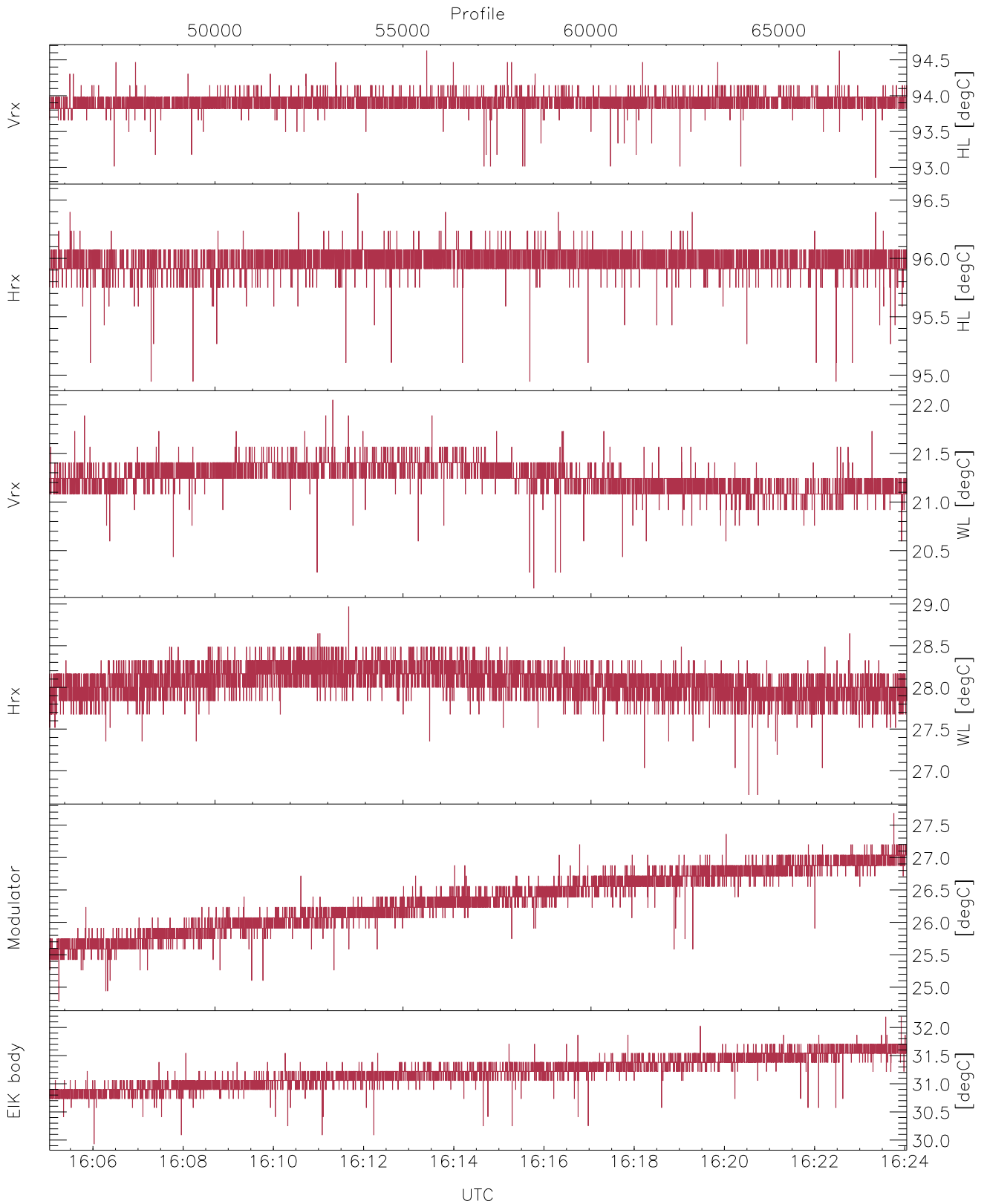


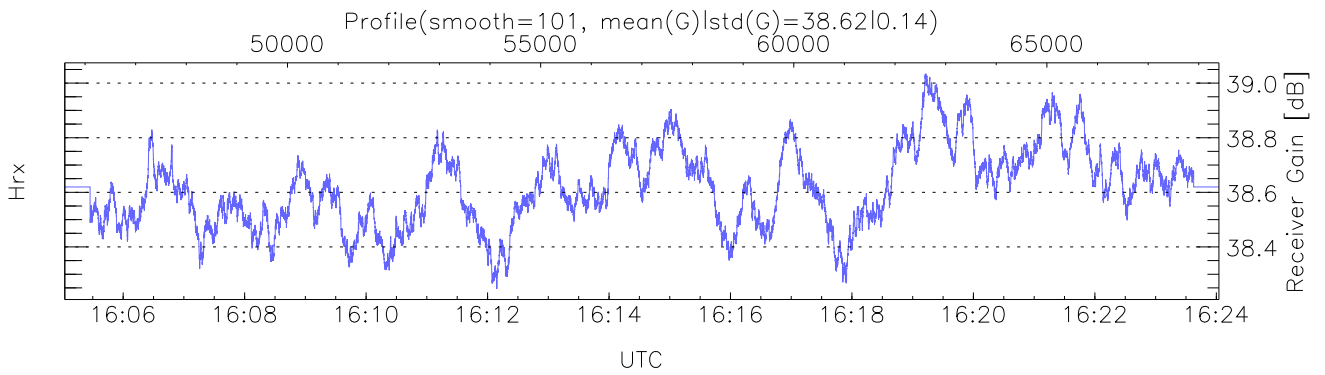
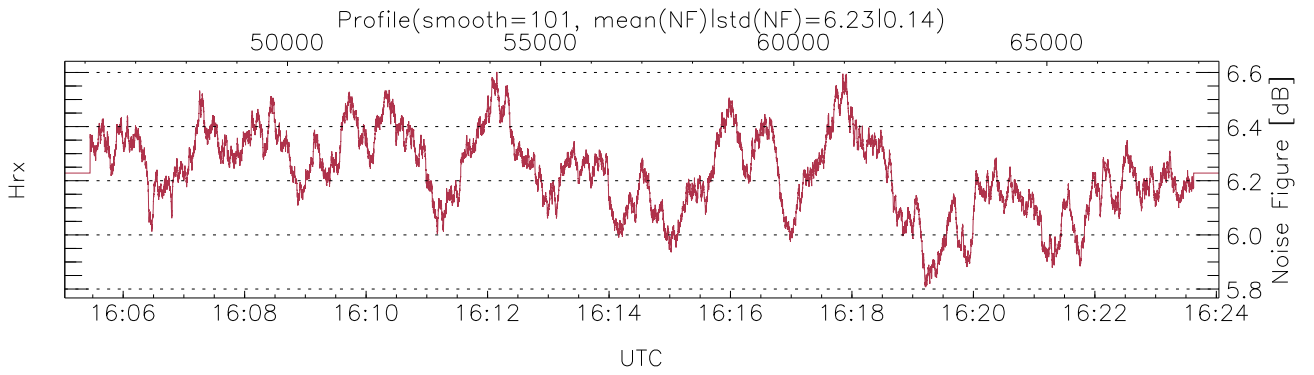
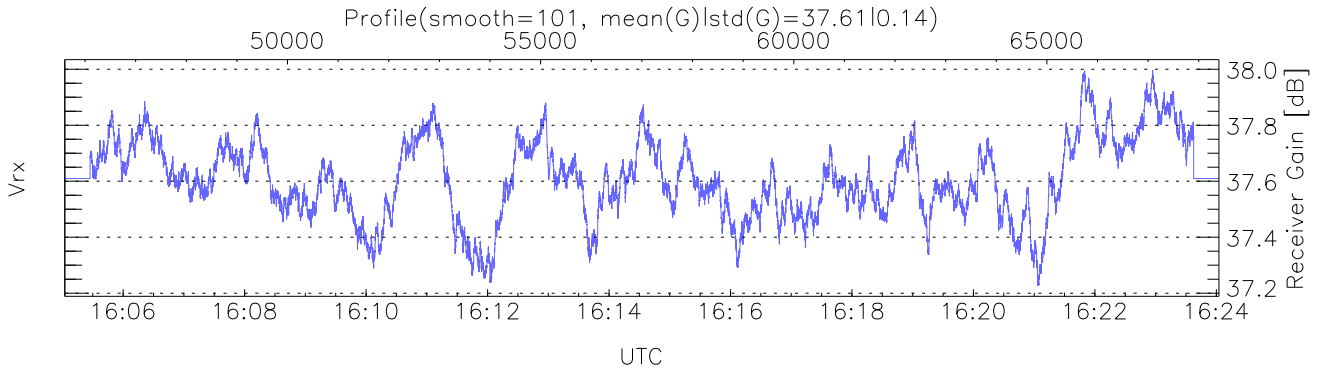
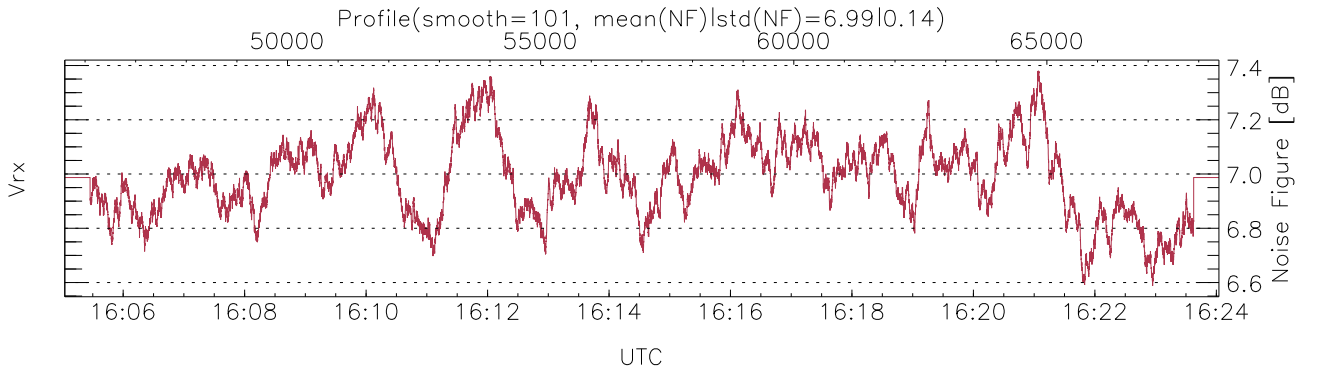
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:27:02-16:38:43, Dur: 4301.33s  
 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): 22800/86006, 45600-68399/16:05:02-16:24:03  
 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



