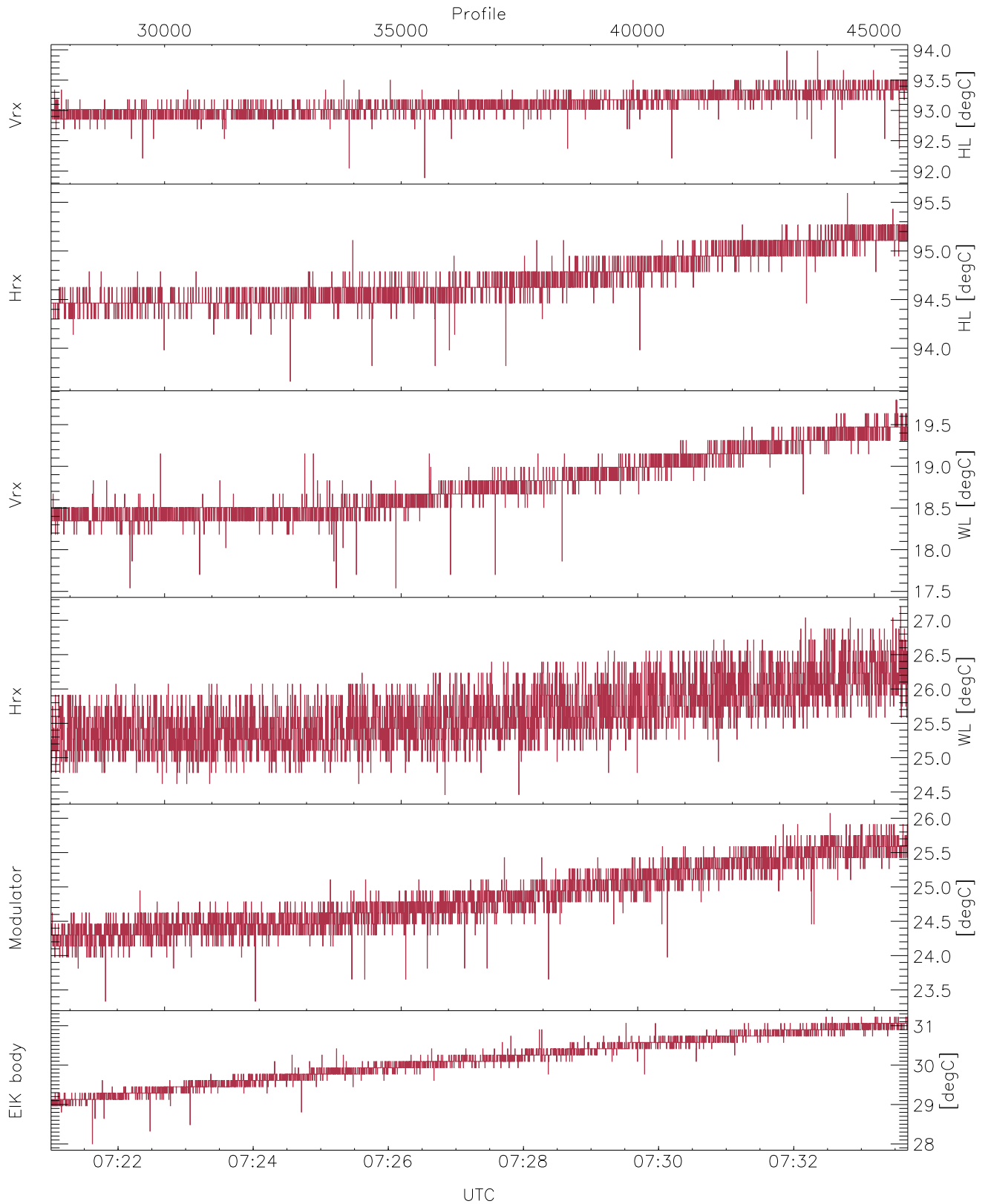


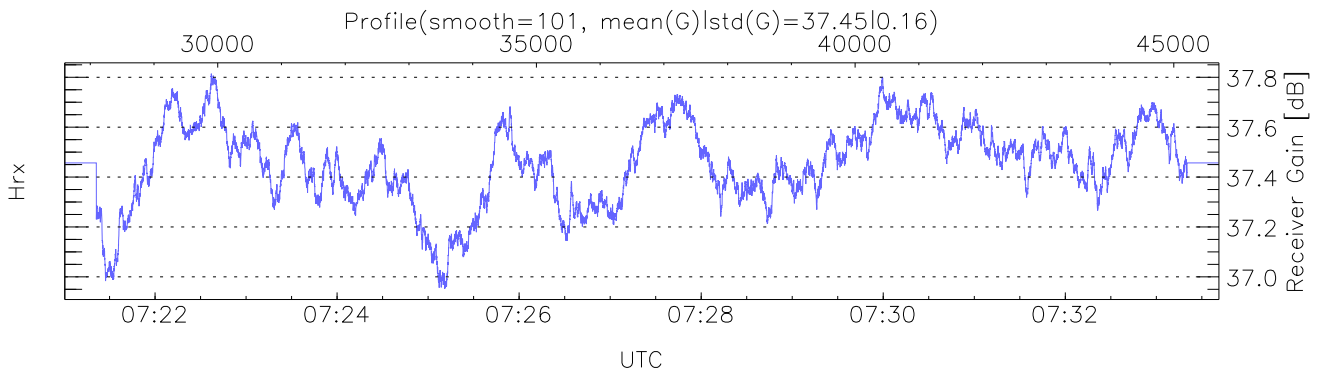
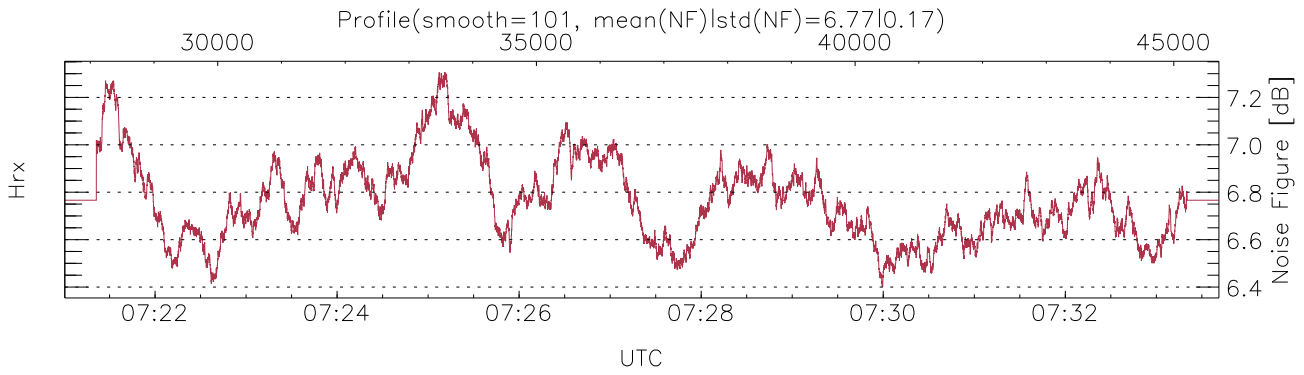
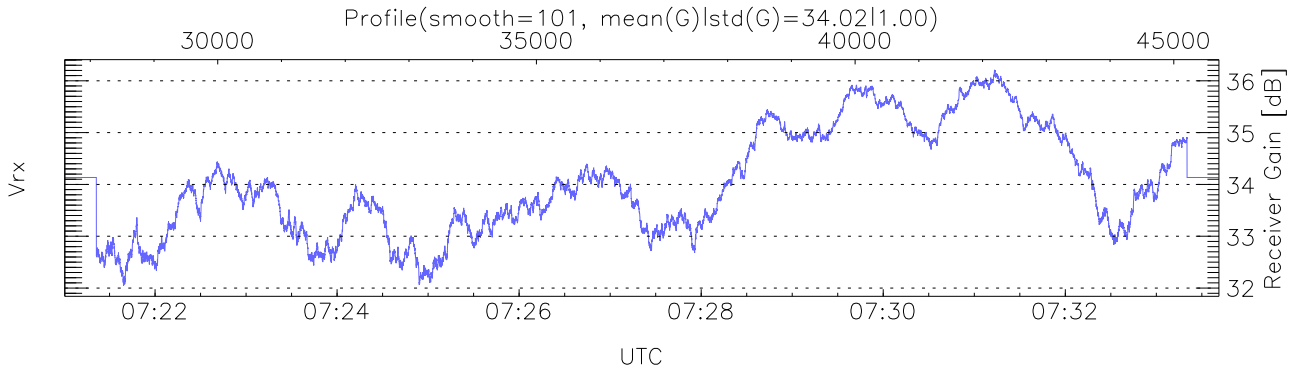
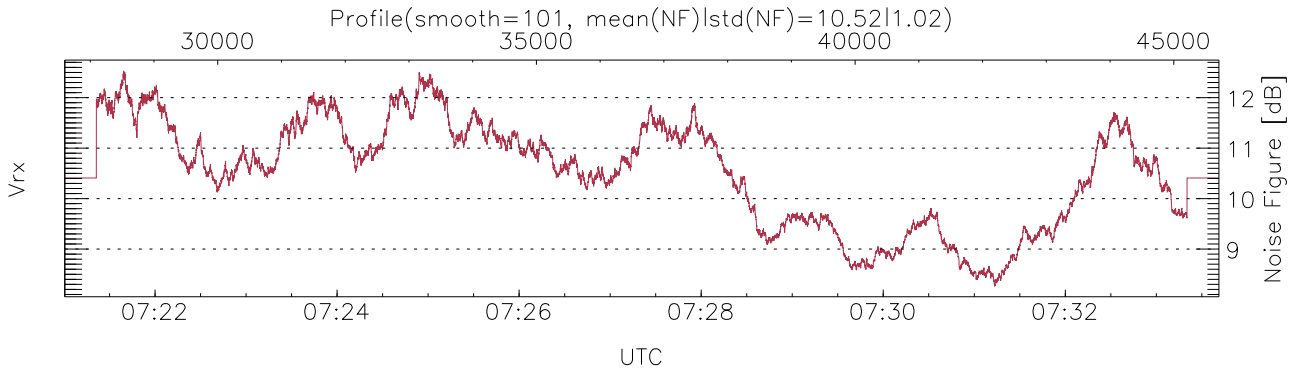
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 07:01:41-07:33:41, Dur: 1920.26s  
 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): 18110/45710, 27600-45709/07:21:01-07:33:41  
 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,rqs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



