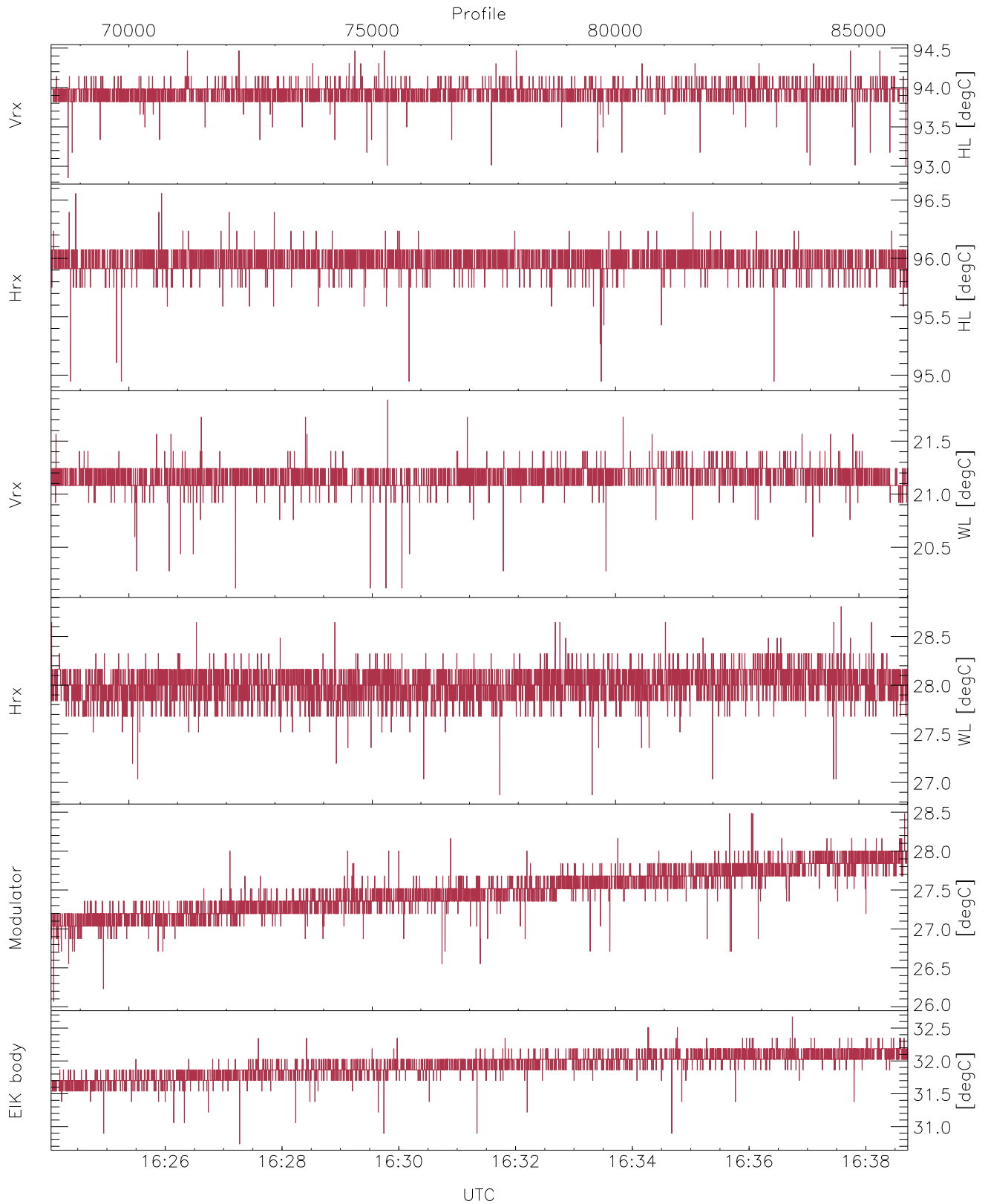


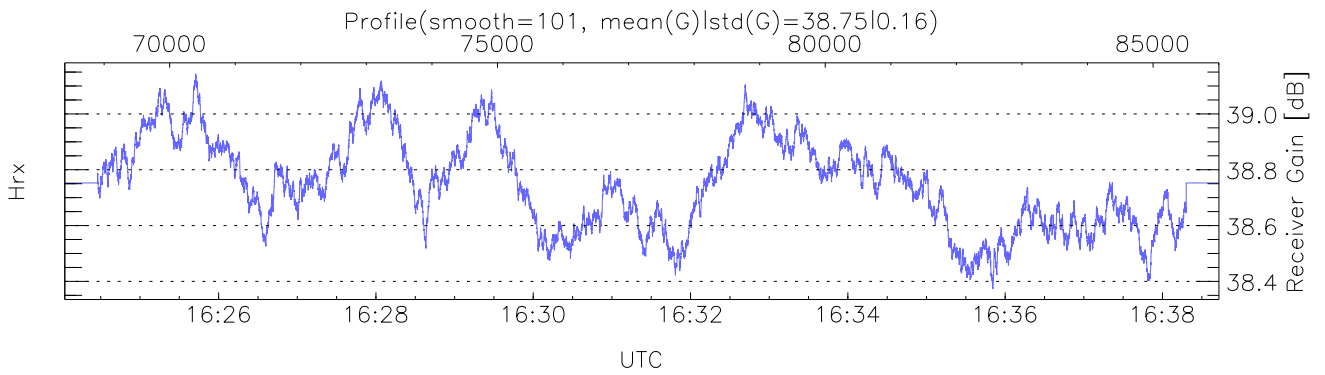
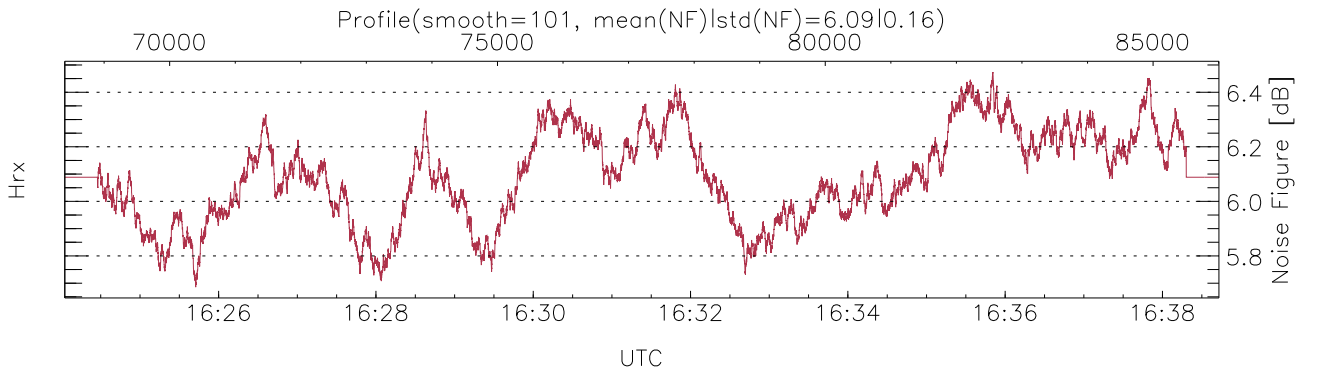
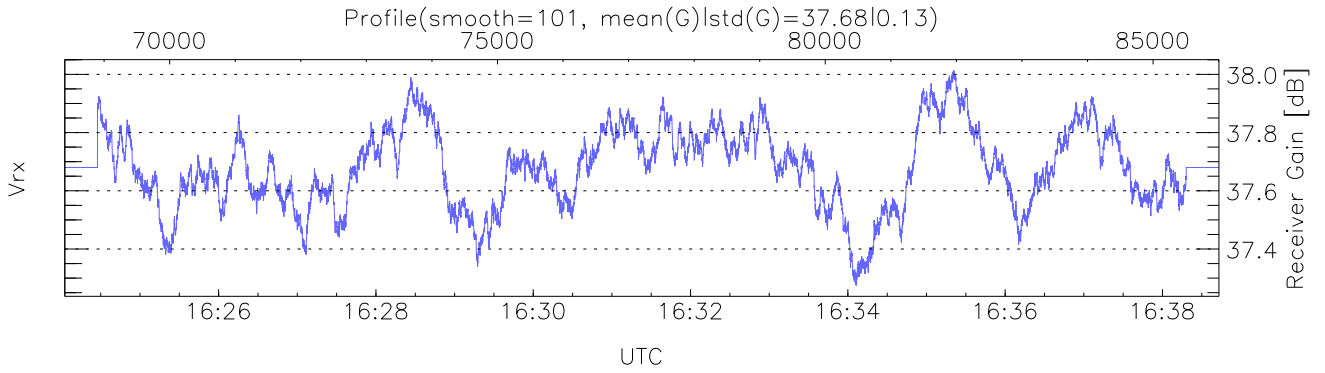
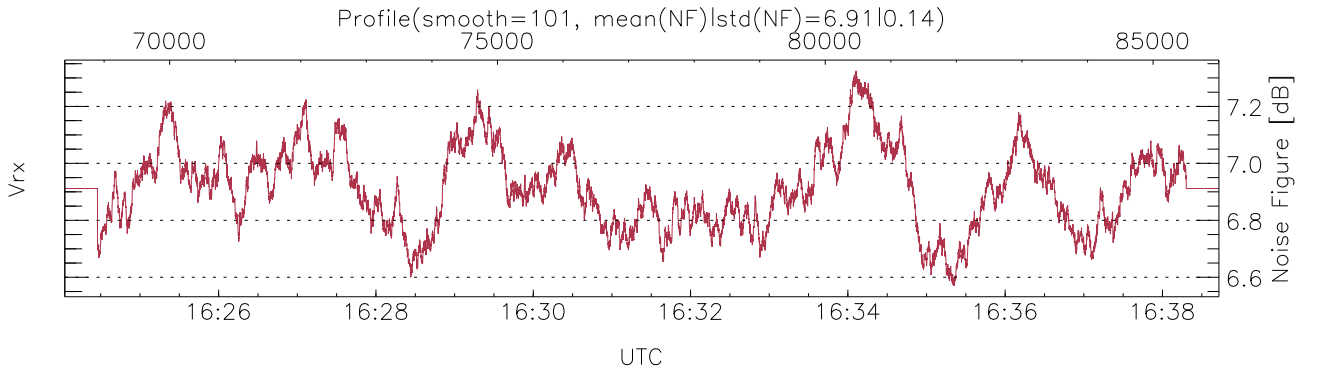
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

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): 17606/86006, 68400-86005/16:24:03-16:38:43  
 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