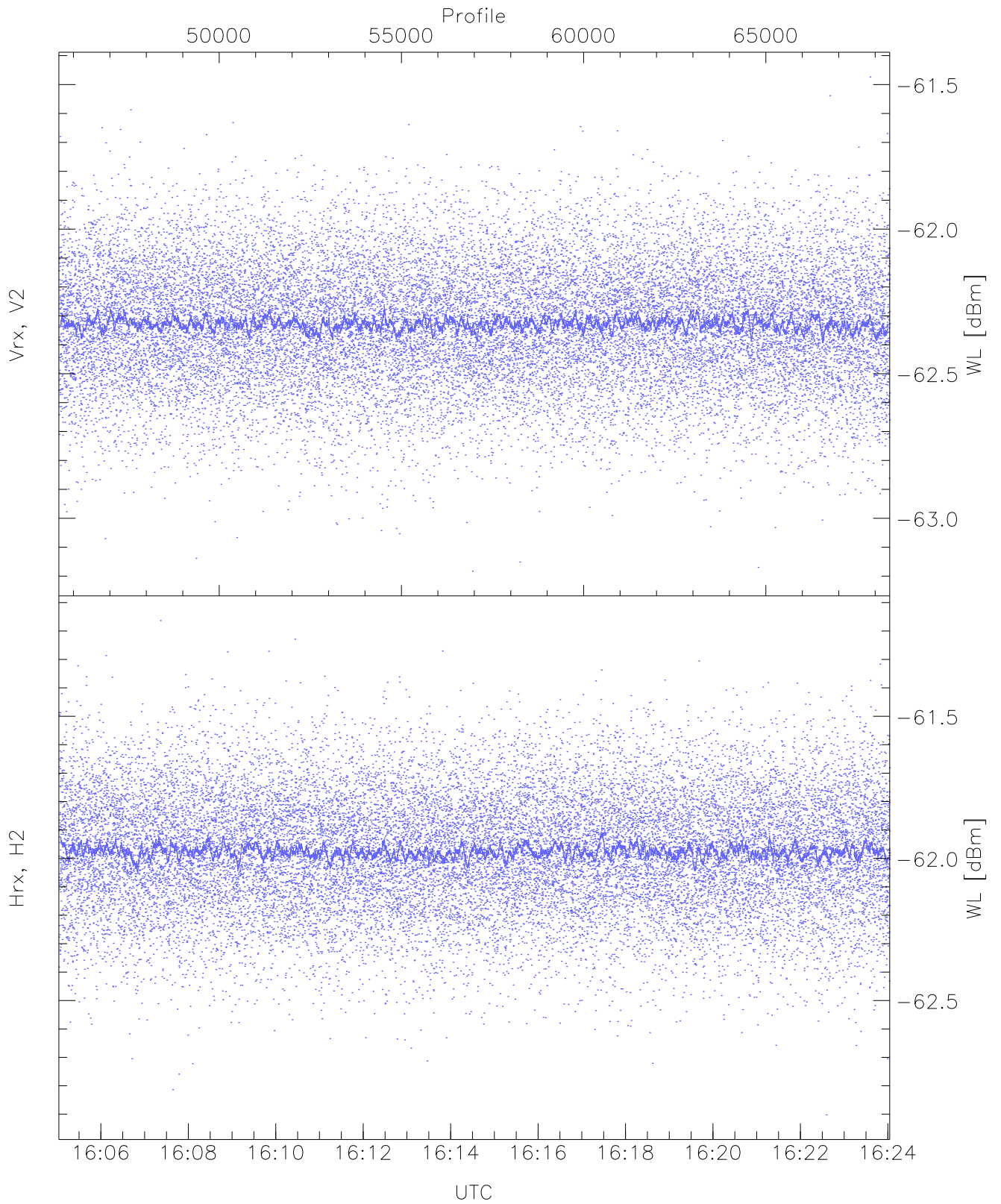
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,26,24,29  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,28,27,32  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,16,11,5)



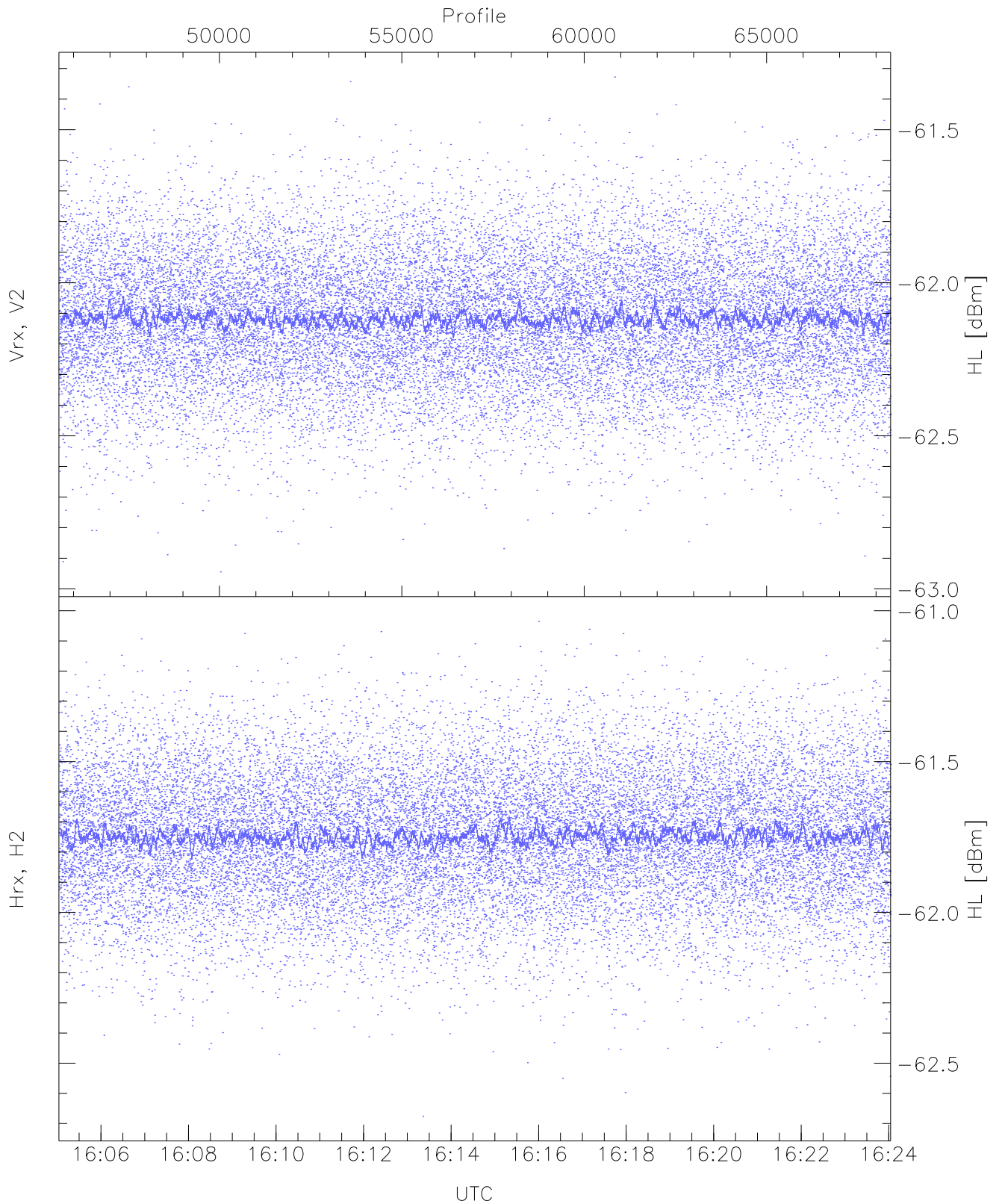
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1494 pixs, 27 gates, 1494 profs, 2 prods



