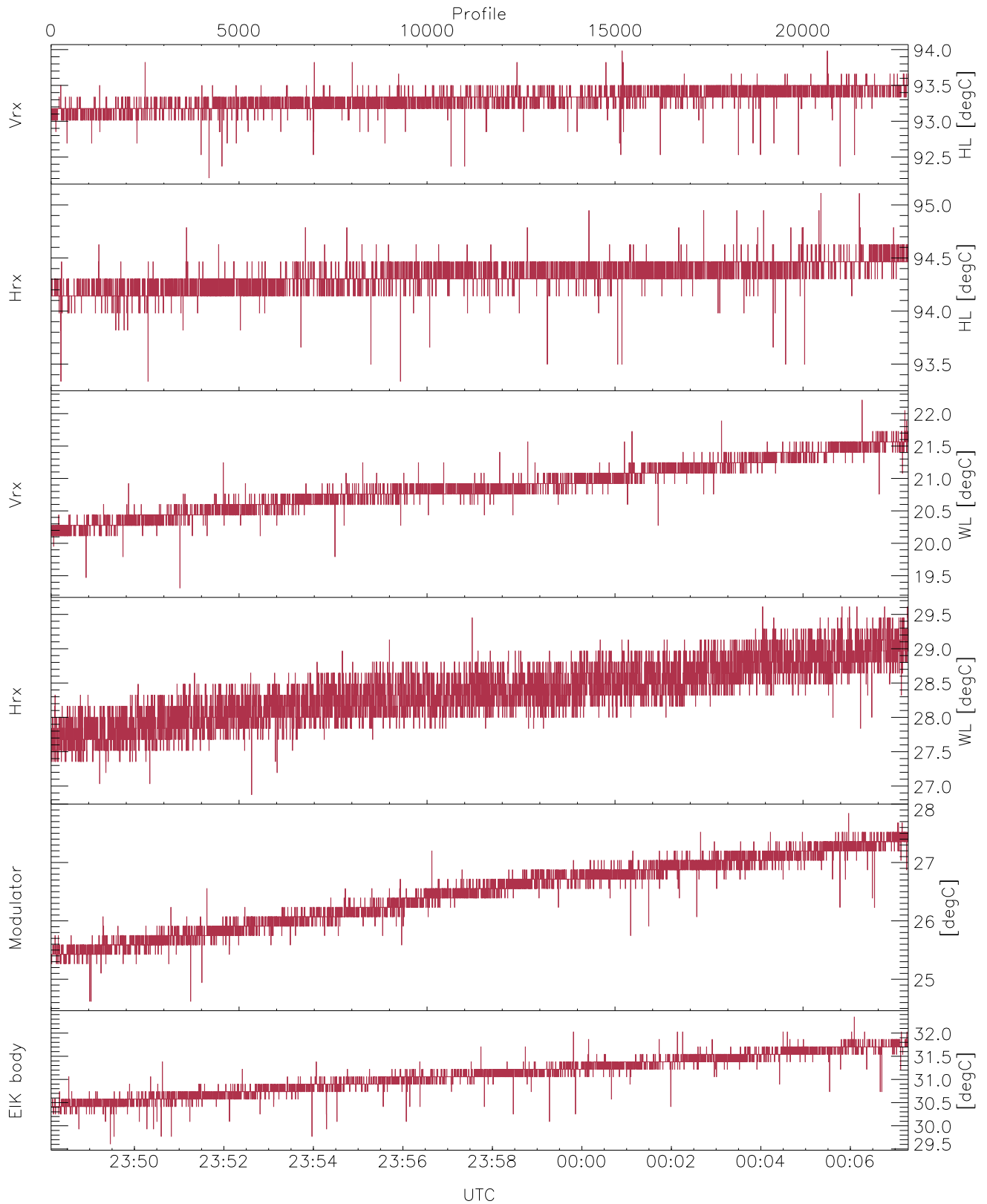


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

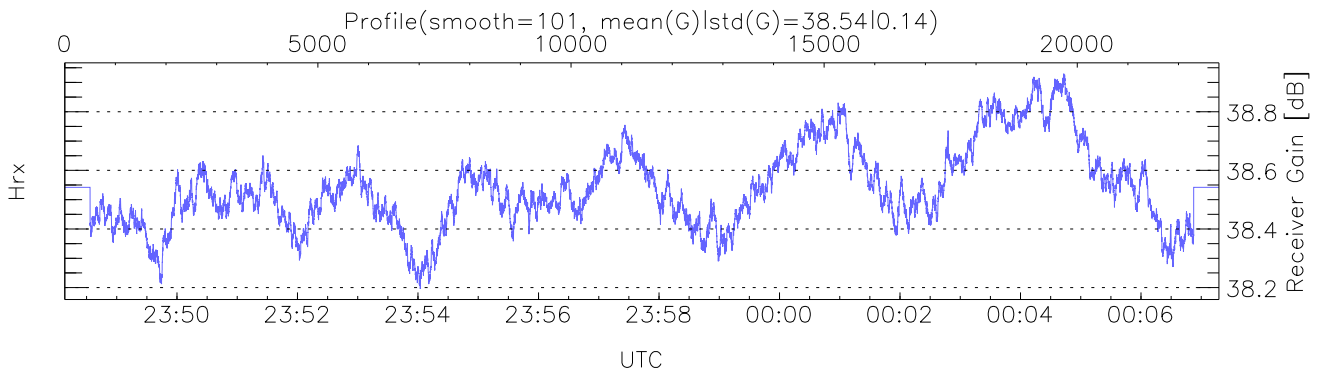
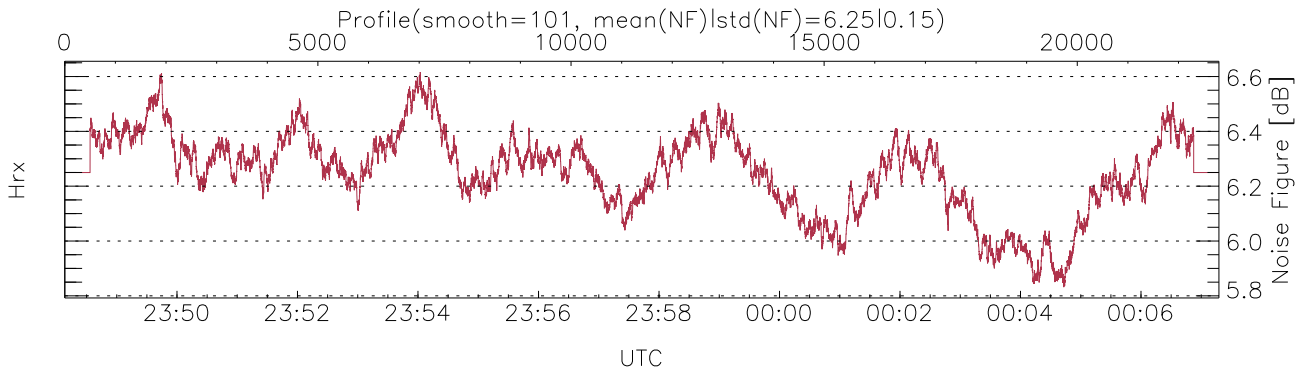
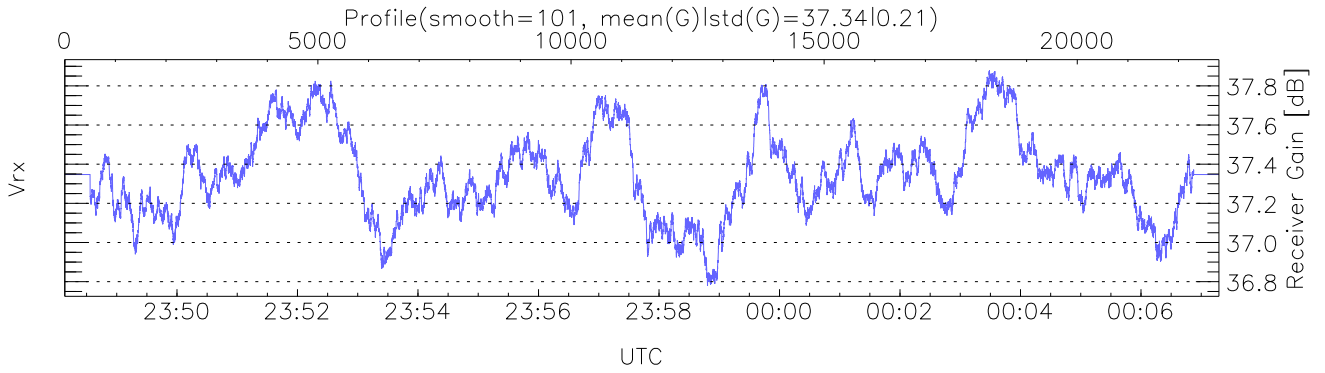
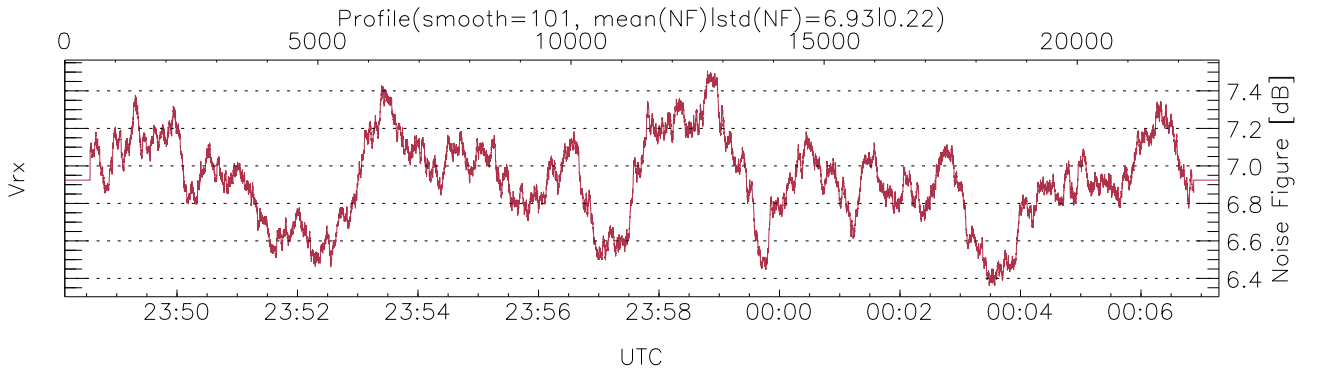
UTC: 23:48:08-00:24:11, Dur: 2162.60s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 22800/42899, 0-22799/23:48:08-00:07:18  
