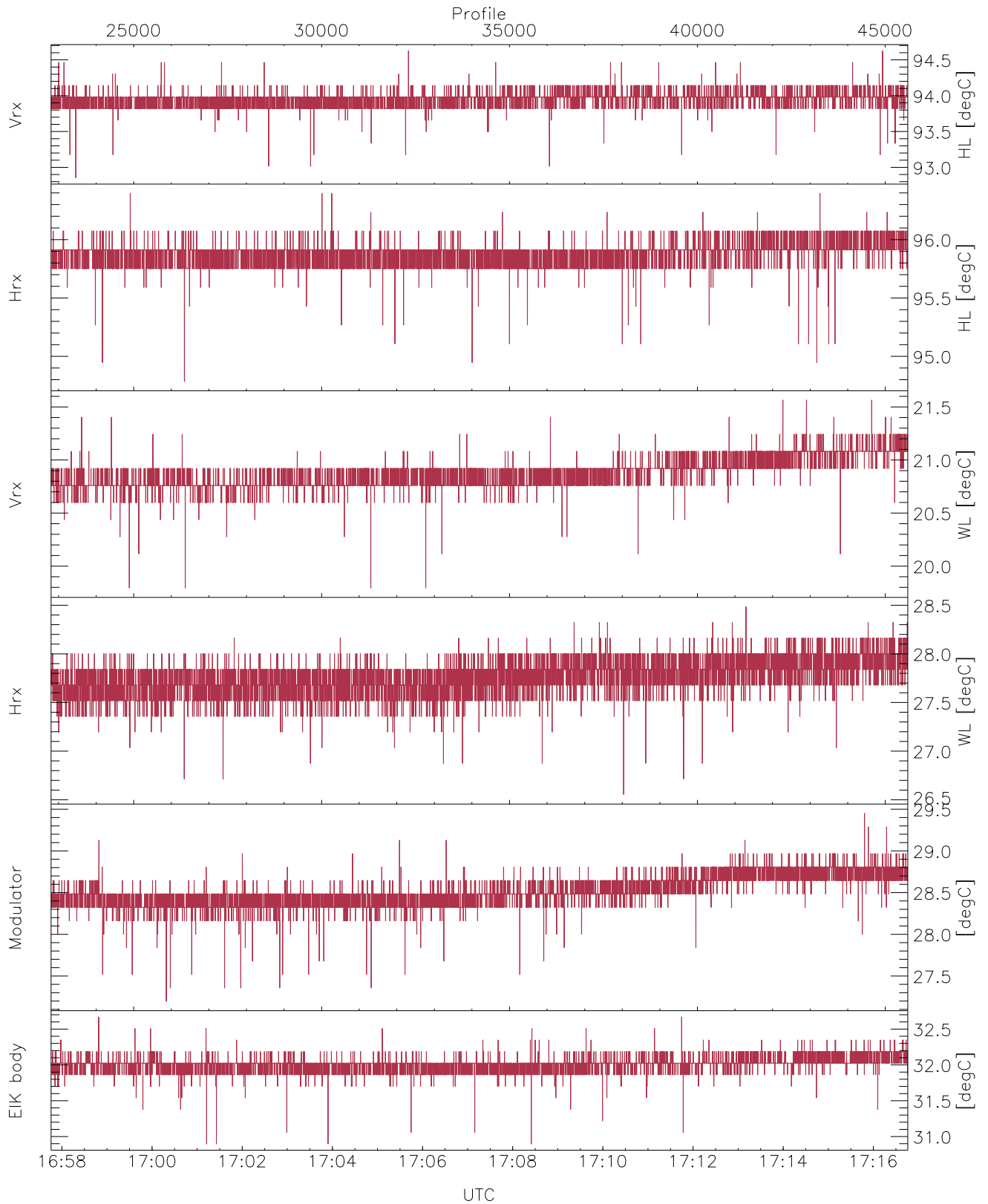


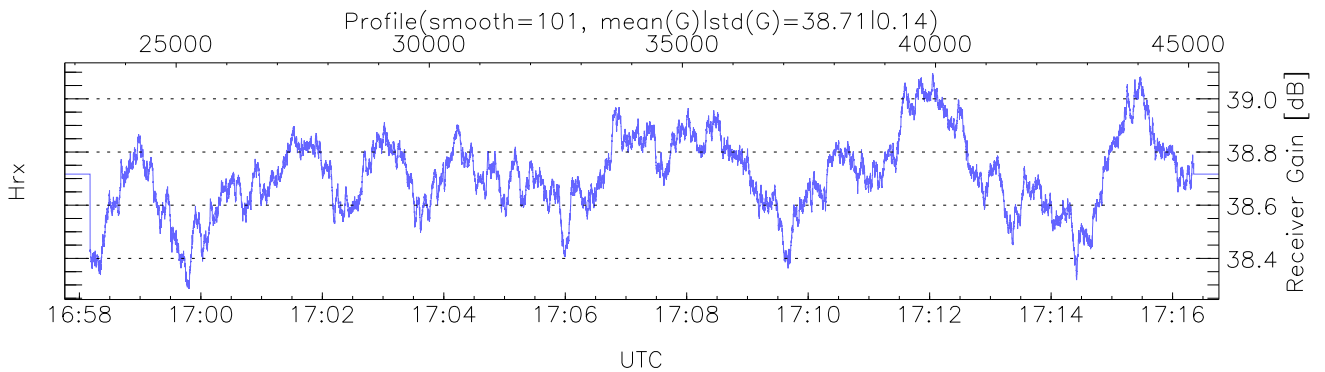
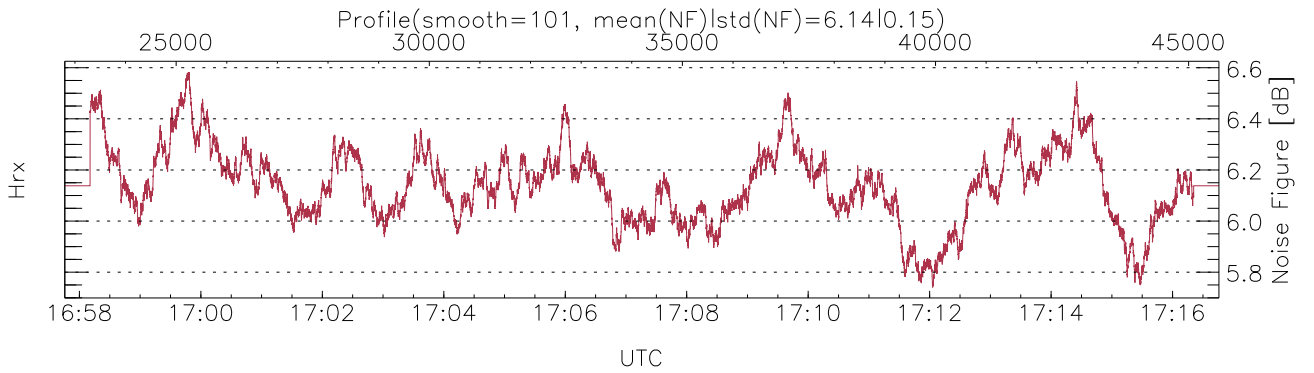
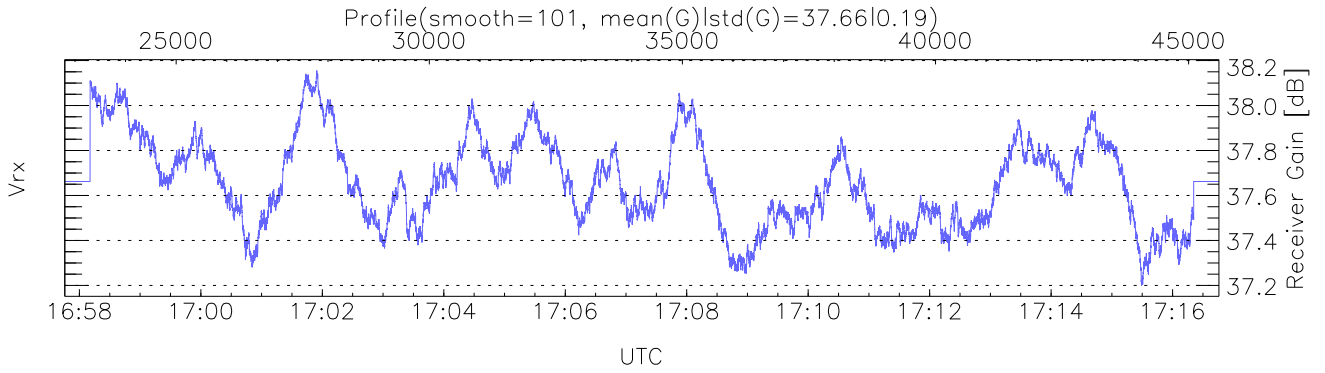
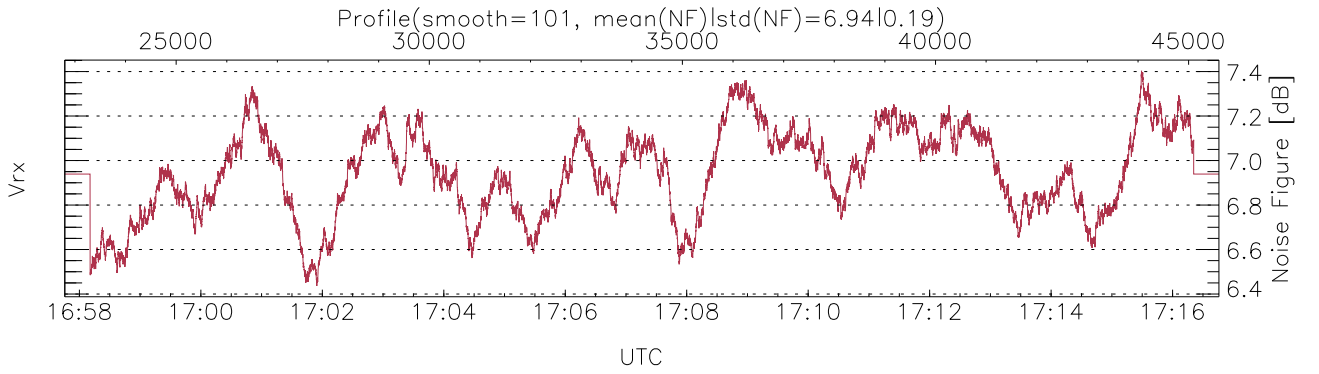
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

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): 22800/69814, 22800-45599/16:57:46-17:16:46  
 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,rgs): 105,3108,15.0 m, Gates: 201, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



