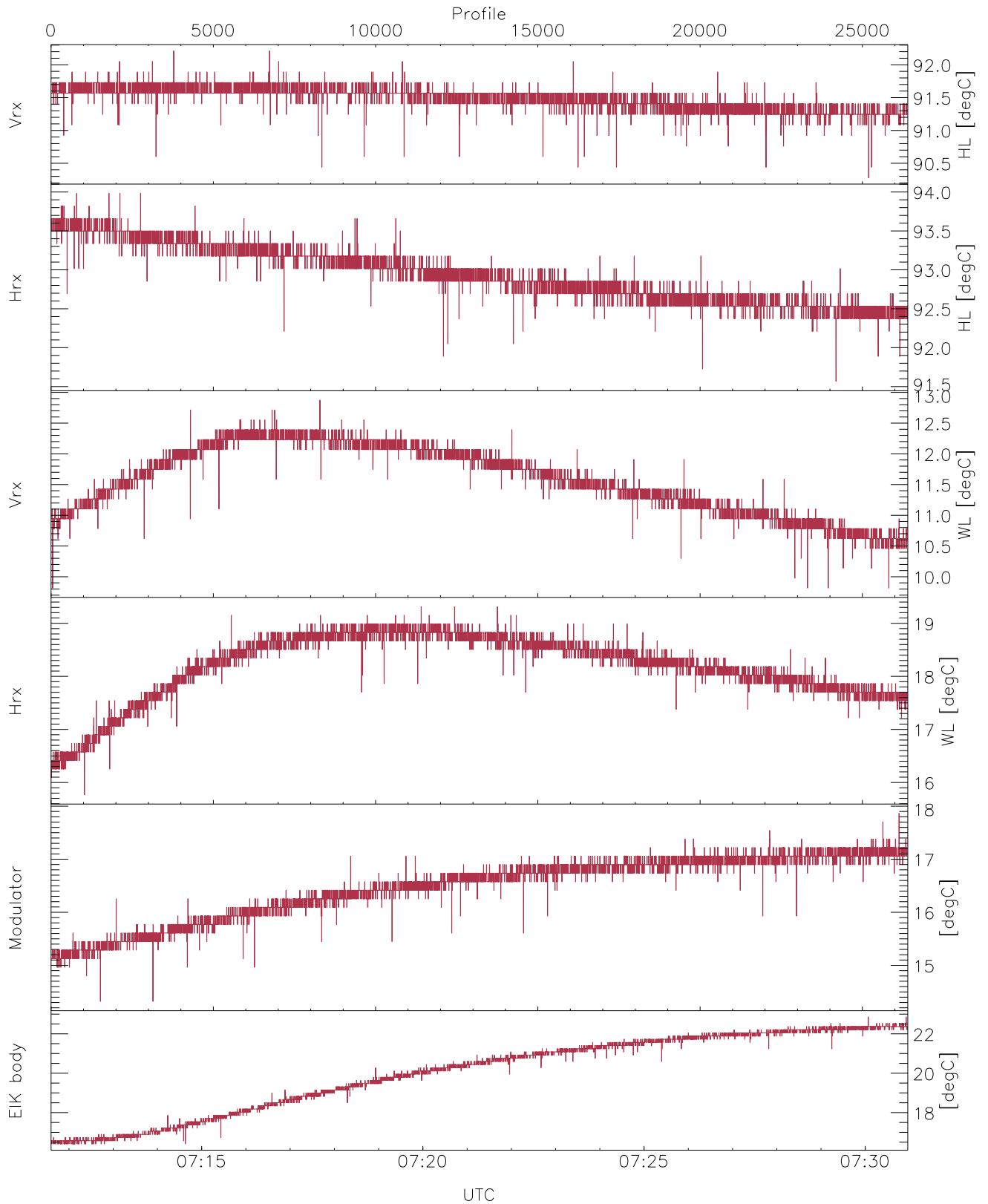


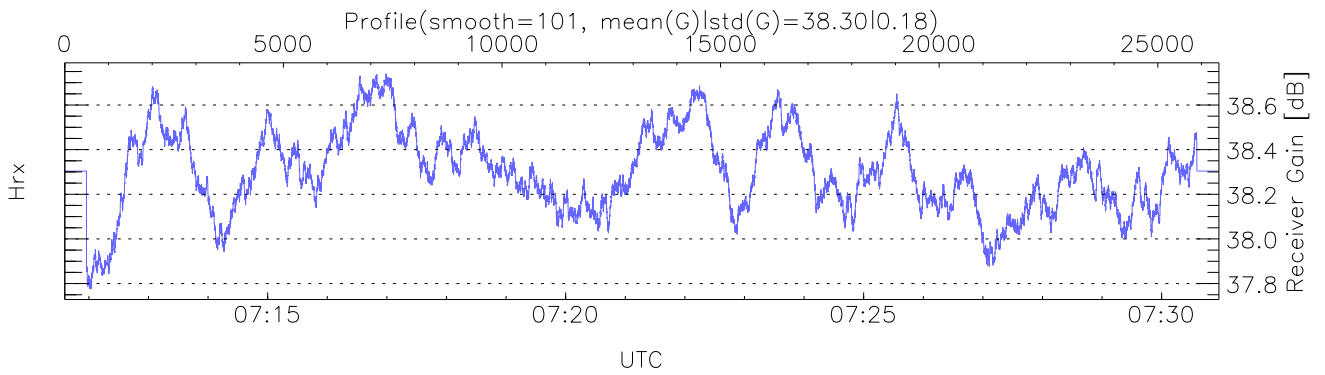
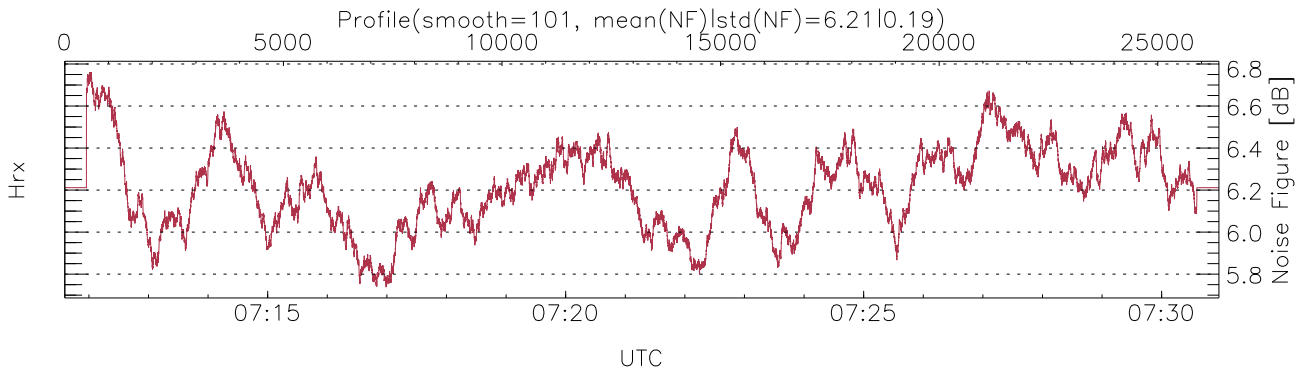
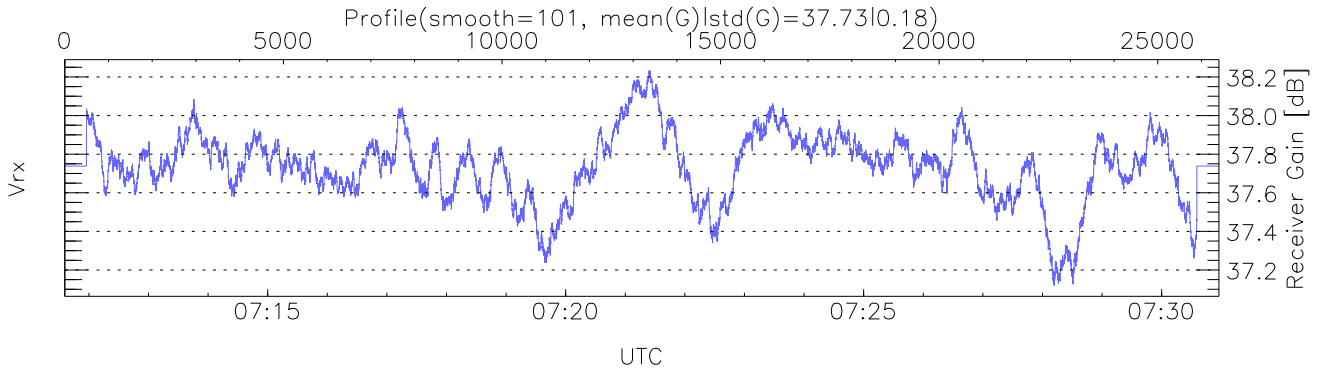
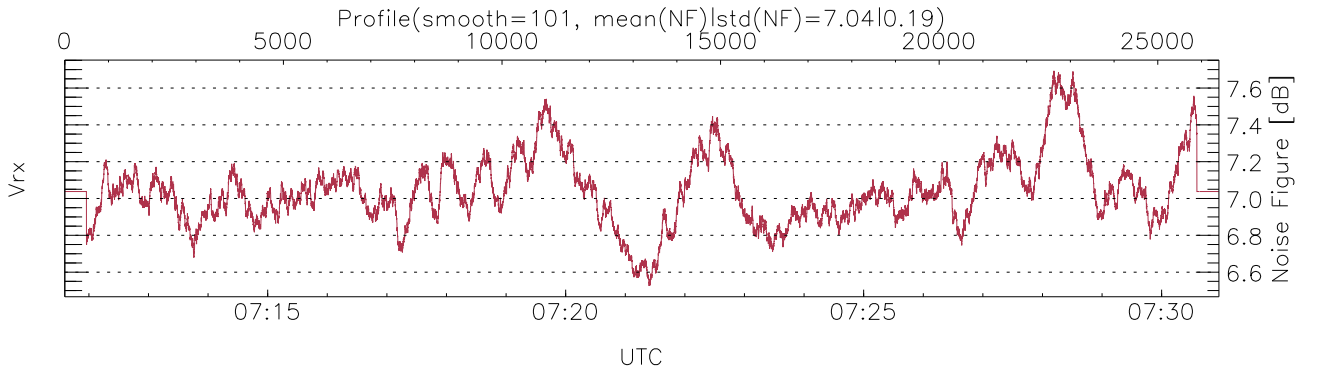
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 07:11:36-07:50:30, Dur: 2333.98s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 44.0,44.0,44.0,0.0 ms / 23,23,23  
 NumRec(r/t): 26400/53028, 0-26399/07:11:36-07:30:58  
 AcqTime: 44.0ms, Rate: 272KB/s, Averages: 200  
 Pulse: 250ns, IFF: 4.0MHz, Tx: V2 V2 H2 H2  
 PRF: 18.2 18.2 18.2 KHz, IGS: 55us  
 Range(min,max,rqs): 105,7088,15.0 m, Gates: 466, Aspect: 3.8  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