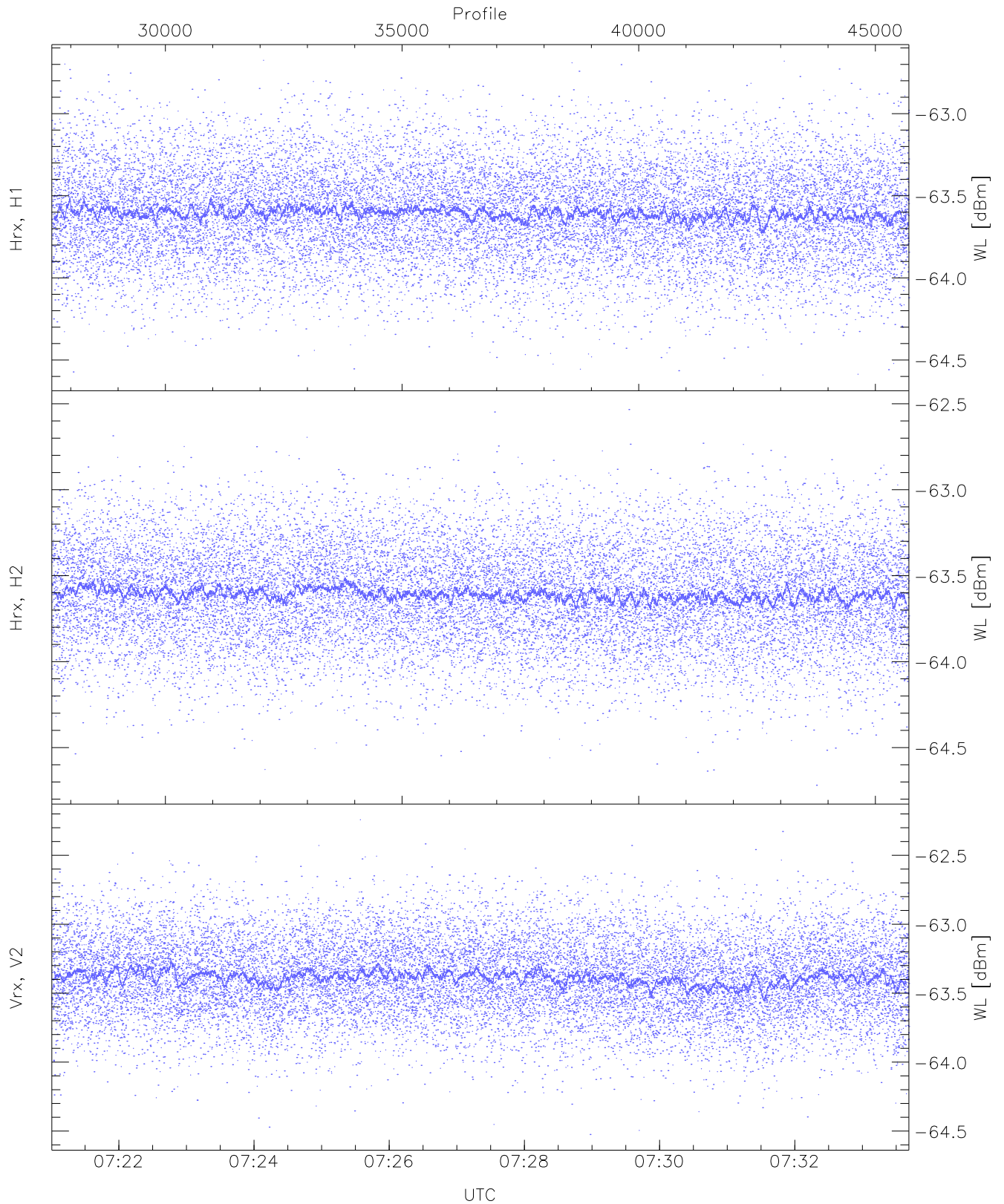
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,23,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,19,27,26,31  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



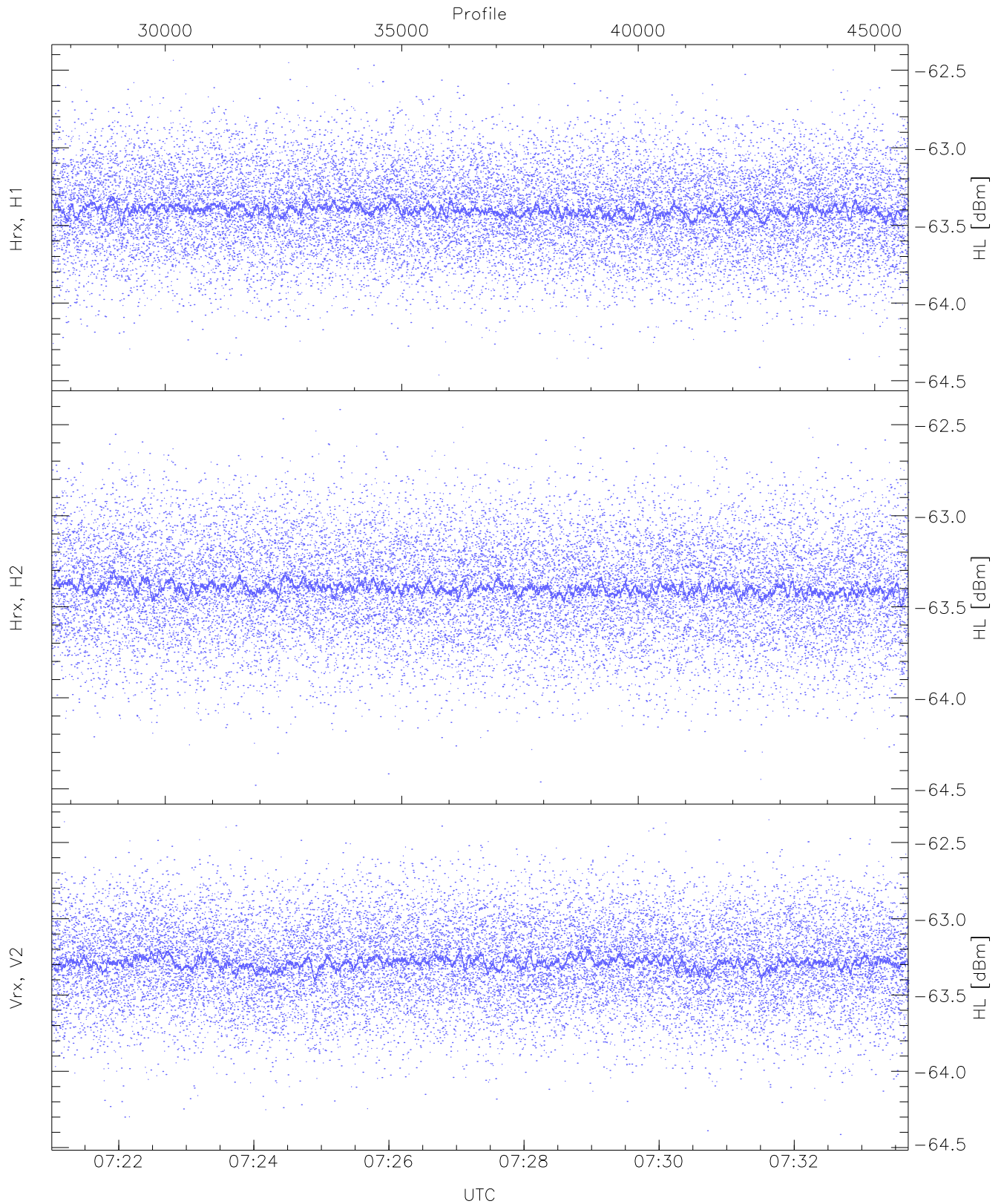
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4752 pixs, 81 gates, 3832 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

