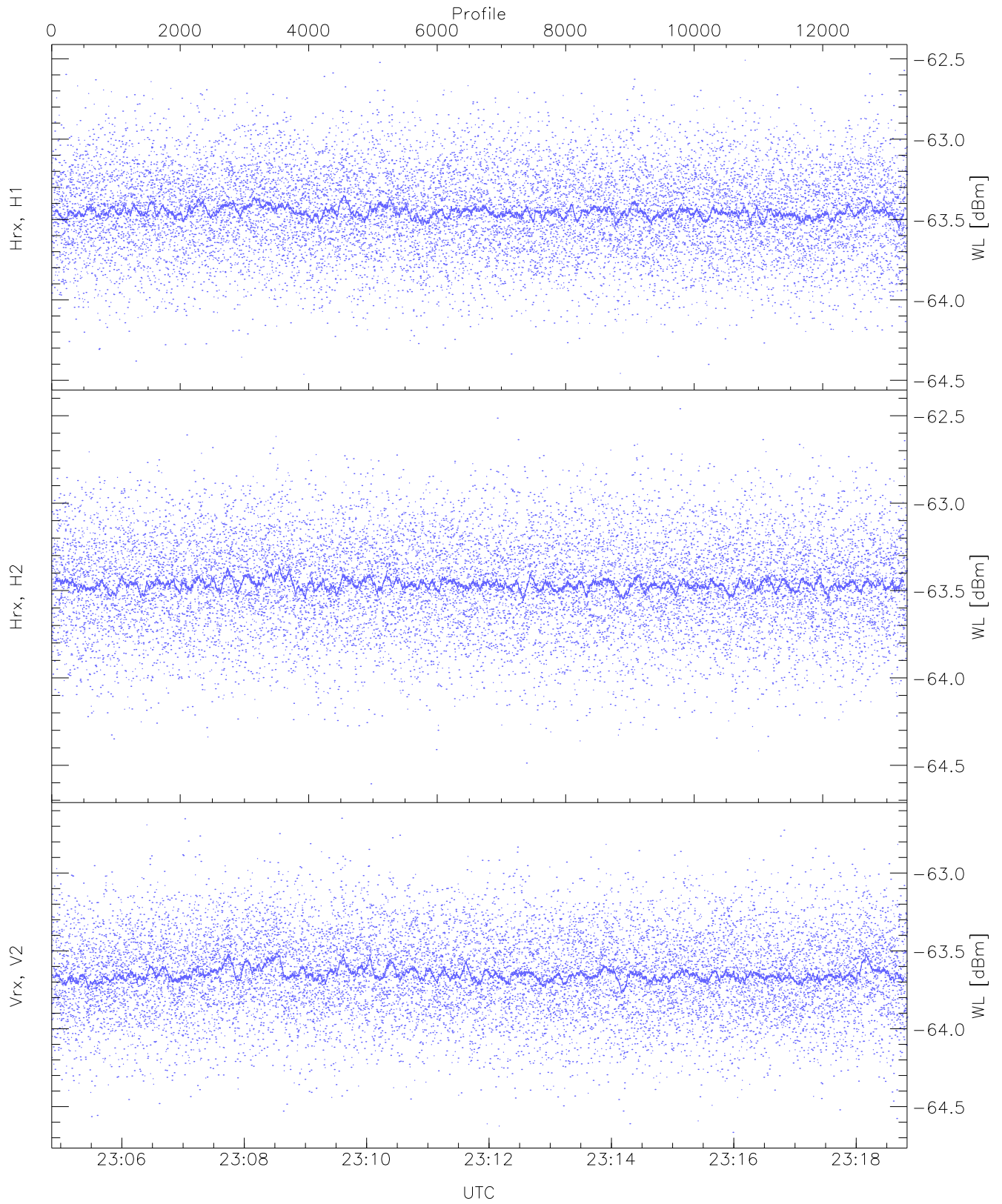
UTC: 23:04:51-23:18:50, Dur: 838.71s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 63.0,63.0,63.0,0.0 ms / 16,16,16
 NumRec(r/t): 13315/13315, 0-13314/23:04:51-23:18:50
 AcqTime: 63.0ms, Rate: 391KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 13.3 13.3 13.3 13.3 13.3 KHz, IGS: 75us
 Range(min,max,rgs): 105,9942,15.0 m, Gates: 656, Aspect: 2.1