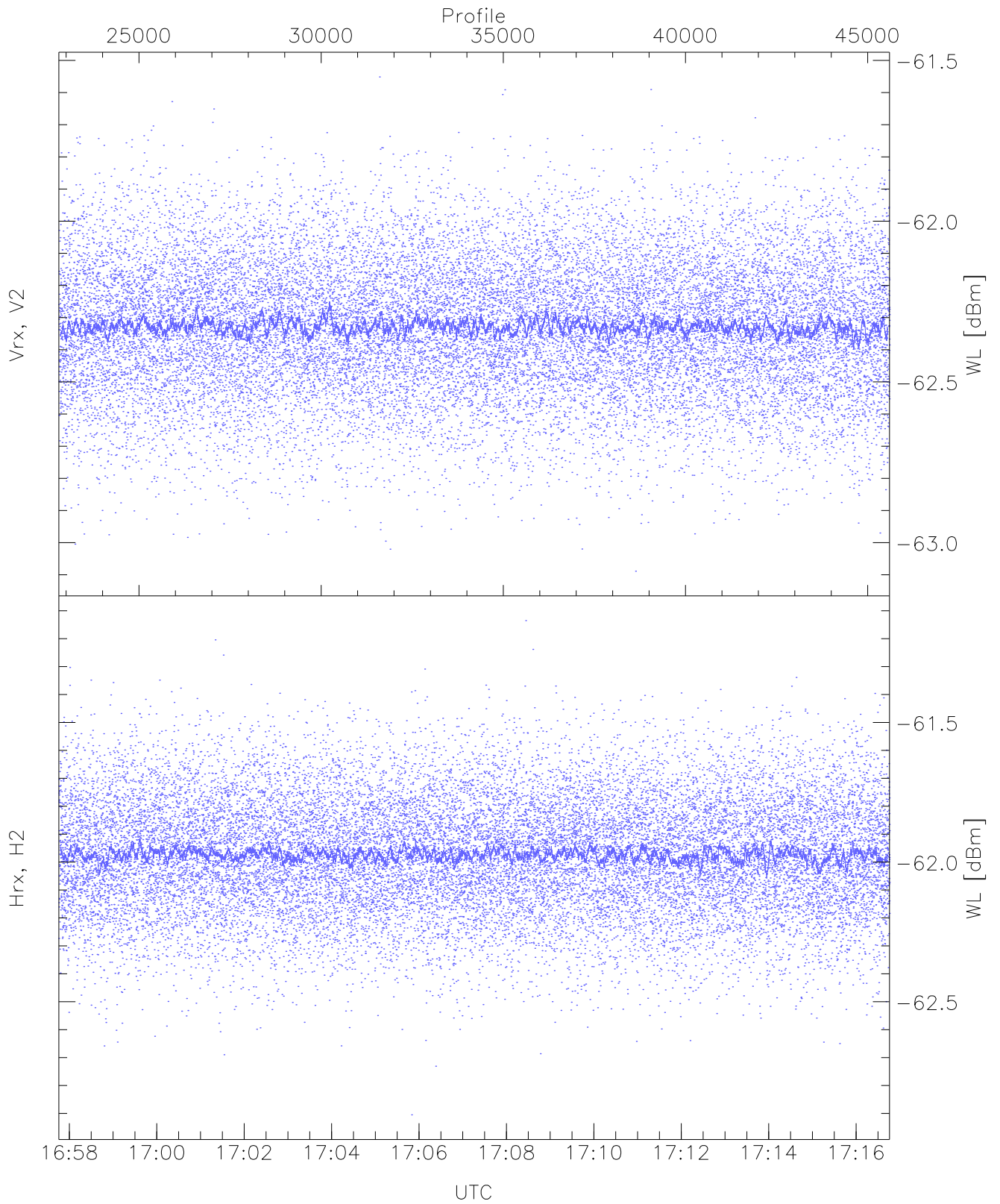
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,27,30  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,29,32  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,5,5)



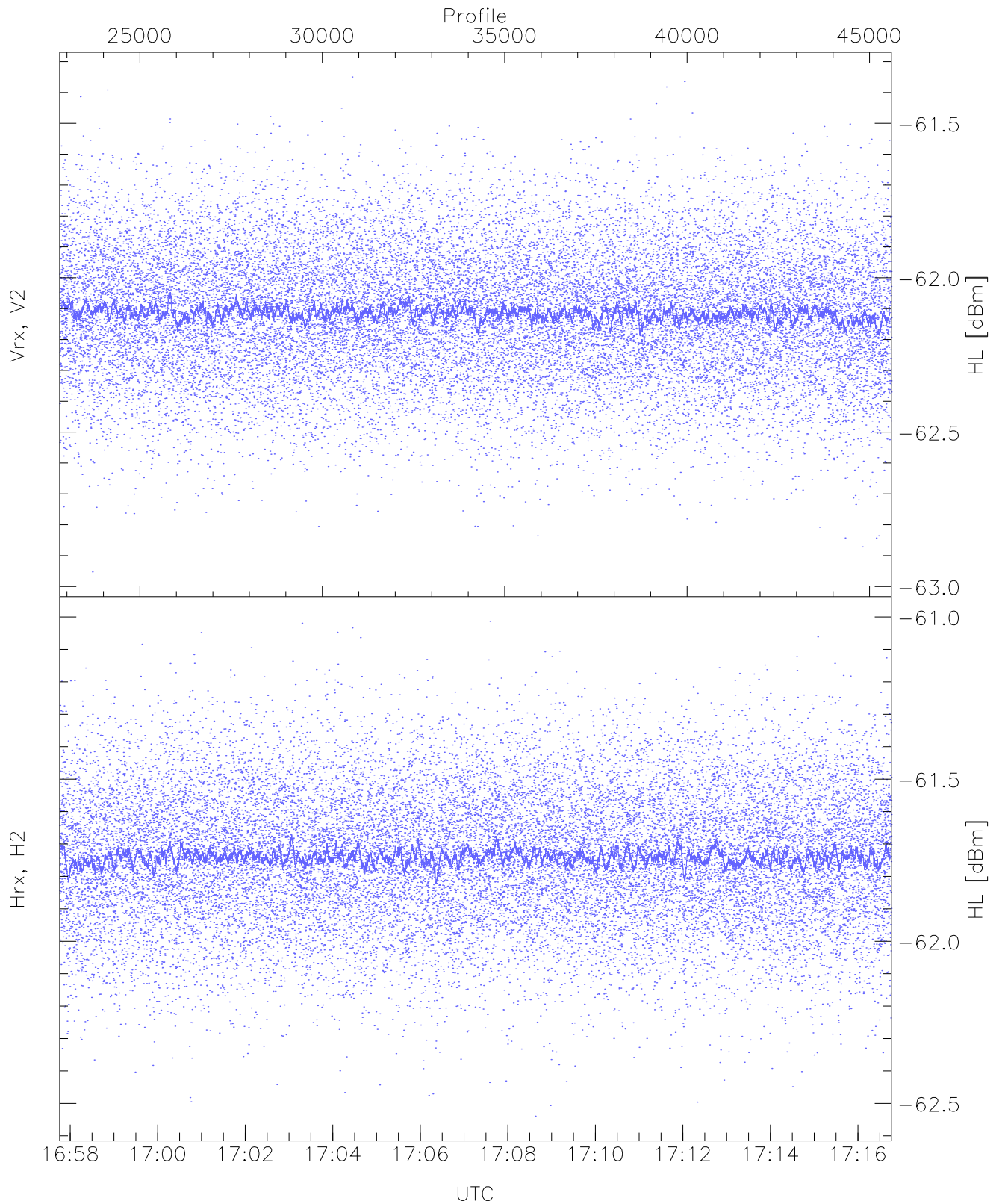
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1169 pixs, 31 gates, 1169 profs, 1 prods



