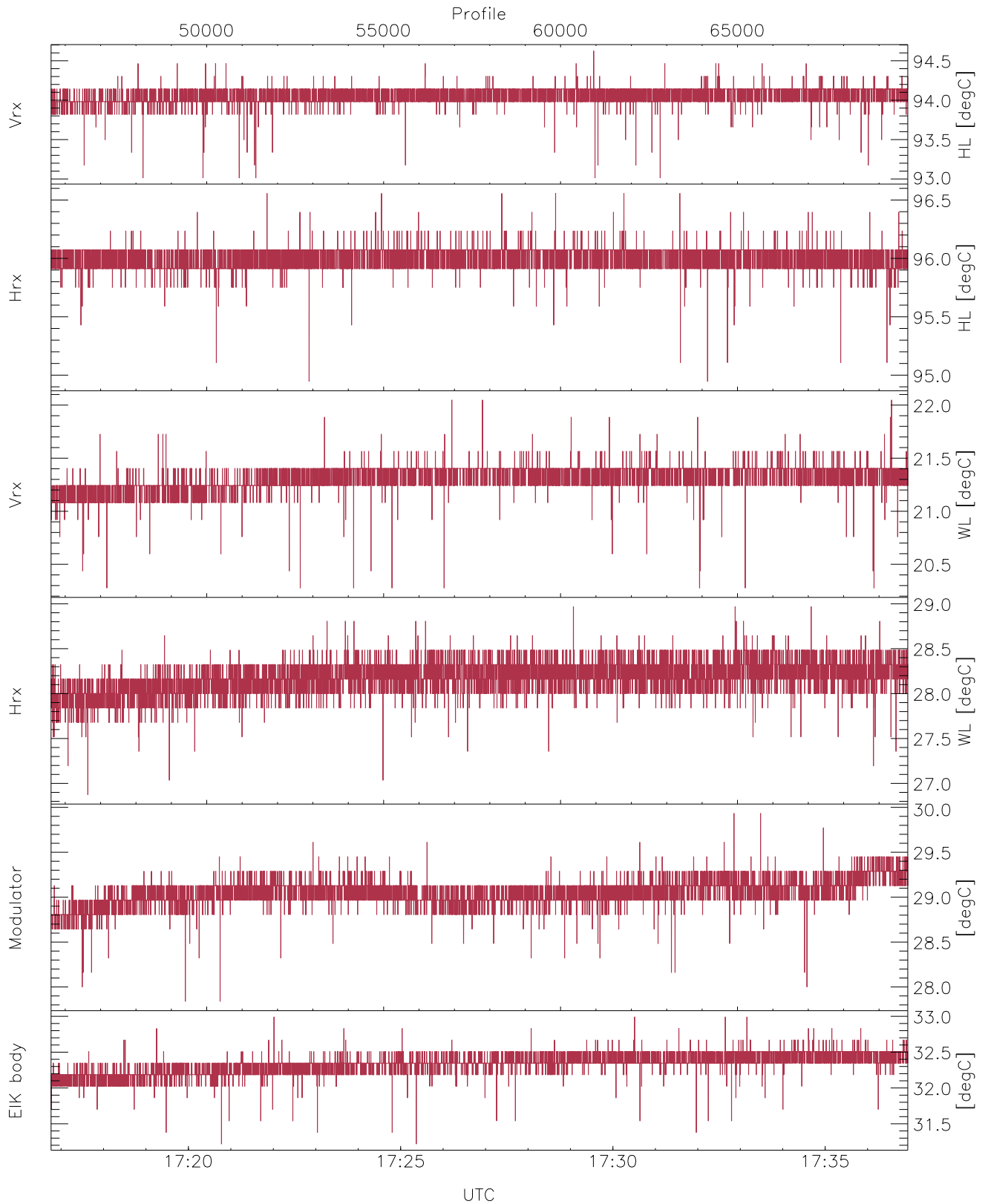


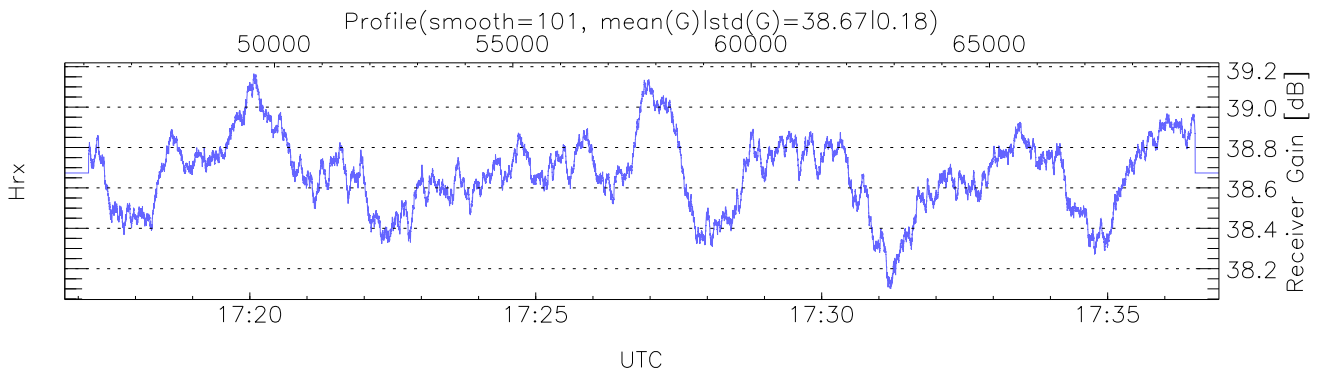
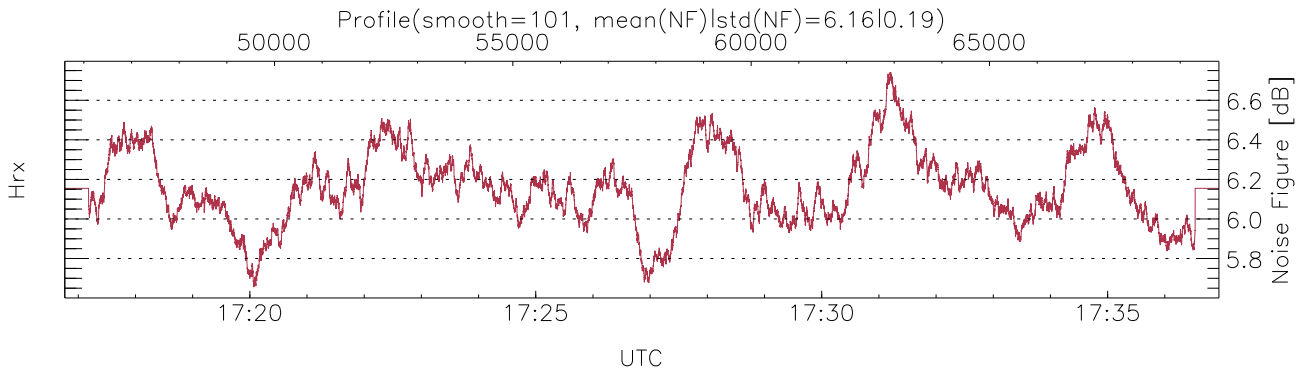
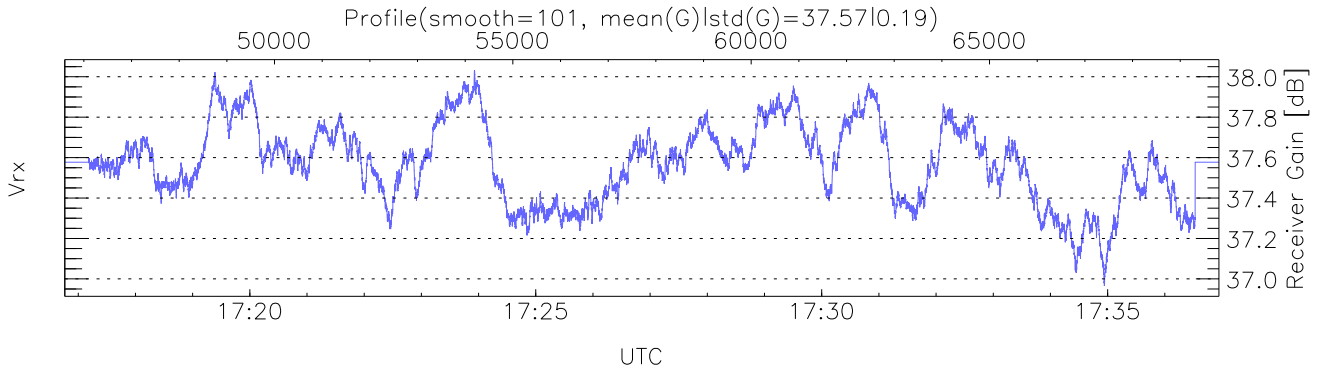
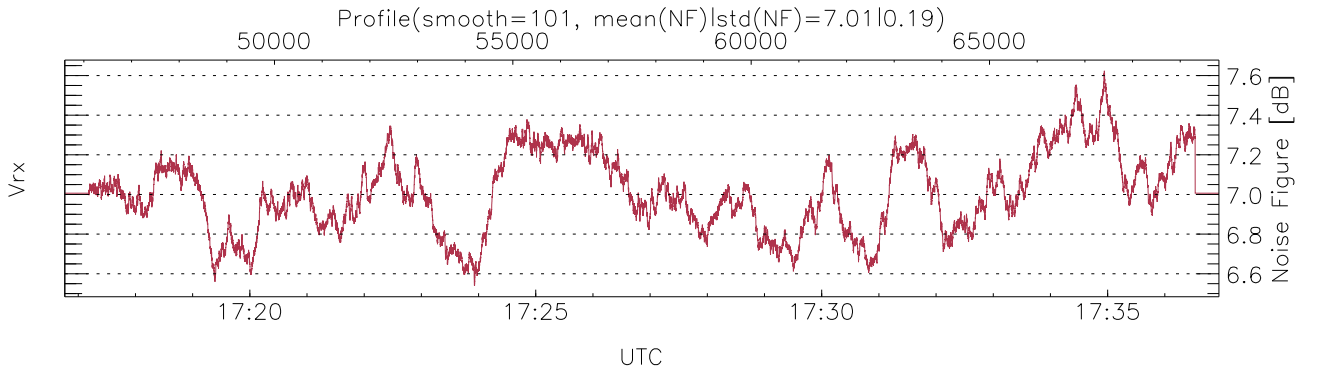
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:38:45-17:36:57, Dur: 3491.52s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.0,50.0,50.0,0.0 ms / 20,20,20  
 NumRec(r/t): 24214/69814, 45600-69813/17:16:46-17:36:57  
 AcqTime: 50.0ms, Rate: 113KB/s, Averages: 250  
 Pulse: 200ns, IFF: 5.0MHz, Tx: V2 V2 H2 H2  
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105,3108,15.0 m, Gates: 201, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