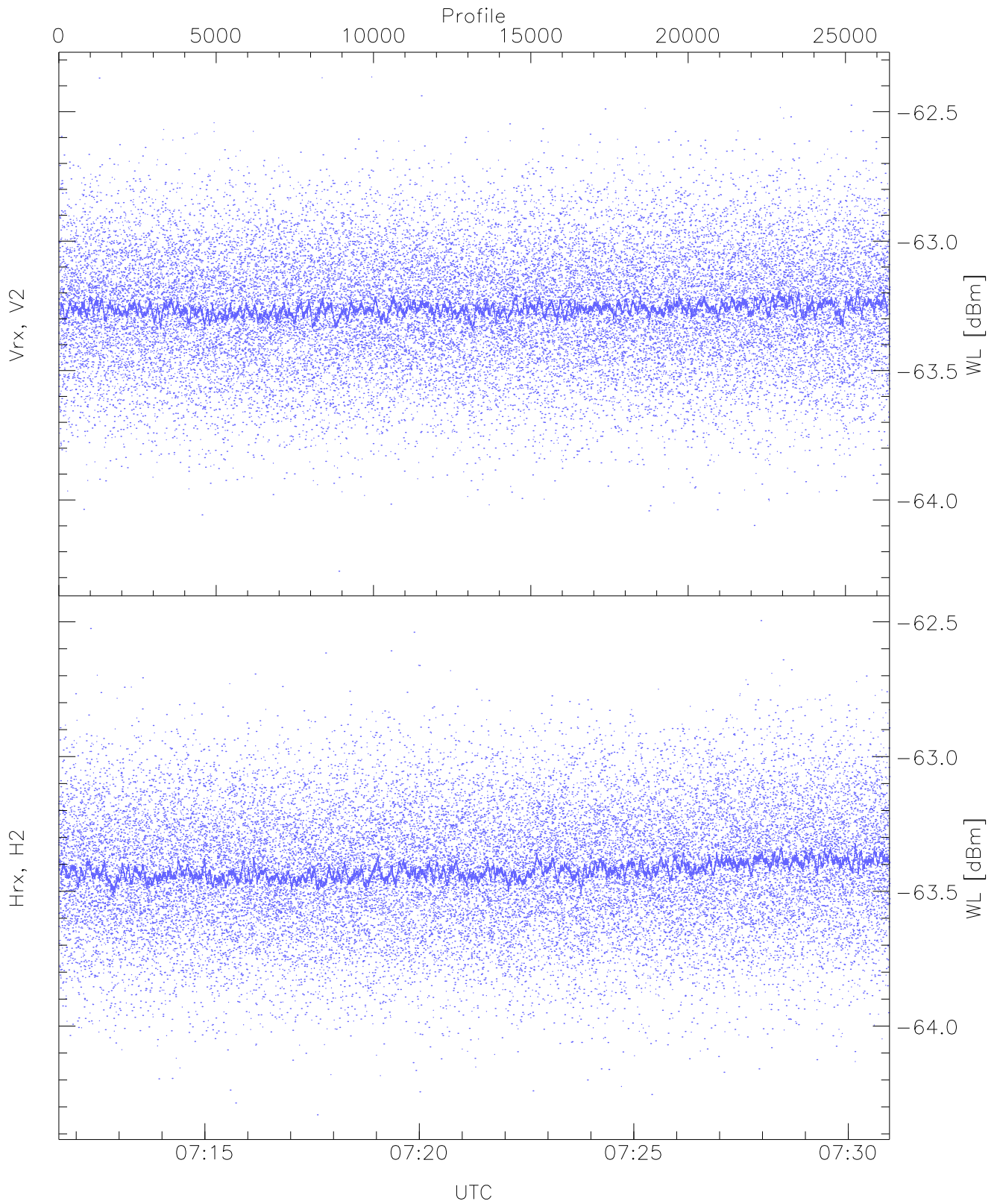
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,9,15,14,16  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,12,19,17,22  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



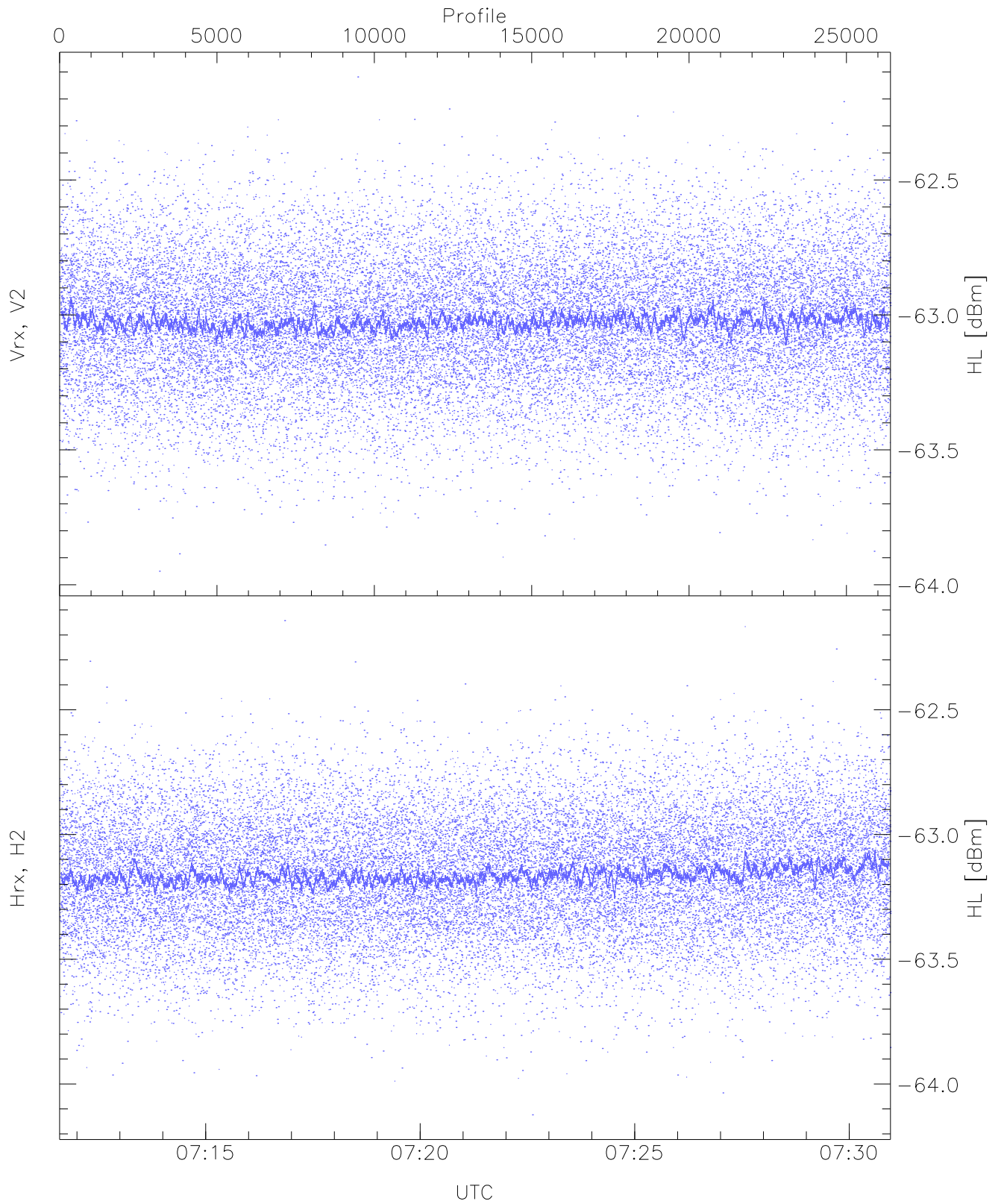
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4953 pixs, 83 gates, 4155 profs, 1 prods