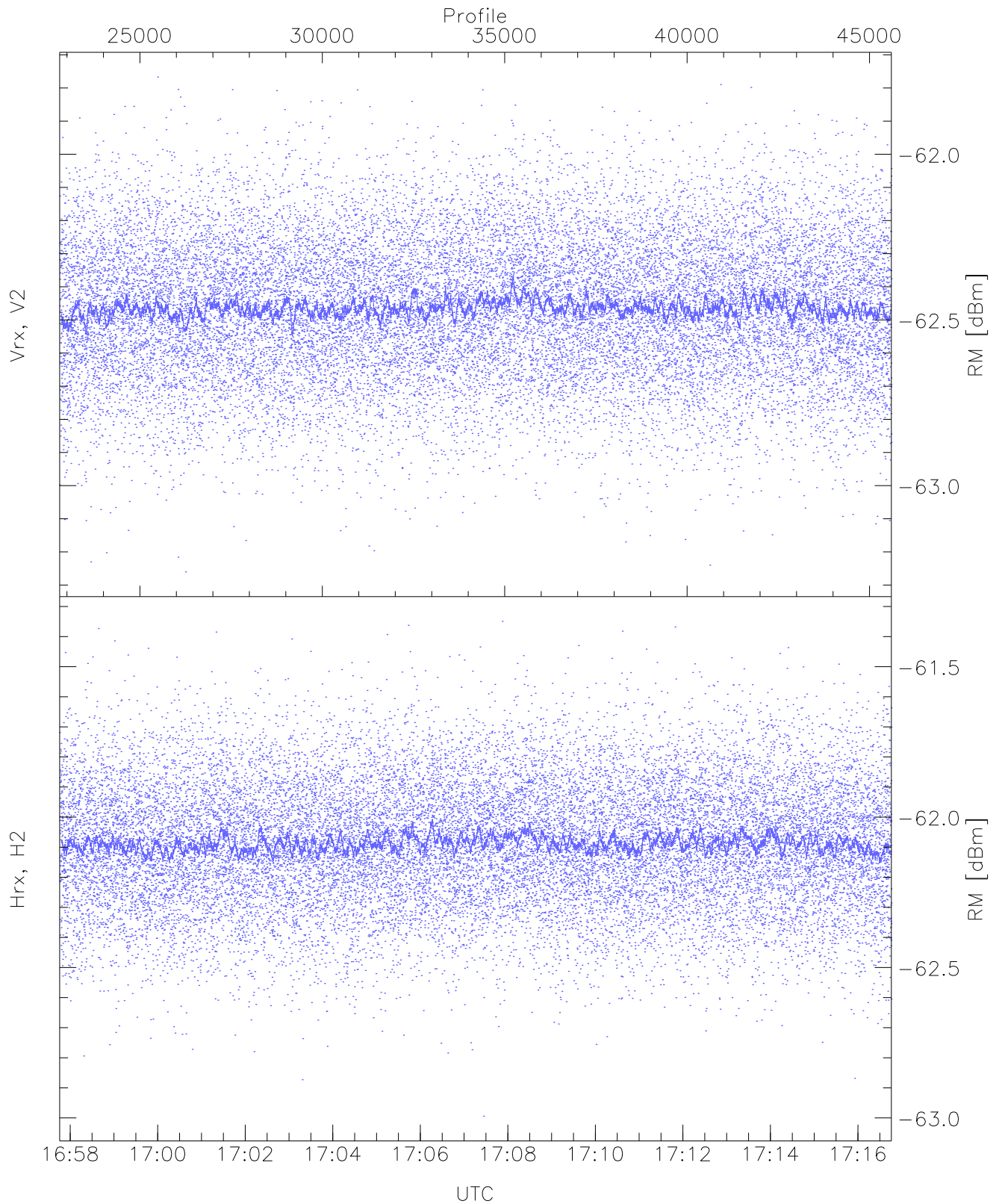
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.09	-61.55	-62.33	-62.33	-75.78
Hrx, H2(WL [dBm])	-62.90	-61.14	-61.97	-61.98	-75.44



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

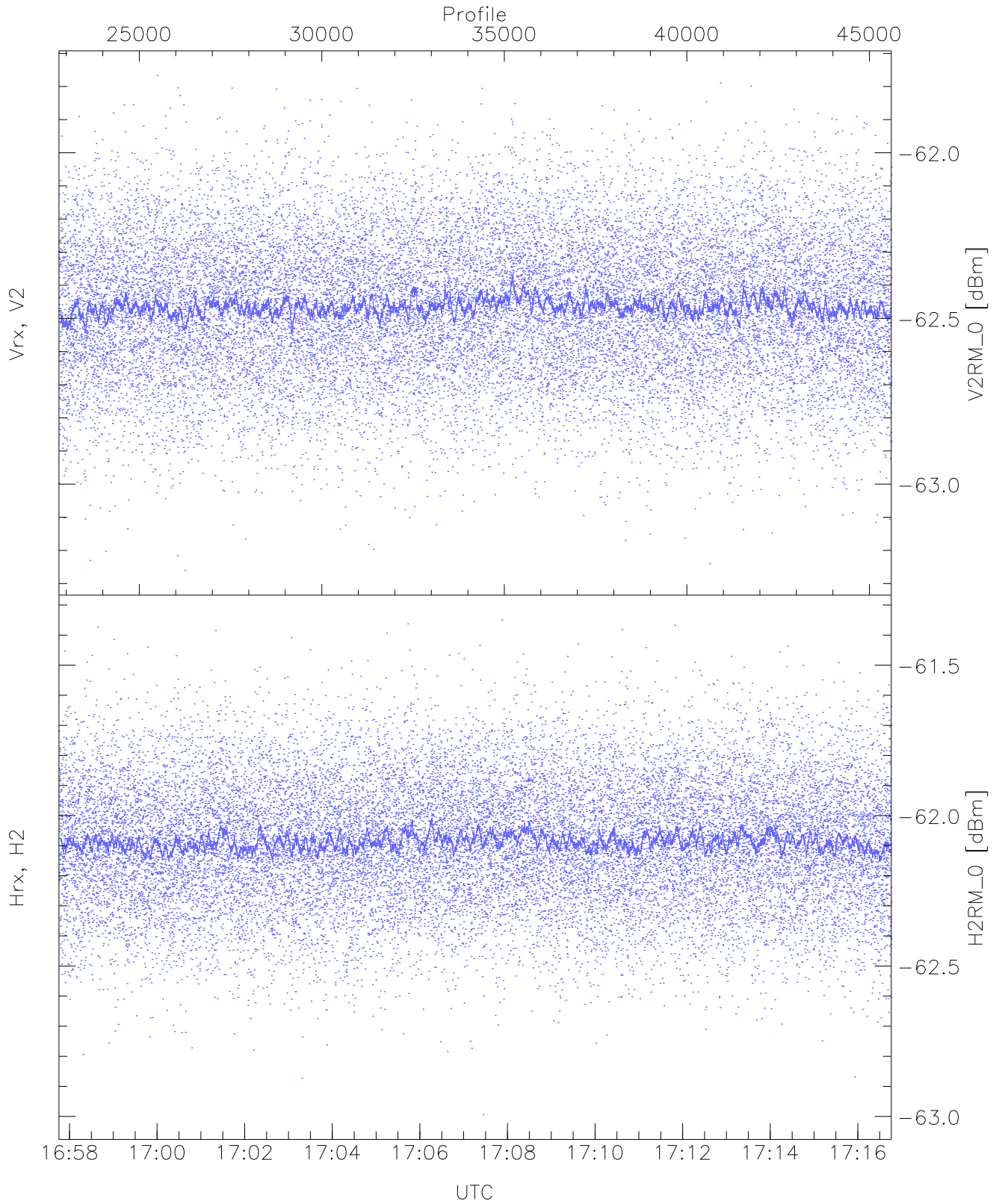
	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-62.95	-61.35	-62.11	-62.11	-75.51
Hrx, H2(HL [dBm])	-62.54	-61.01	-61.74	-61.74	-75.17