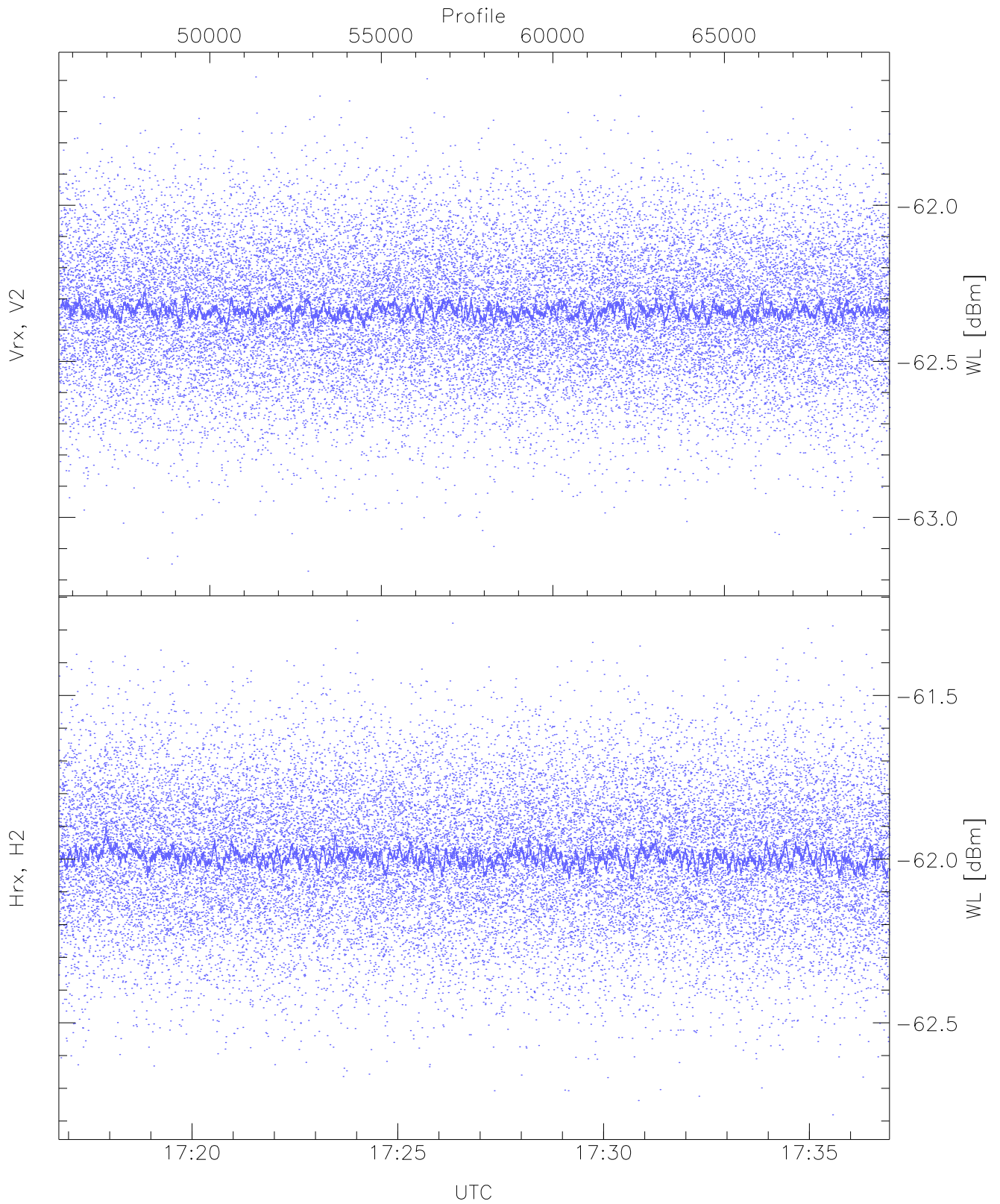
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,26,27,31  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,28,29,32  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,ColIT,BodyCurr,DeckF,OverDuty,HVPS (35,35,35,35,35,5)



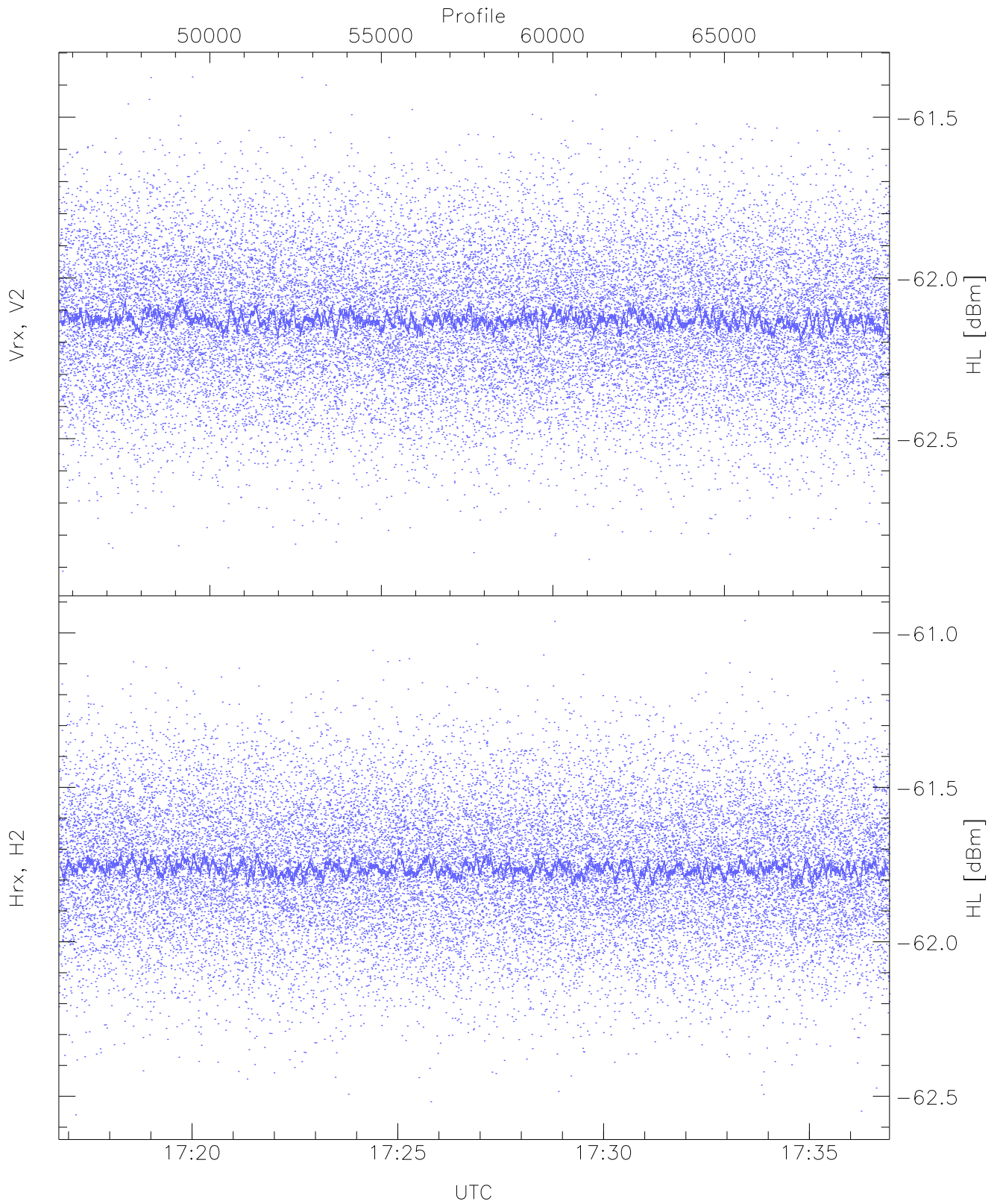
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1692 pixs, 66 gates, 1690 profs, 2 prods