 AcqTime: 50.4ms, Rate: 268kB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 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

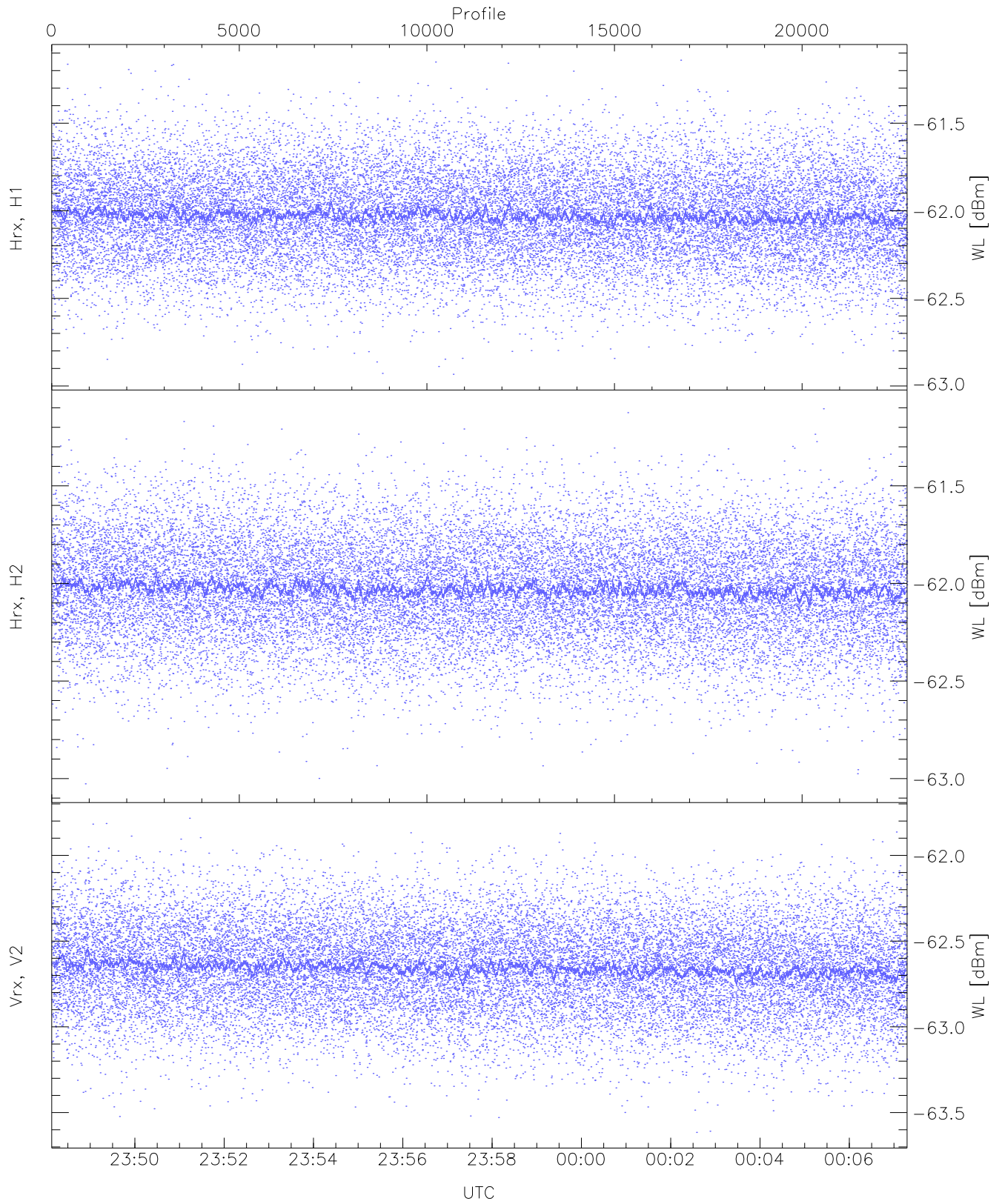
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,19,26,24,29`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,29,27,32`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,5,10,10,10,22)`