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

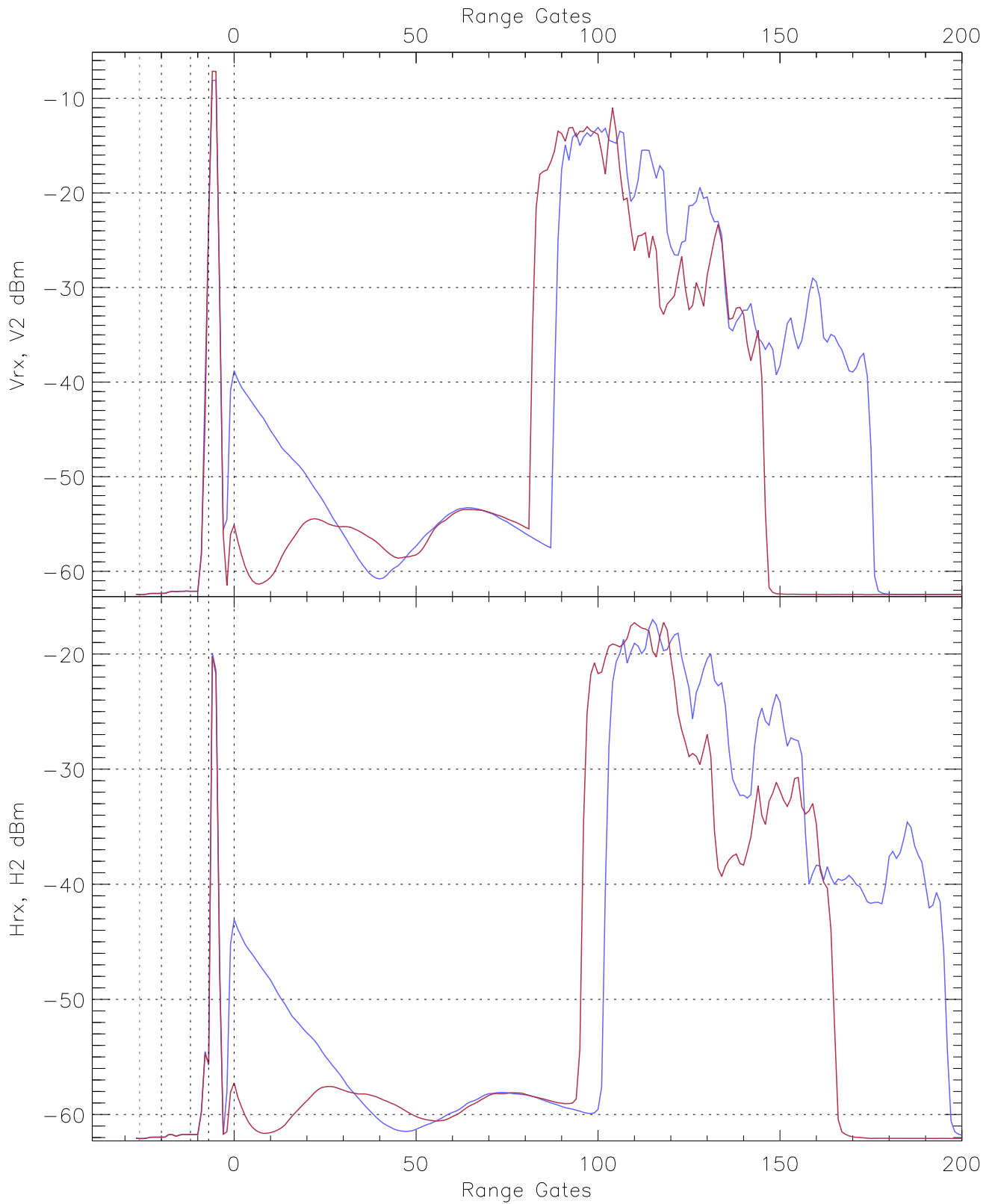
	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.26	-61.77	-62.46	-62.47	-75.86
Hrx, H2(RM [dBm])	-62.99	-61.35	-62.09	-62.09	-75.53