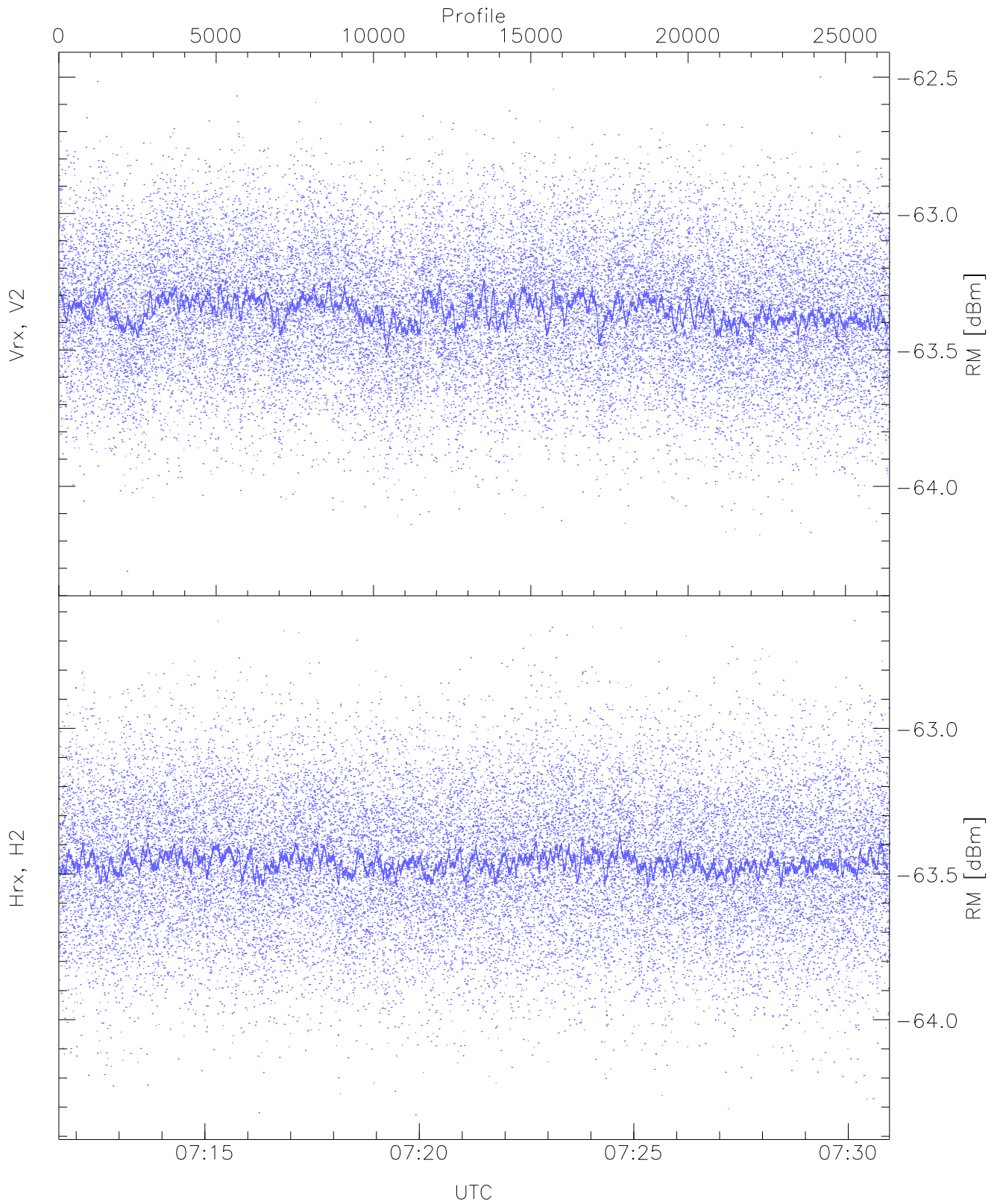
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-64.28	-62.37	-63.26	-63.26	-76.20
Hrx, H2(WL [dBm])	-64.33	-62.50	-63.42	-63.42	-76.35



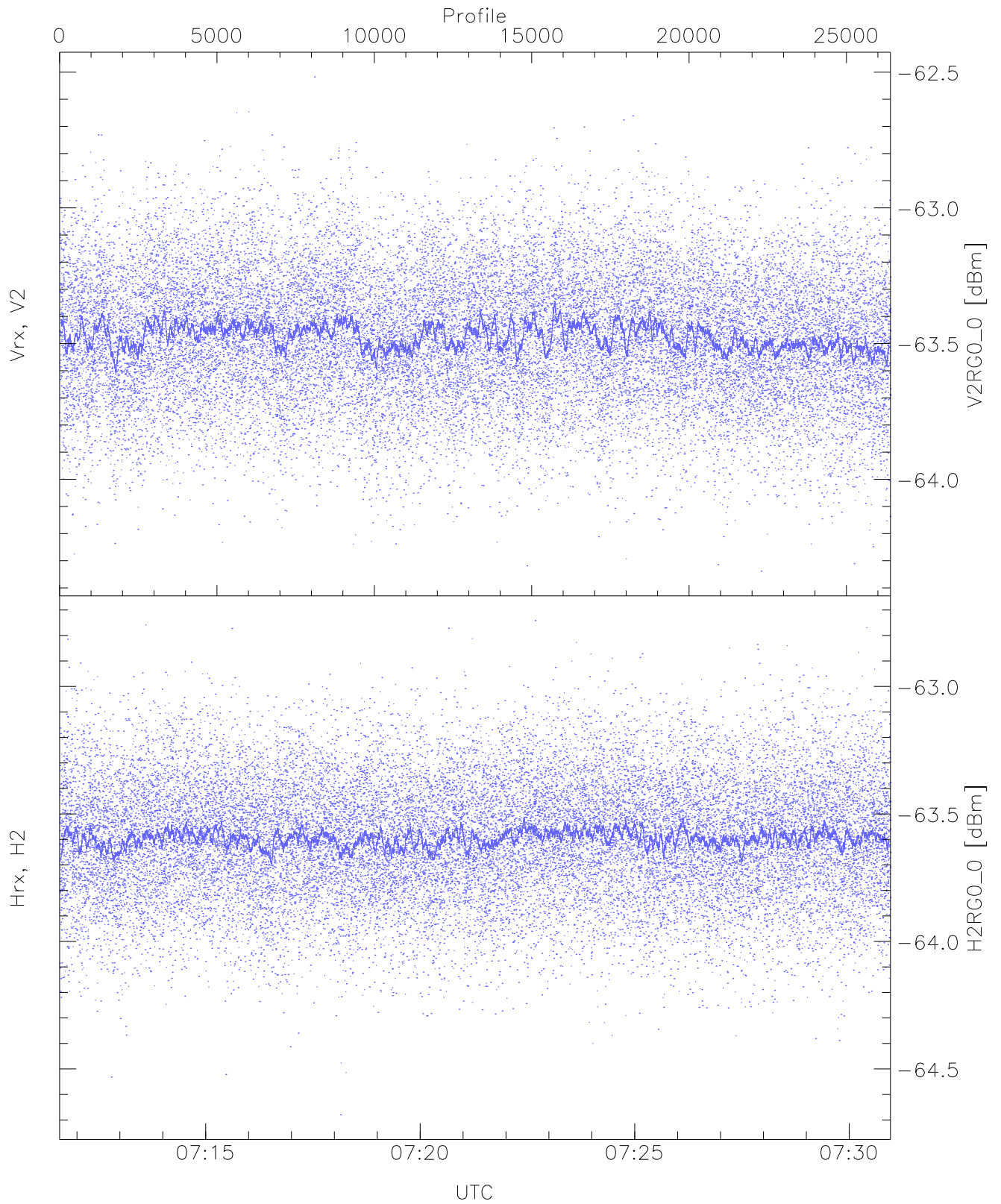
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-63.95	-62.12	-63.02	-63.03	-75.93
Hrx, H2(HL [dBm])	-64.12	-62.14	-63.16	-63.16	-76.09