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

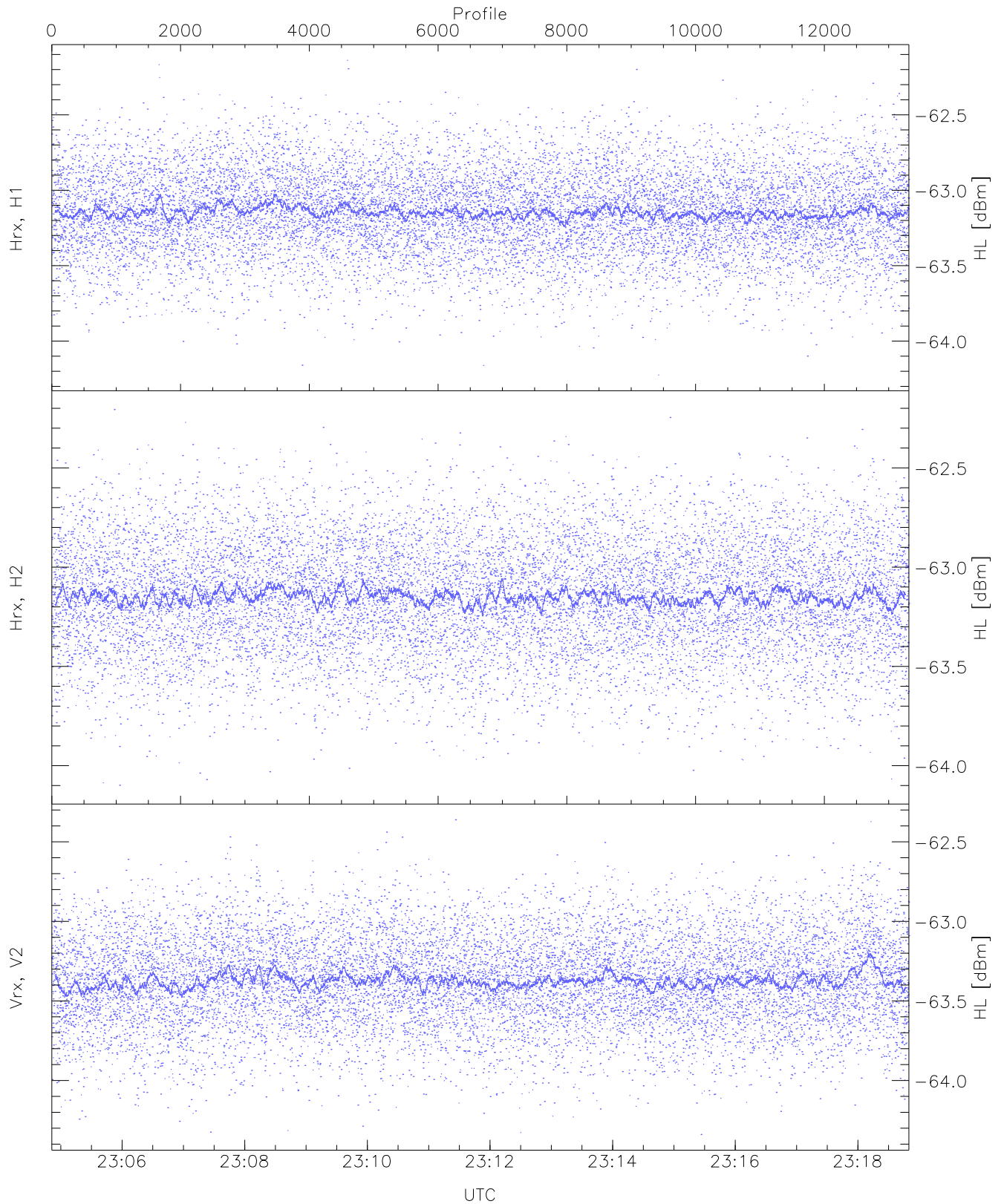
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,7,11,18,18`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,10,14,19,20`
`LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,9,0`
`EIK/Modulator Faults: None`