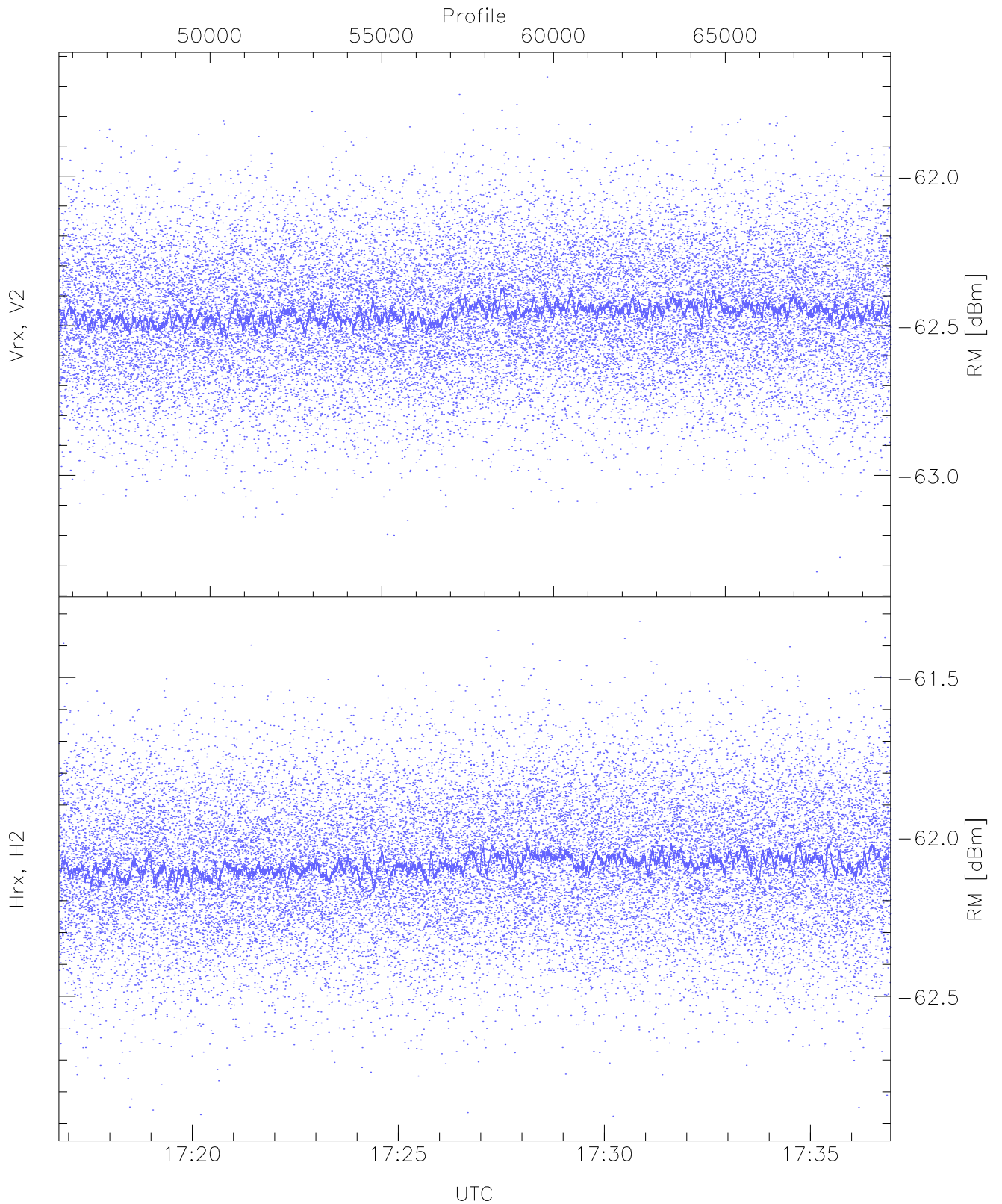
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.17	-61.59	-62.34	-62.34	-75.75
Hrx, H2(WL [dBm])	-62.78	-61.27	-61.99	-61.99	-75.43



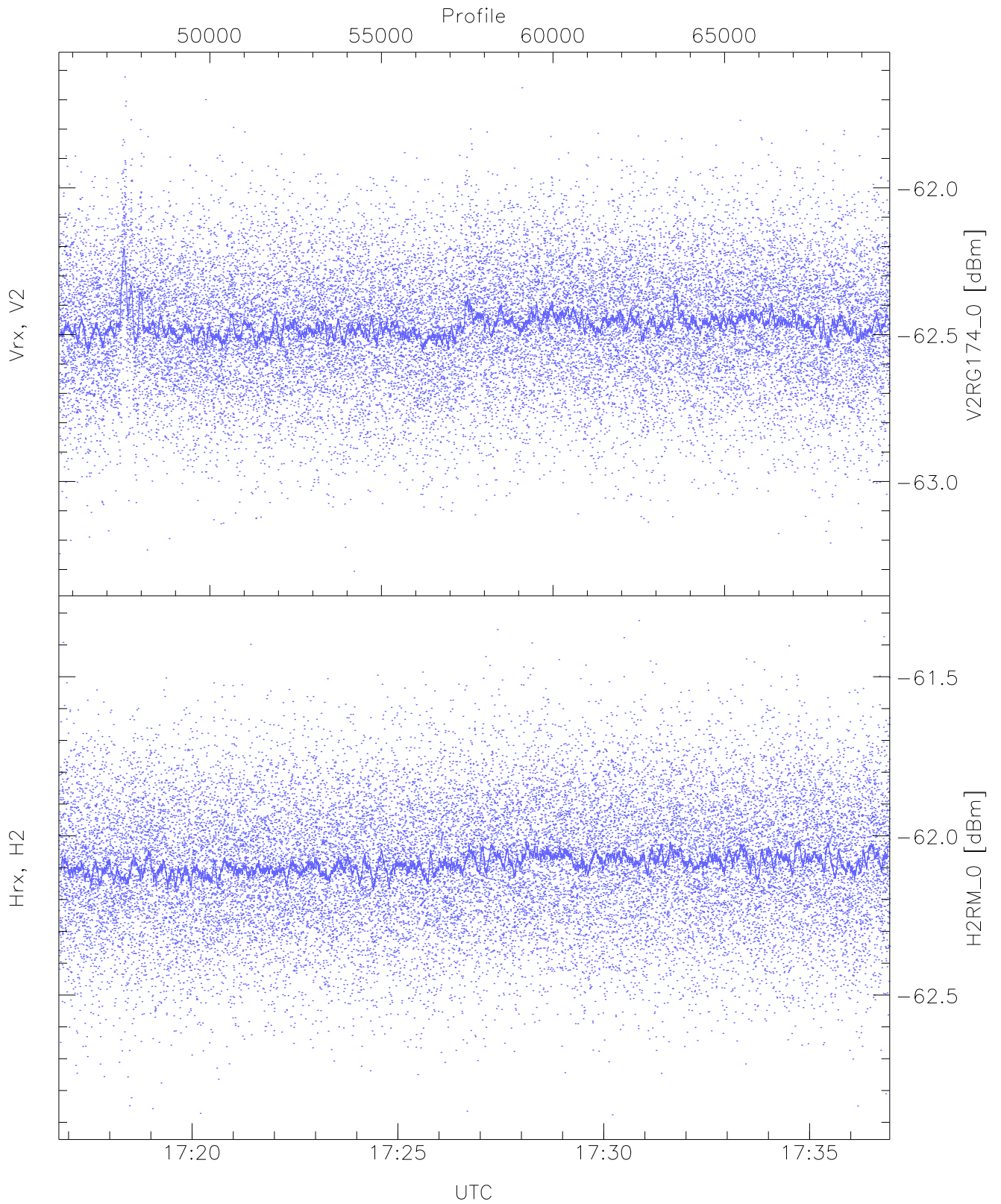
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-62.91	-61.37	-62.13	-62.13	-75.55
Hrx, H2(HL [dBm])	-62.56	-60.96	-61.76	-61.77	-75.18