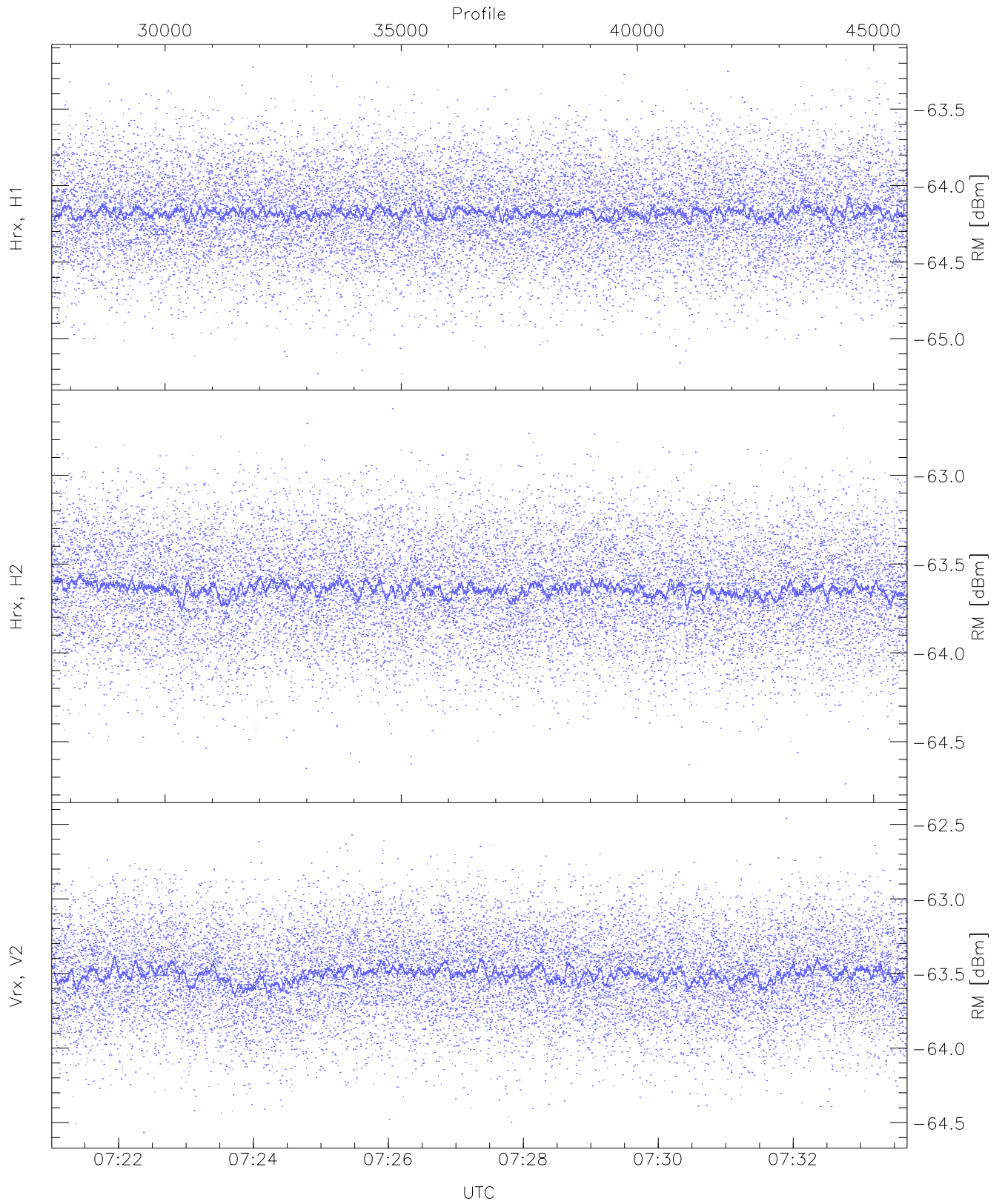
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.59	-62.68	-63.60	-63.61	-75.73
Hrx, H2 (WL [dBm])	-64.72	-62.53	-63.60	-63.61	-75.72
Vrx, V2 (WL [dBm])	-64.52	-62.24	-63.38	-63.39	-75.47



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

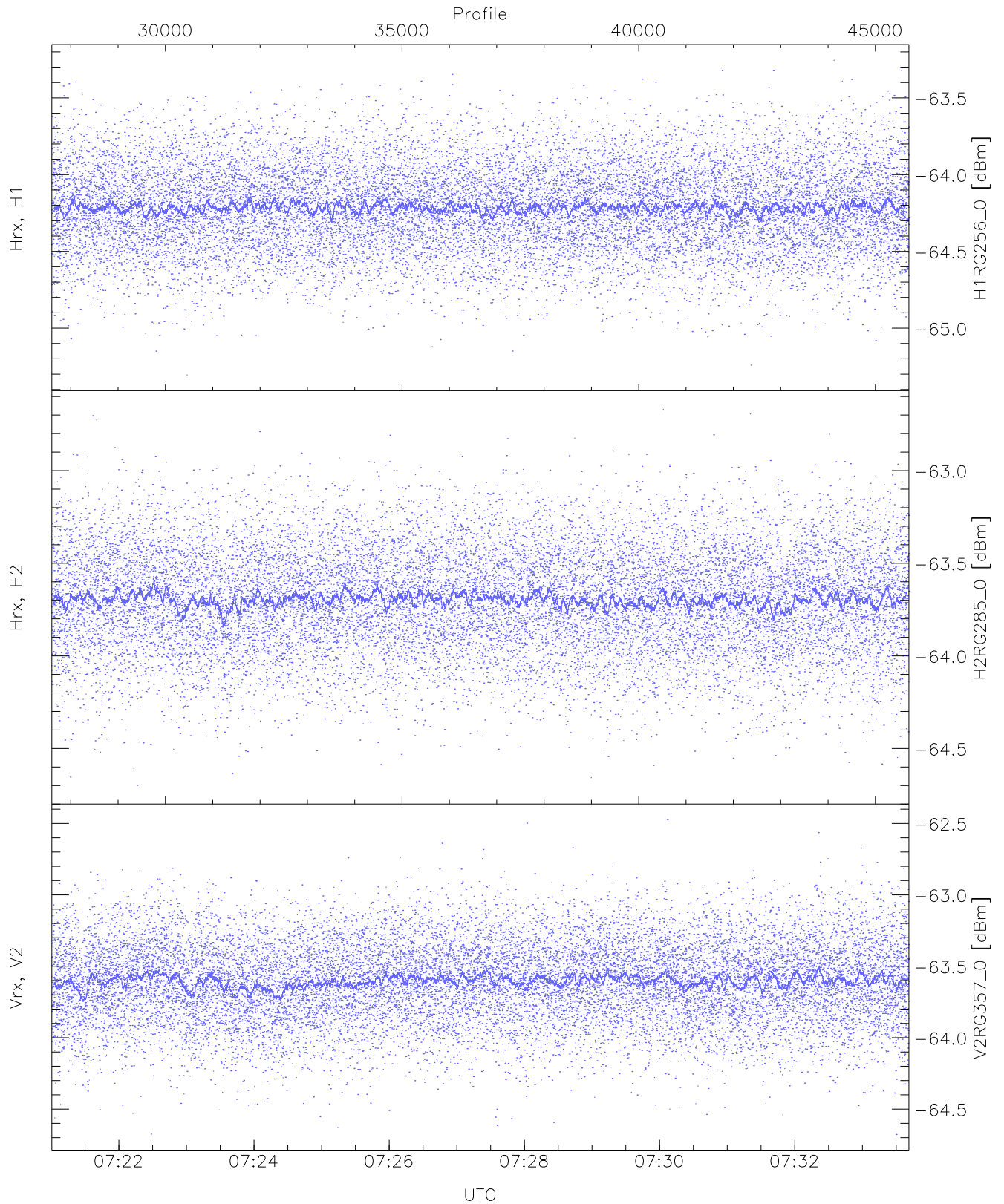
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.46	-62.44	-63.40	-63.40	-75.58
Hrx, H2 (HL [dBm])	-64.48	-62.42	-63.39	-63.40	-75.58
Vrx, V2 (HL [dBm])	-64.41	-62.35	-63.28	-63.29	-75.43