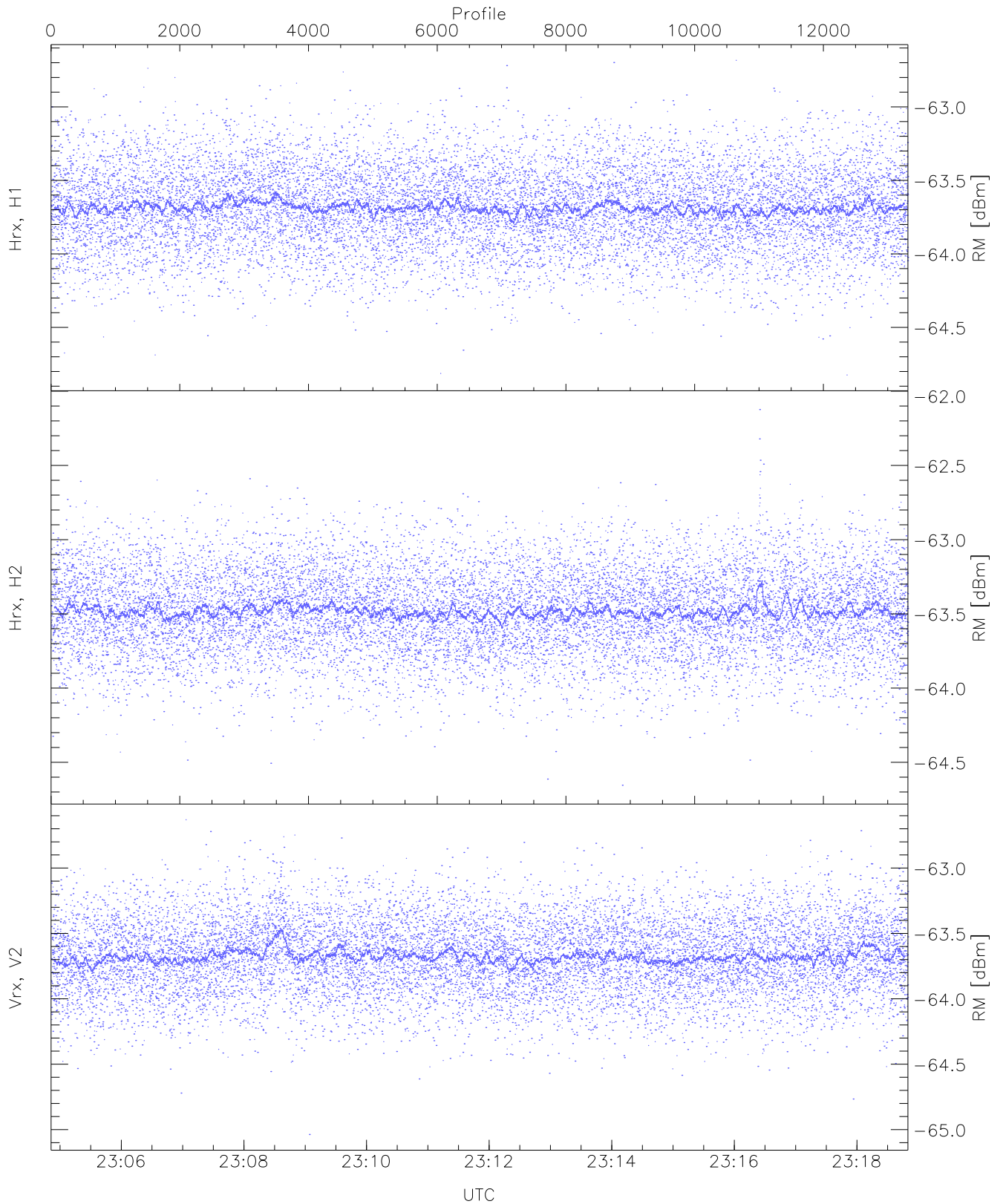
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.46	-62.51	-63.45	-63.45	-75.62
Hrx, H2 (WL [dBm])	-64.61	-62.46	-63.46	-63.46	-75.58
Vrx, V2 (WL [dBm])	-64.67	-62.65	-63.64	-63.65	-75.75