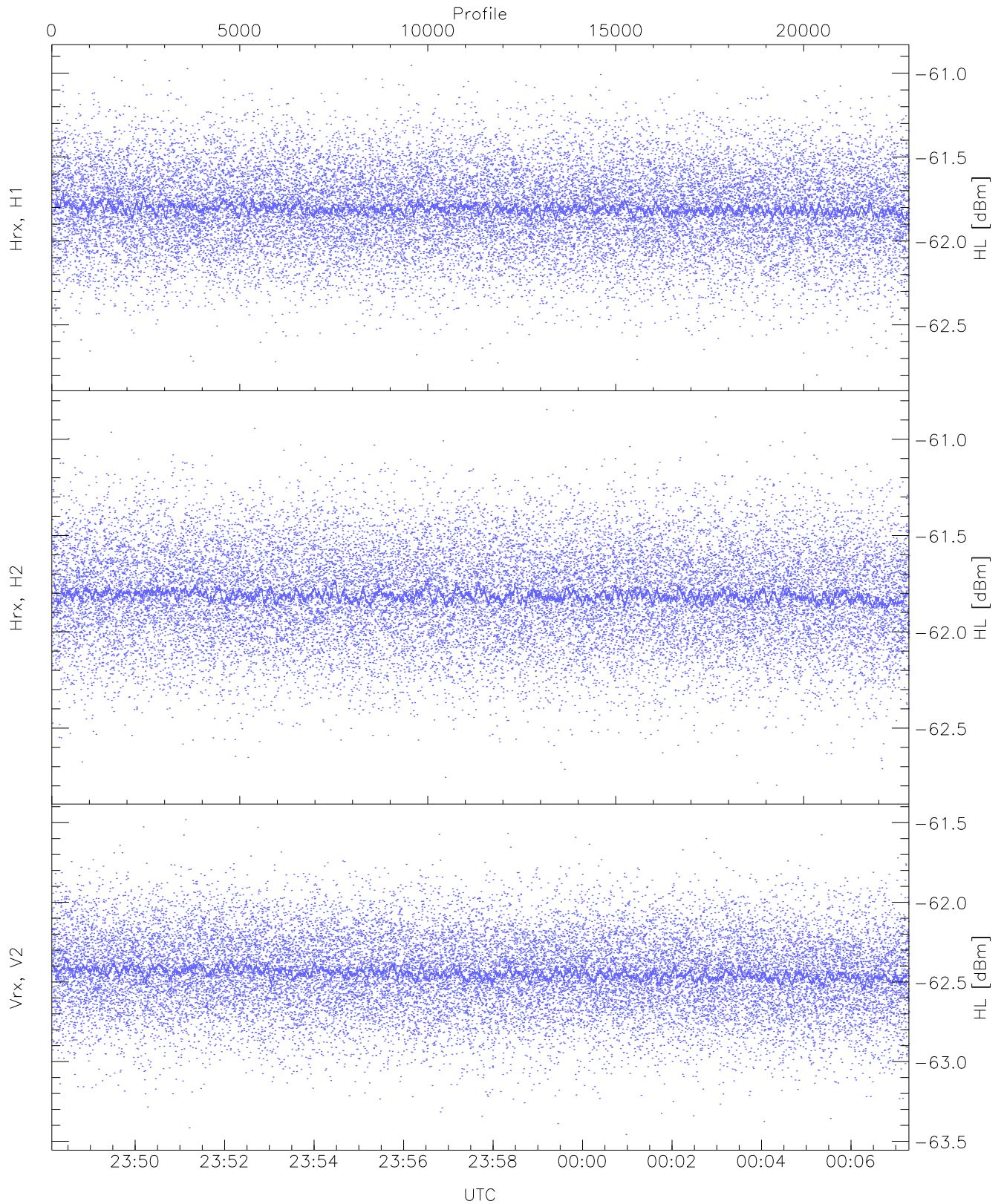
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 47 pixs, 8 gates, 41 profs, 1 prods