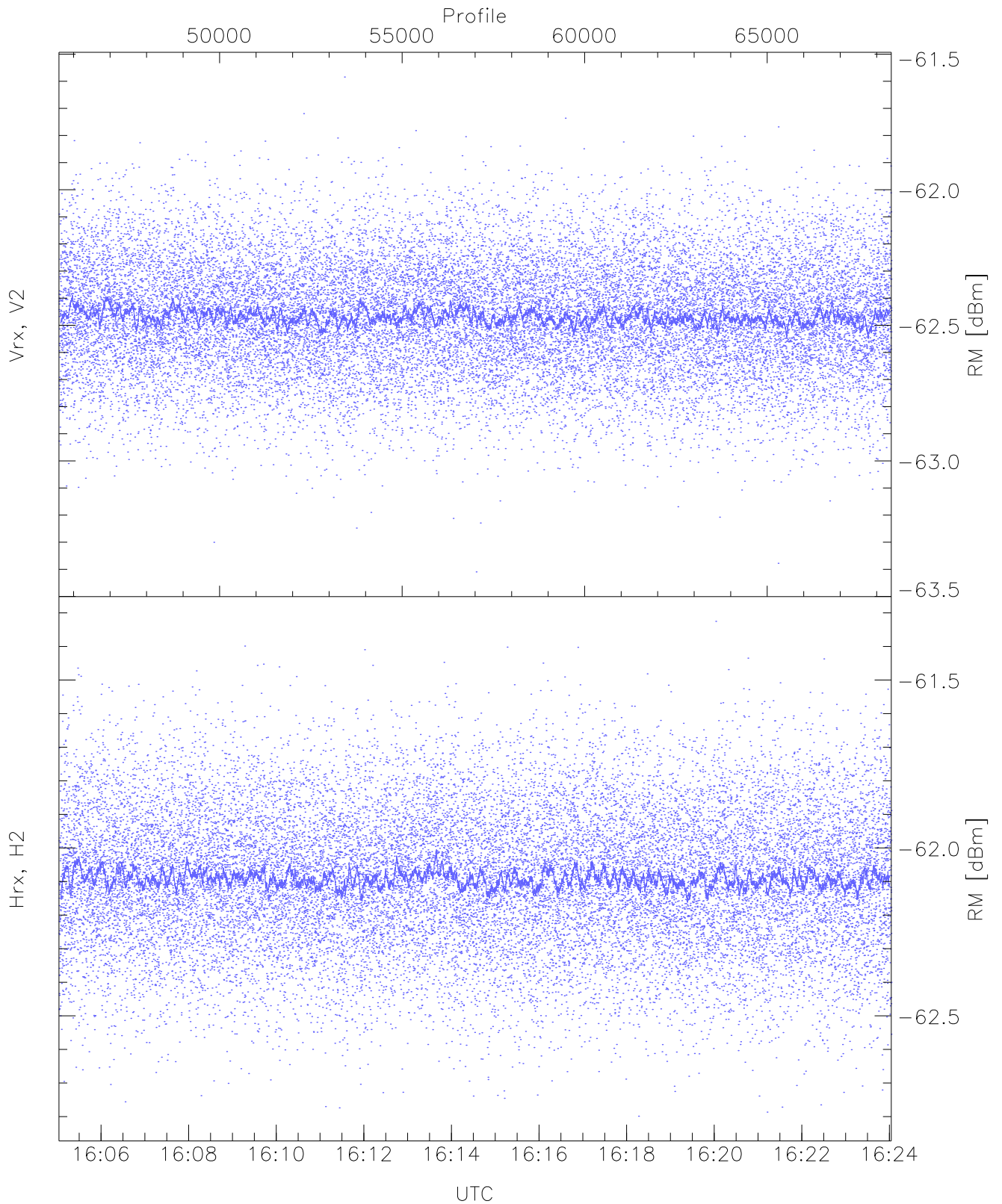
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.18	-61.47	-62.33	-62.33	-75.74
Hrx, H2(WL [dBm])	-62.90	-61.16	-61.97	-61.98	-75.38



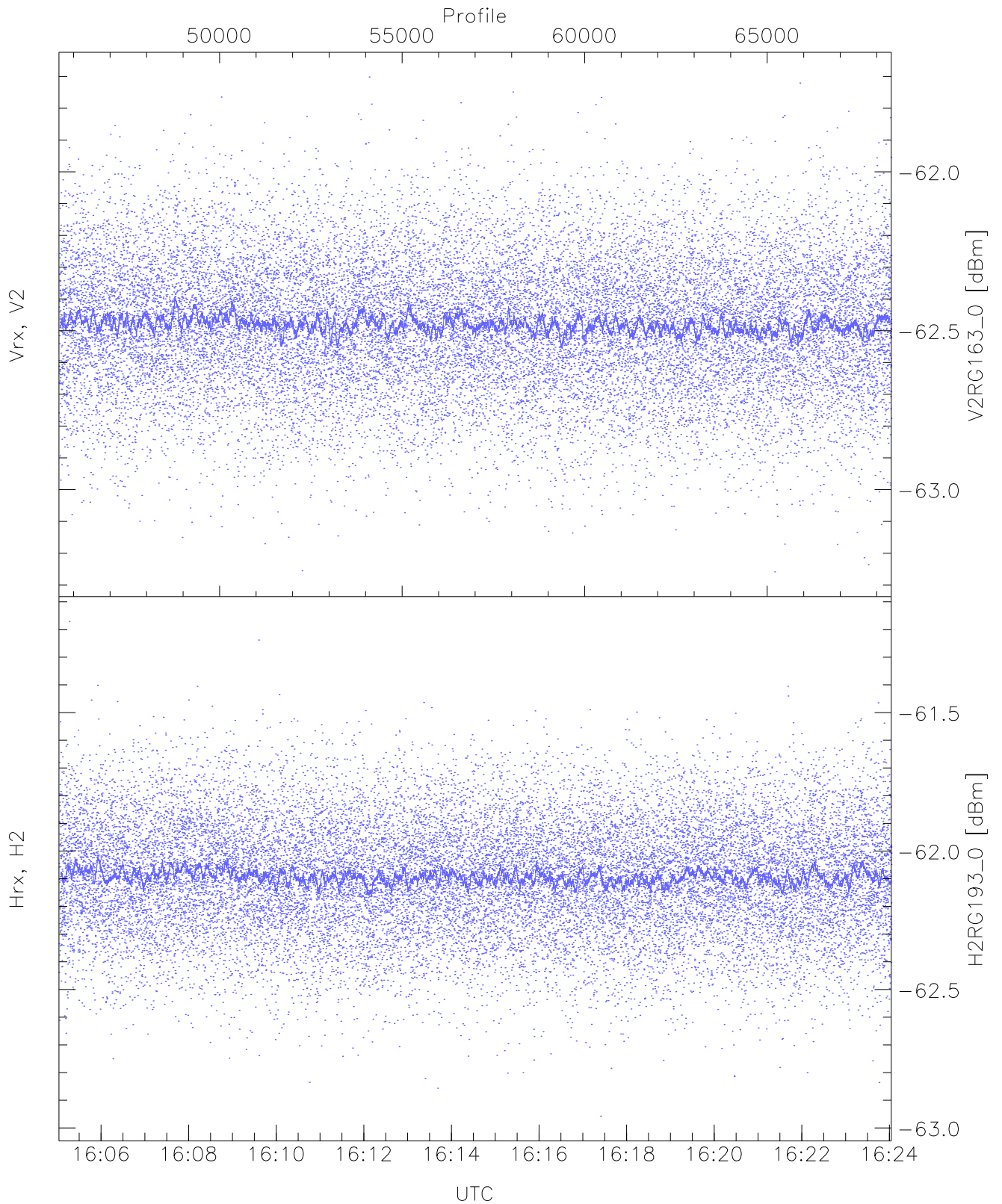
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-62.94	-61.33	-62.11	-62.12	-75.56
Hrx, H2(HL [dBm])	-62.68	-61.04	-61.75	-61.75	-75.17