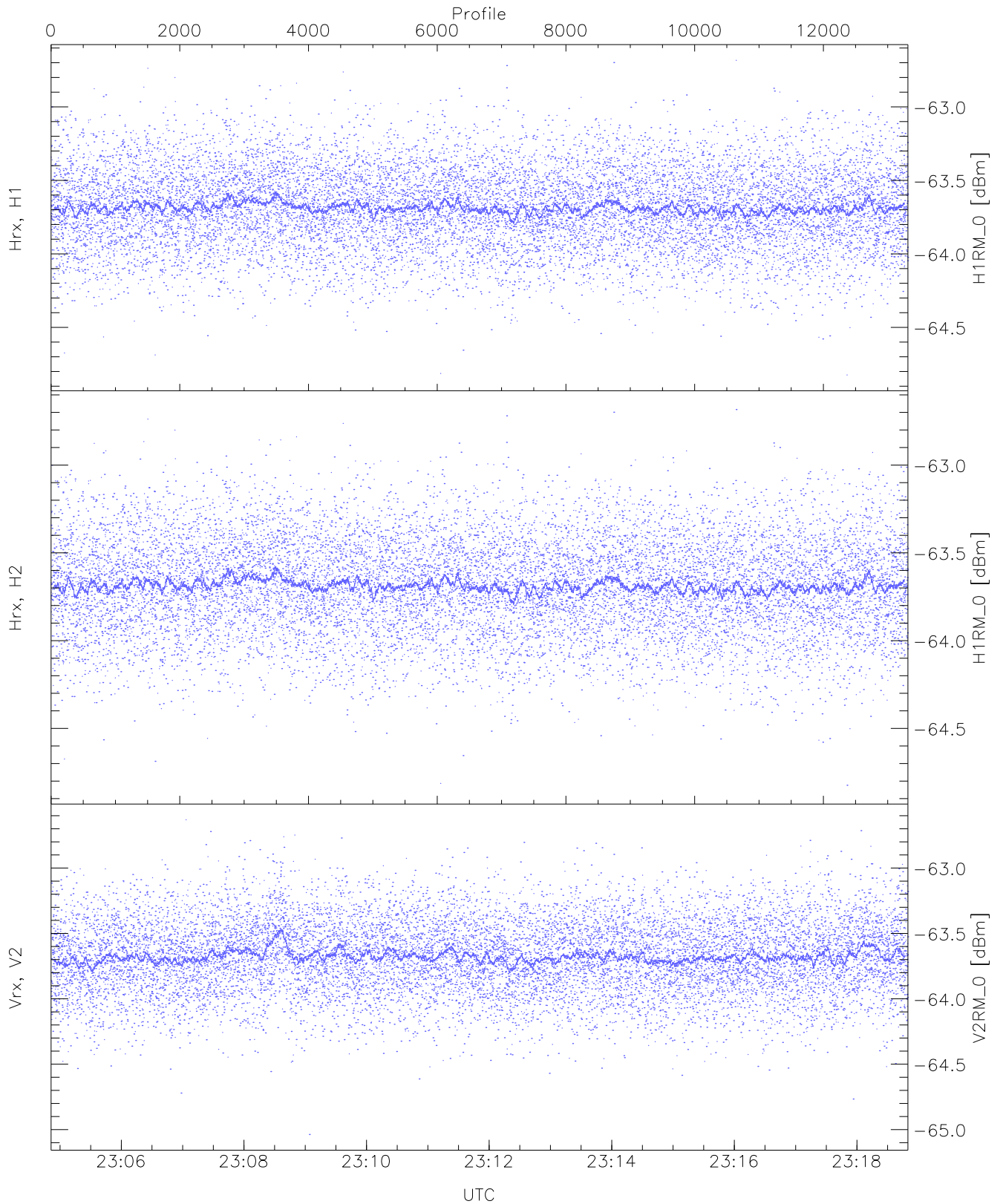
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.22	-62.14	-63.14	-63.14	-75.30
Hrx, H2 (HL [dBm])	-64.10	-62.21	-63.14	-63.15	-75.29
Vrx, V2 (HL [dBm])	-64.34	-62.36	-63.37	-63.37	-75.47