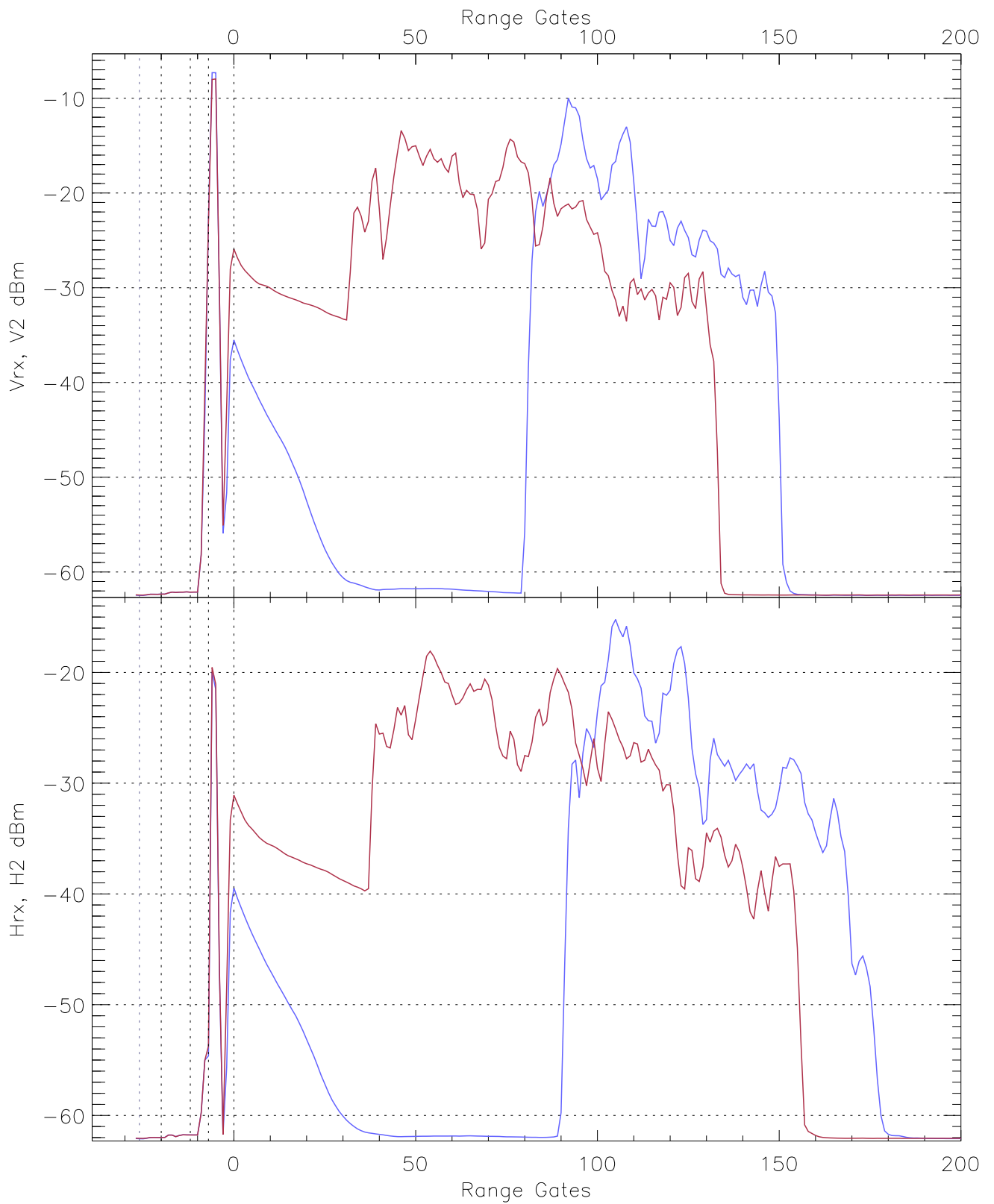
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.32	-61.67	-62.46	-62.46	-75.86
Hrx, H2(RM [dBm])	-62.88	-61.32	-62.09	-62.09	-75.50



