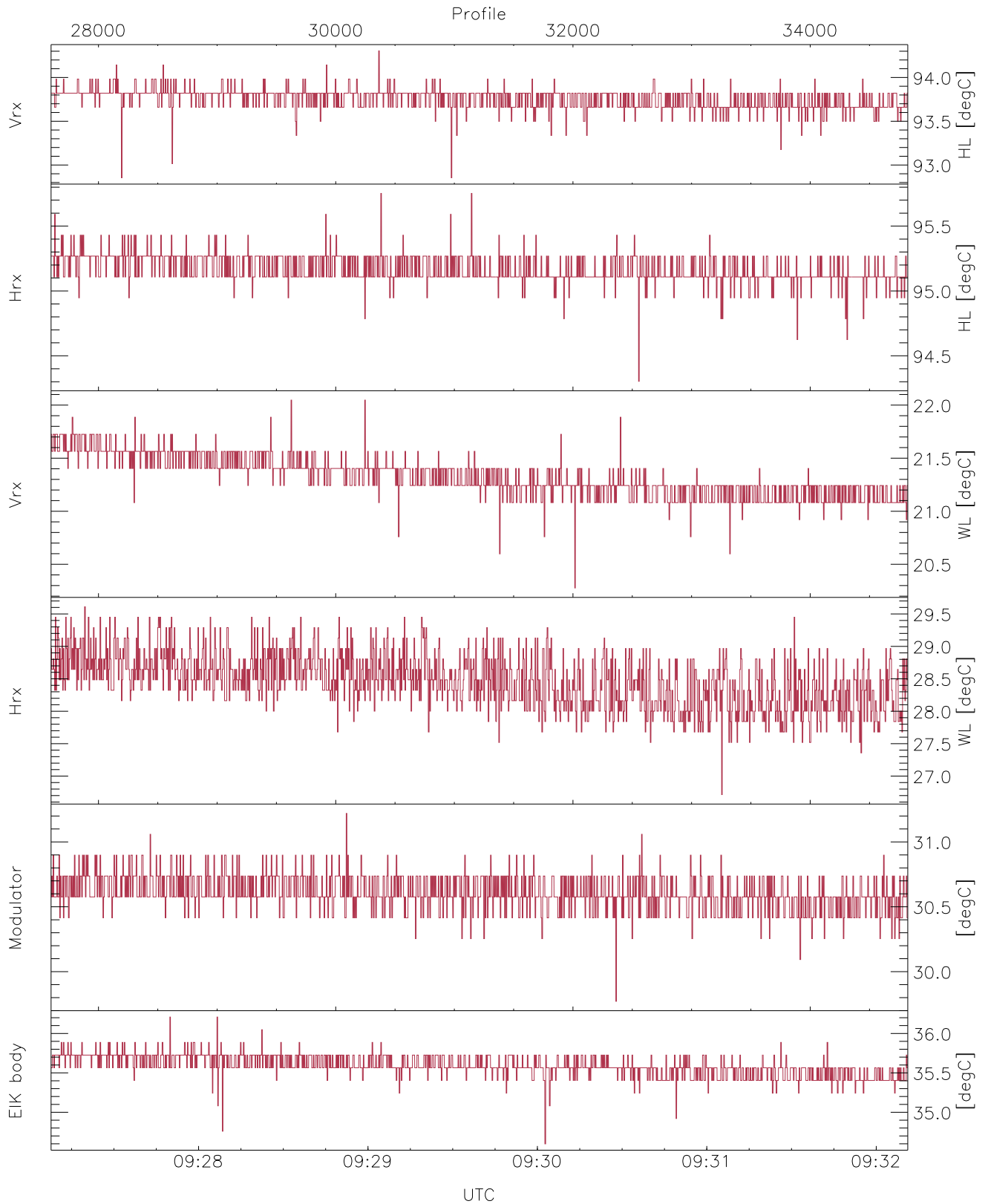




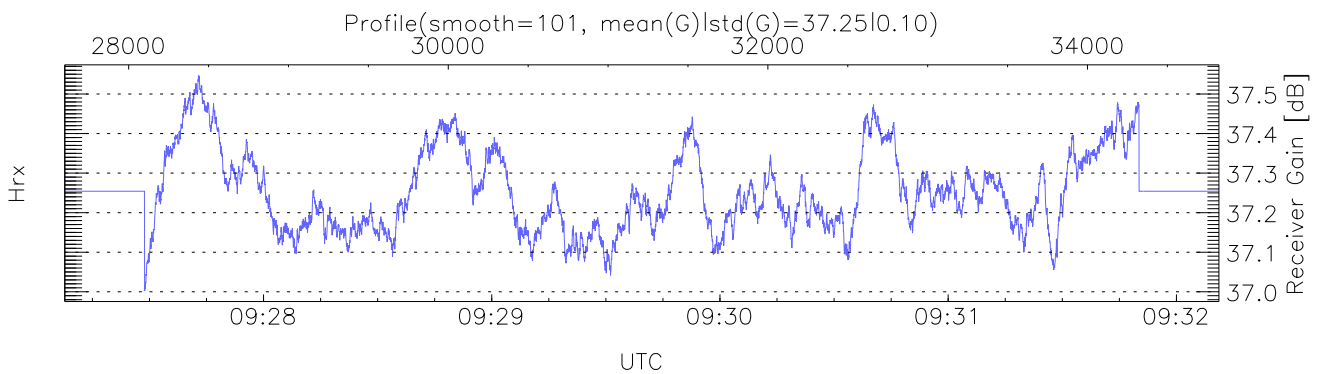
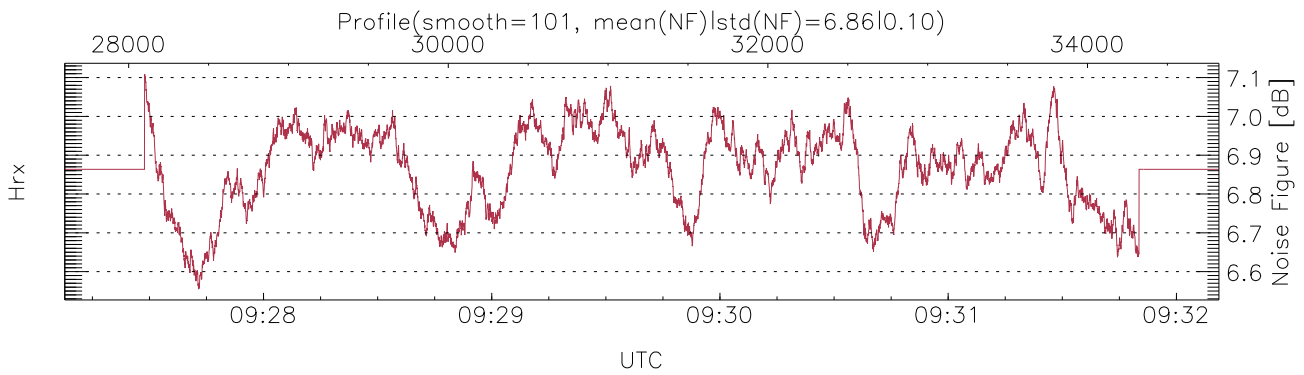
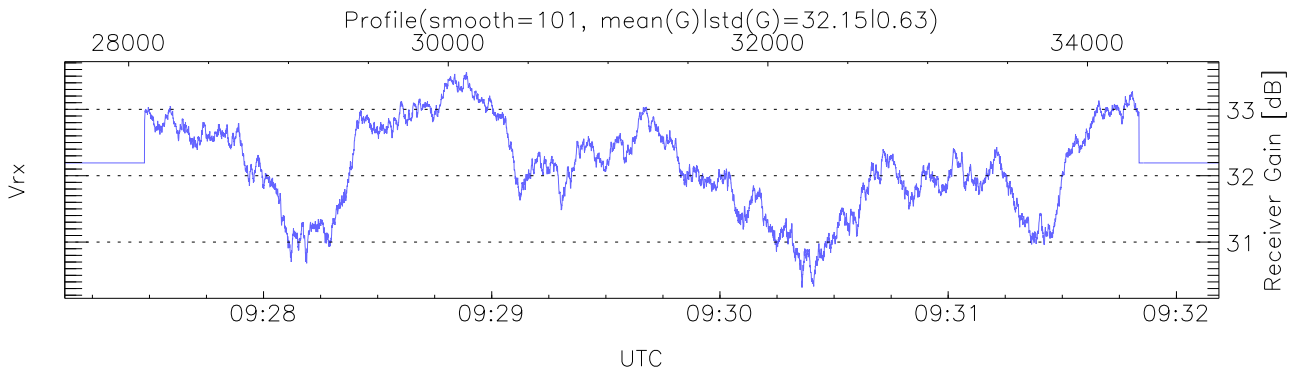
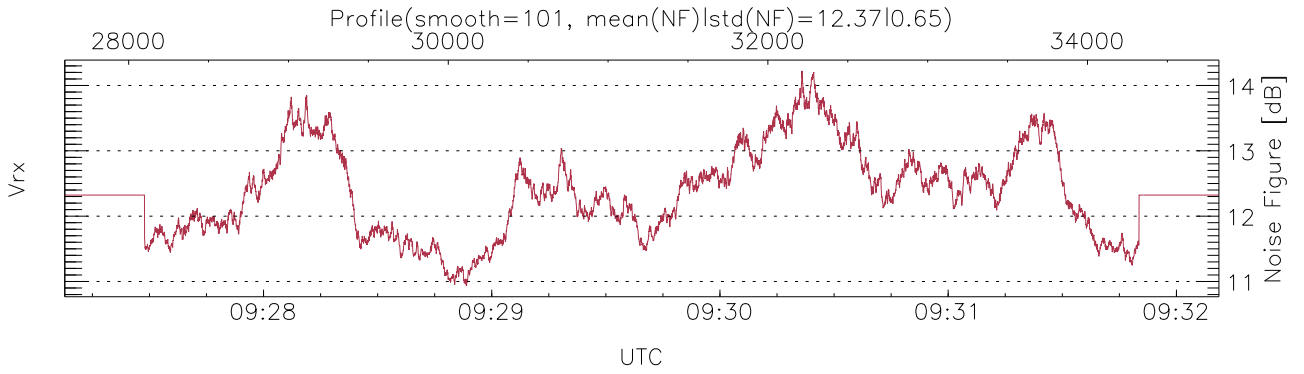
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 09:07:48-09:32:11, Dur: 1462.93s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 