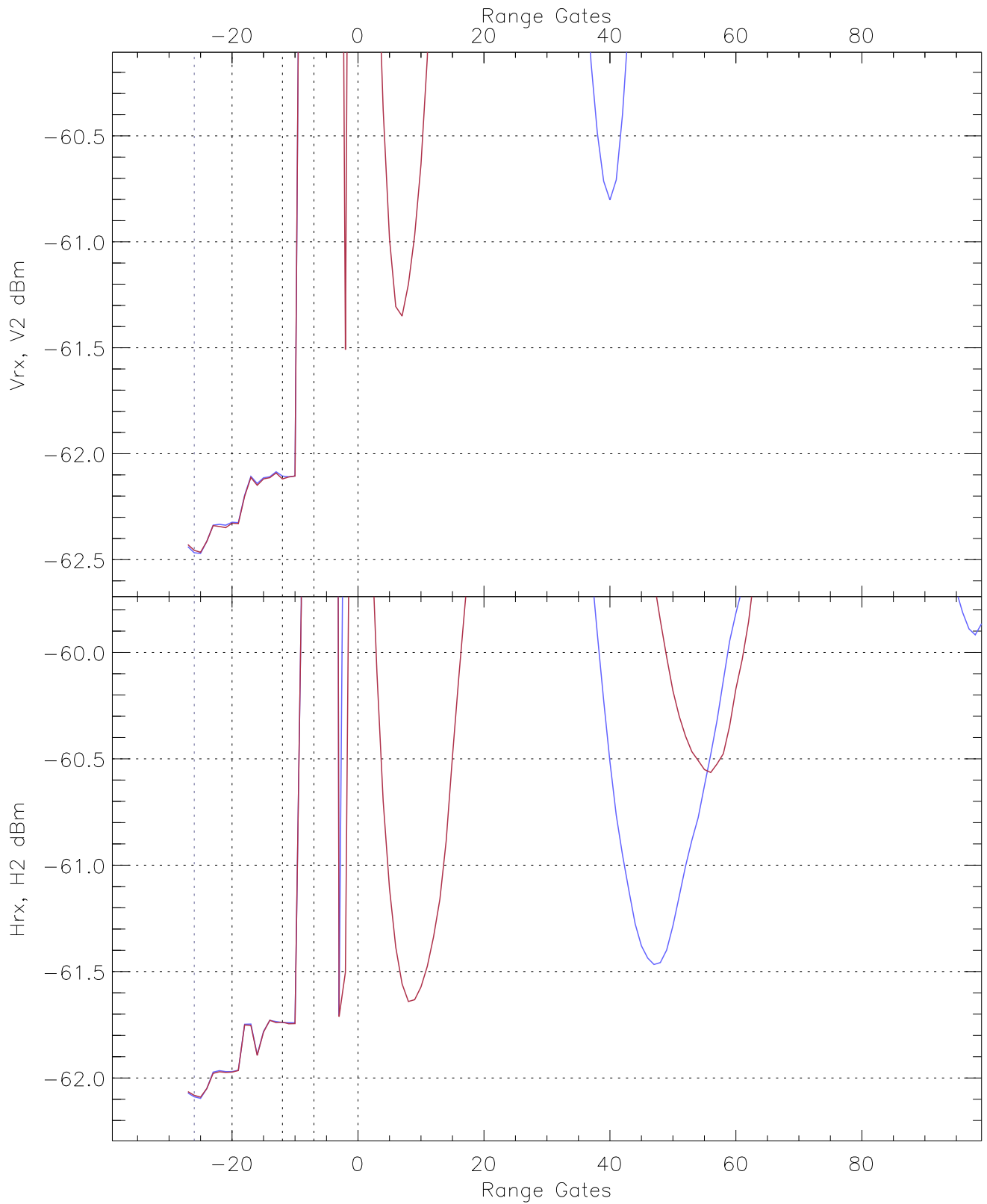
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
V2RM_0 [dBm]	-63.26	-61.77	-62.46	-62.47	-75.86
H2RM_0 [dBm]	-62.99	-61.35	-62.09	-62.09	-75.53