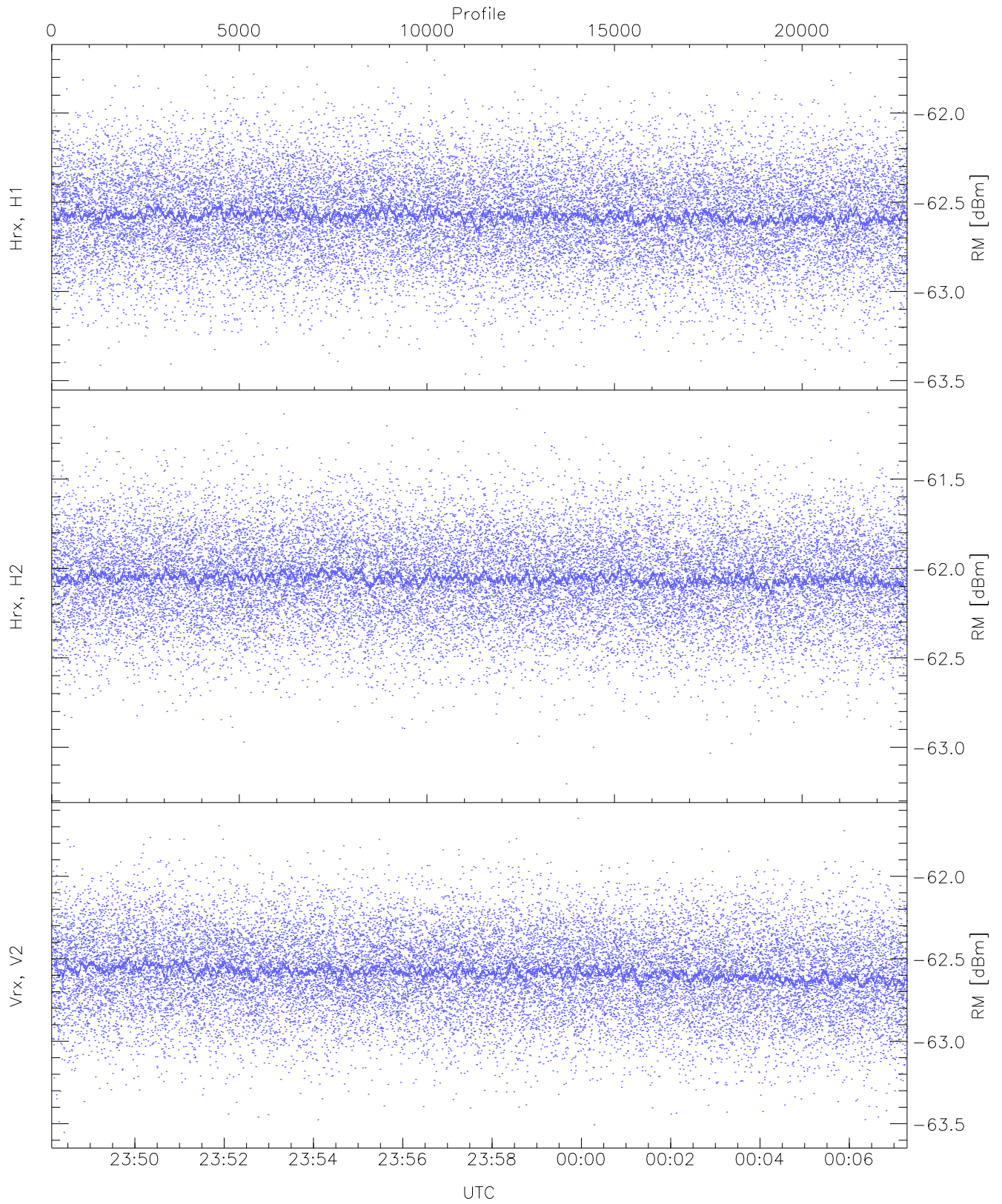
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.93	-61.14	-62.03	-62.03	-74.62
Hrx, H2 (WL [dBm])	-63.03	-61.10	-62.03	-62.03	-74.61
Vrx, V2 (WL [dBm])	-63.62	-61.78	-62.66	-62.66	-75.20



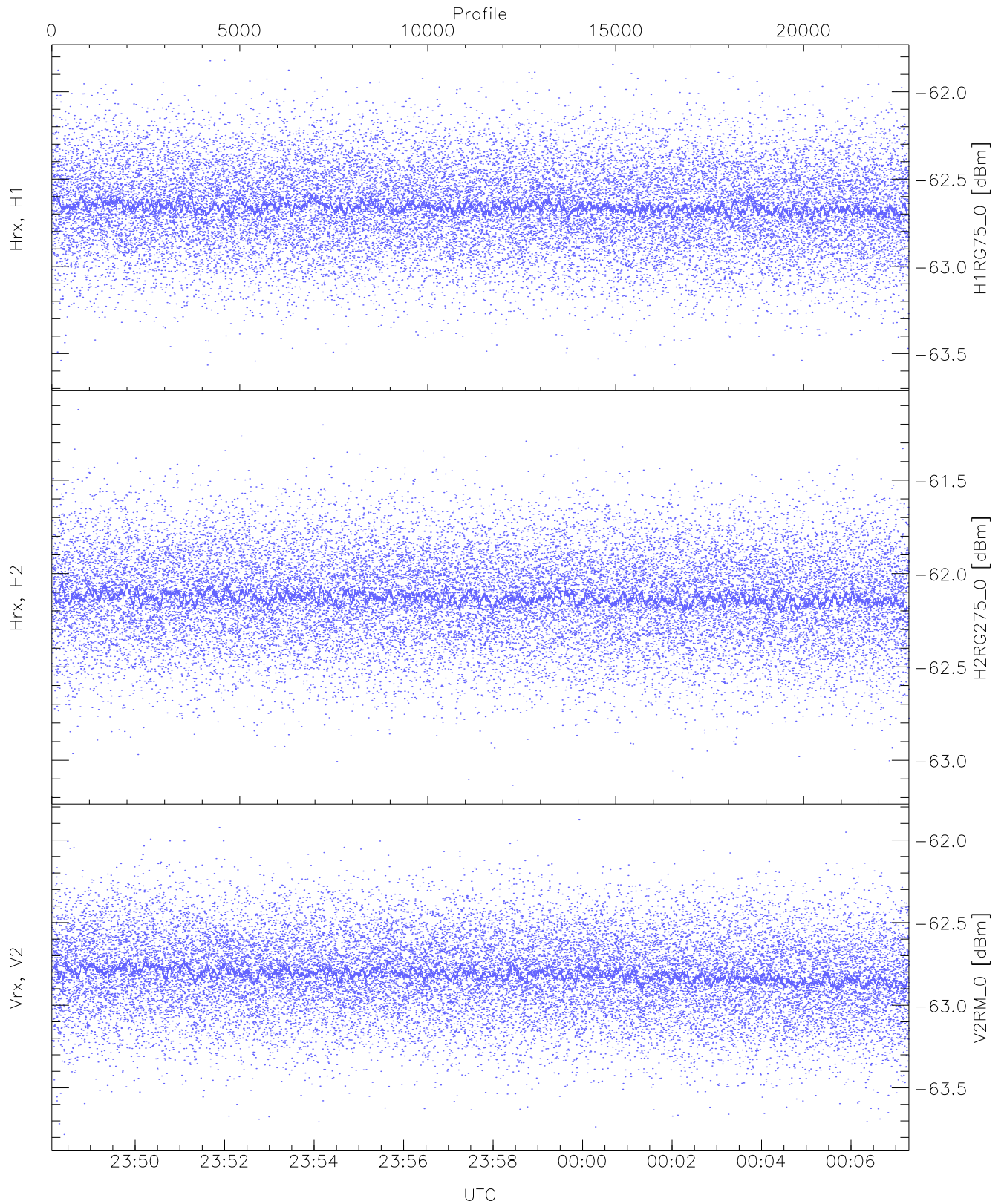
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.80	-60.92	-61.80	-61.81	-74.37
Hrx, H2 (HL [dBm])	-62.80	-60.85	-61.81	-61.81	-74.36
Vrx, V2 (HL [dBm])	-63.46	-61.48	-62.44	-62.45	-75.01