7224/34824, 27600-34823/09:27:08-09:32:11  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



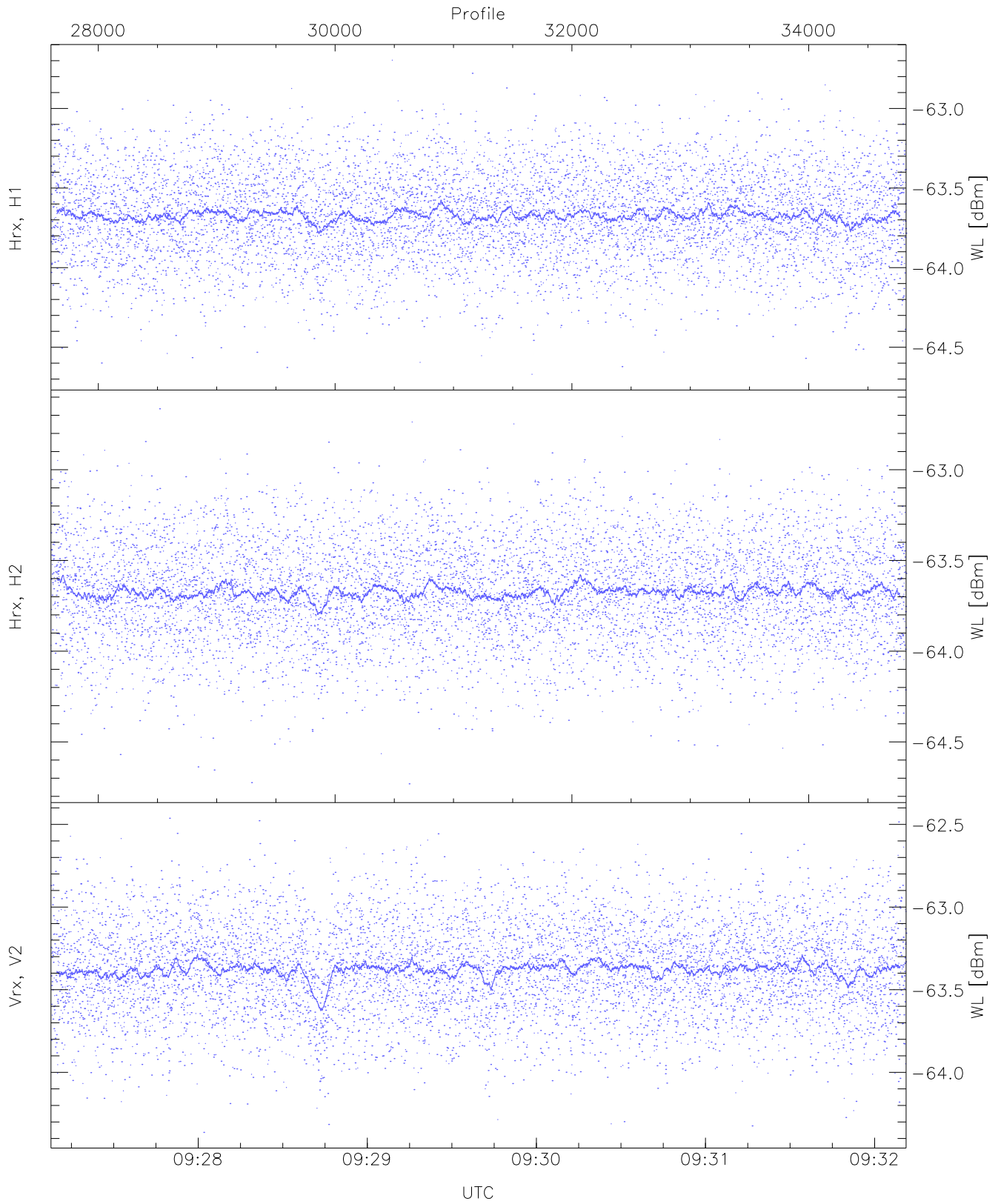
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,26,29,34  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,22,29,31,36  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