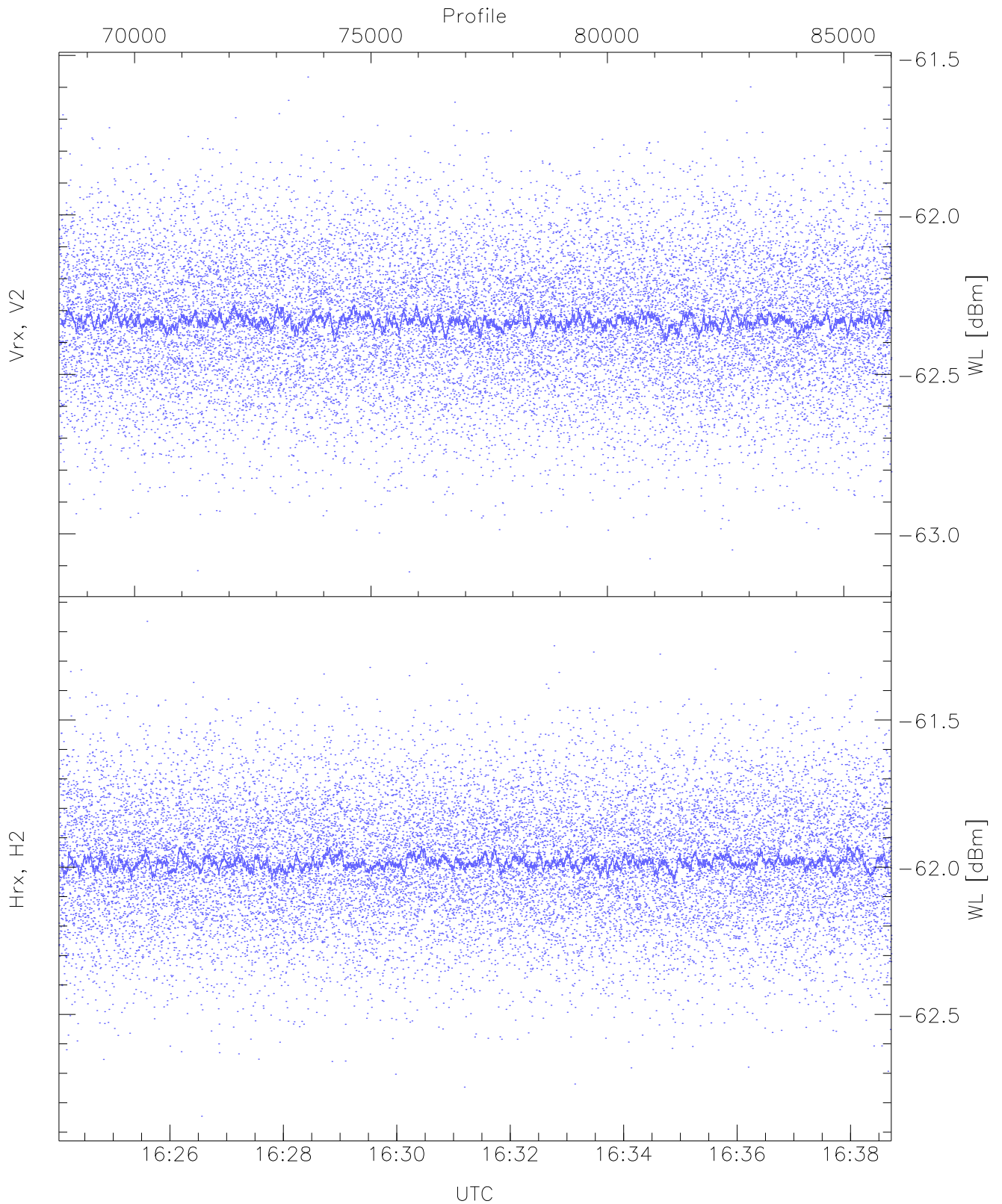
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,26,26,30  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,28,32  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,10,5)



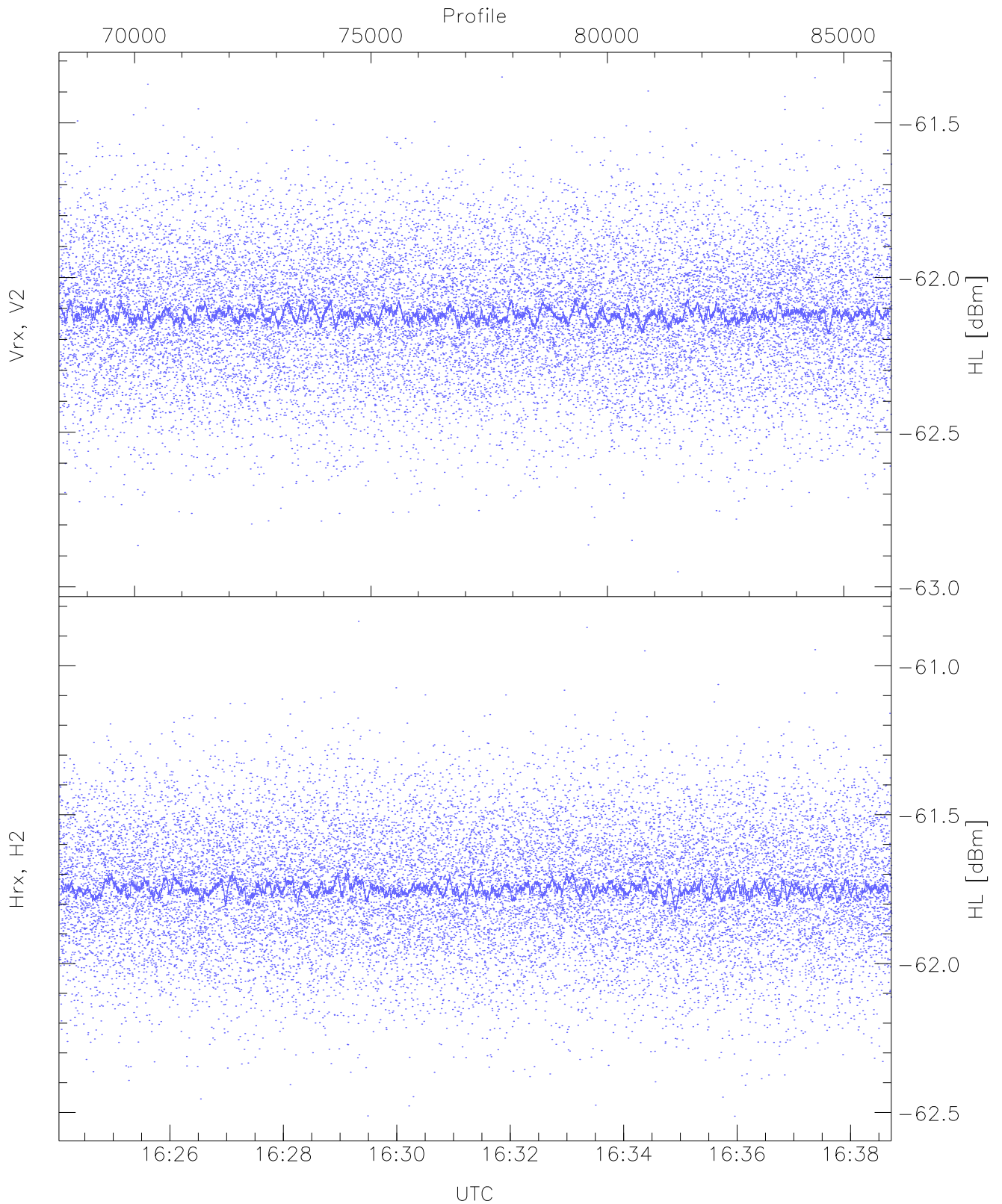
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2206 pixs, 61 gates, 2201 profs, 2 prods