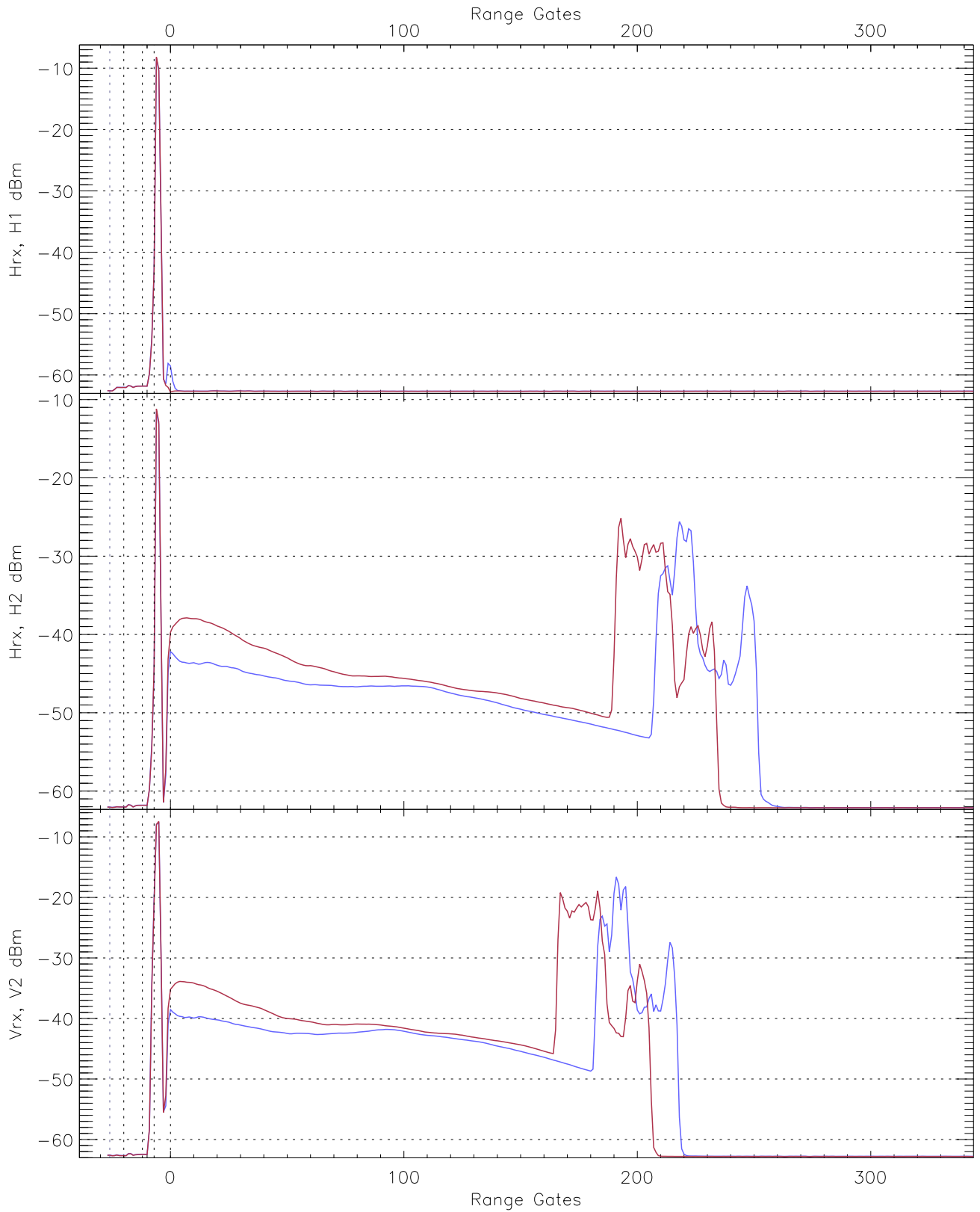
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.46	-61.70	-62.57	-62.58	-75.14
Hrx, H2 (RM [dBm])	-63.20	-61.11	-62.05	-62.05	-74.62
Vrx, V2 (RM [dBm])	-63.55	-61.65	-62.58	-62.58	-75.12



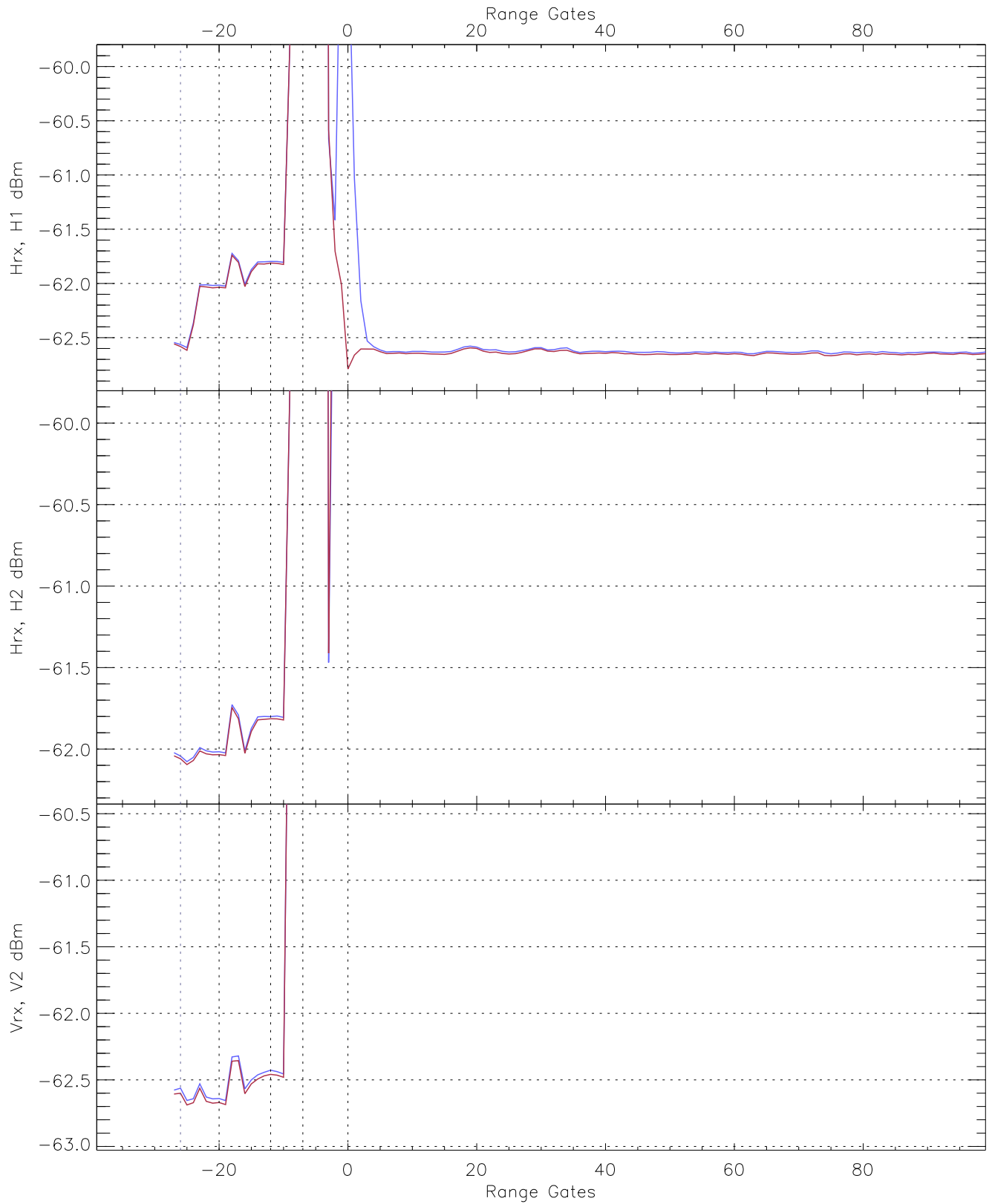
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.62	-61.82	-62.66	-62.66	-75.23
H2RG275_0 [dBm]	-63.13	-61.12	-62.13	-62.13	-74.68
V2RM_0 [dBm]	-63.78	-61.88	-62.81	-62.81	-75.35