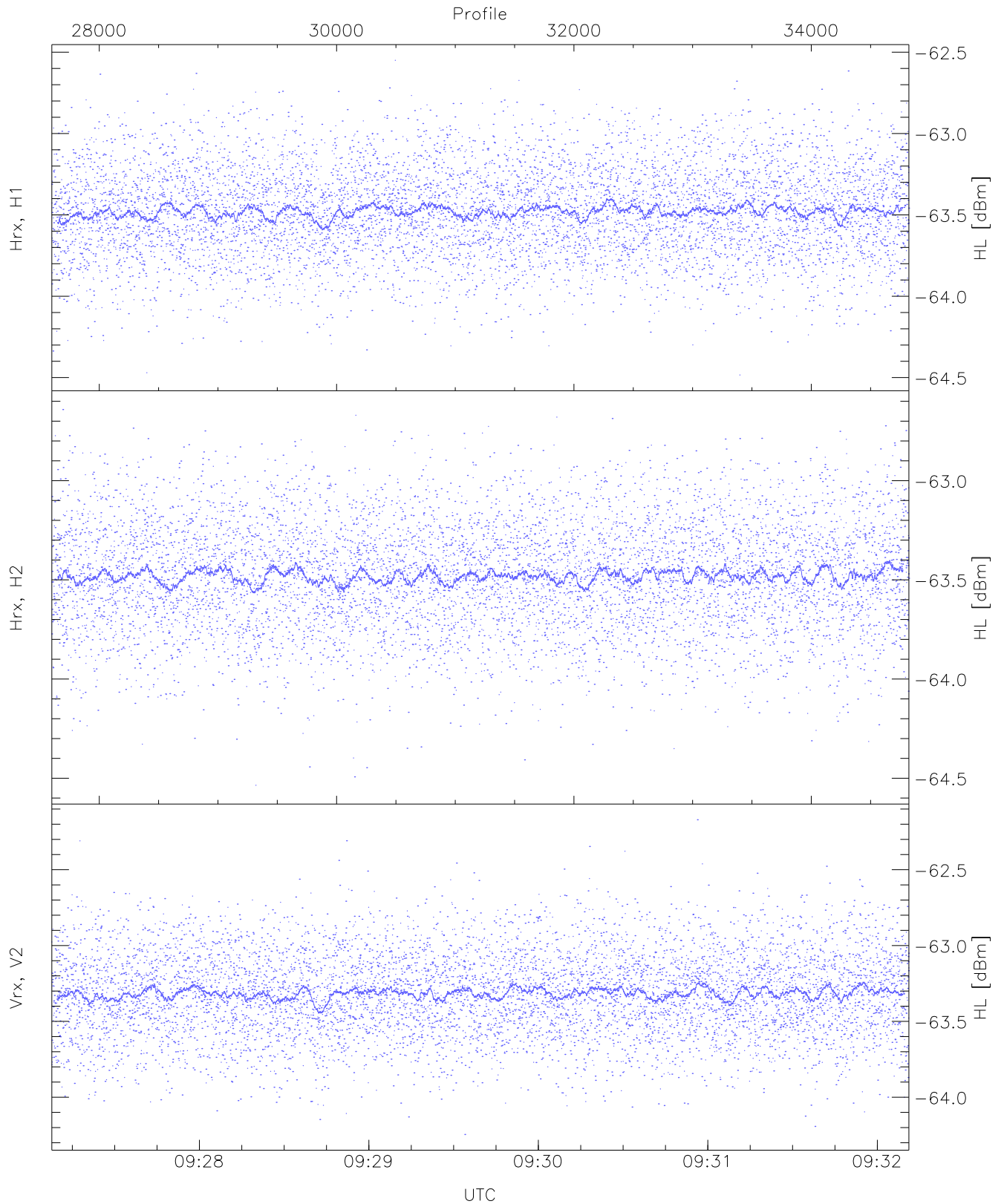
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 12 pixs, 1 gates, 12 profs, 1 prods