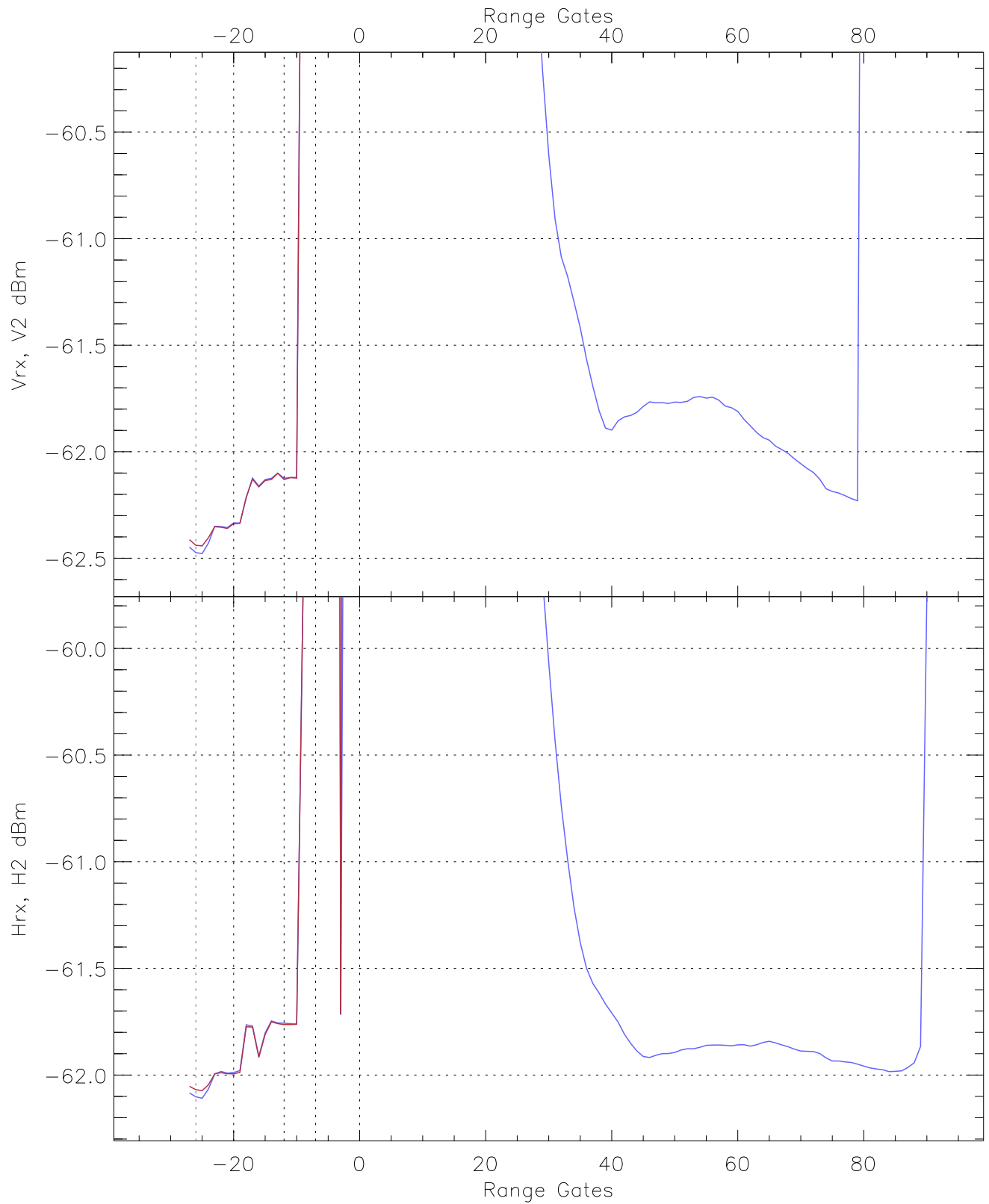
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
V2RG174_0 [dBm]	-63.31	-61.62	-62.47	-62.47	-75.82
H2RM_0 [dBm]	-62.88	-61.32	-62.09	-62.09	-75.50