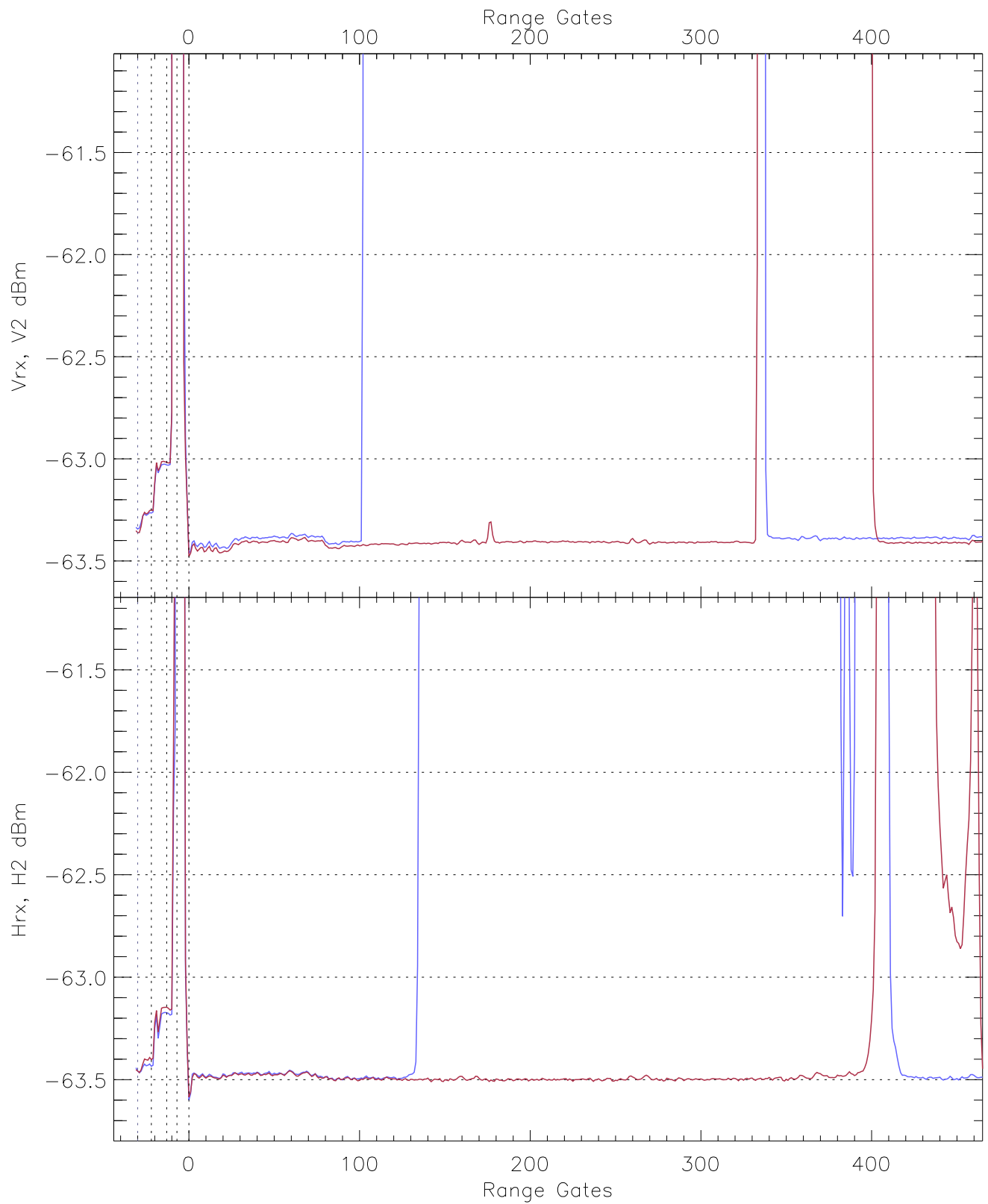
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-64.31	-62.50	-63.35	-63.36	-76.24
Hrx, H2(RM [dBm])	-64.33	-62.63	-63.46	-63.46	-76.35