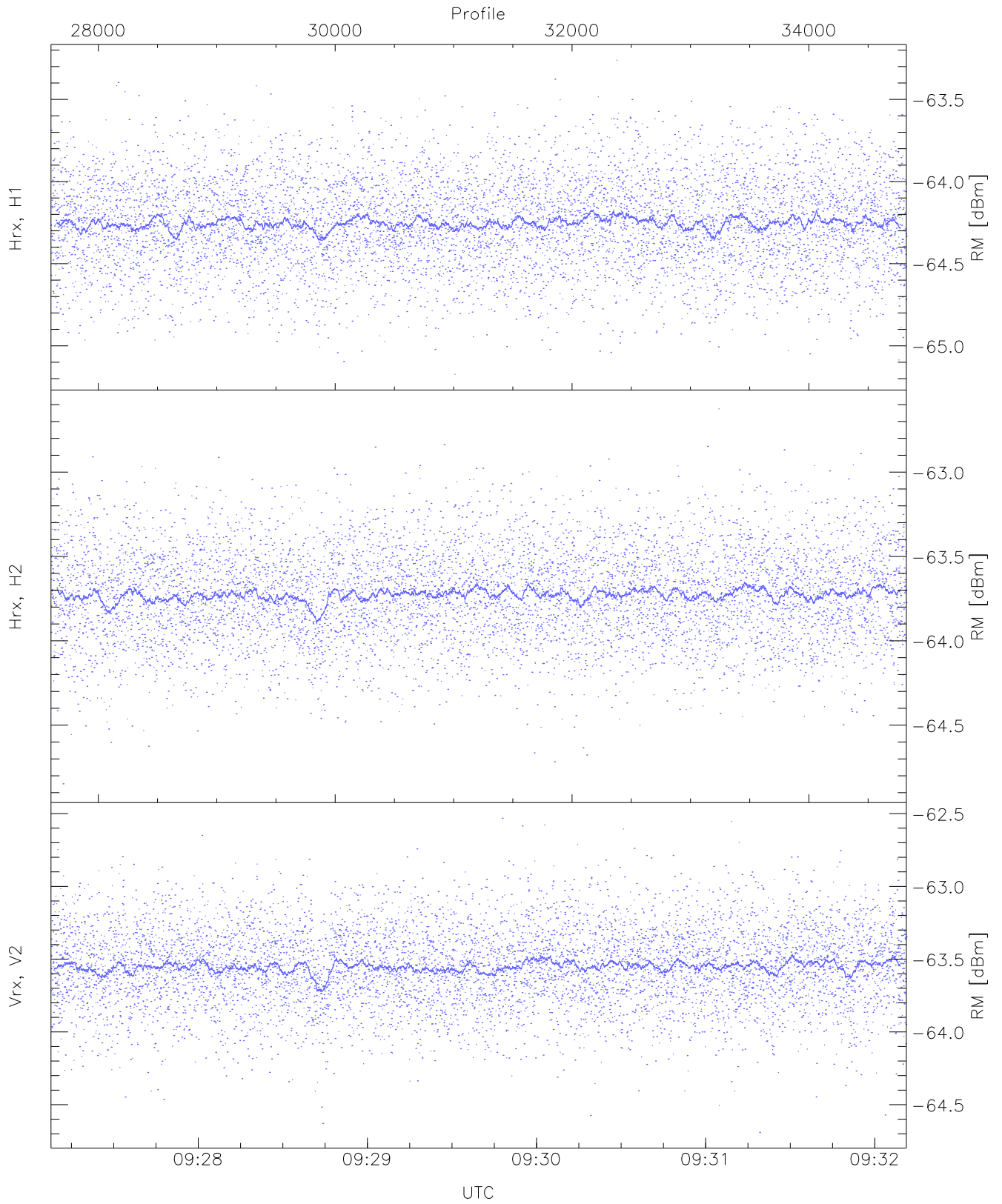
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.67	-62.70	-63.67	-63.67	-75.80
Hrx, H2(WL [dBm])	-64.73	-62.66	-63.67	-63.68	-75.84
Vrx, V2(WL [dBm])	-64.36	-62.46	-63.37	-63.38	-75.47



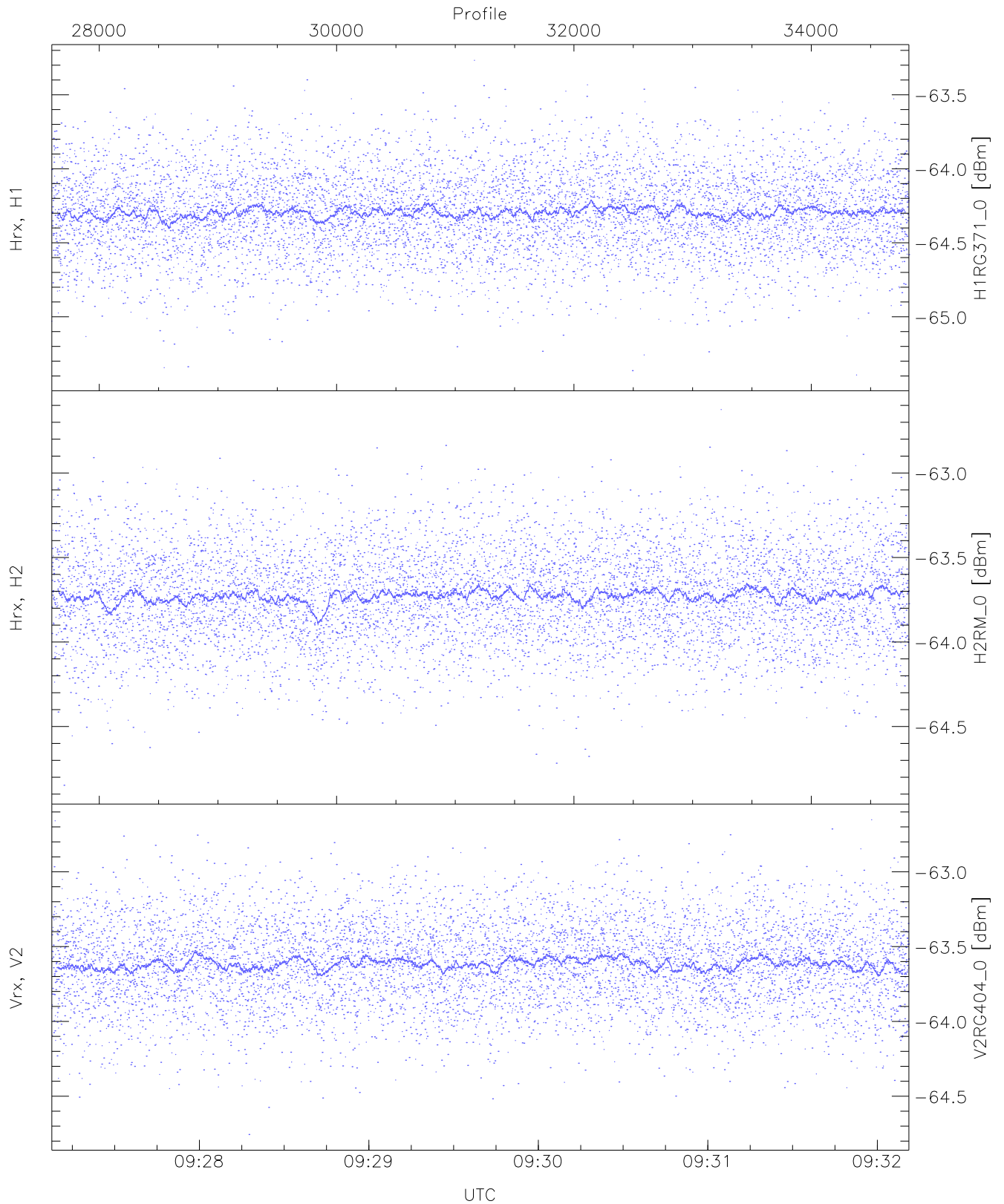
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.48	-62.55	-63.47	-63.48	-75.58
Hrx, H2 (HL [dBm])	-64.54	-62.64	-63.47	-63.48	-75.63
Vrx, V2 (HL [dBm])	-64.25	-62.17	-63.31	-63.32	-75.43