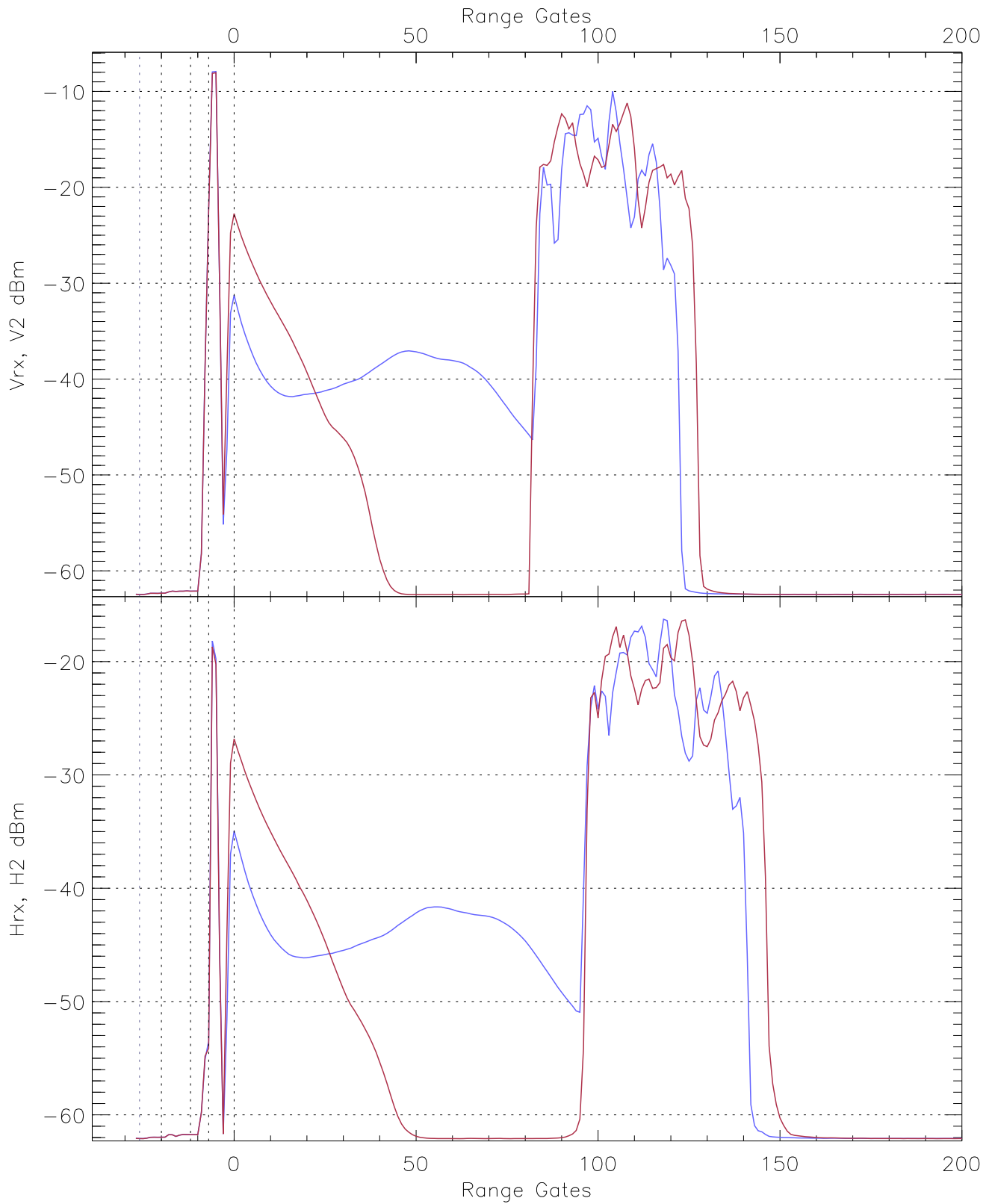
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.41	-61.58	-62.47	-62.47	-75.86
Hrx, H2(RM [dBm])	-62.80	-61.33	-62.09	-62.09	-75.52