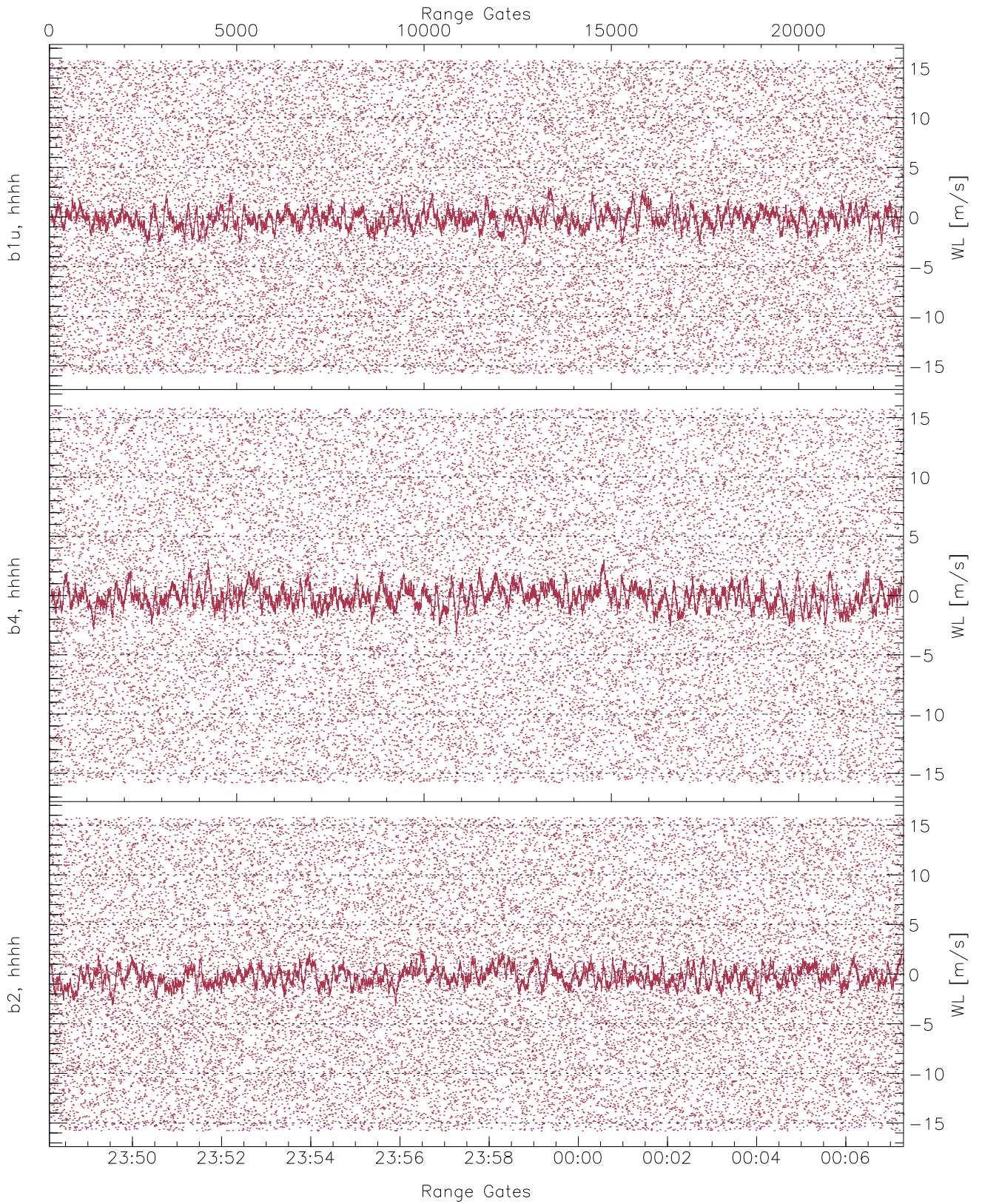


WCR2 CPP Averaged Received power for all recorded gates  
blue: 234808-235743, 11401 profiles averaged  
red: 235743-000718, 11400 profiles averaged