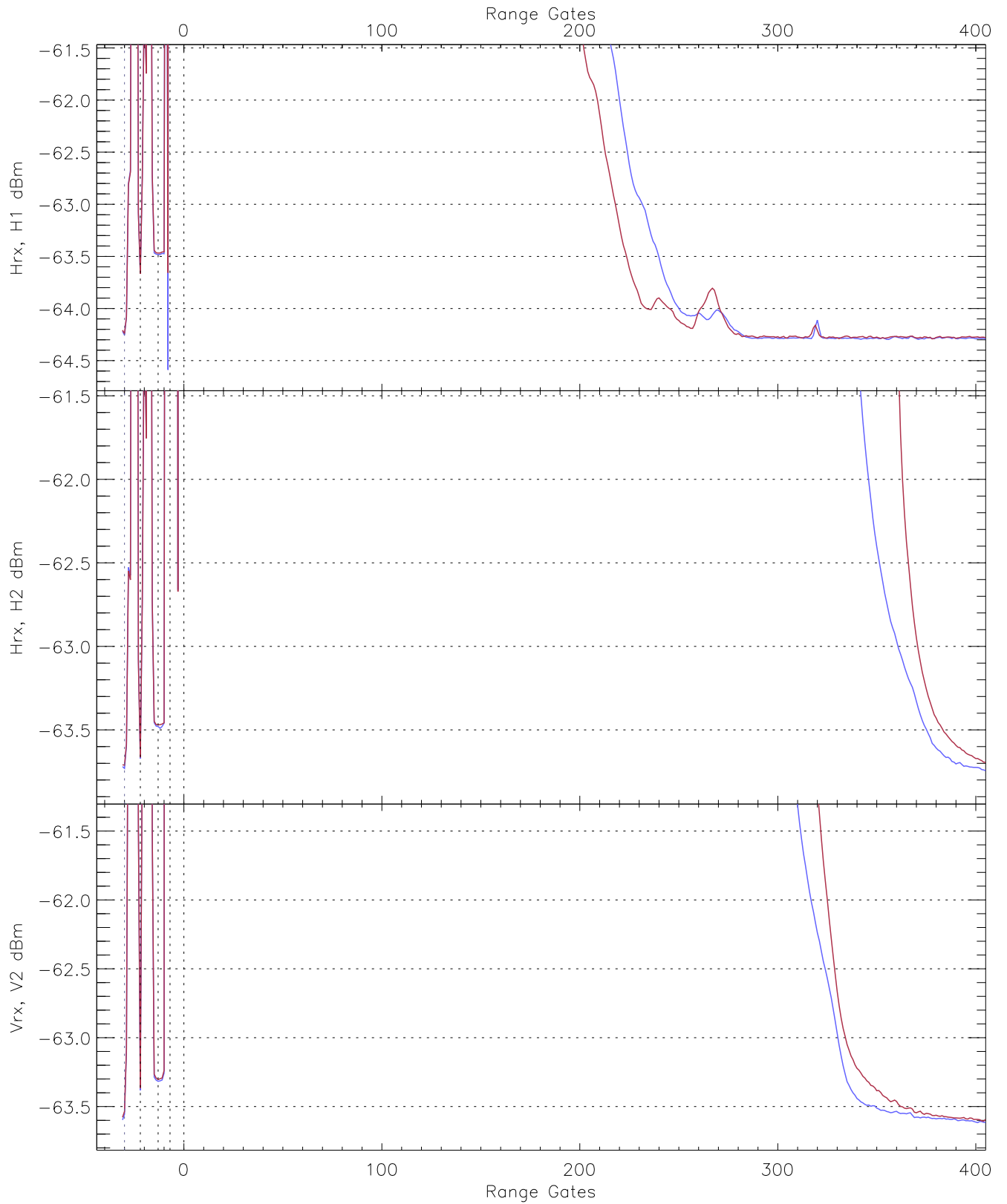
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.17	-63.26	-64.25	-64.26	-76.40
Hrx, H2 (RM [dBm])	-64.85	-62.62	-63.72	-63.73	-75.85
Vrx, V2 (RM [dBm])	-64.69	-62.53	-63.55	-63.55	-75.68



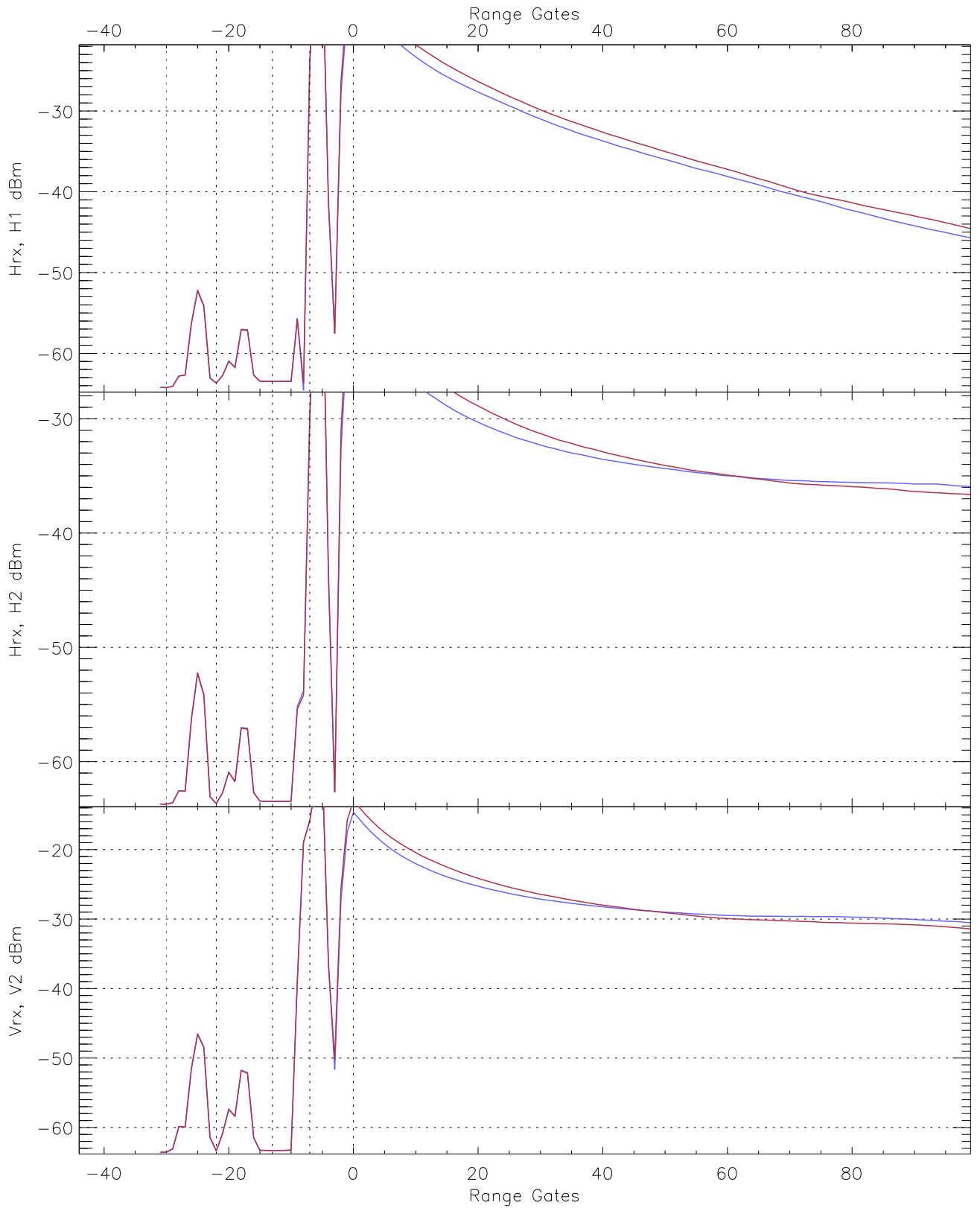
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG371_0 [dBm]	-65.39	-63.27	-64.29	-64.29	-76.41
H2RM_0 [dBm]	-64.85	-62.62	-63.72	-63.73	-75.85
V2RG404_0 [dBm]	-64.76	-62.65	-63.61	-63.61	-75.73