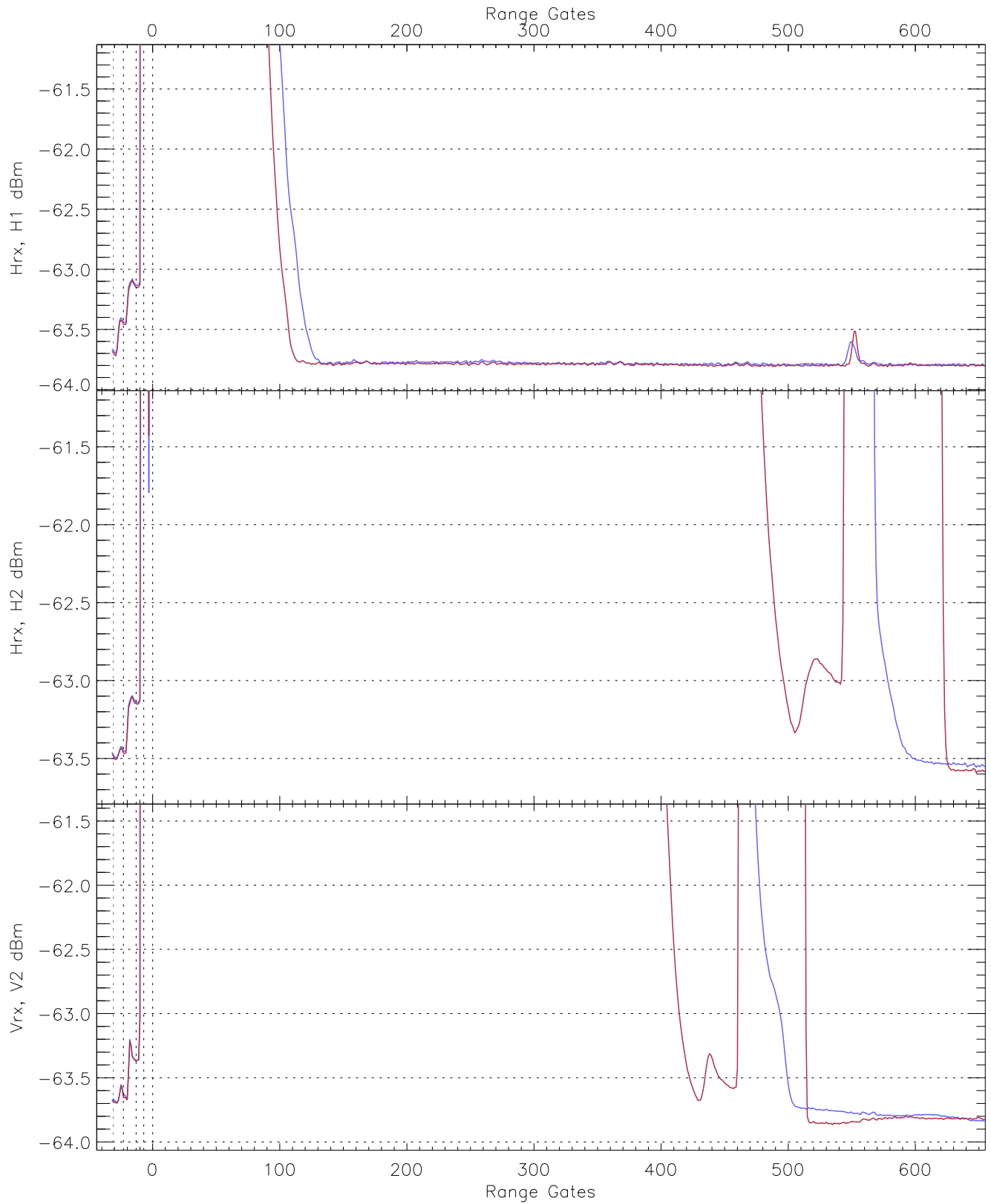
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.82	-62.68	-63.68	-63.69	-75.86
Hrx, H2 (RM [dBm])	-64.65	-62.12	-63.48	-63.49	-75.58
Vrx, V2 (RM [dBm])	-65.04	-62.63	-63.67	-63.68	-75.77