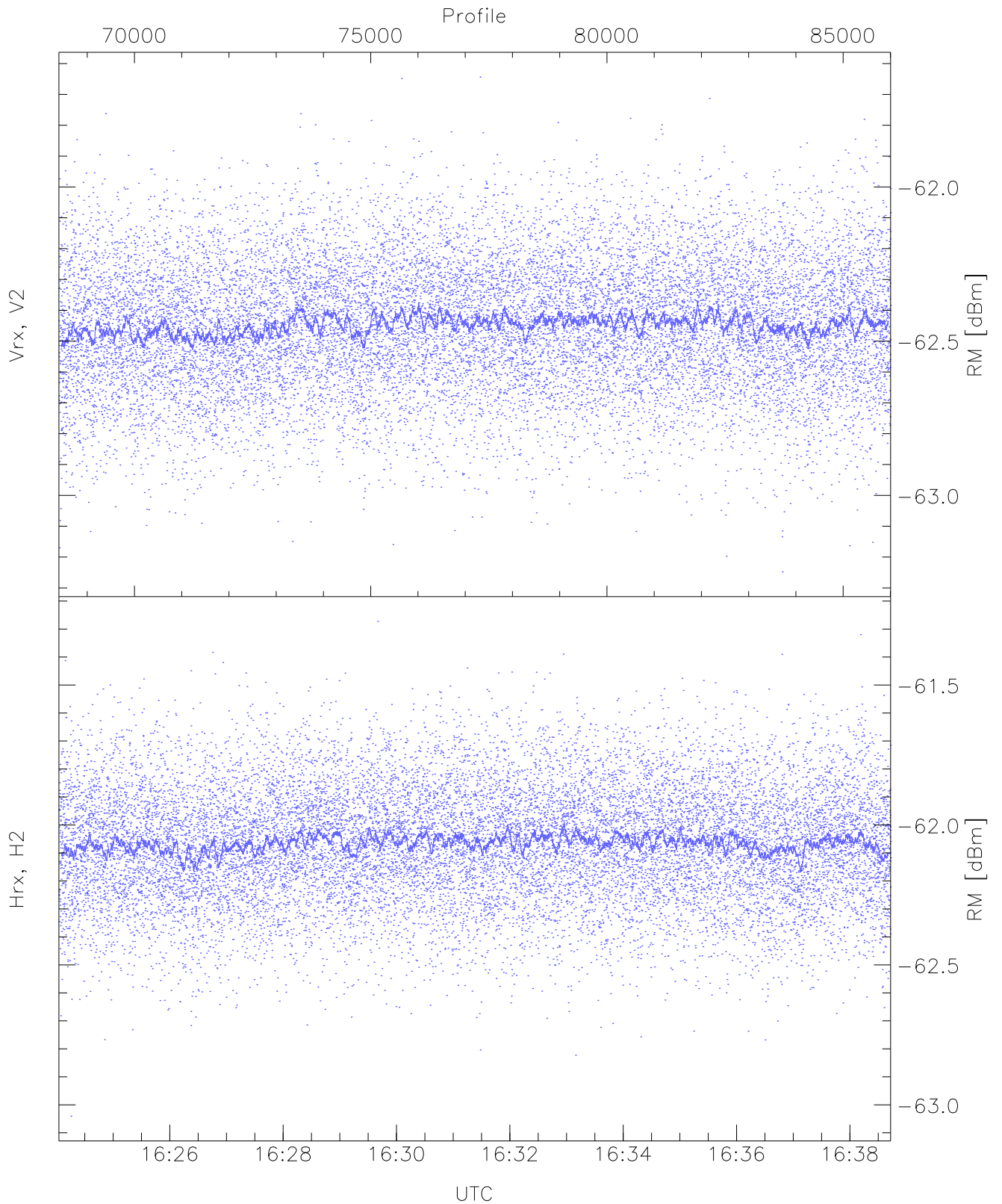
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.12	-61.57	-62.33	-62.33	-75.74
Hrx, H2(WL [dBm])	-62.85	-61.16	-61.98	-61.99	-75.41



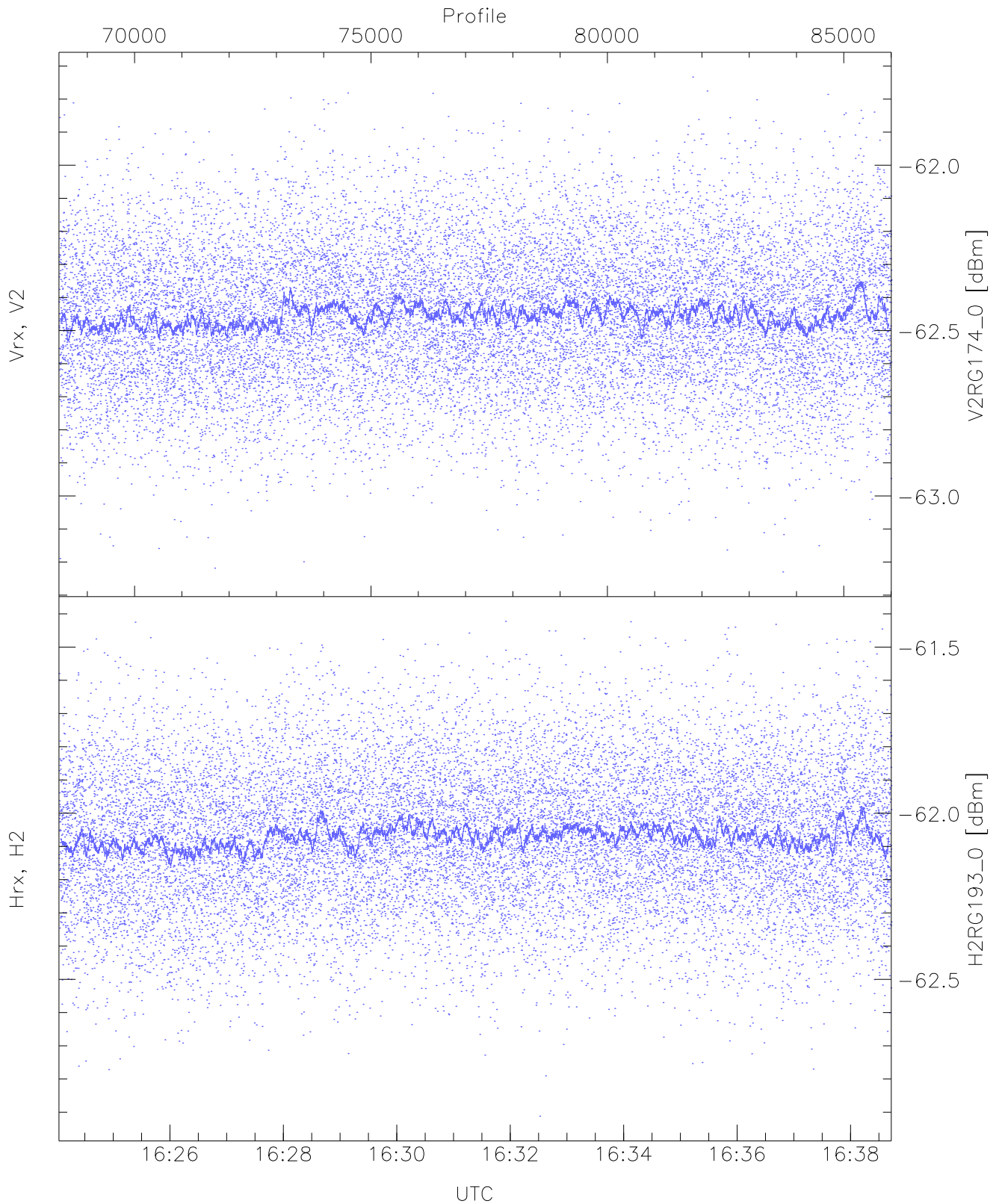
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-62.95	-61.35	-62.12	-62.12	-75.54
Hrx, H2(HL [dBm])	-62.51	-60.85	-61.75	-61.75	-75.20