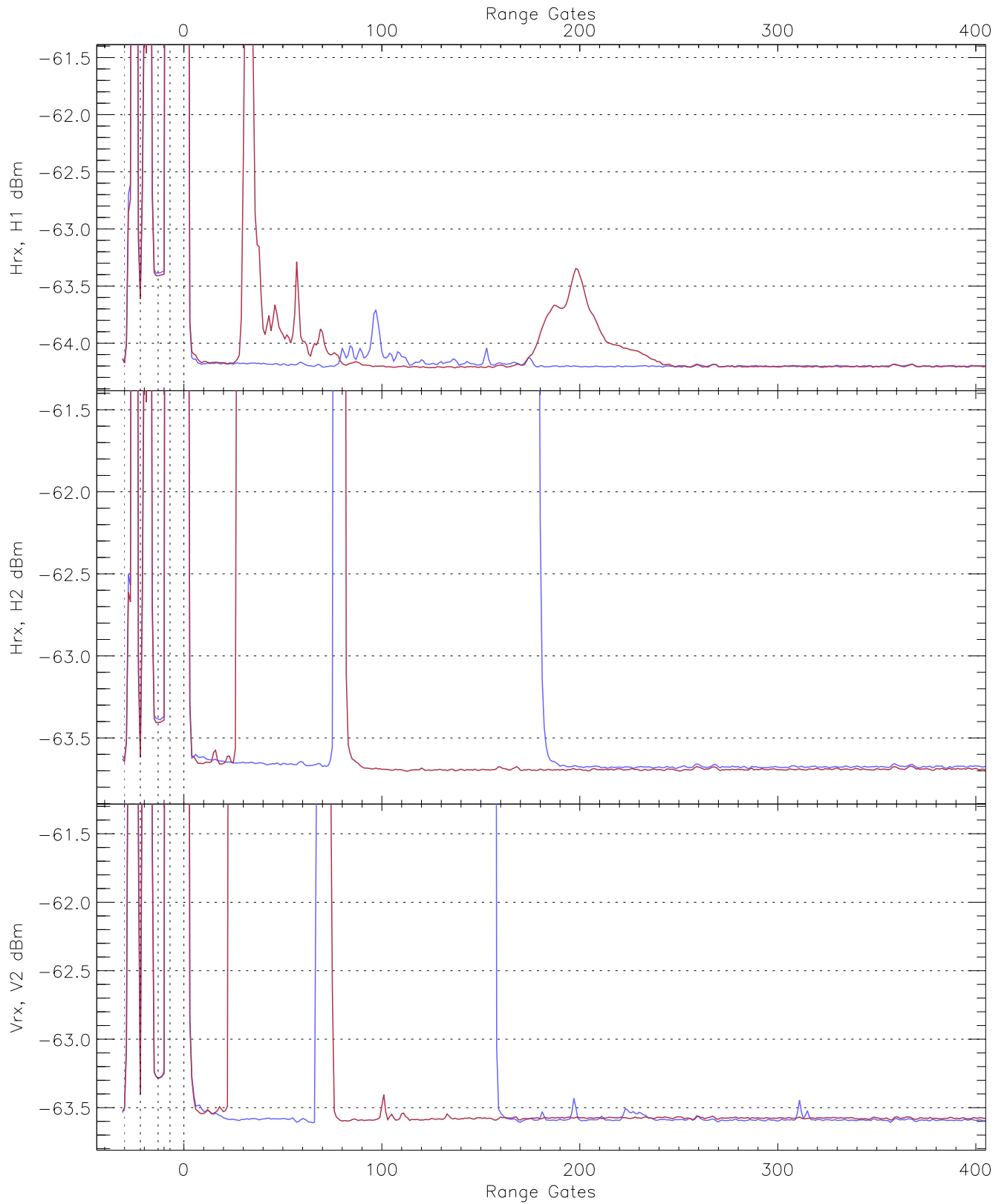
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.23	-63.18	-64.17	-64.18	-76.28
Hrx, H2 (RM [dBm])	-64.74	-62.63	-63.64	-63.64	-75.80
Vrx, V2 (RM [dBm])	-64.57	-62.46	-63.50	-63.51	-75.58