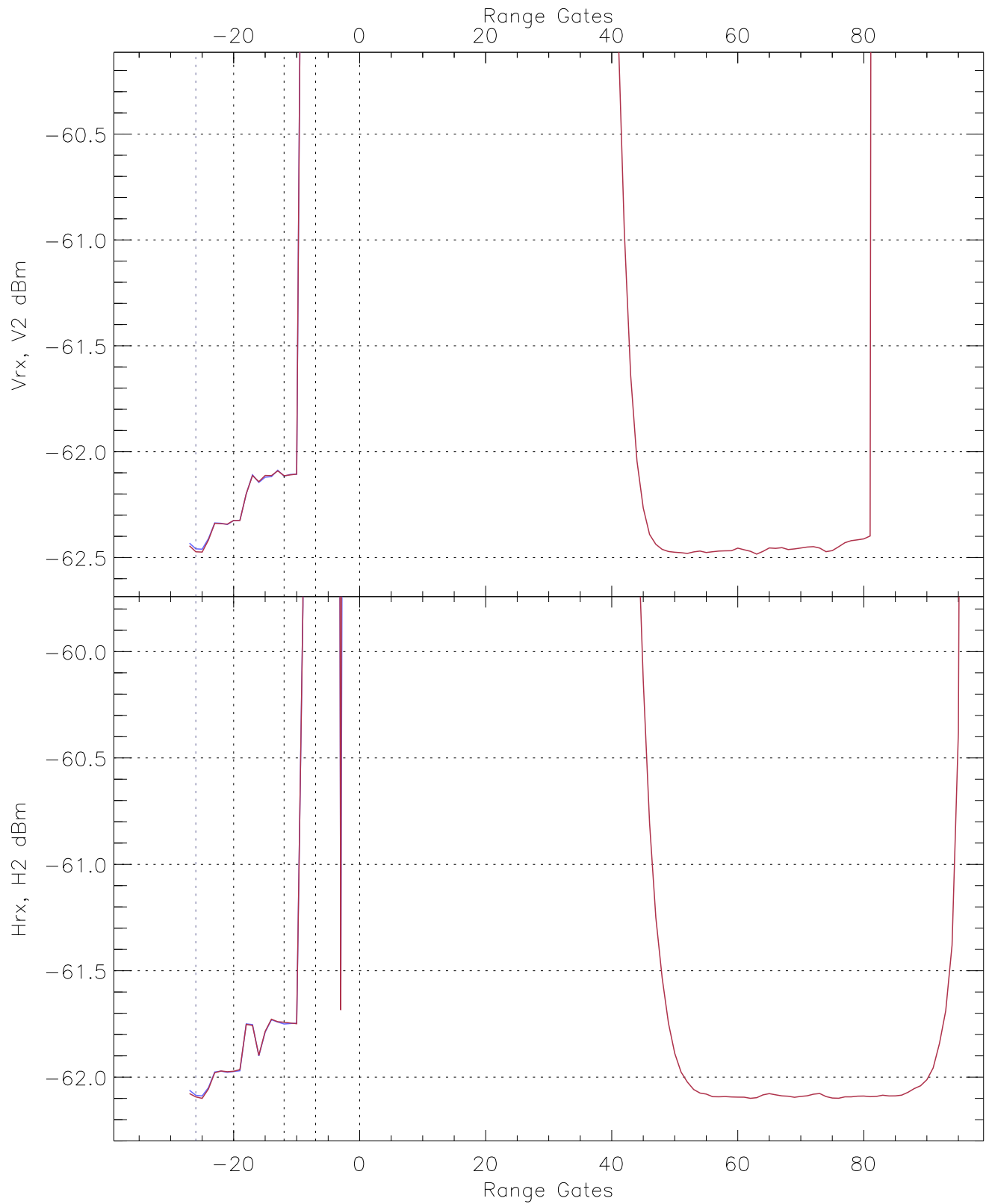
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
V2RG163_0 [dBm]	-63.26	-61.70	-62.48	-62.48	-75.90
H2RG193_0 [dBm]	-62.96	-61.17	-62.09	-62.09	-75.51