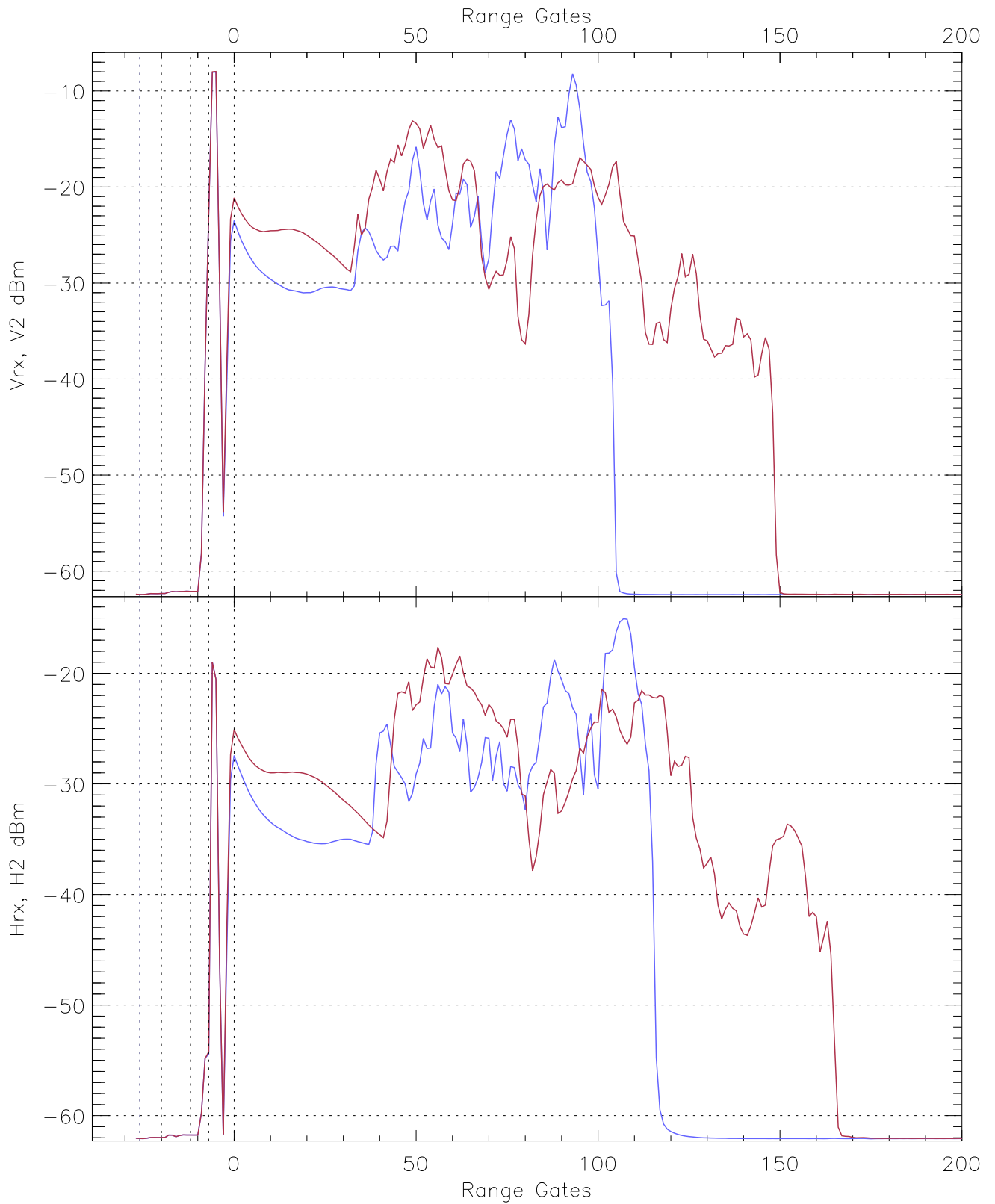
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.25	-61.64	-62.45	-62.45	-75.82
Hrx, H2(RM [dBm])	-63.04	-61.27	-62.06	-62.07	-75.50