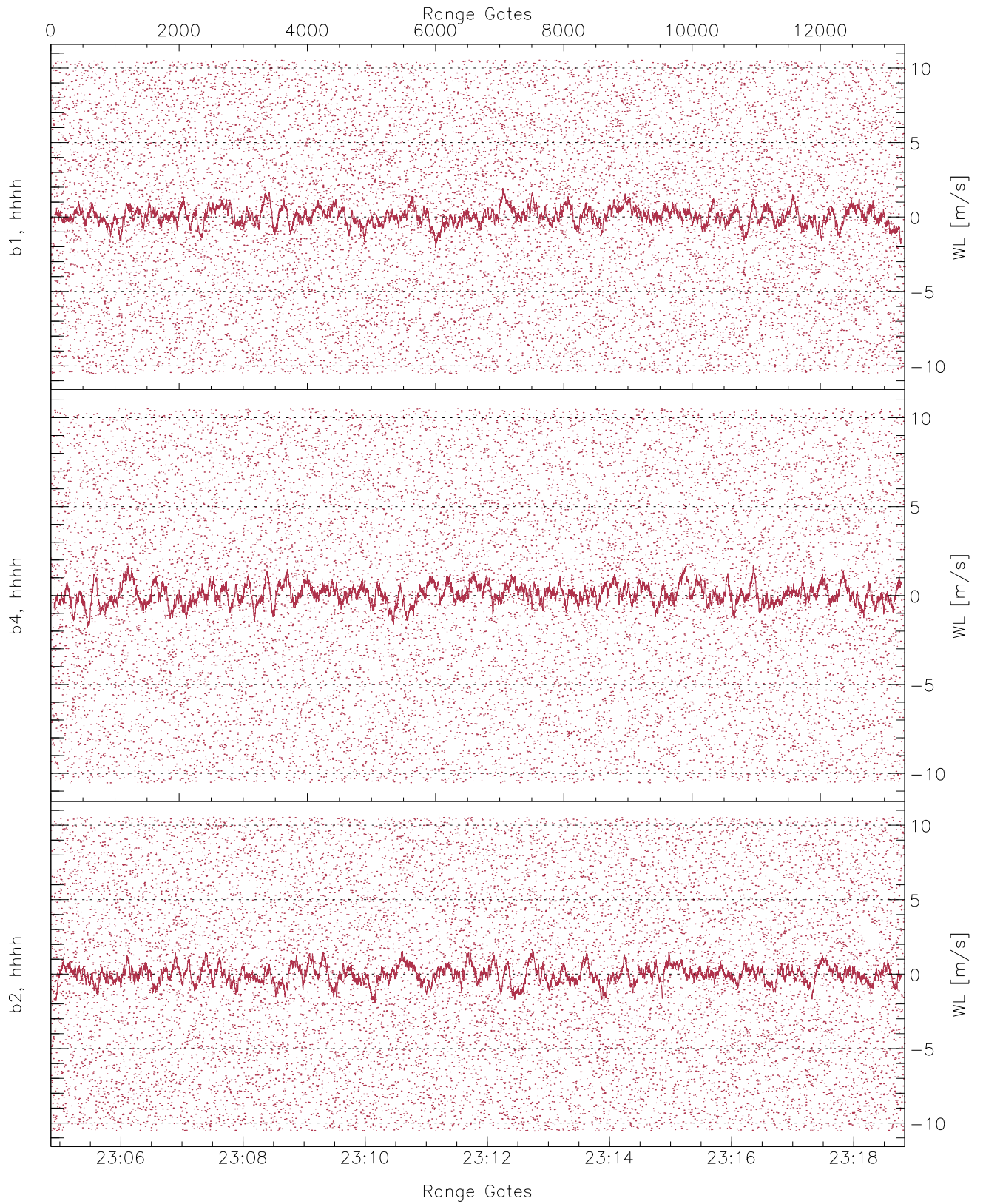


WCR2 CPP "Best" estimate Receivers Noise Power

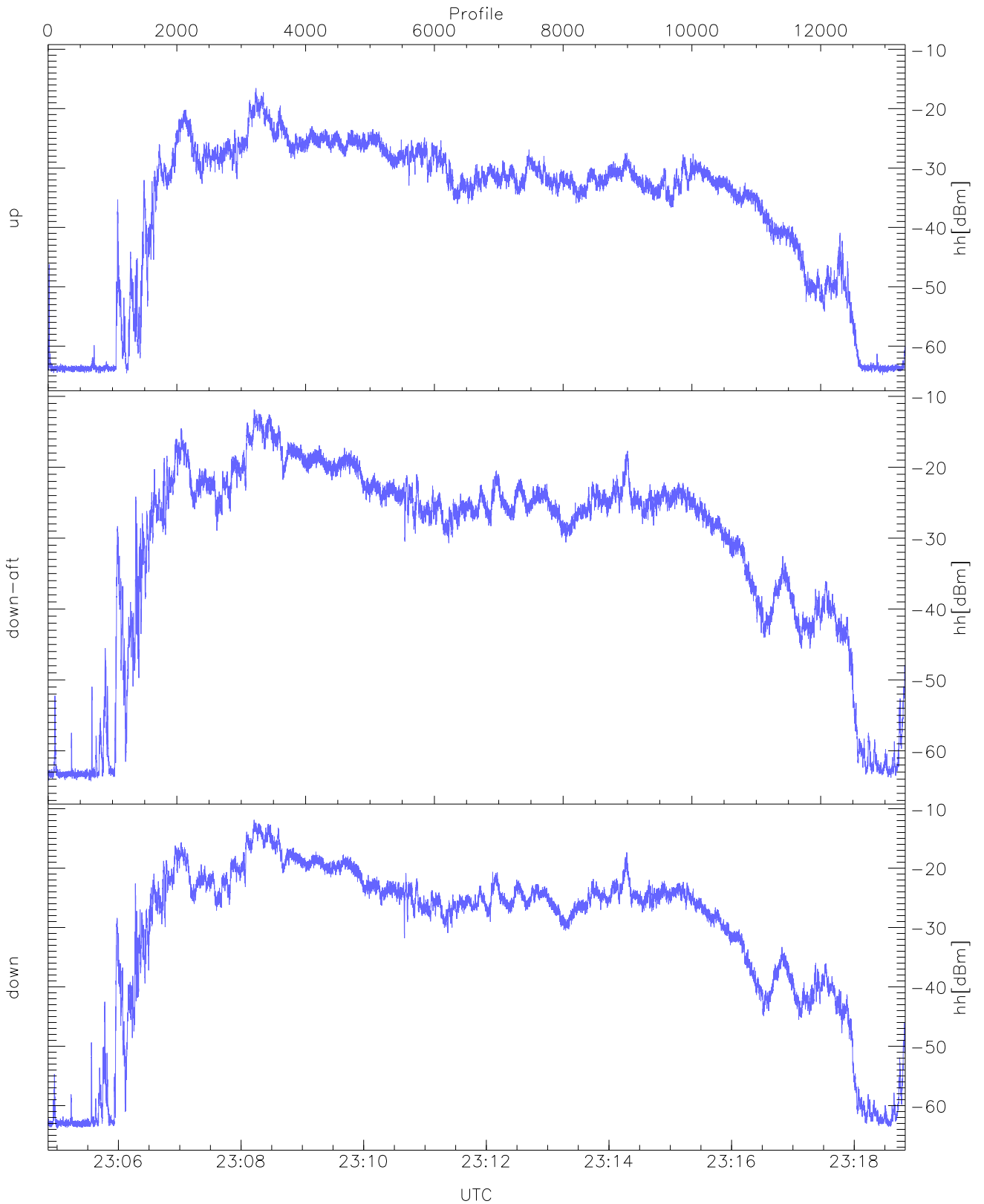
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.82	-62.68	-63.68	-63.69	-75.86
H1RM_0 [dBm]	-64.82	-62.68	-63.68	-63.69	-75.86
V2RM_0 [dBm]	-65.04	-62.63	-63.67	-63.68	-75.77