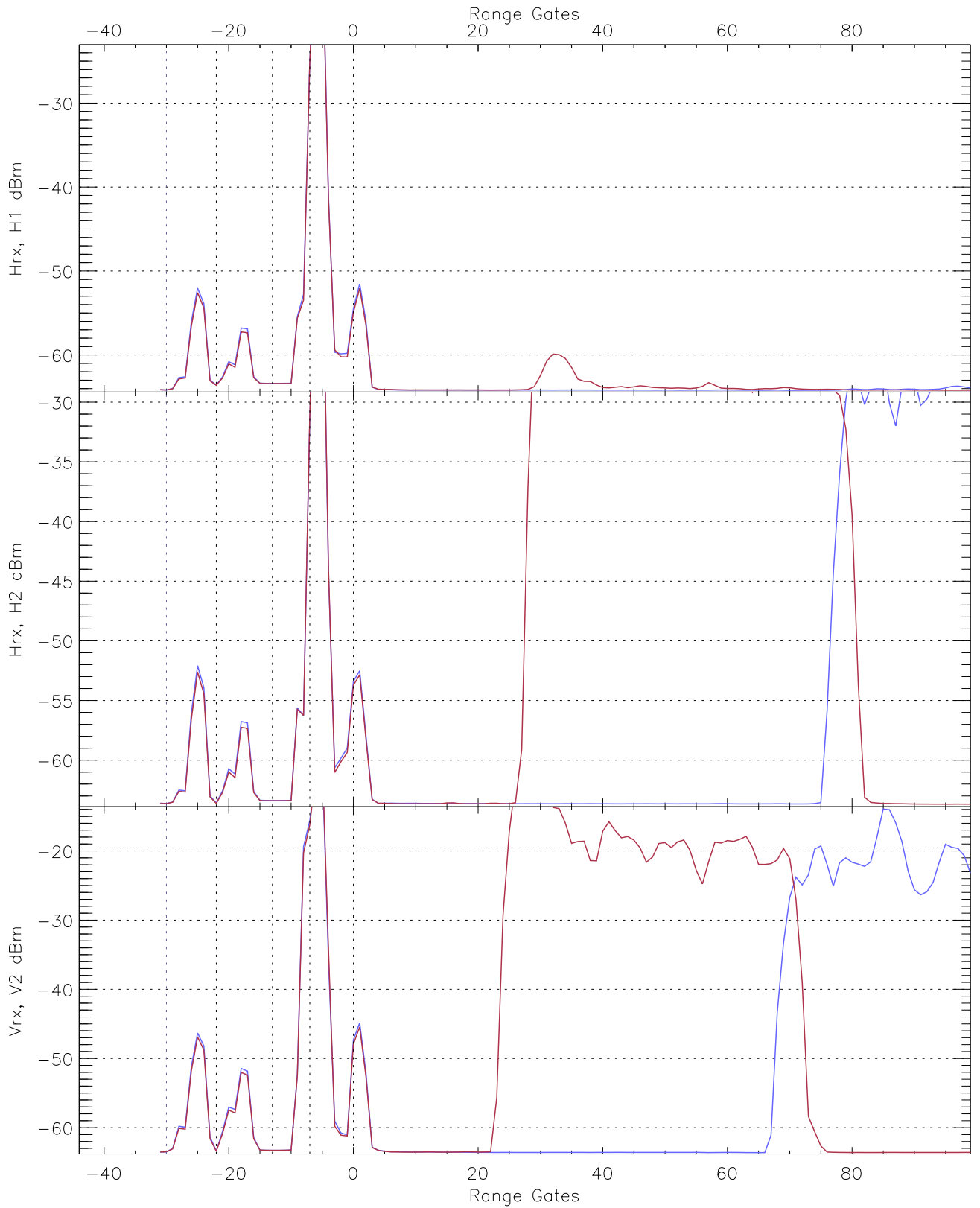
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG256_0 [dBm]	-65.31	-63.26	-64.21	-64.22	-76.37
H2RG285_0 [dBm]	-64.70	-62.67	-63.69	-63.69	-75.85
V2RG357_0 [dBm]	-64.68	-62.47	-63.60	-63.60	-75.67