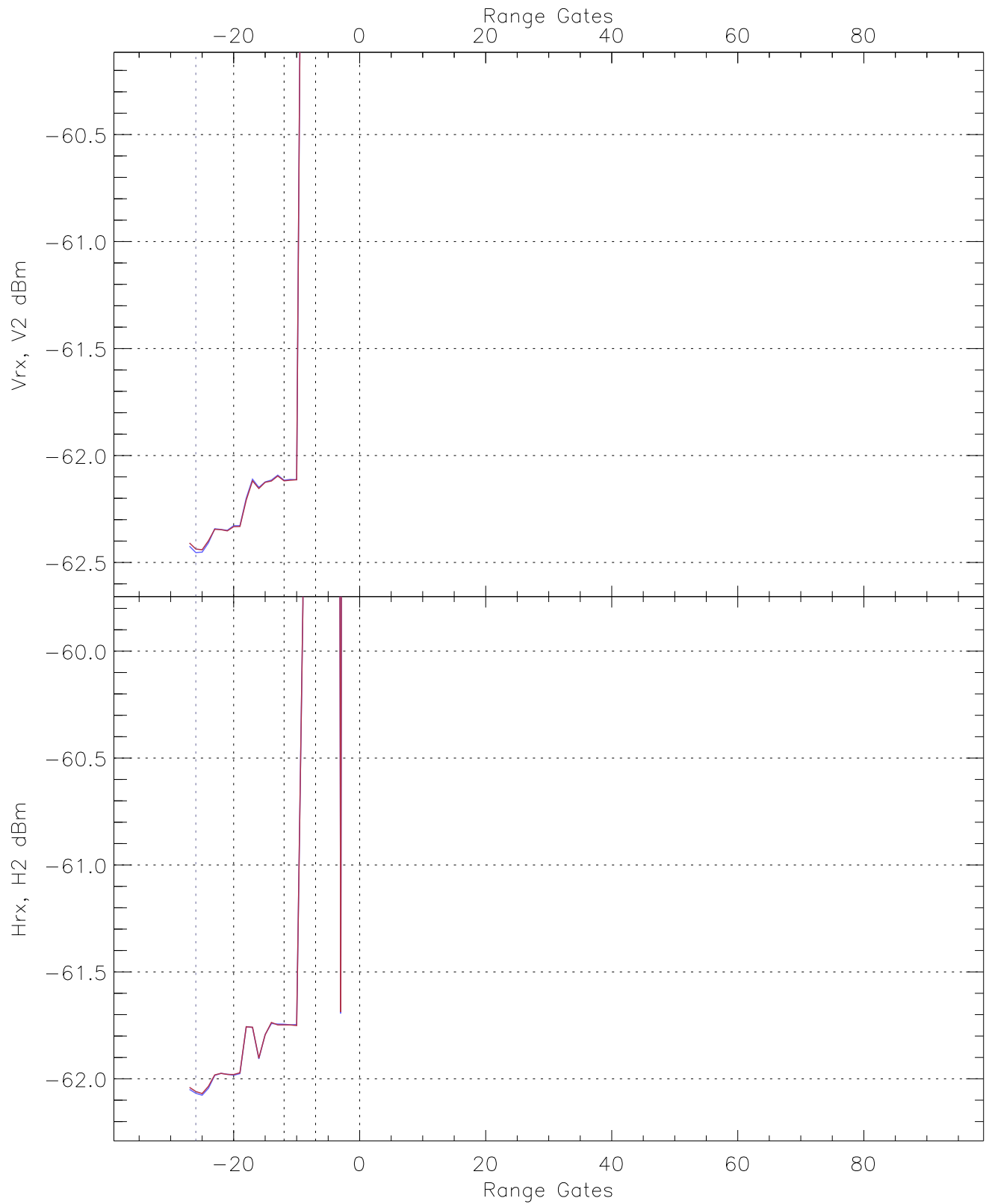
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
V2RG174_0 [dBm]	-63.23	-61.73	-62.45	-62.45	-75.83
H2RG193_0 [dBm]	-62.91	-61.42	-62.07	-62.07	-75.44