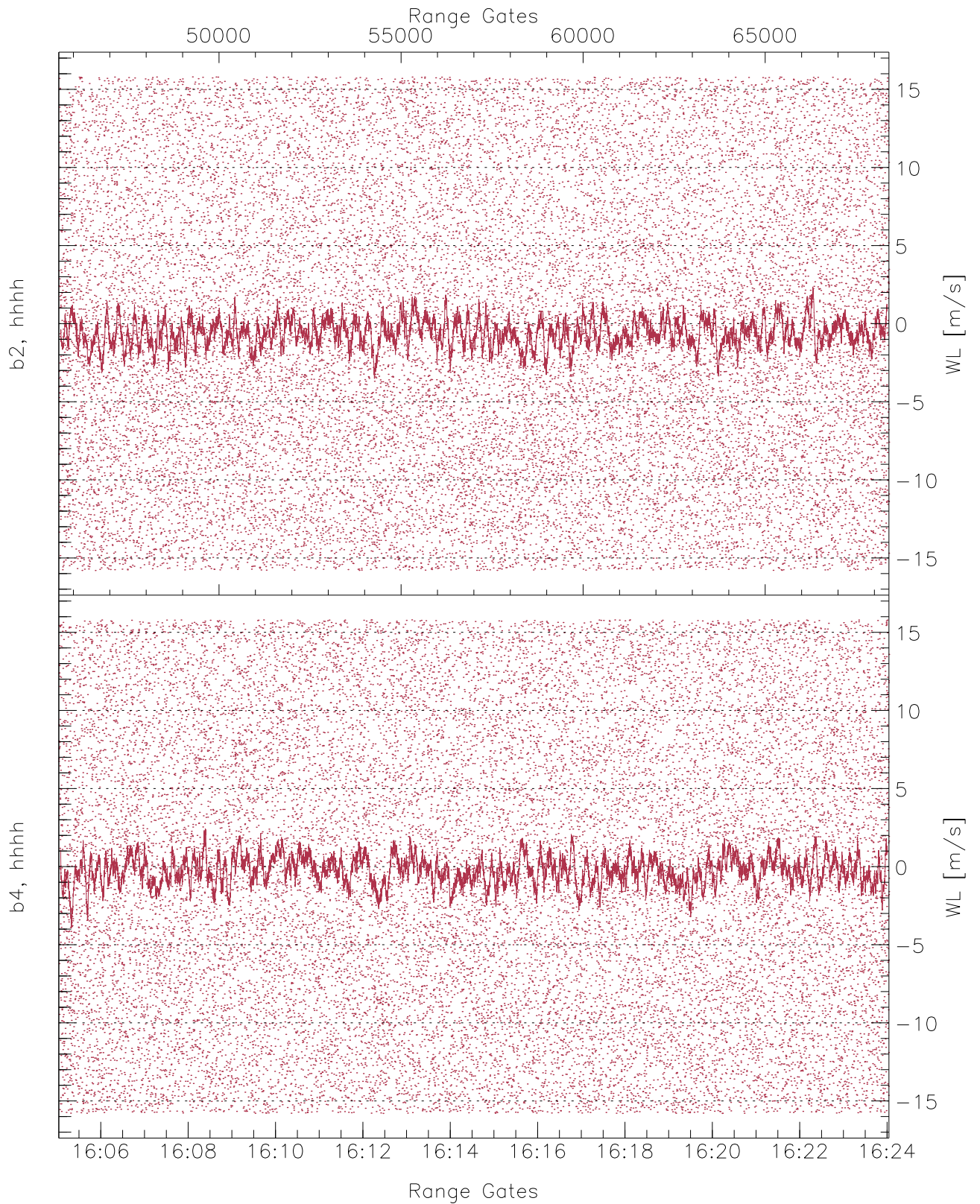


WCR2 CPP Averaged Received power for all recorded gates  
blue: 160502-161432, 11401 profiles averaged  
red: 161432-162403, 11400 profiles averaged

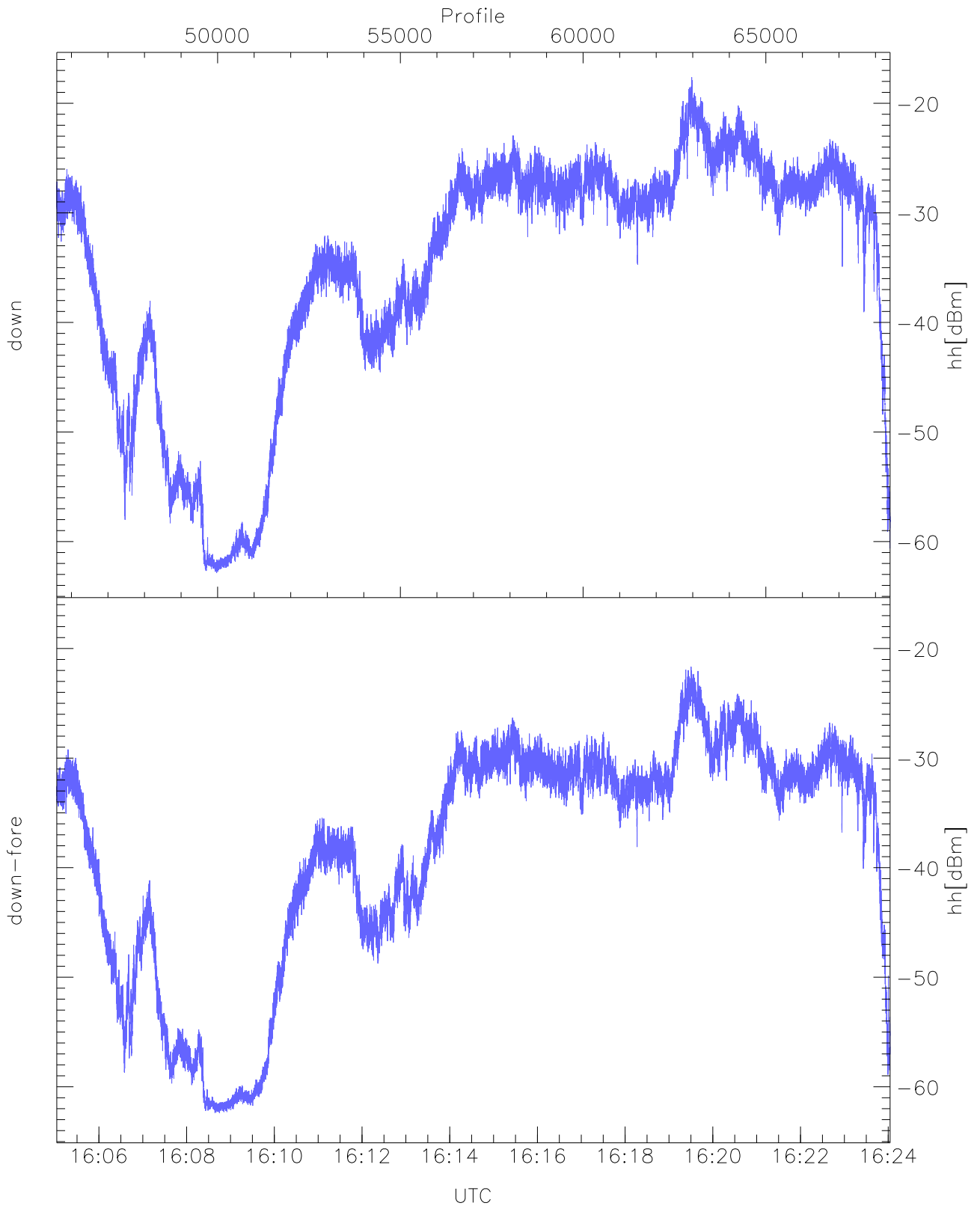




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 160502-161432, 11401 profiles averaged  
red: 161432-162403, 11400 profiles averaged