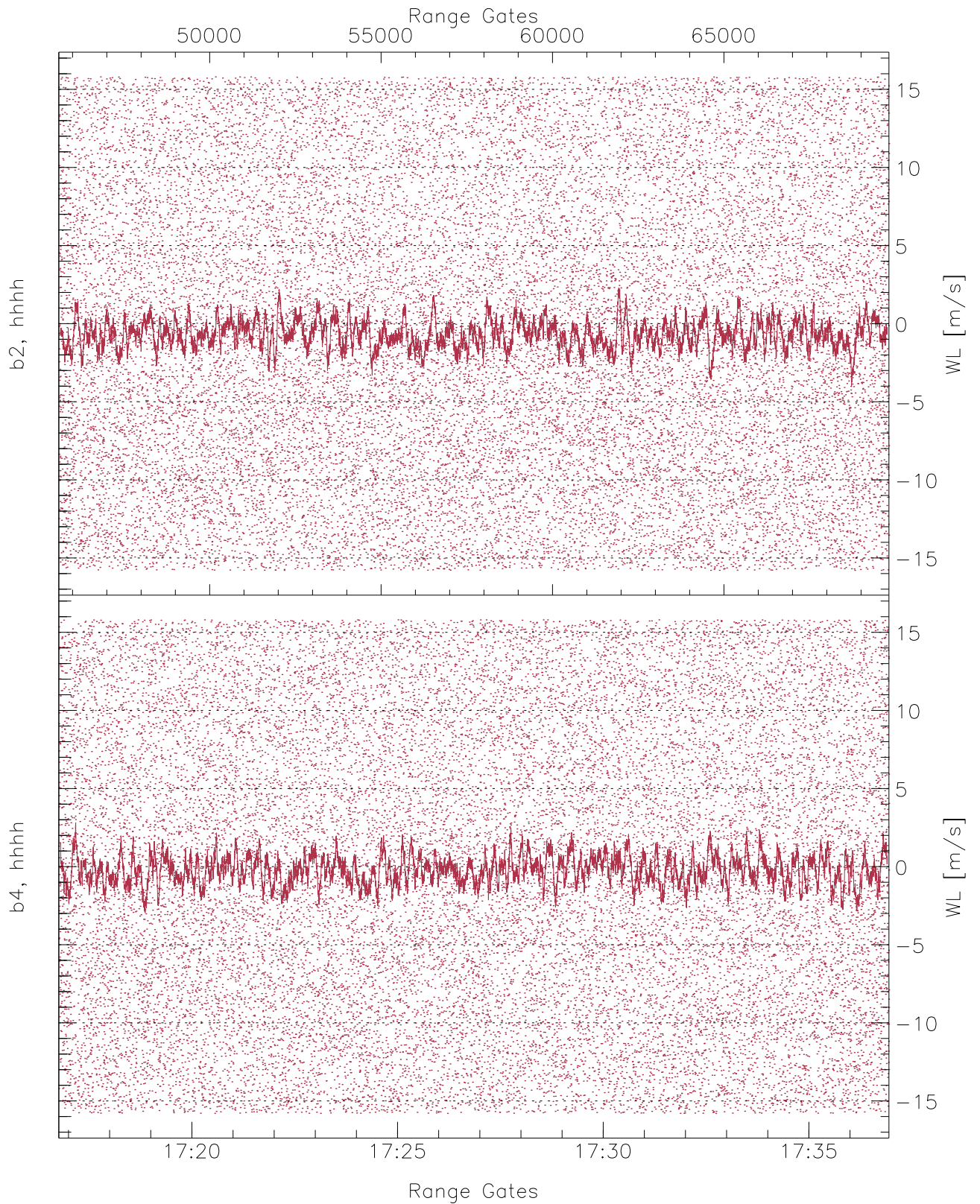


WCR2 CPP Averaged Received power for all recorded gates  
blue: 171646-172651, 12108 profiles averaged  
red: 172651-173657, 12107 profiles averaged

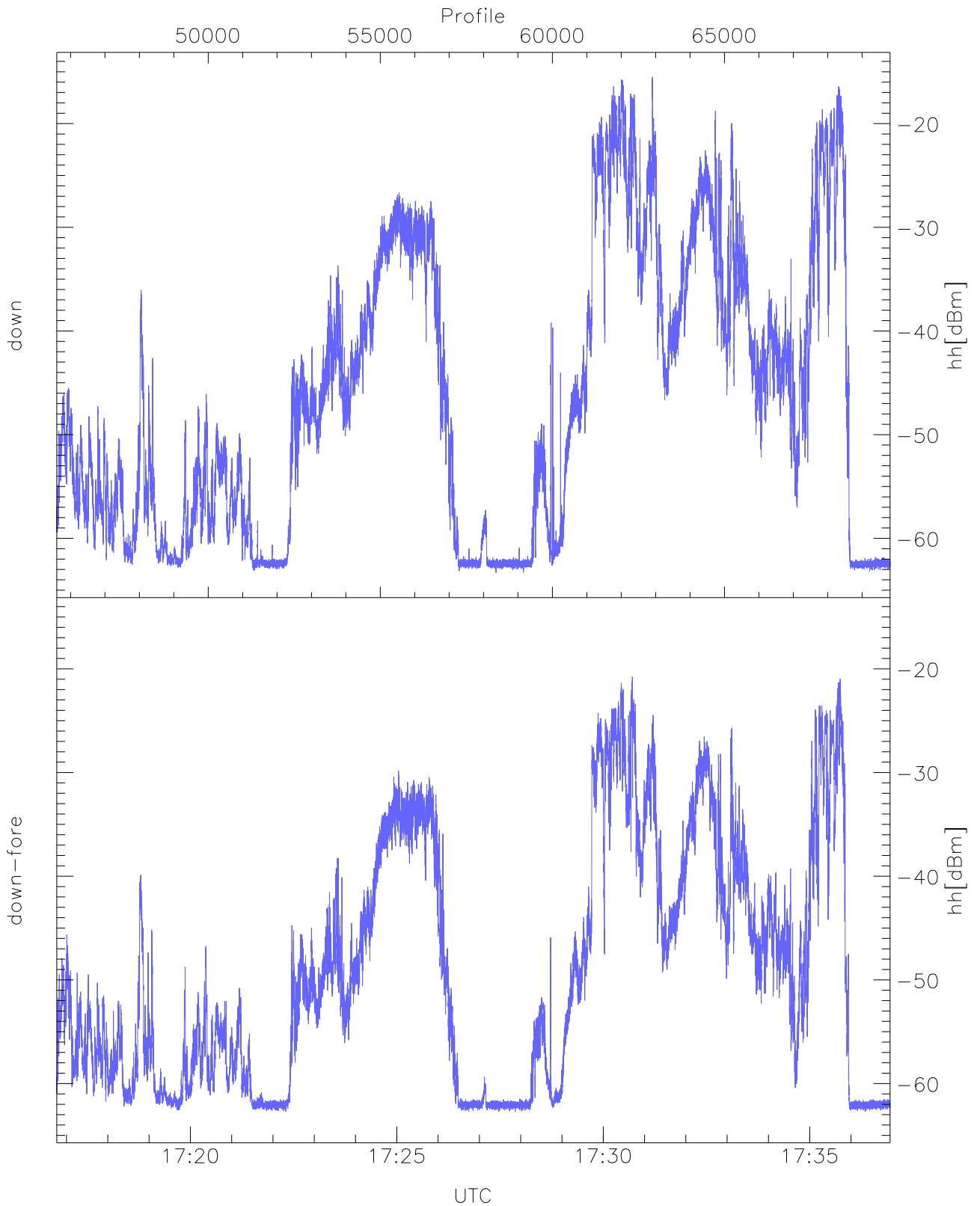




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 171646-172651, 12108 profiles averaged  
red: 172651-173657, 12107 profiles averaged