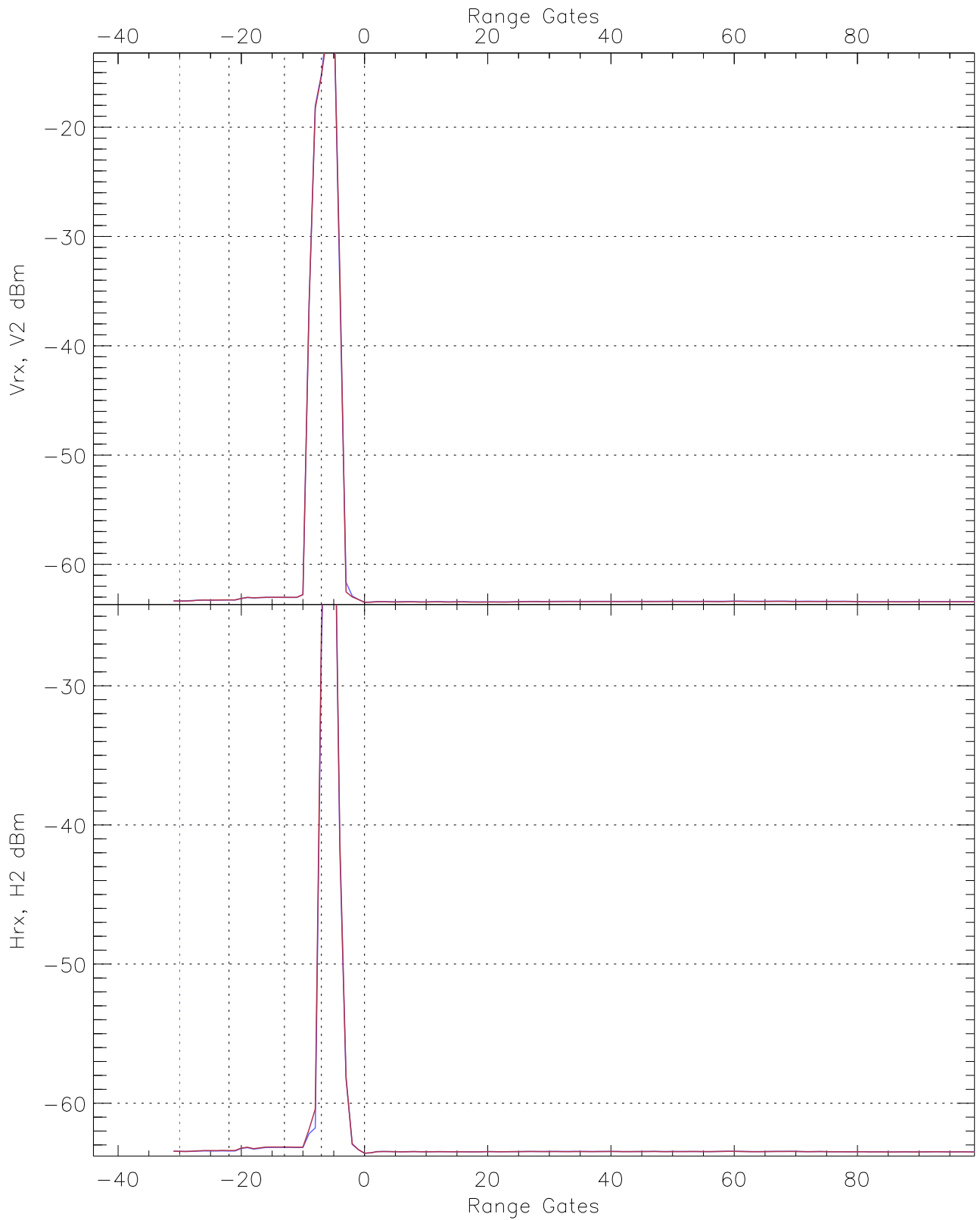
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
V2RG0_0 [dBm]	-64.34	-62.52	-63.47	-63.48	-76.34
H2RG0_0 [dBm]	-64.68	-62.74	-63.59	-63.60	-76.49