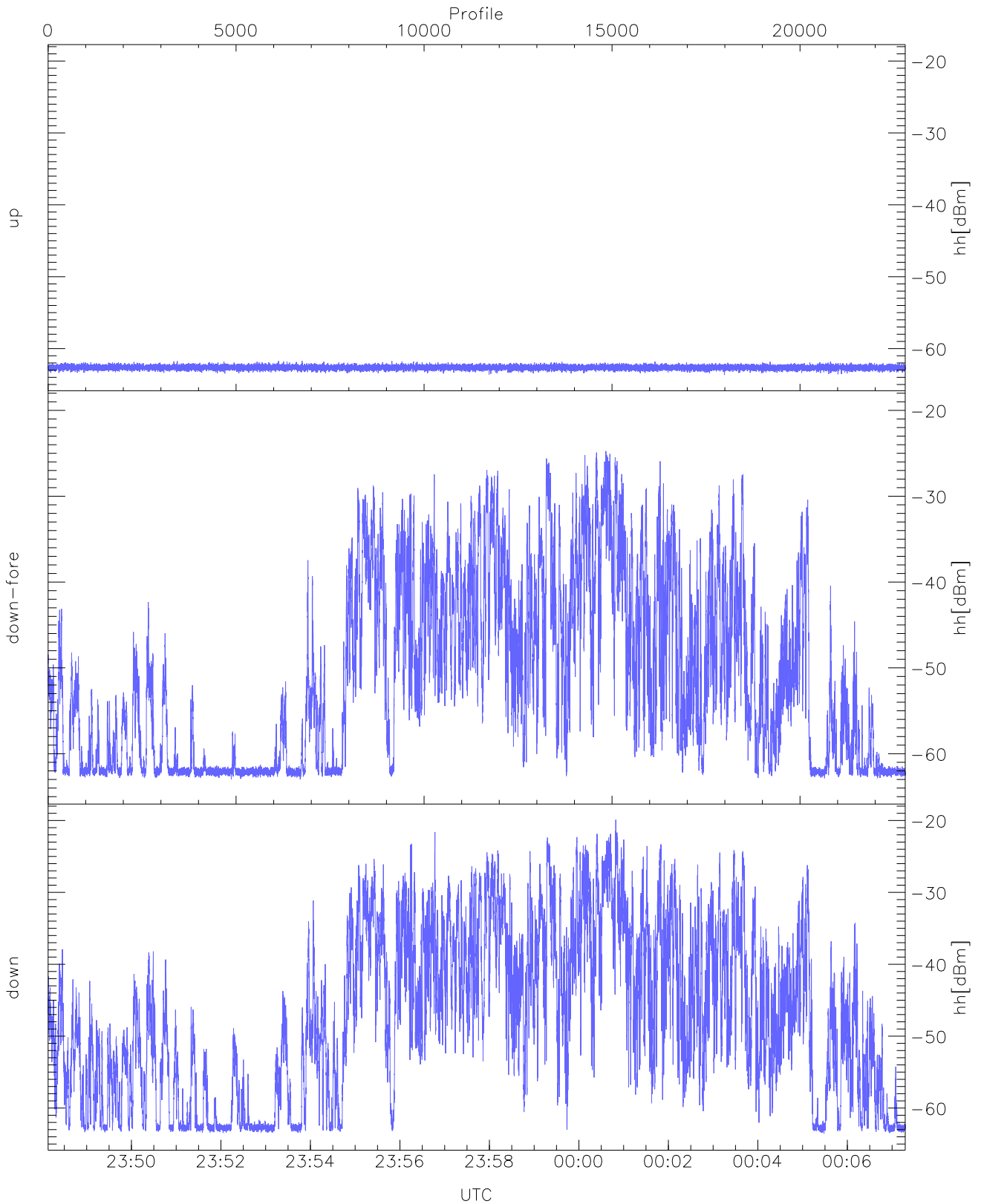




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 234808-235743, 11401 profiles averaged  
red: 235743-000718, 11400 profiles averaged

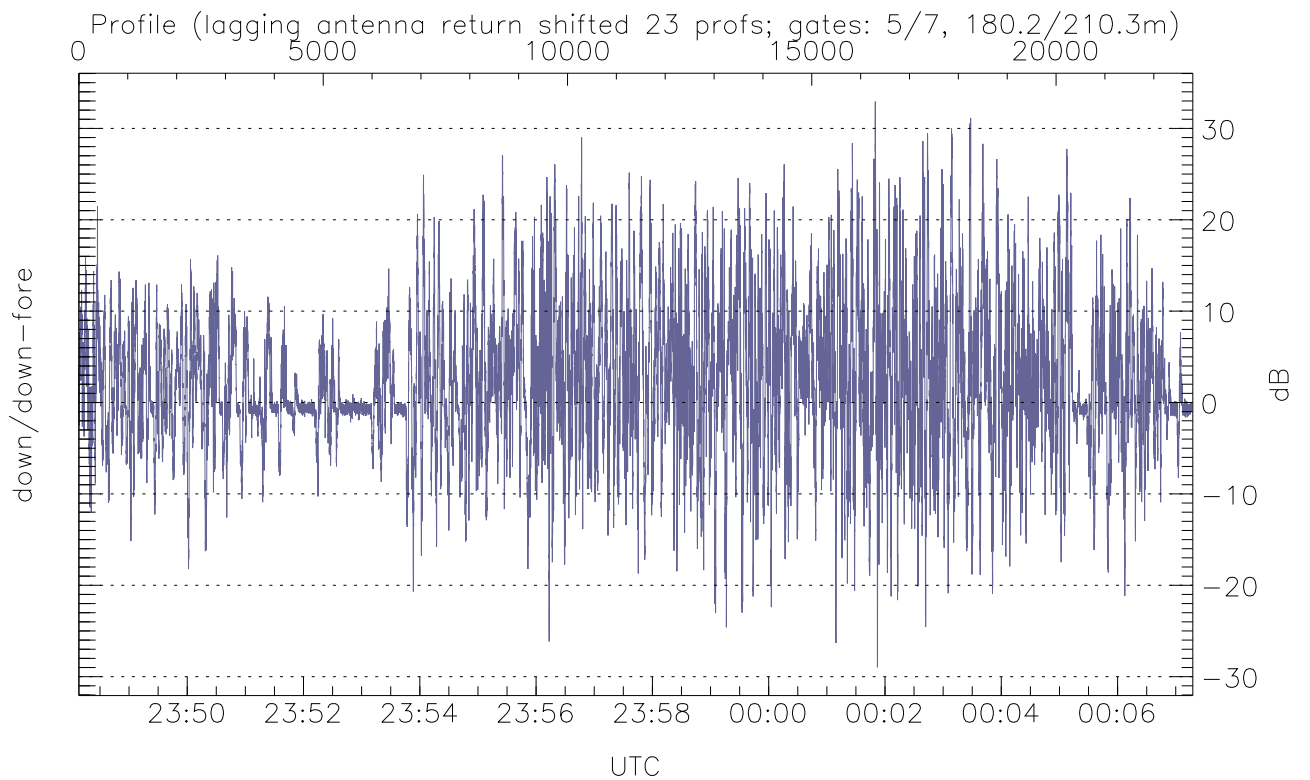
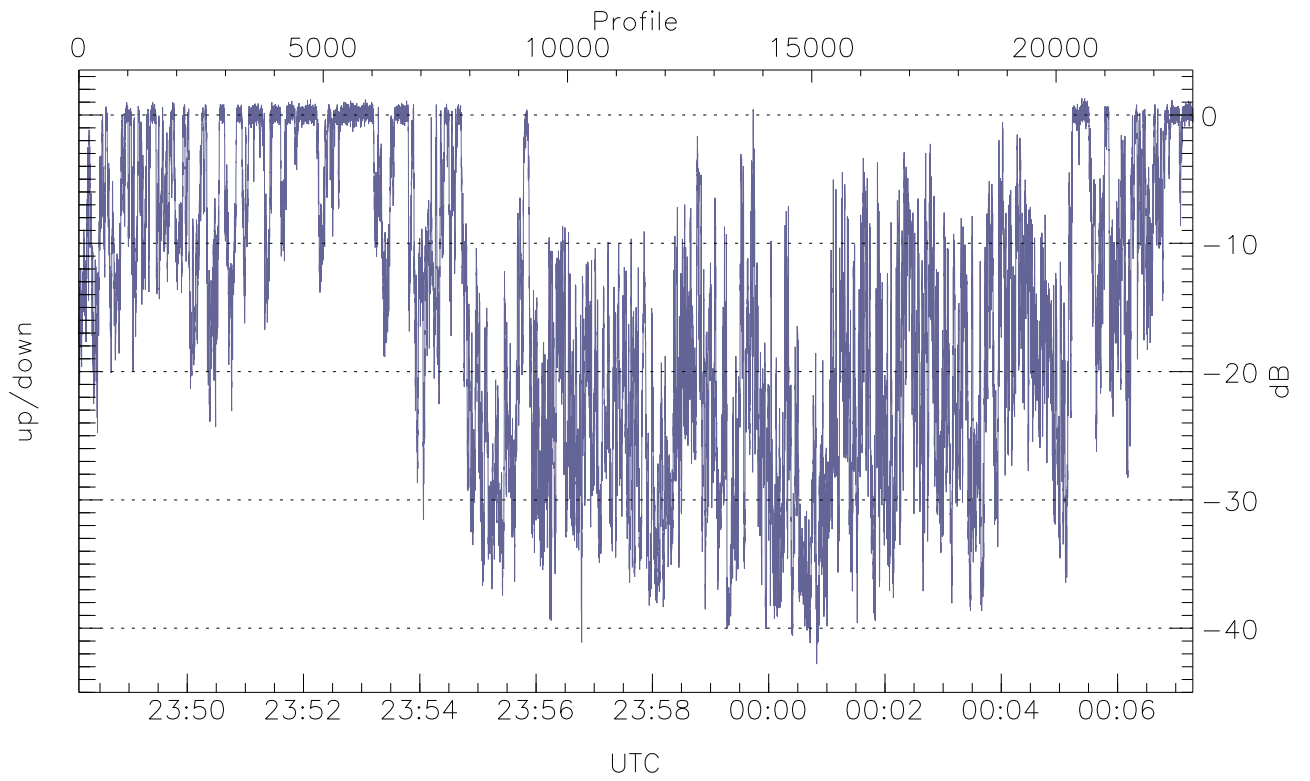