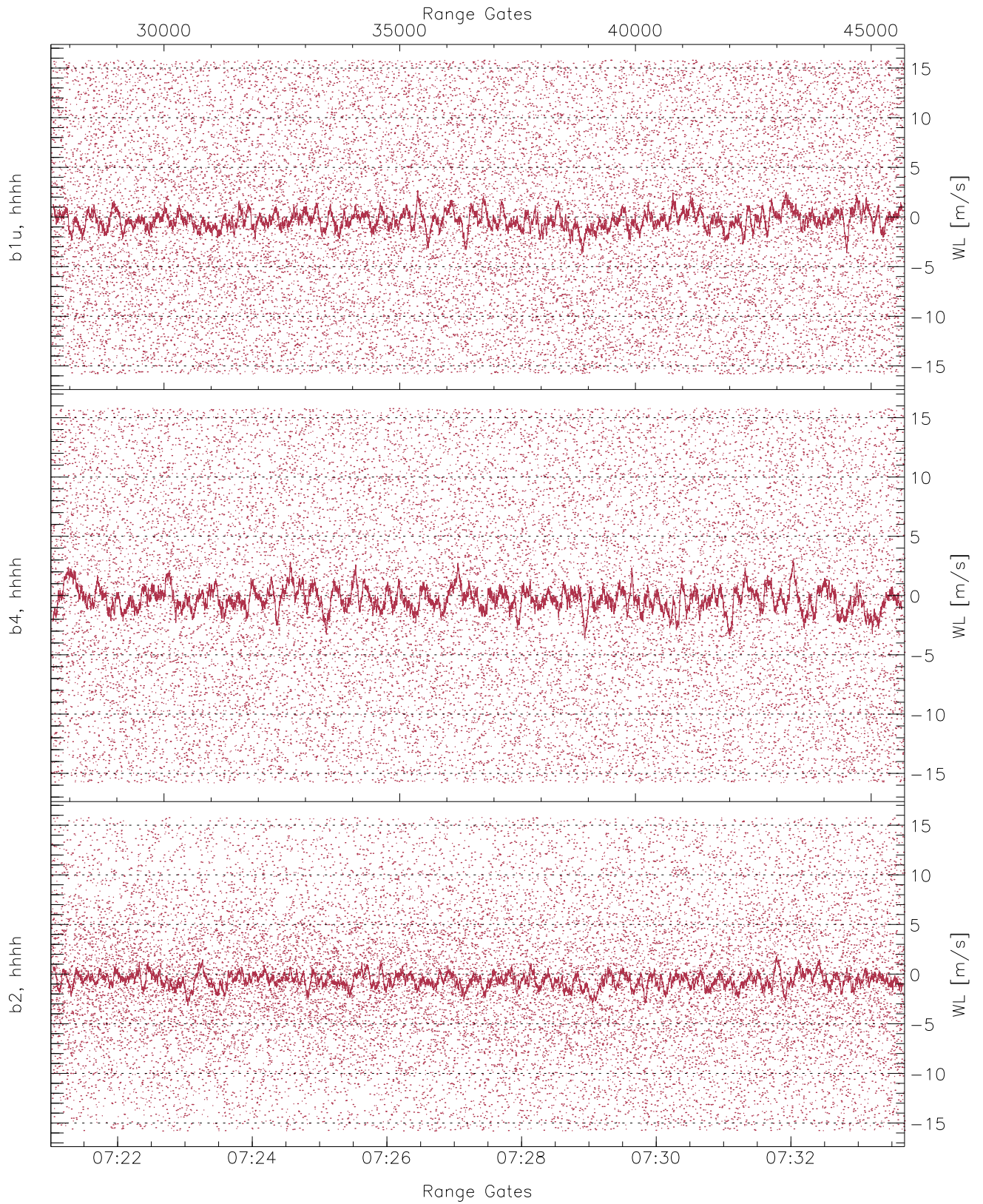


WCR2 CPP Averaged Received power for all recorded gates  
blue: 072101-072721, 9056 profiles averaged  
red: 072721-073341, 9055 profiles averaged

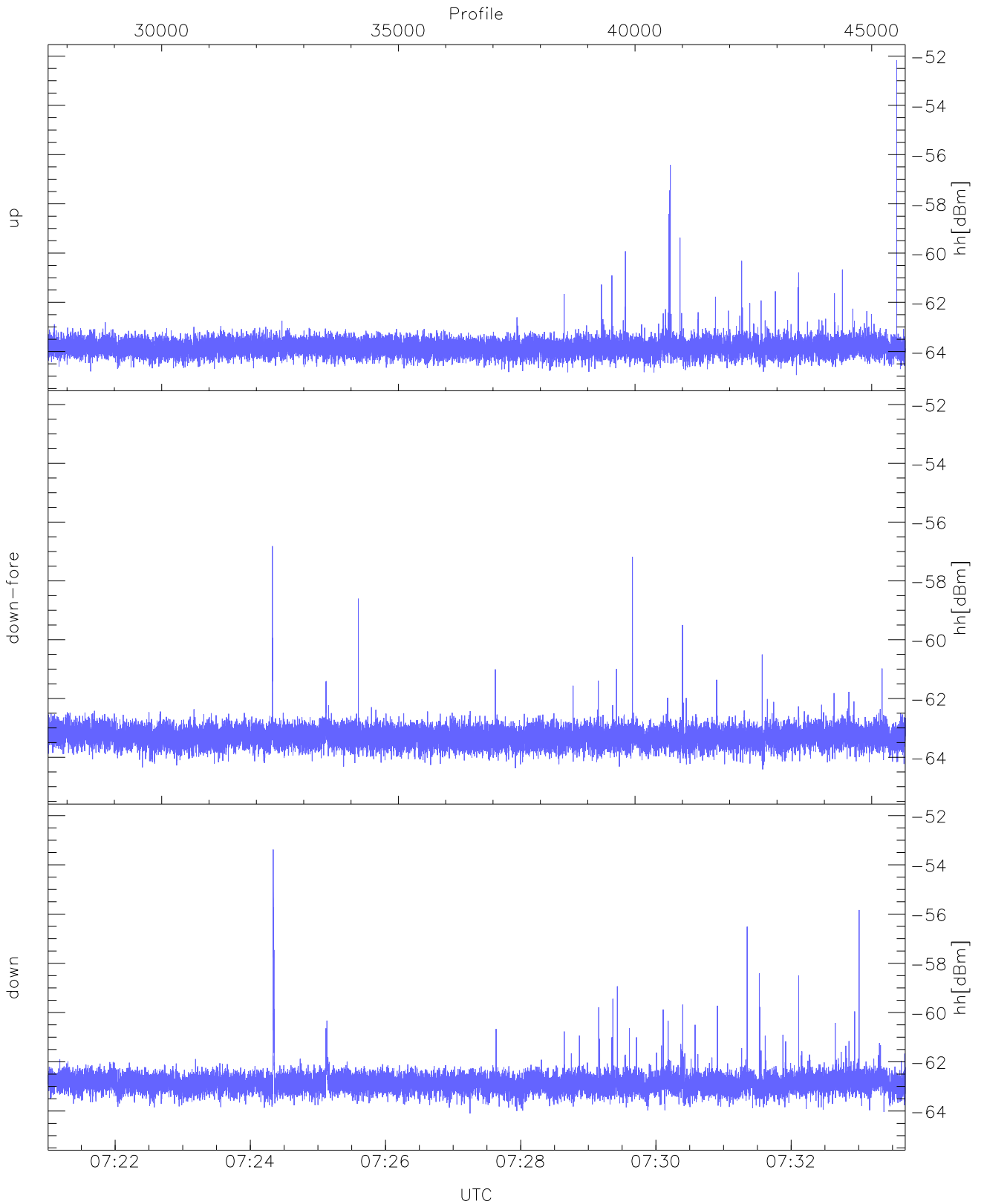




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 072101-072721, 9056 profiles averaged  
red: 072721-073341, 9055 profiles averaged