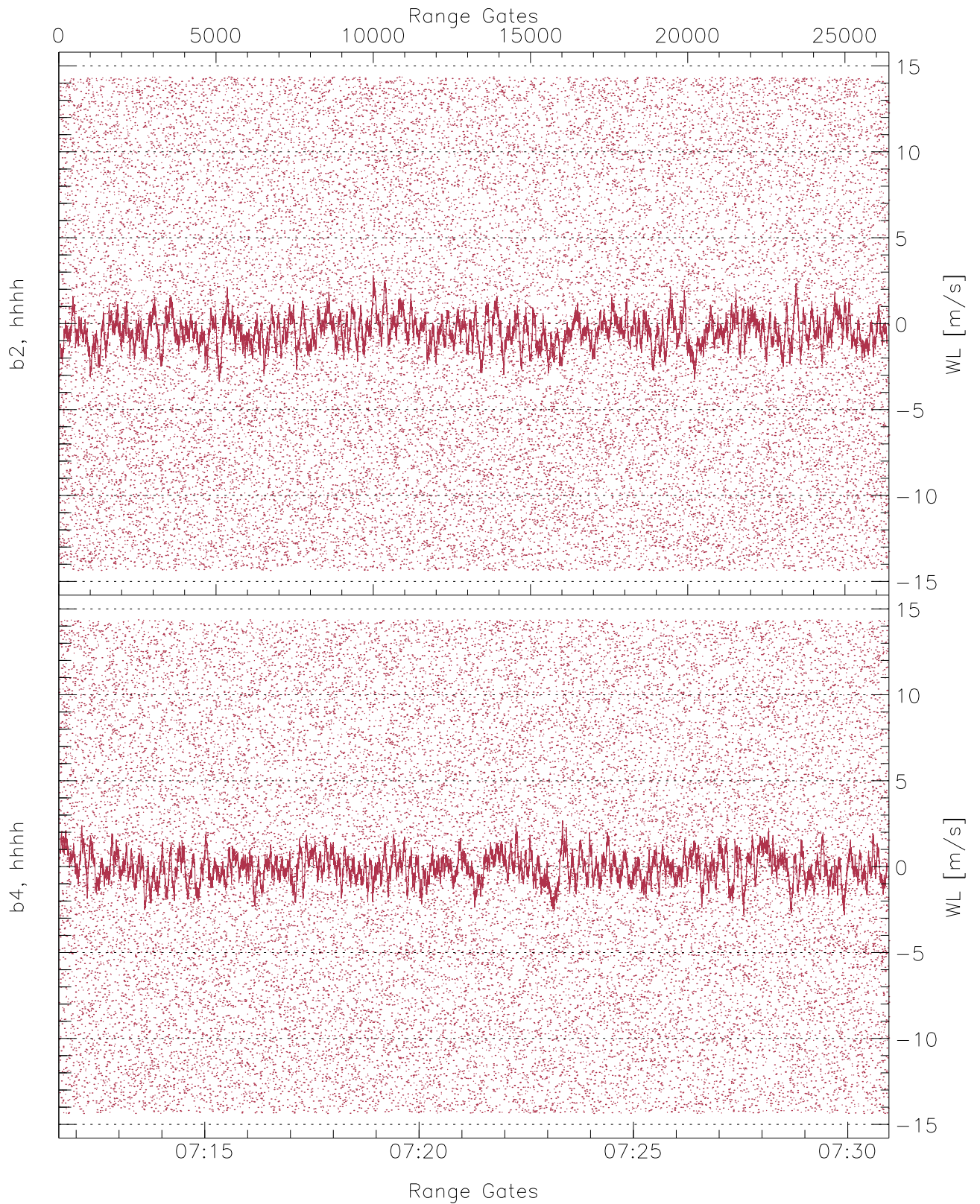


WCR2 CPP Averaged Received power for all recorded gates  
blue: 071136-072117, 13201 profiles averaged  
red: 072117-073058, 13200 profiles averaged

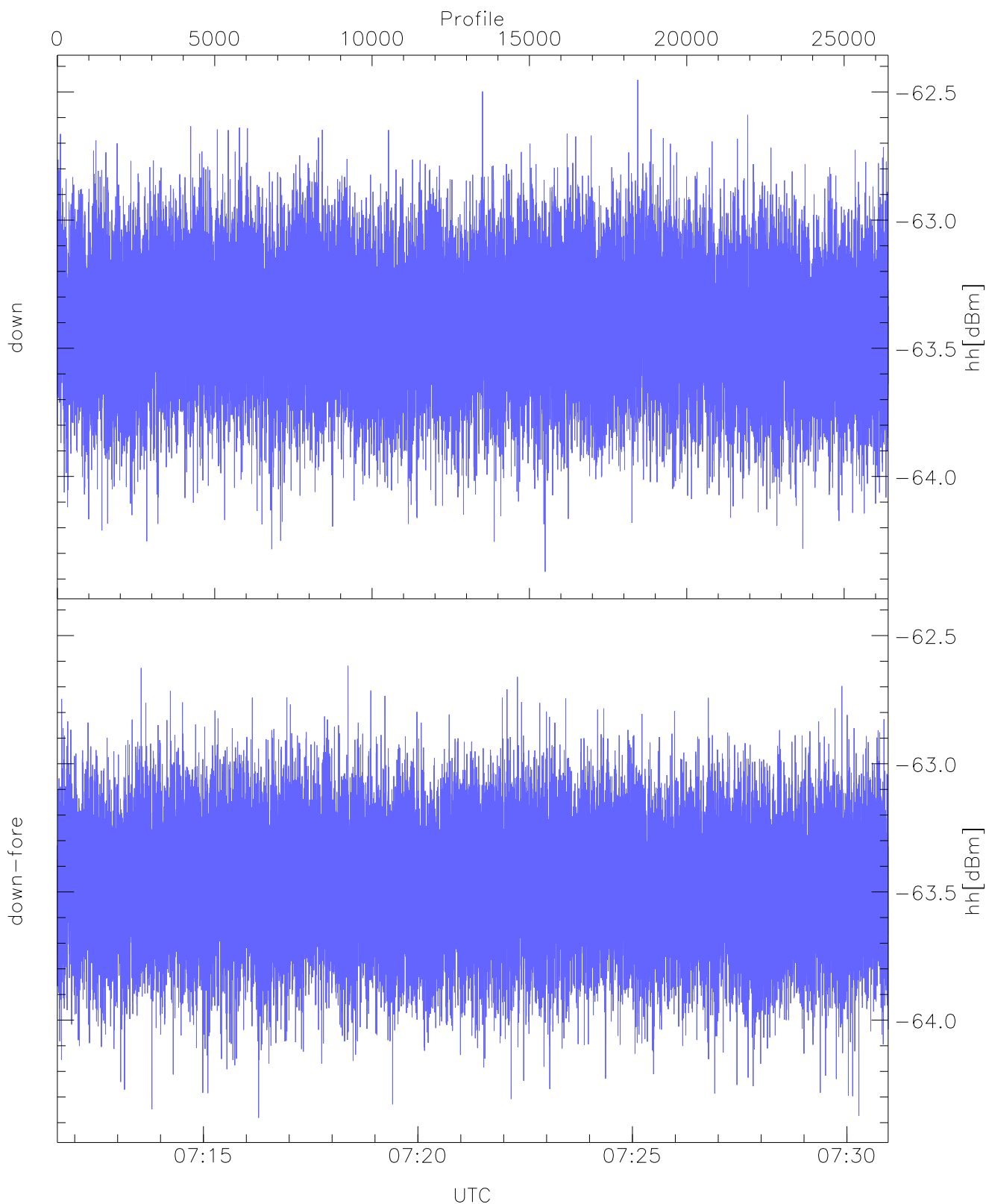




WCR2 CPP Averaged Received power for up 100 gates  
blue: 071136-072117, 13201 profiles averaged  
red: 072117-073058, 13200 profiles averaged