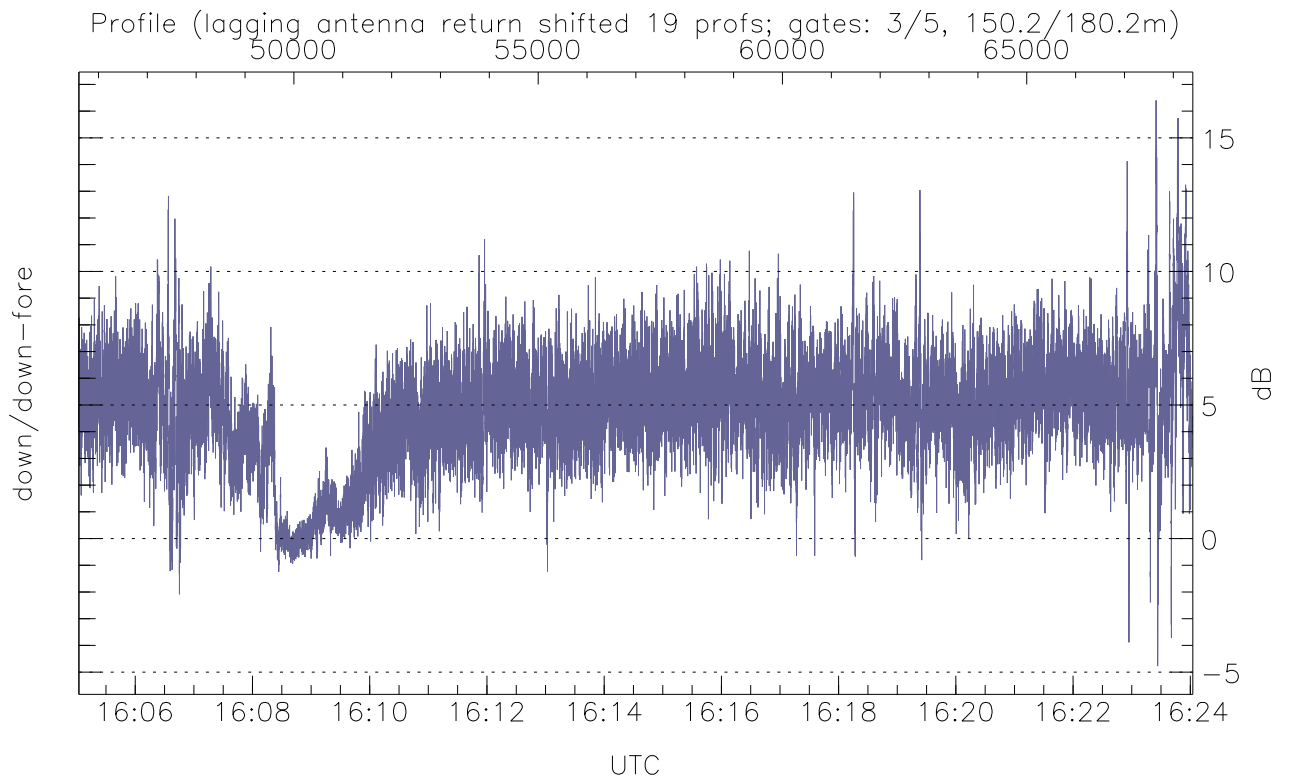


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



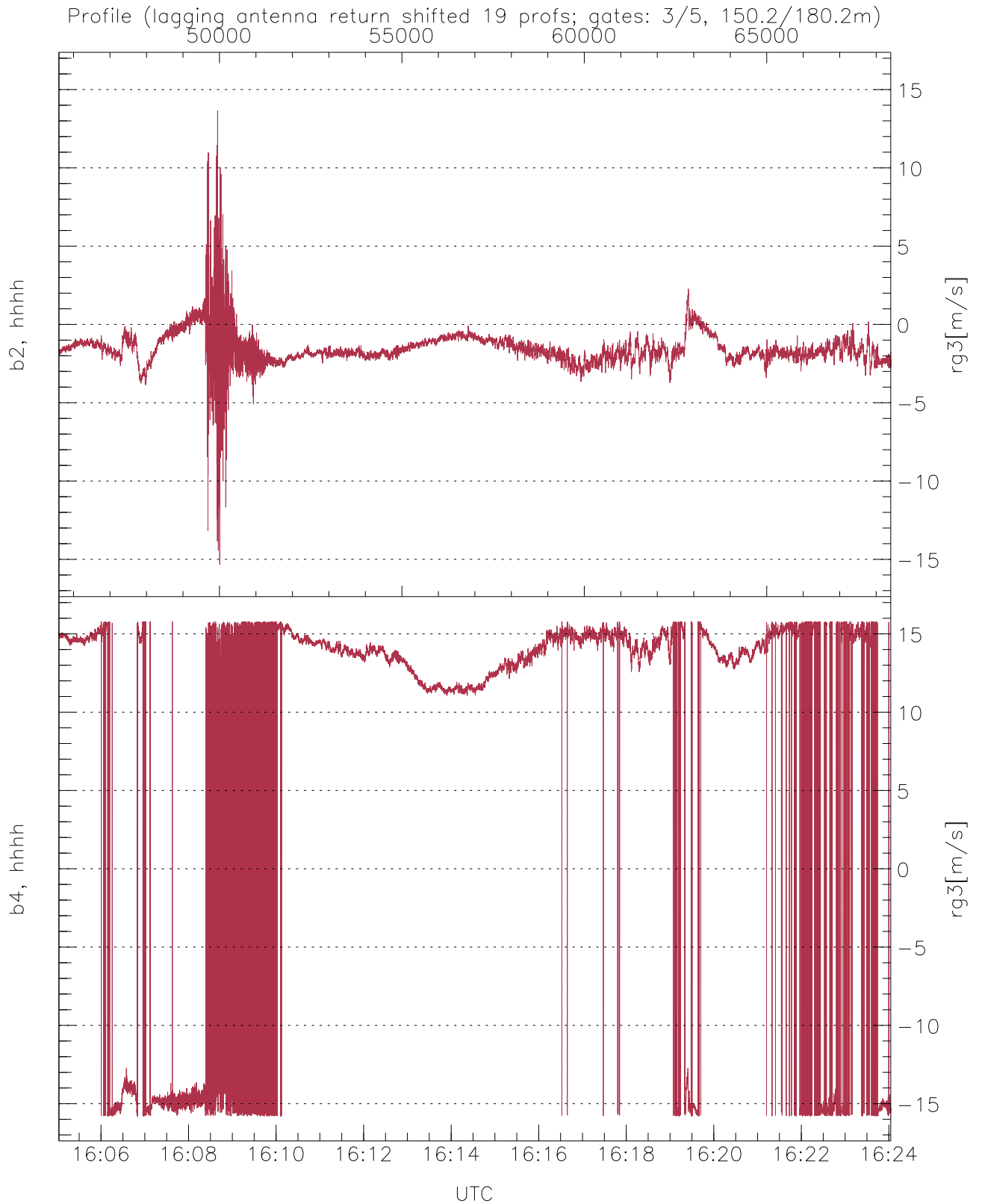
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-62.85	-17.61	-28.68
down-fore(hh[dBm])	-62.38	-21.67	-32.22



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

	Min	Max	Mean
down/down-fore(dB)	-4.77	16.40	4.78



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.34	13.66	-1.56	0.96
b4, hhhh(rg3[m/s])	-15.80	15.80	7.45	12.22