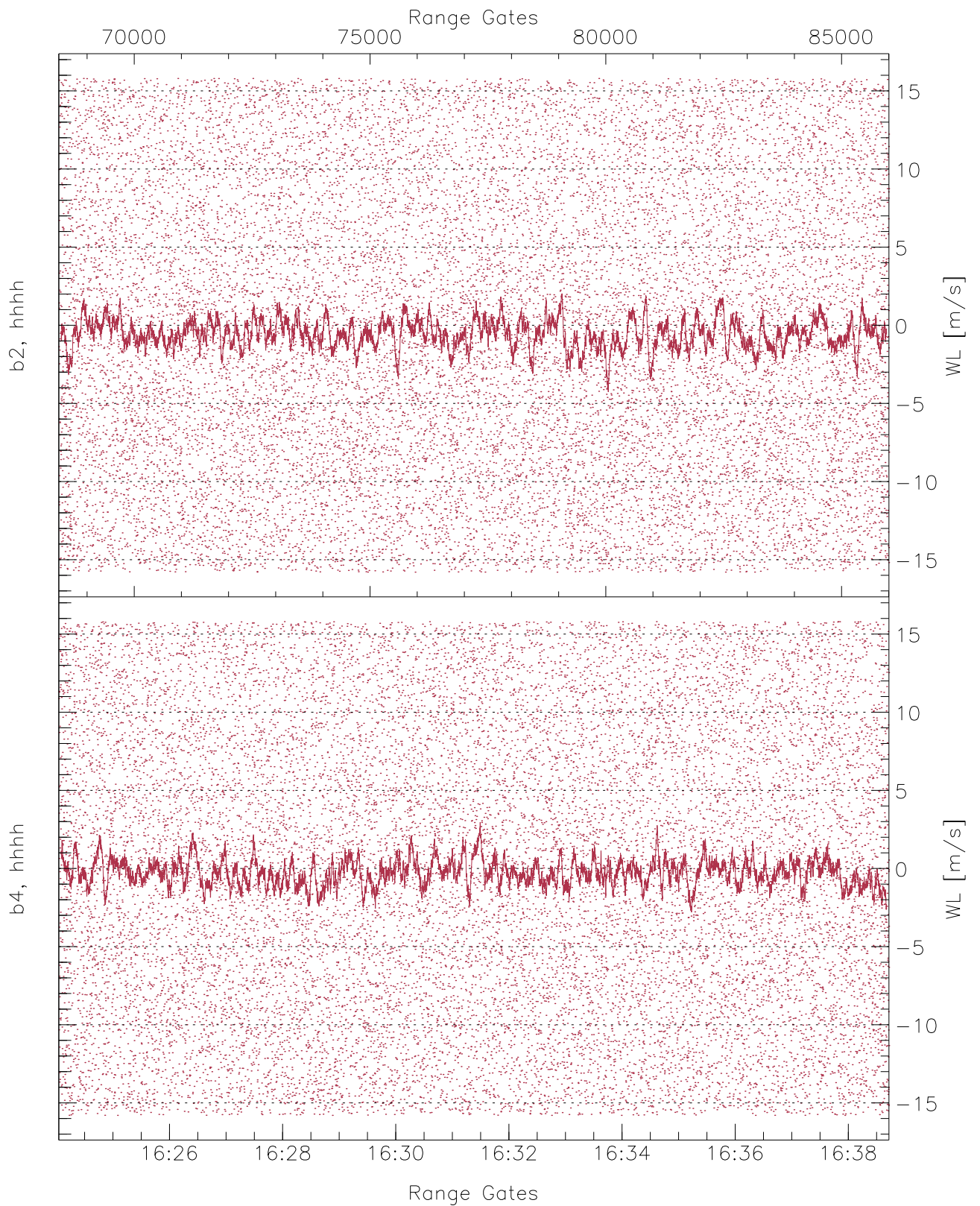


WCR2 CPP Averaged Received power for all recorded gates  
blue: 162403-163123, 8804 profiles averaged  
red: 163123-163843, 8803 profiles averaged

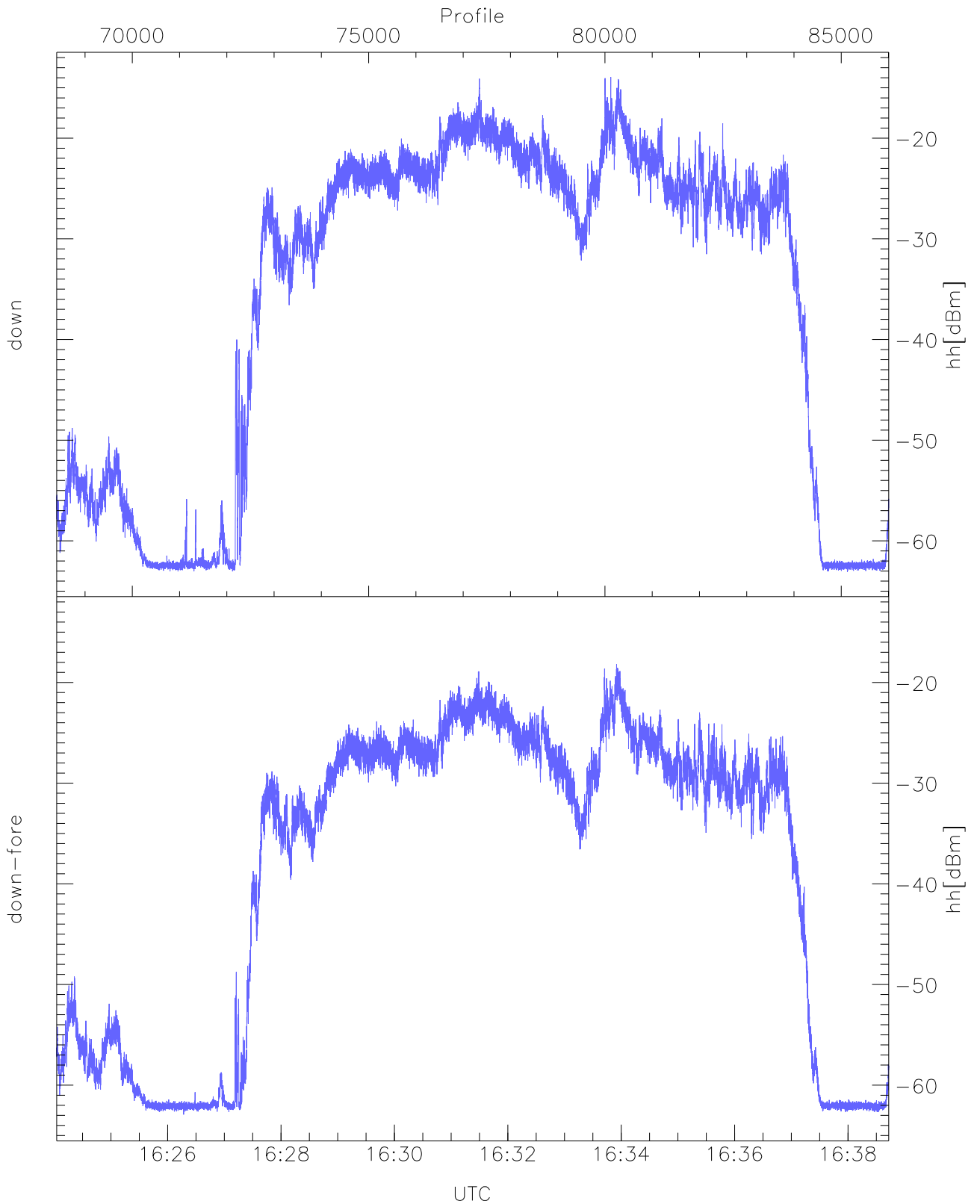




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 162403-163123, 8804 profiles averaged  
red: 163123-163843, 8803 profiles averaged