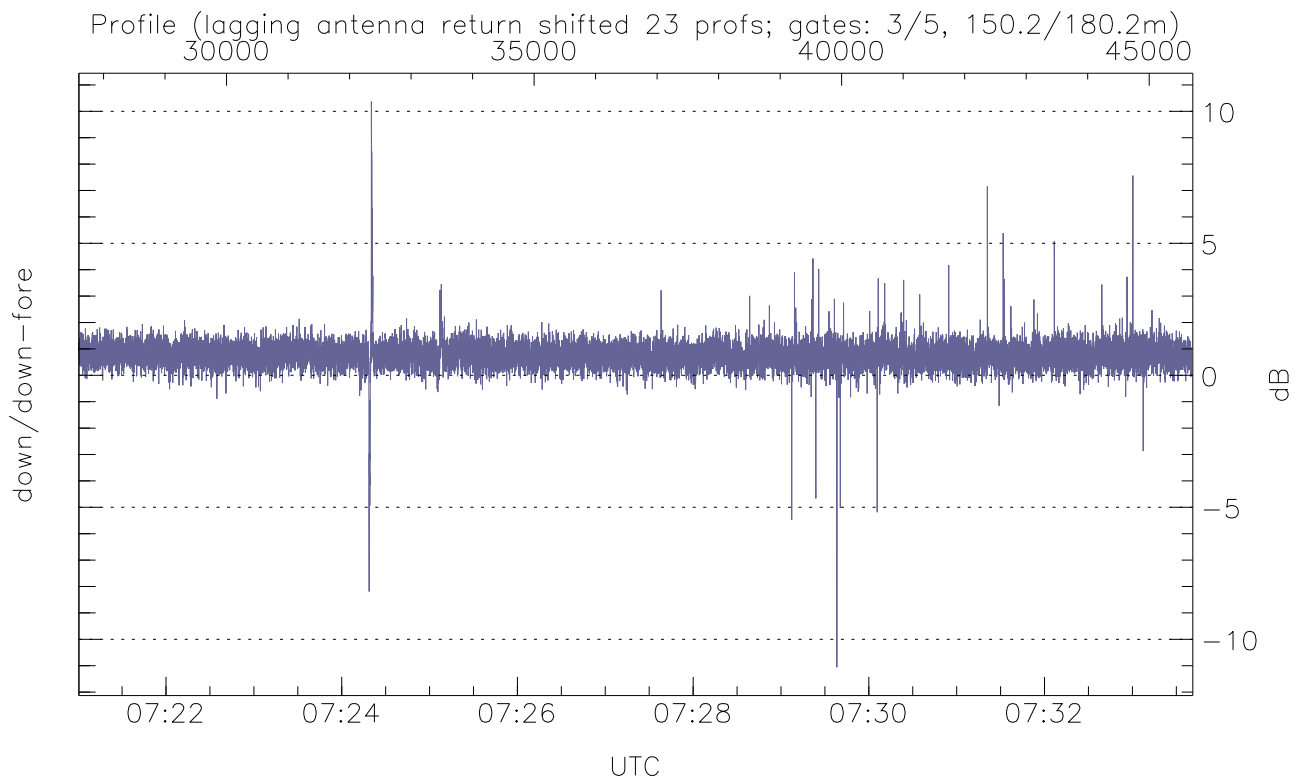
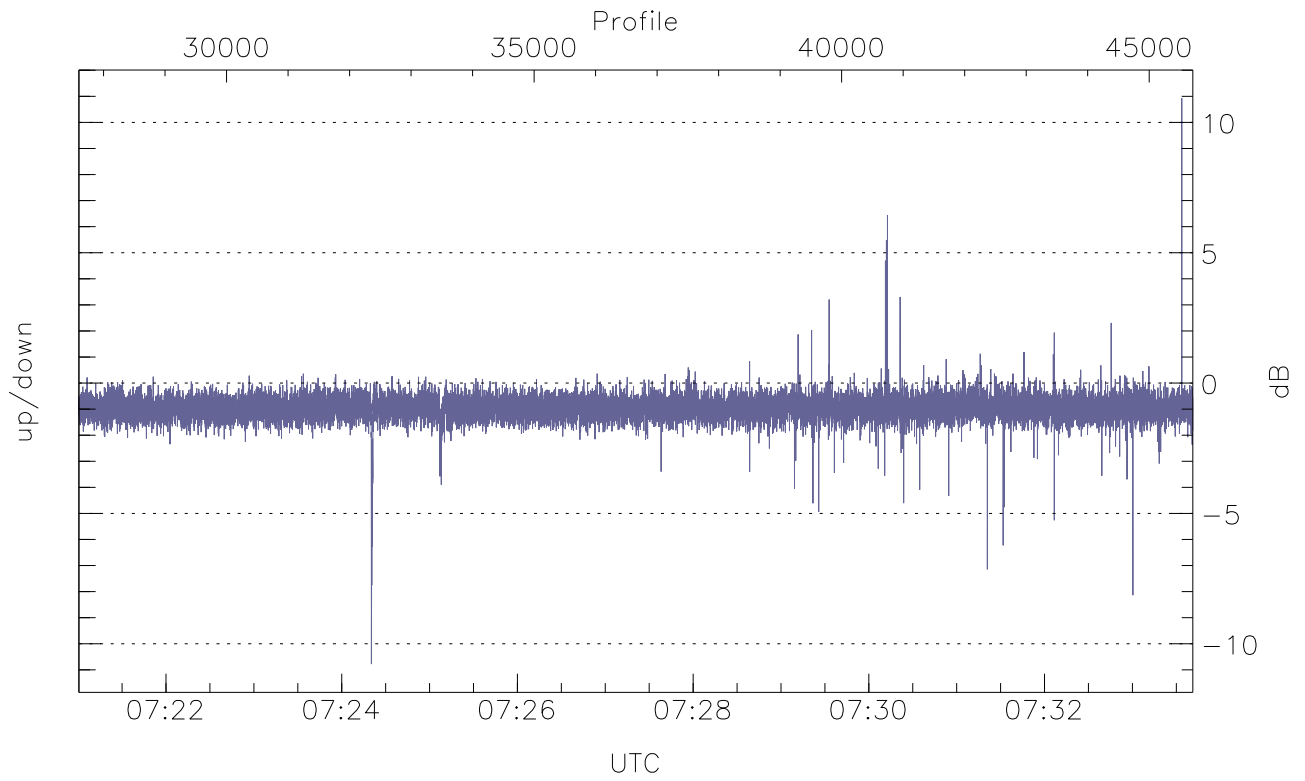


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

	Min	Max	Mean
up(hh[dBm])	-64.95	-52.17	-63.82
down-fore(hh[dBm])	-64.41	-56.82	-63.29
down(hh[dBm])	-64.10	-53.38	-62.85



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-10.78	10.92	-0.96
down/down-fore (dB)	-11.06	10.37	0.76