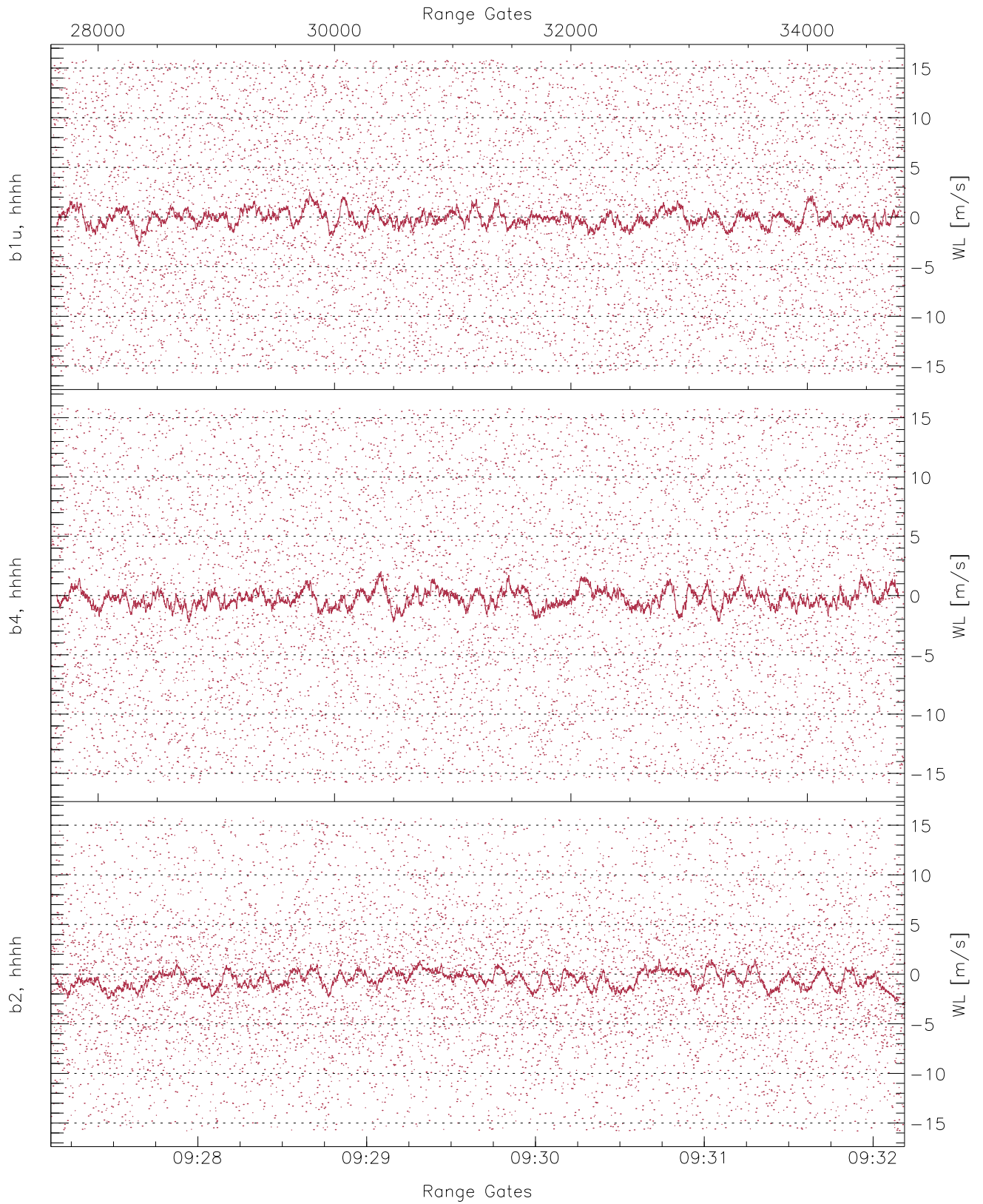


WCR2 CPP Averaged Received power for all recorded gates  
blue: 092708-092939, 3613 profiles averaged  
red: 092939-093211, 3612 profiles averaged