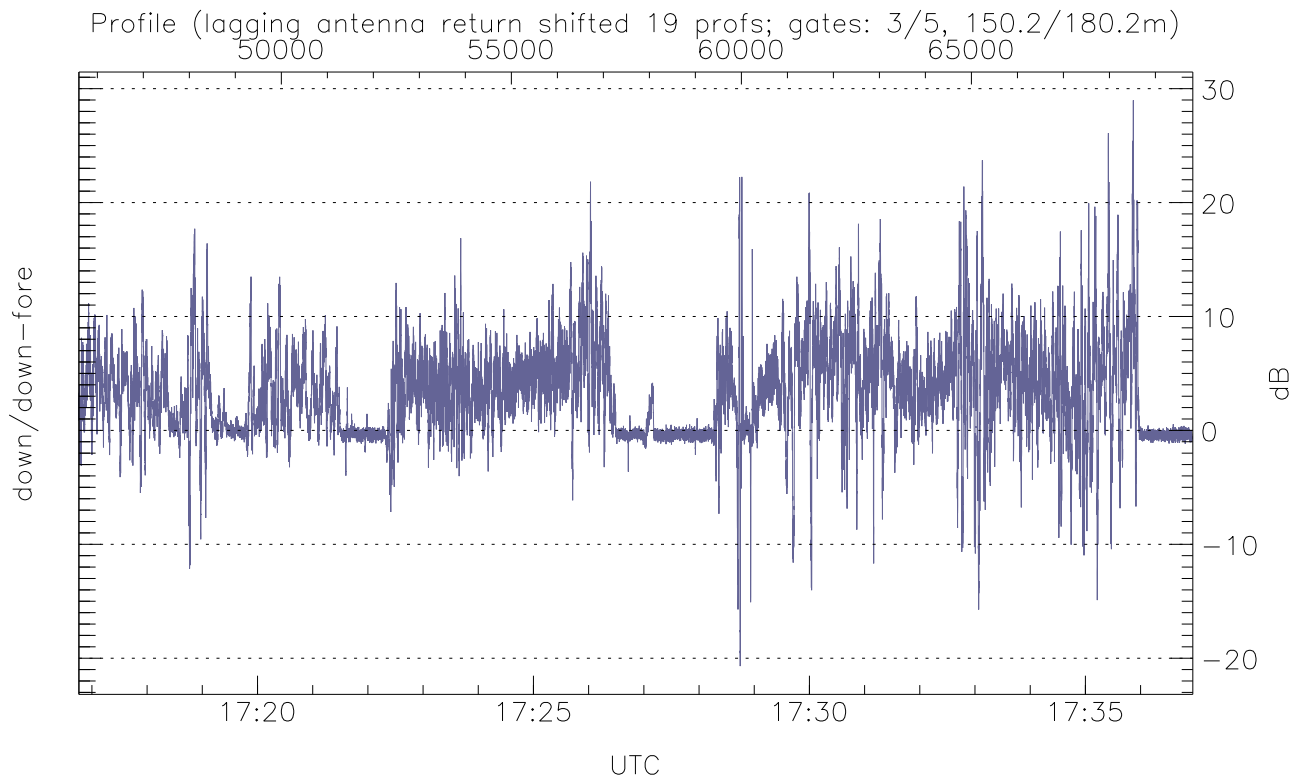


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



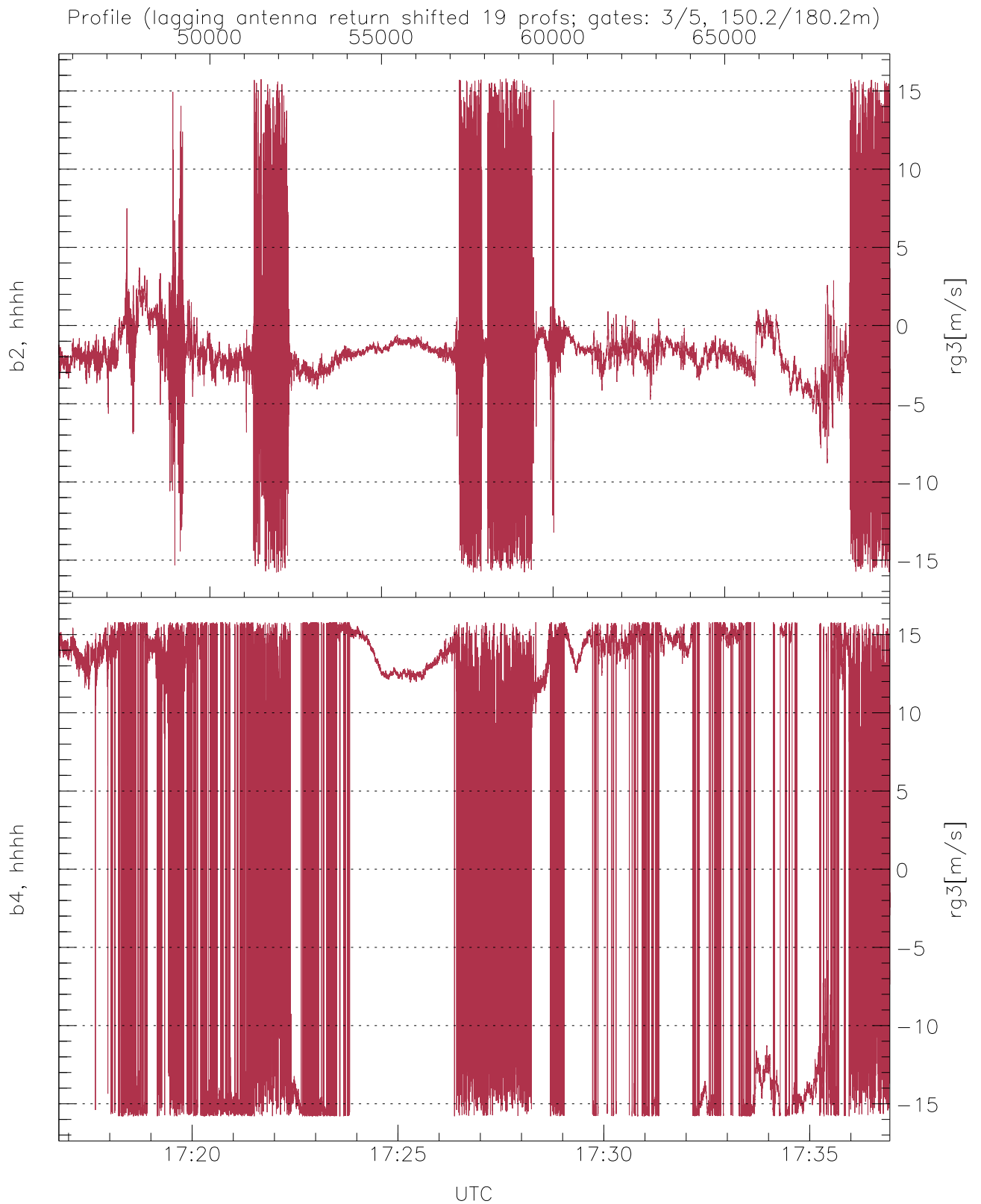
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-63.32	-15.52	-30.81
down-fore(hh[dBm])	-62.72	-20.78	-35.79



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
down/down-fore(dB)	-20.69	28.97	3.28



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.78	15.78	-1.62	3.78
b4, hhhh(rg3[m/s])	-15.80	15.80	3.67	13.09