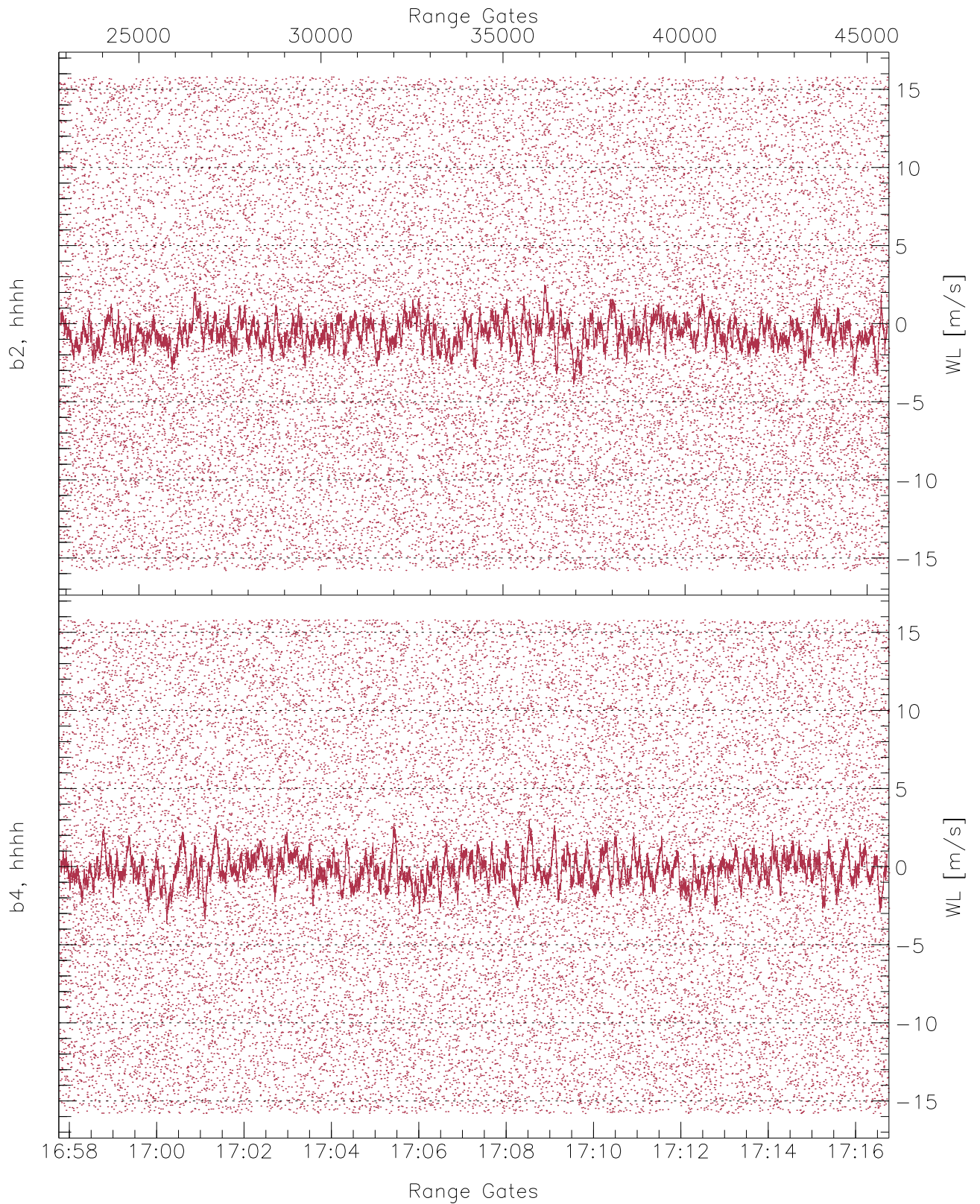


WCR2 CPP Averaged Received power for all recorded gates  
blue: 165746-170716, 11401 profiles averaged  
red: 170716-171646, 11400 profiles averaged

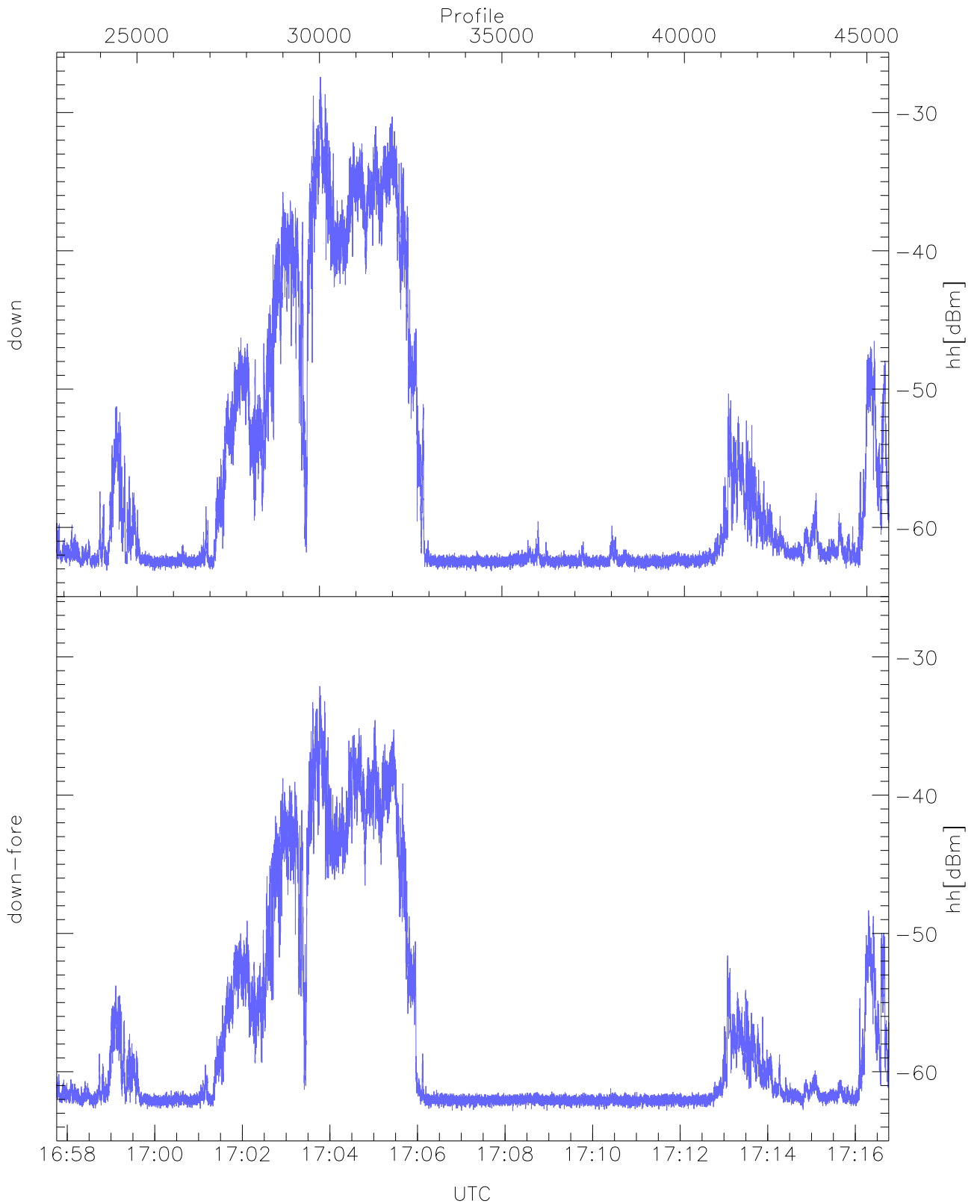




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 165746-170716, 11401 profiles averaged  
red: 170716-171646, 11400 profiles averaged