WCR2 CPP Averaged Received power for all recorded gates
blue: 230451-231150, 6658 profiles averaged
red: 231150-231850, 6658 profiles averaged

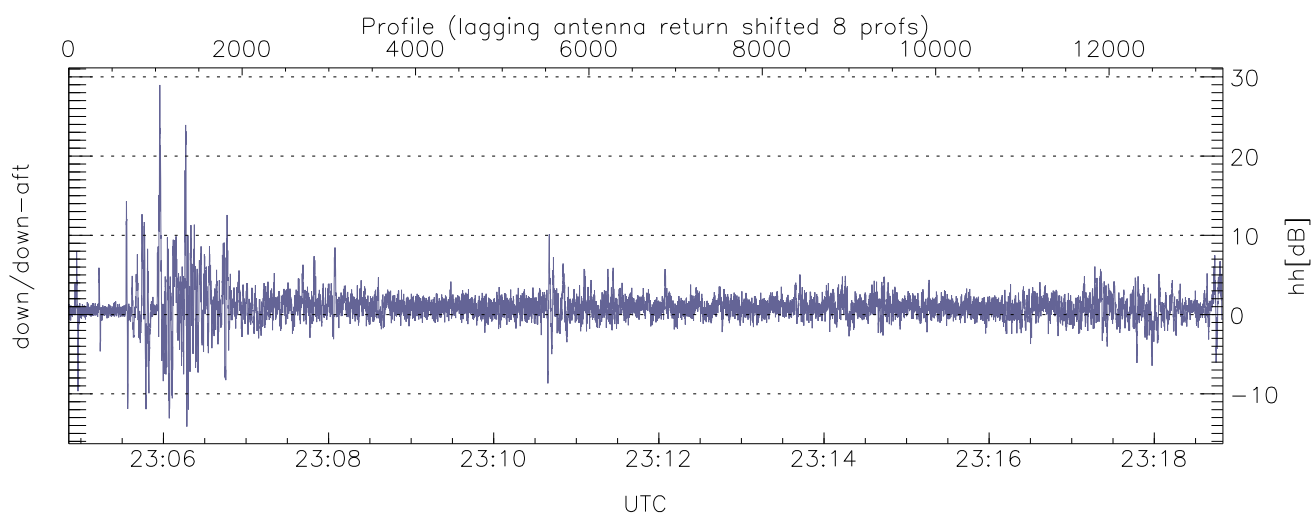
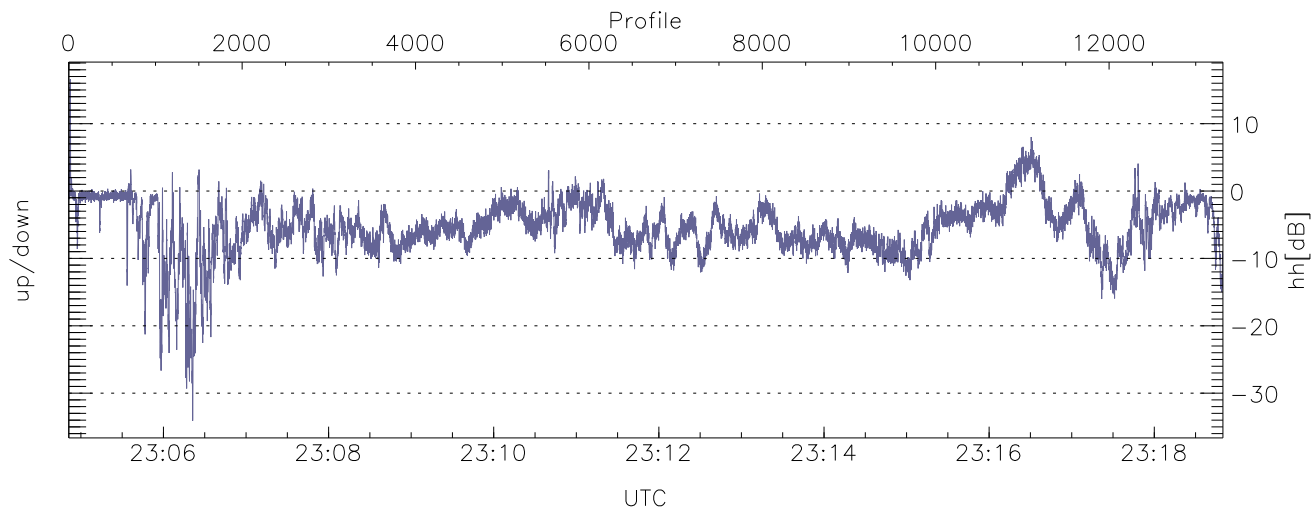