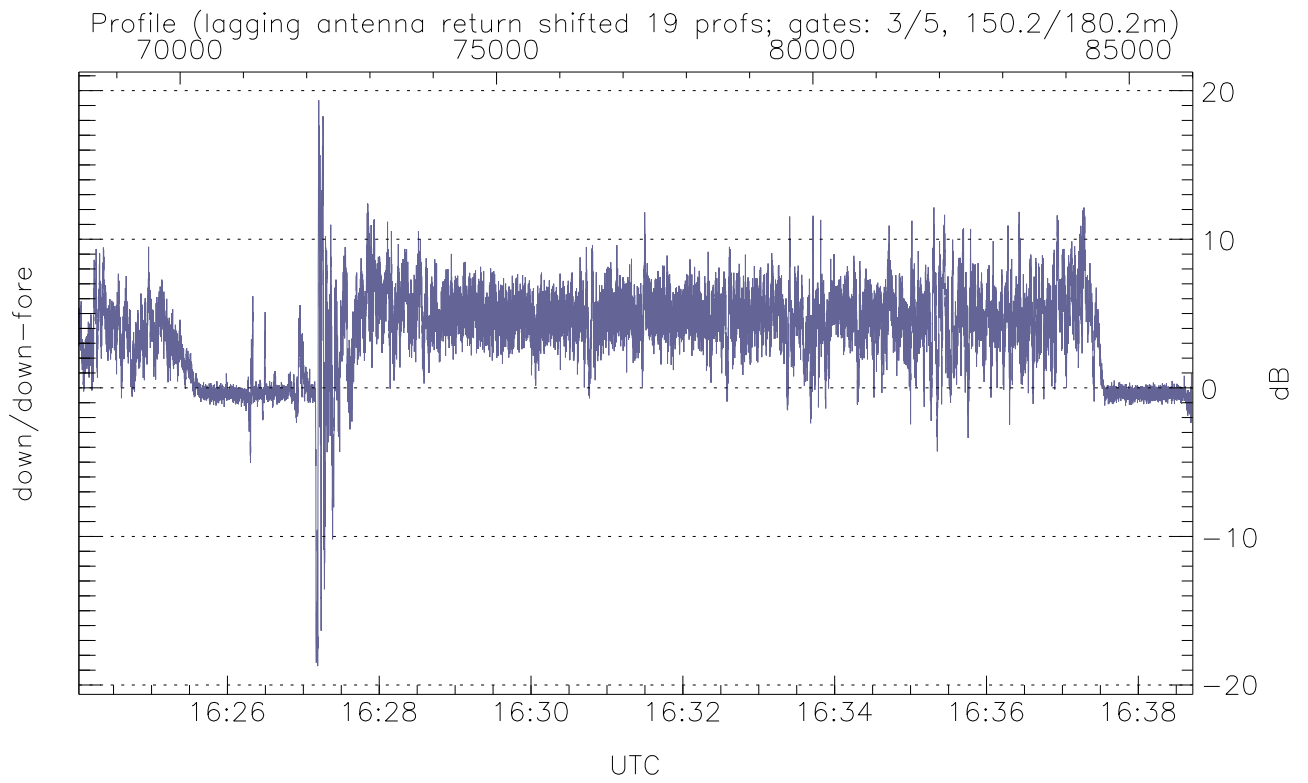


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



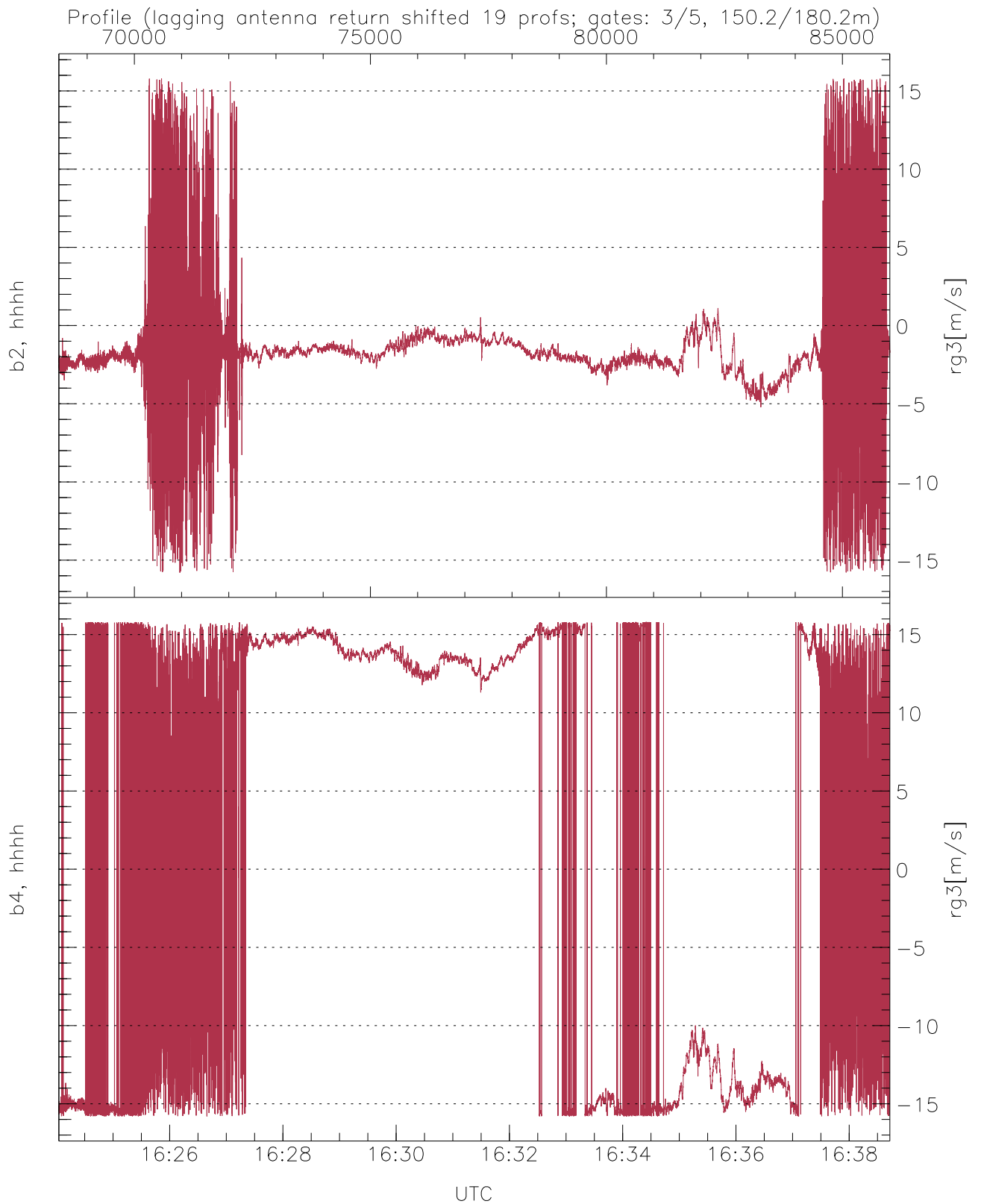
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-63.08	-13.93	-24.61
down-fore(hh[dBm])	-62.92	-18.18	-28.28



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

	Min	Max	Mean
down/down-fore(dB)	-18.72	19.35	3.62



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.80	15.79	-1.66	3.49
b4, hhhh(rg3[m/s])	-15.80	15.80	2.12	13.43