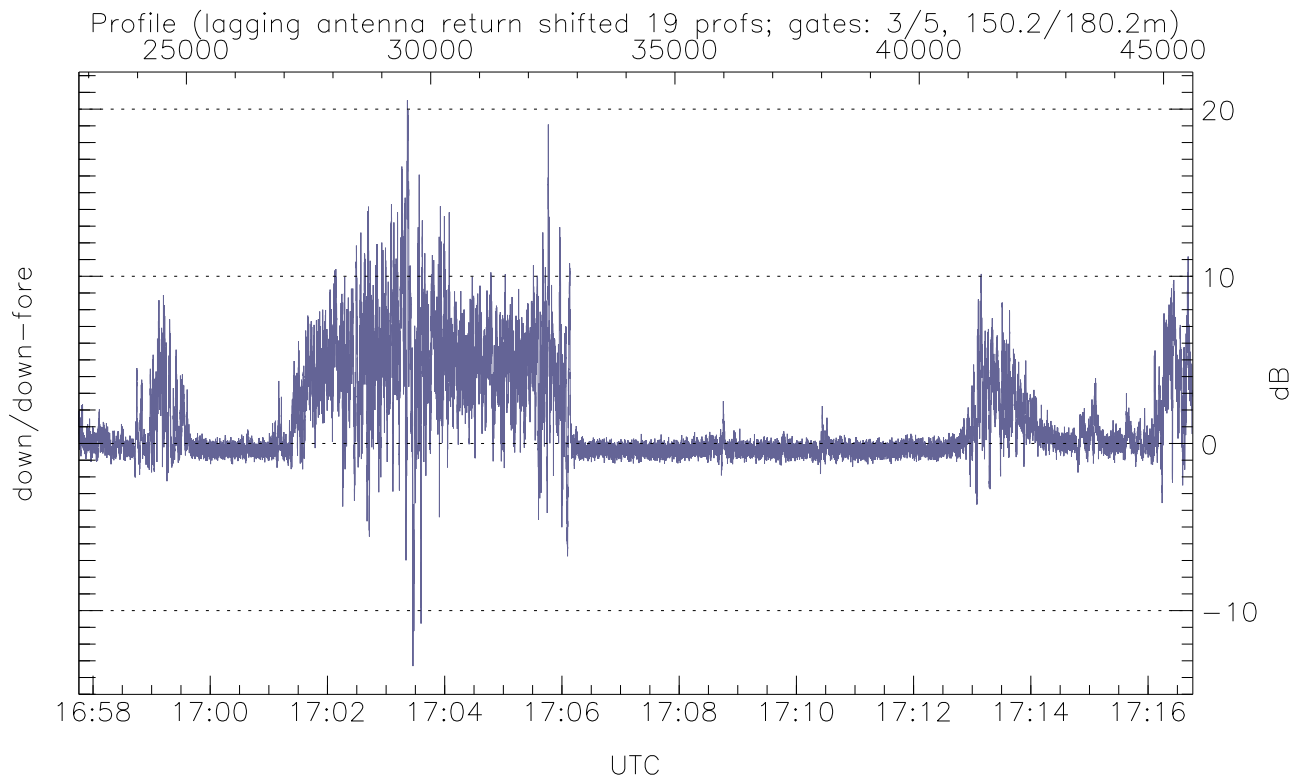


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



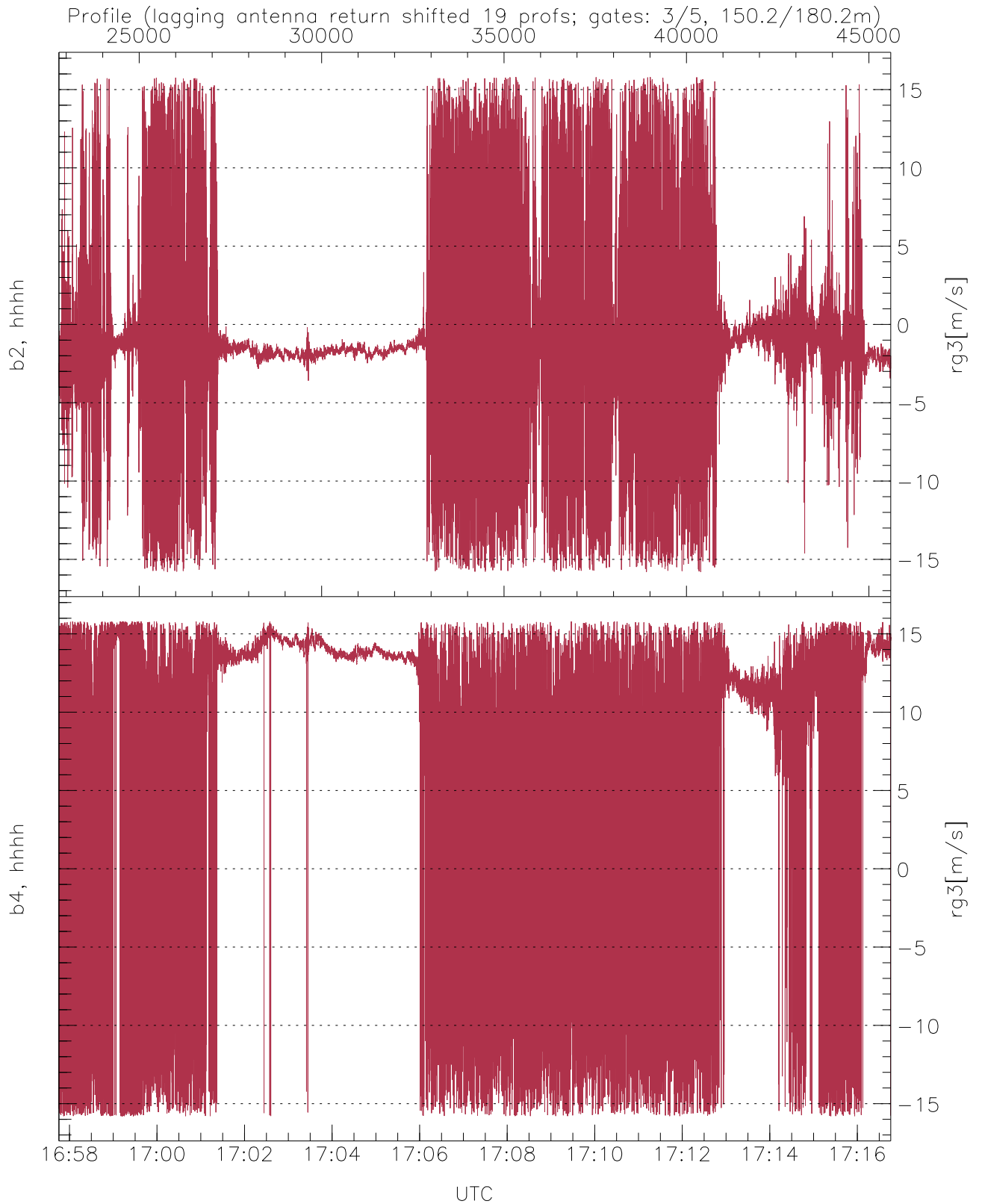
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-63.21	-27.43	-44.05
down-fore(hh[dBm])	-62.83	-32.12	-48.08



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

	Min	Max	Mean
down/down-fore(dB)	-13.32	20.53	1.43



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.80	15.80	-1.24	5.51
b4, hhhh(rg3[m/s])	-15.80	15.80	5.73	10.27