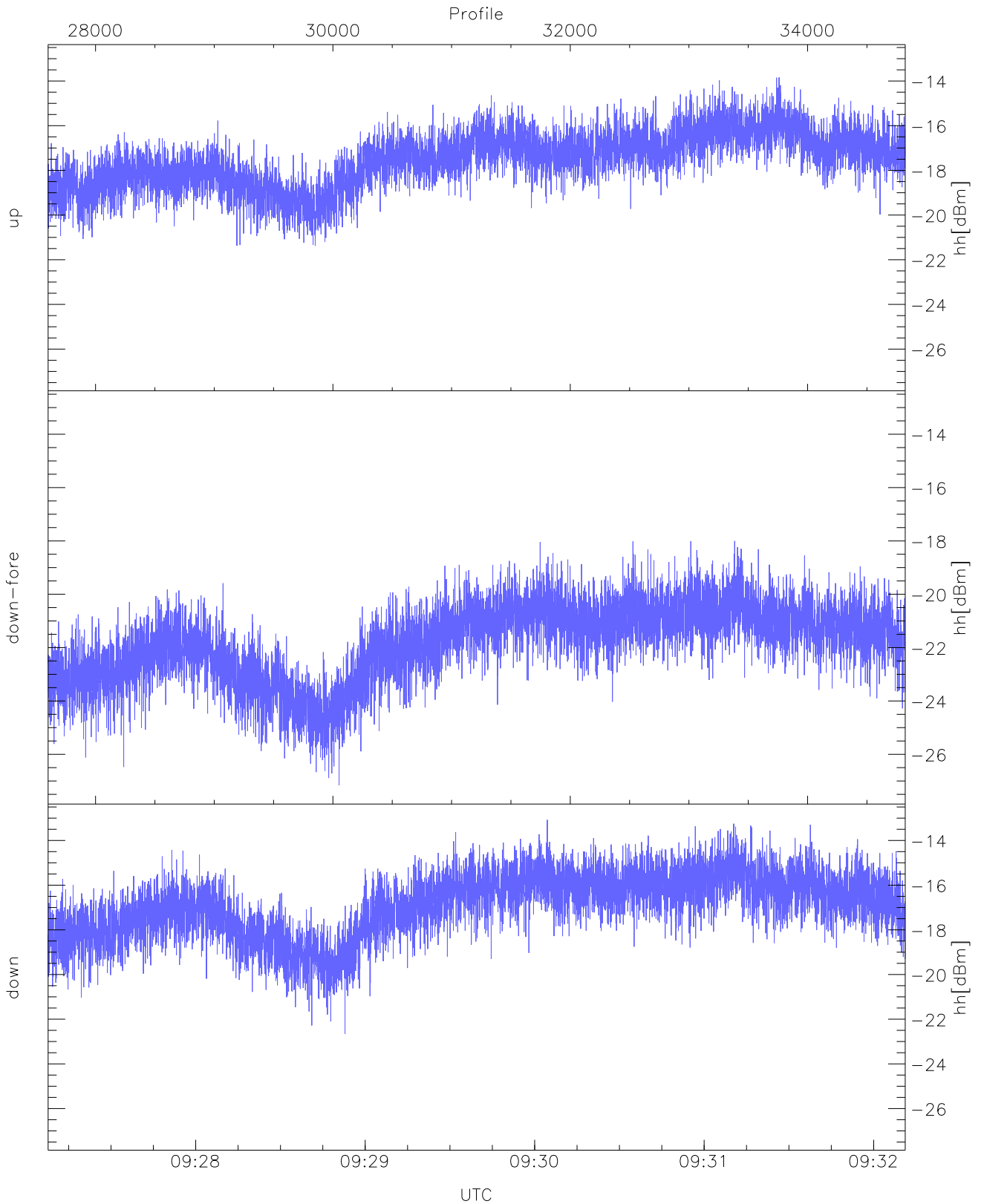




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 092708-092939, 3613 profiles averaged  
red: 092939-093211, 3612 profiles averaged

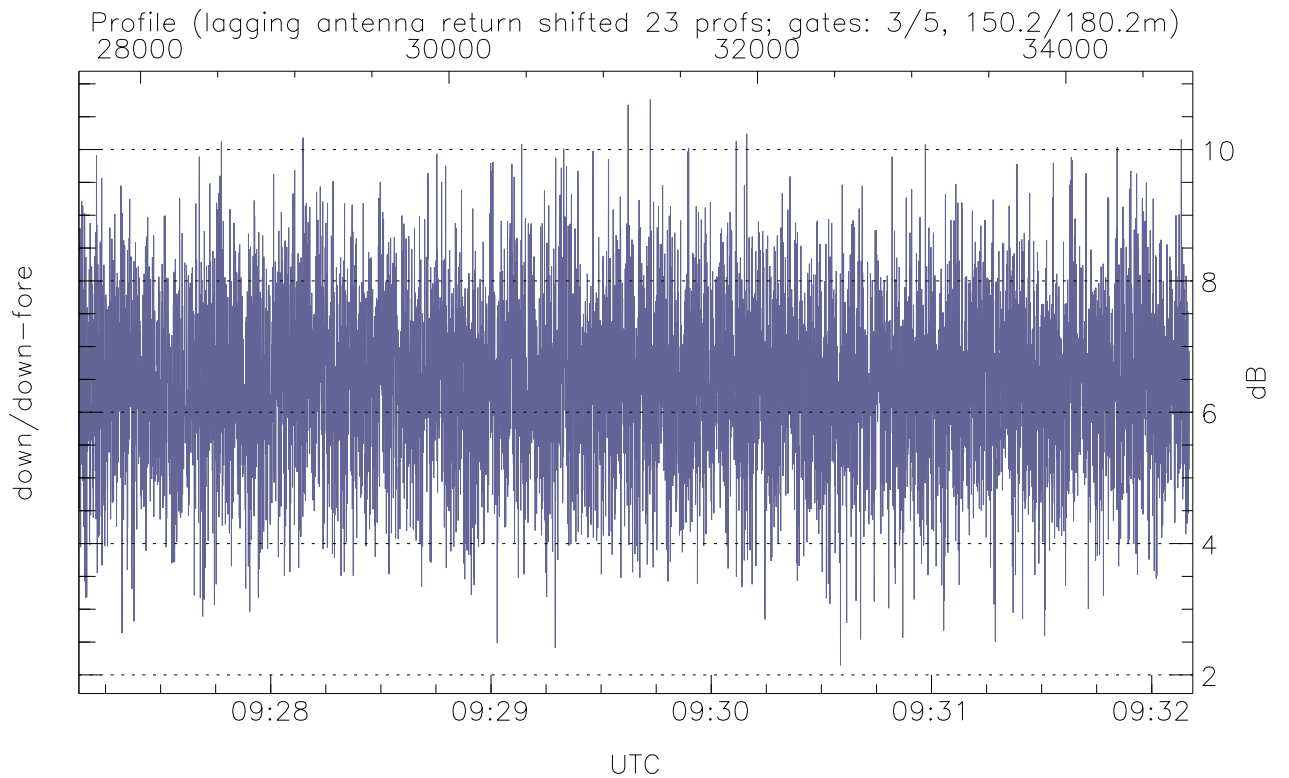
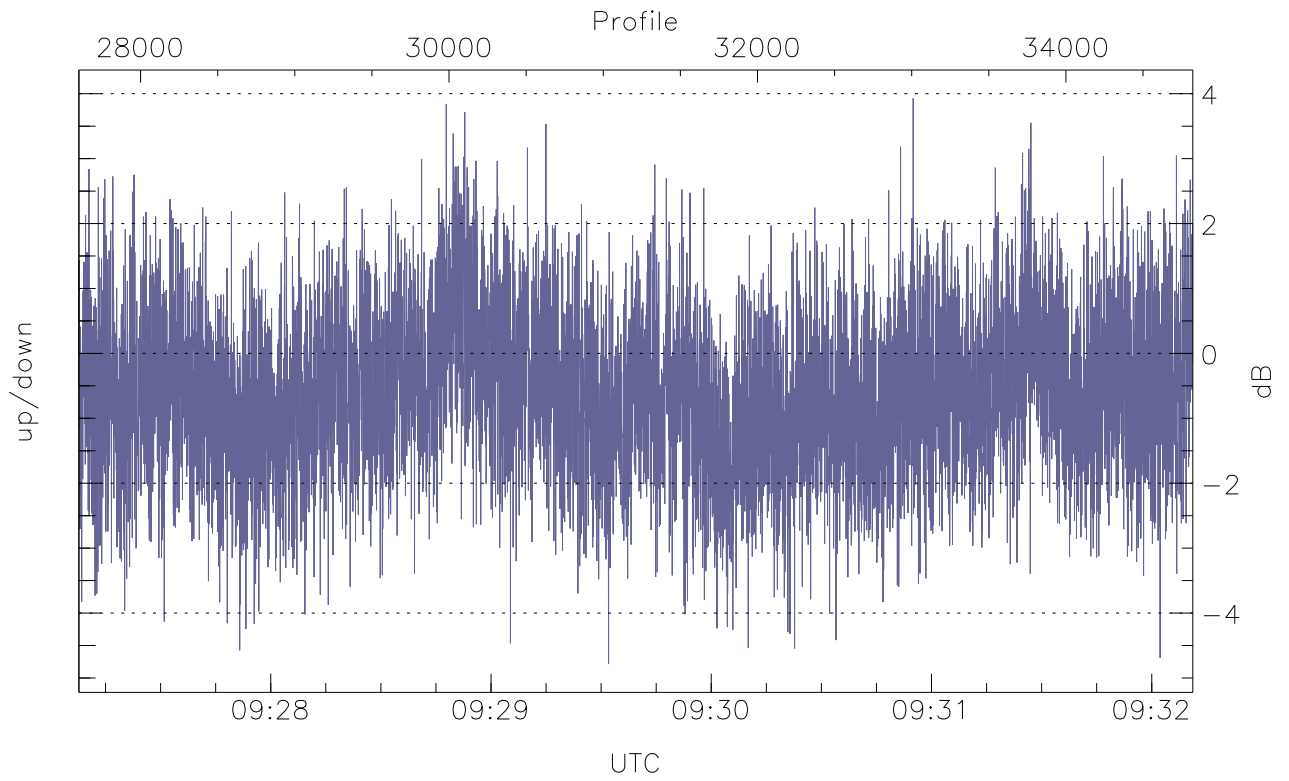