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



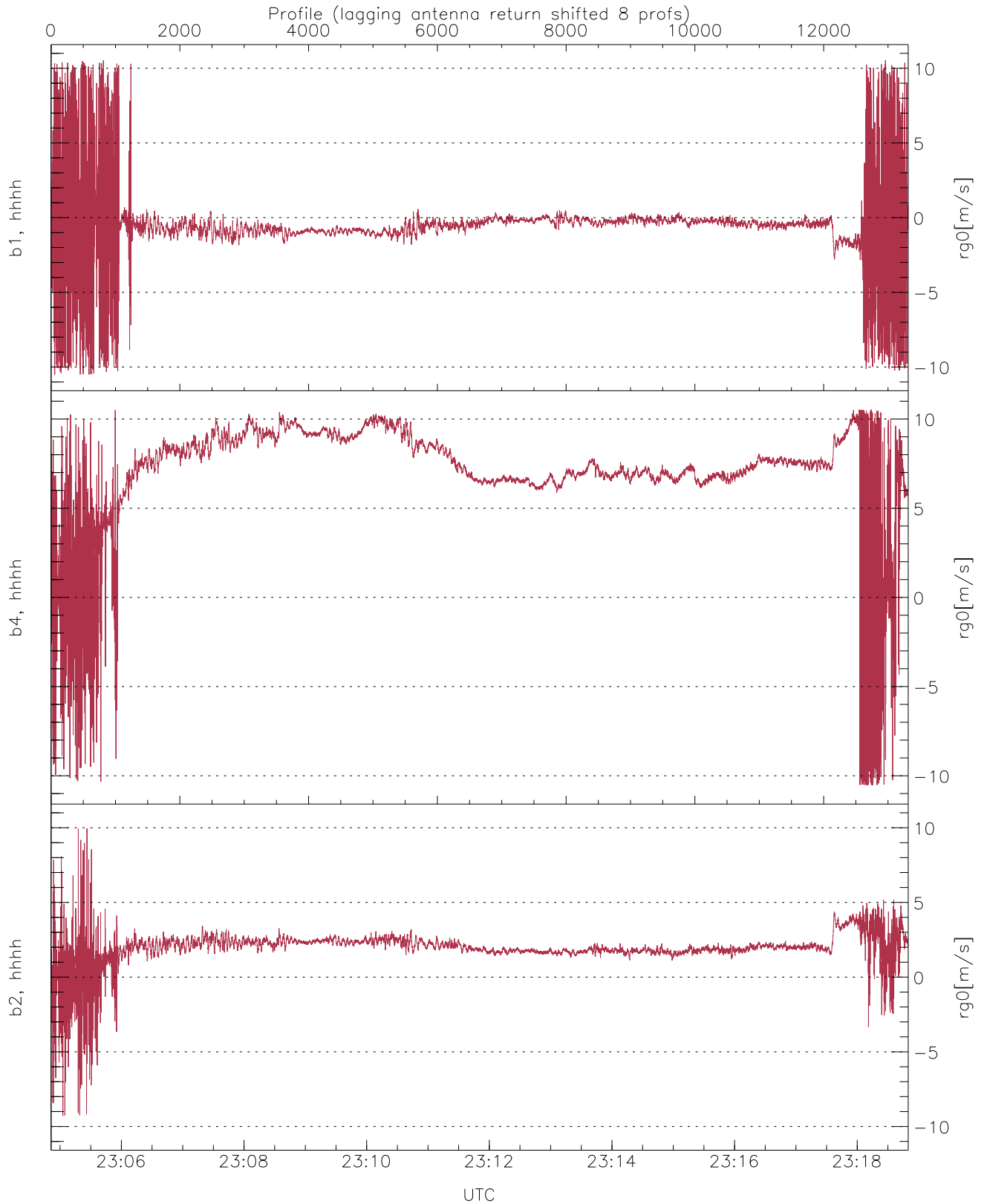
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.86	-16.55	-28.98
down-aft(hh[dBm])	-64.27	-11.86	-23.14
down(hh[dBm])	-63.84	-11.88	-23.18



WCR2 CPP Received Power Ratio; Range gates used: 0,1 (105,120 m)

	Min	Max	Mean
up/down(hh[dB])	-34.11	16.61	-4.37
down/down-aft(hh[dB])	-14.14	28.98	0.95



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-10.51	10.53	-0.51	2.04
b4, hhhh(rg0[m/s])	-10.53	10.53	6.97	3.17
b2, hhhh(rg0[m/s])	-9.28	9.96	1.96	1.00