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



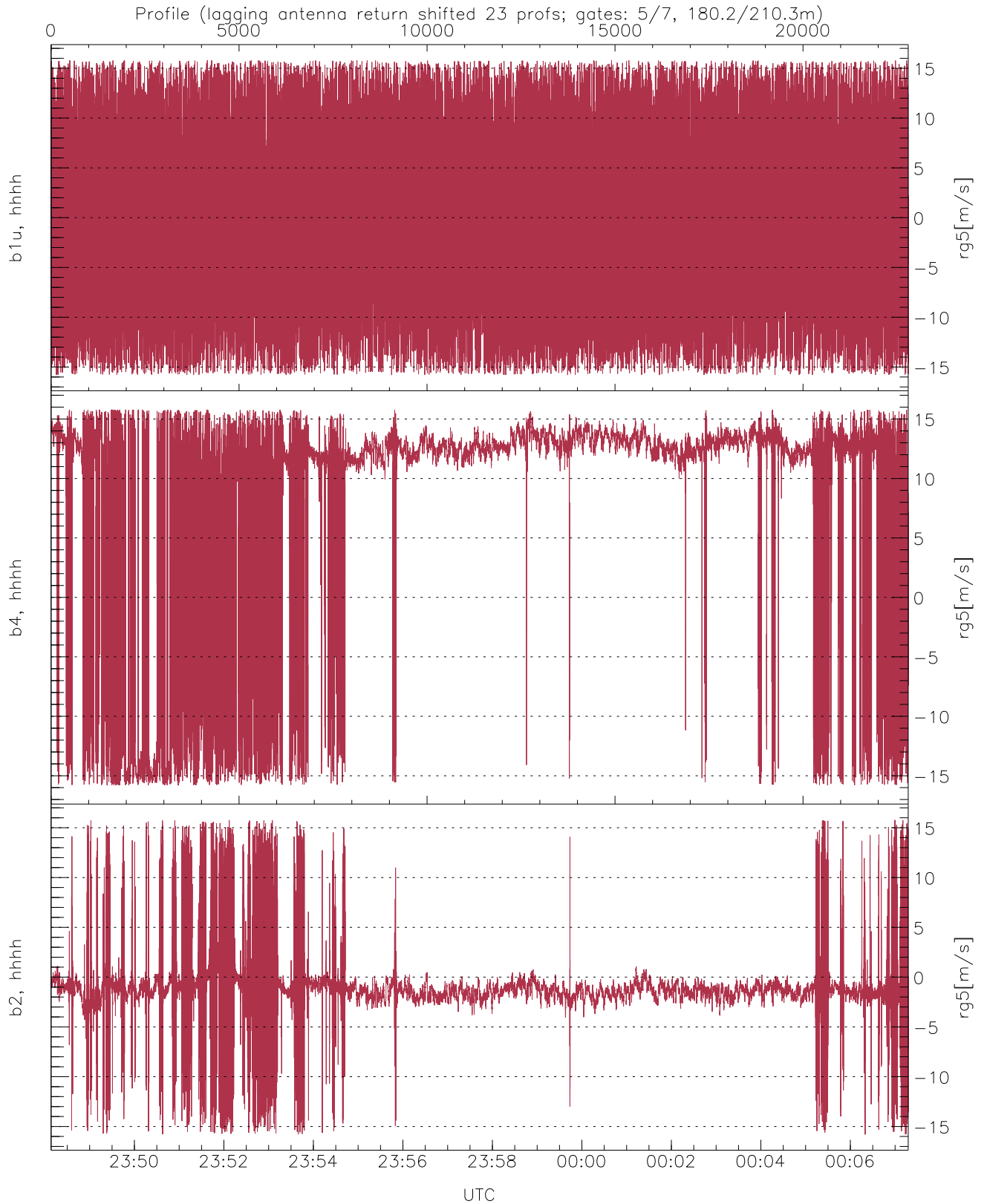
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.67	-61.73	-62.62
down-fore(hh[dBm])	-62.98	-24.74	-39.90
down(hh[dBm])	-63.56	-19.90	-35.91



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

	Min	Max	Mean
up/down (dB)	-42.79	1.30	-15.15
down/down-fore (dB)	-28.97	32.94	2.41



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.02	9.02
b4, hhhh(rg5[m/s])	-15.80	15.80	7.94	9.09
b2, hhhh(rg5[m/s])	-15.80	15.78	-1.15	3.54