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



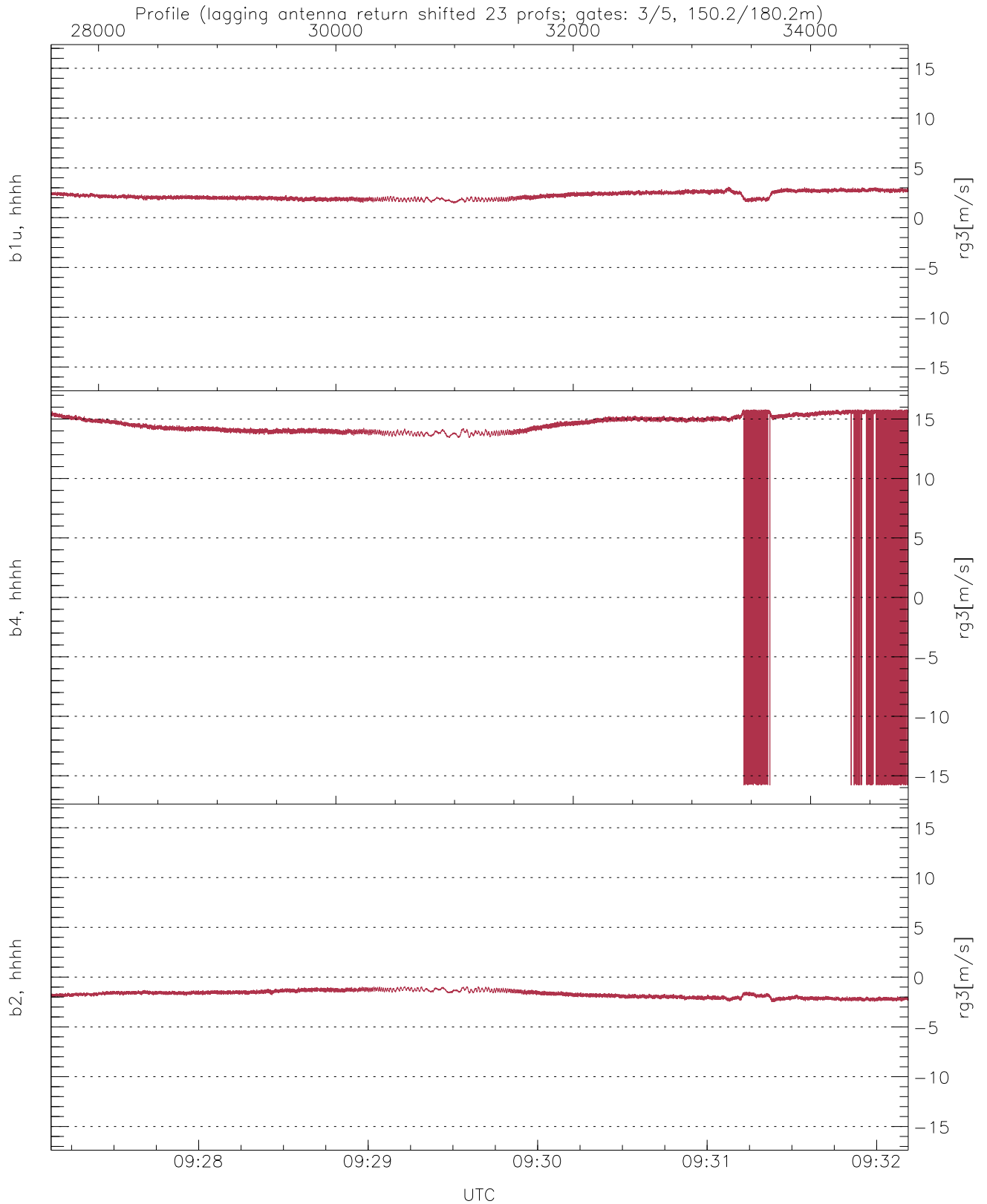
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-21.38	-13.84	-17.35
down-fore(hh[dBm])	-27.16	-18.00	-21.60
down(hh[dBm])	-22.65	-13.07	-16.70



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-4.79	3.93	-0.60
down/down-fore (dB)	2.15	10.76	6.44



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	1.47	3.09	2.20	0.36
b4, hhhh(rg3[m/s])	-15.80	15.80	13.79	4.80
b2, hhhh(rg3[m/s])	-2.51	-0.95	-1.68	0.35