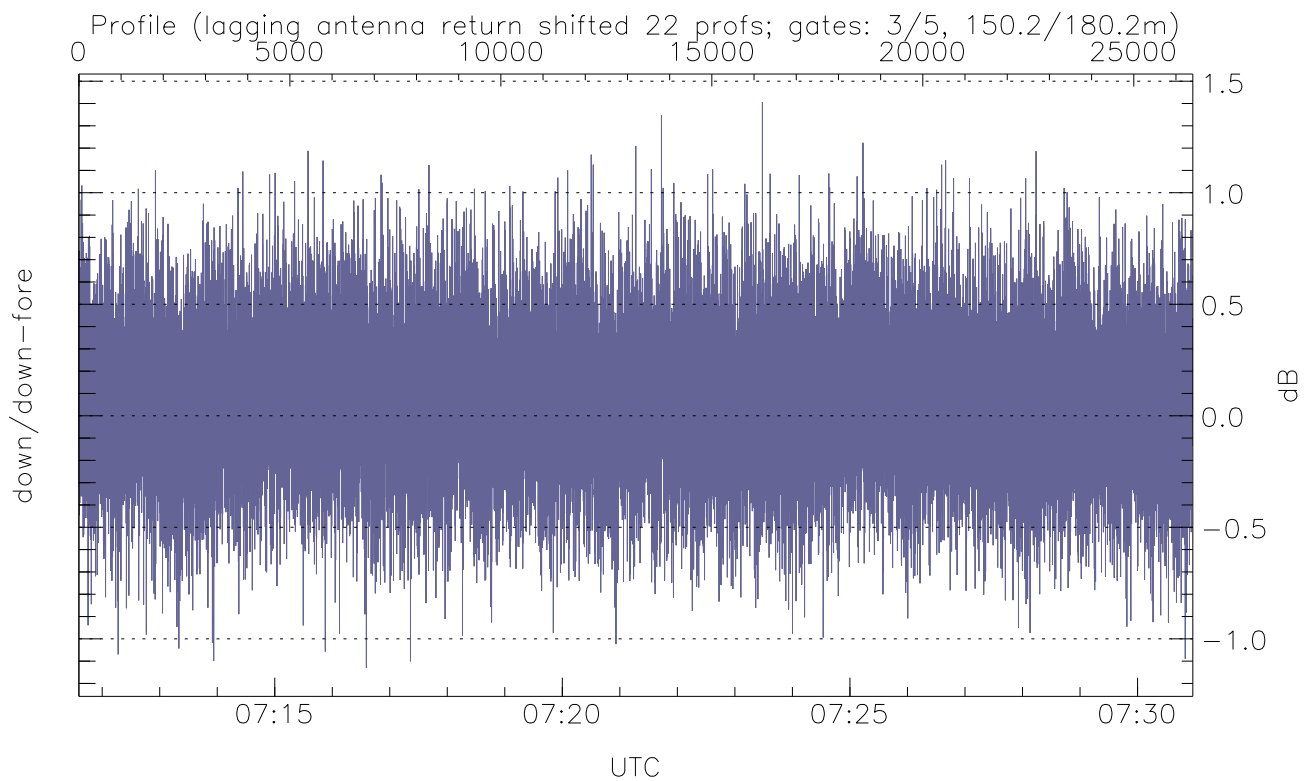


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



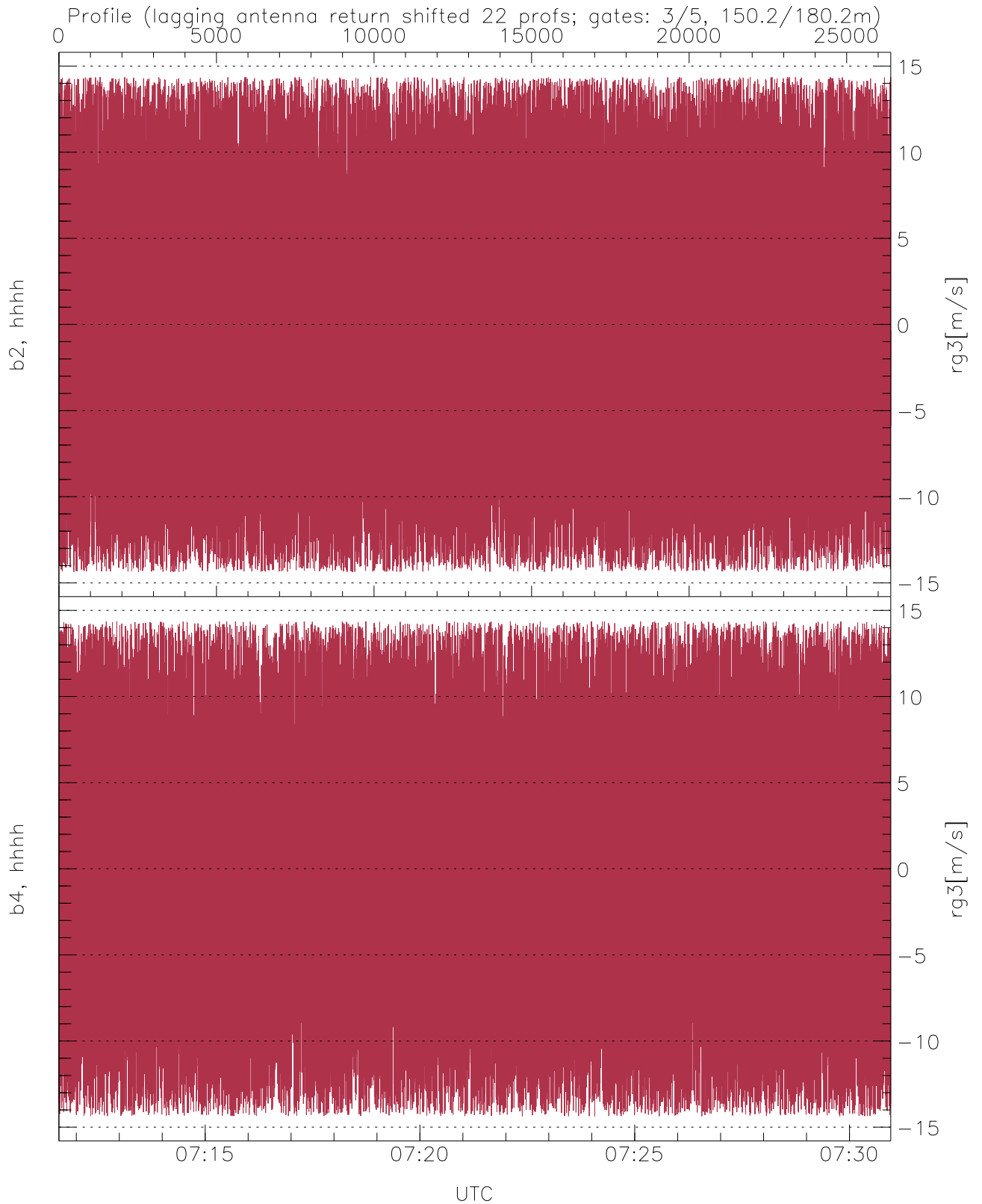
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-64.37	-62.45	-63.41
down-fore(hh[dBm])	-64.38	-62.62	-63.47



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
down/down-fore(dB)	-1.13	1.41	0.07



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-14.36	14.36	-0.50	8.44
b4, hhhh(rg3[m/s])	-14.36	14.36	-0.35	8.26