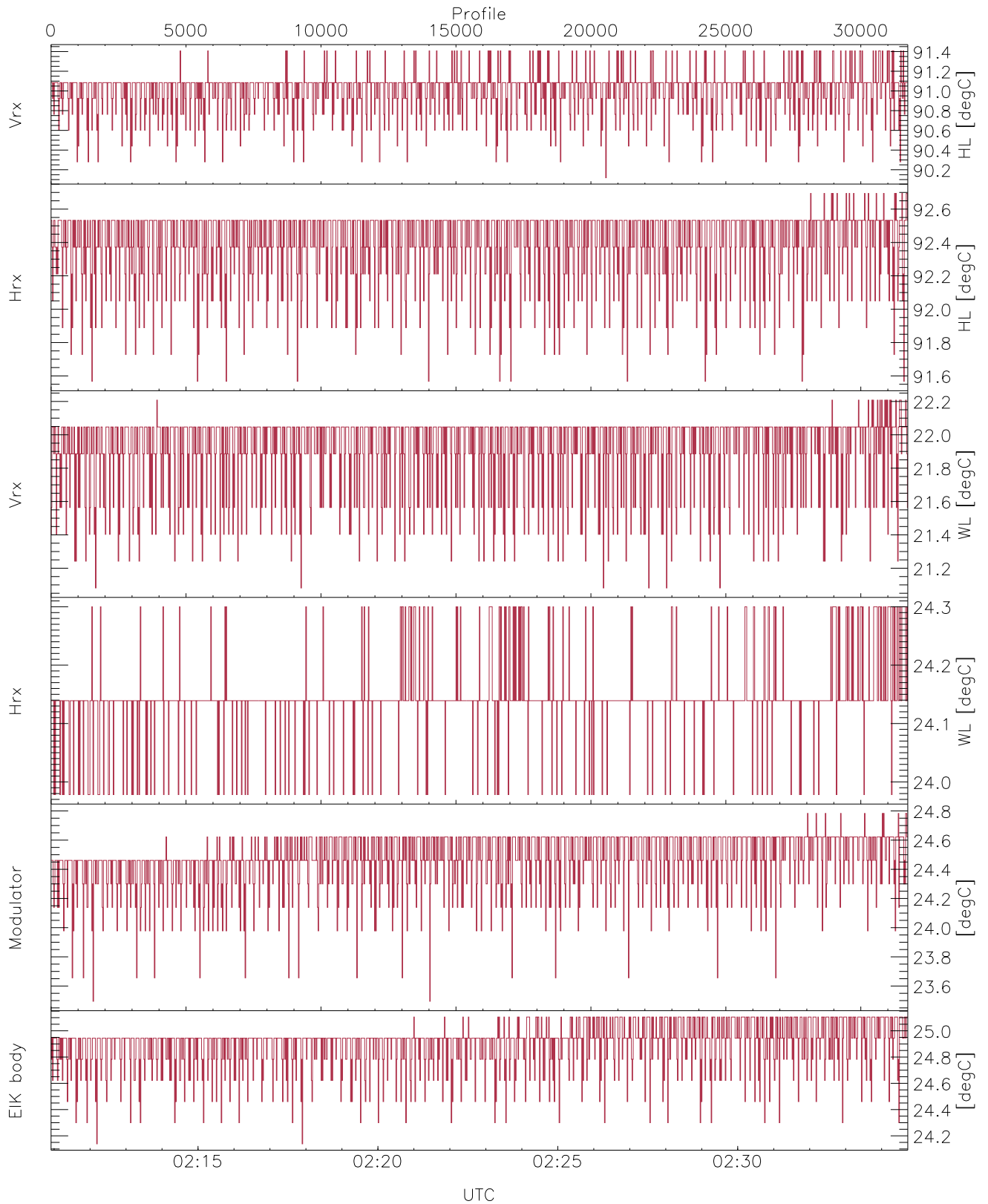


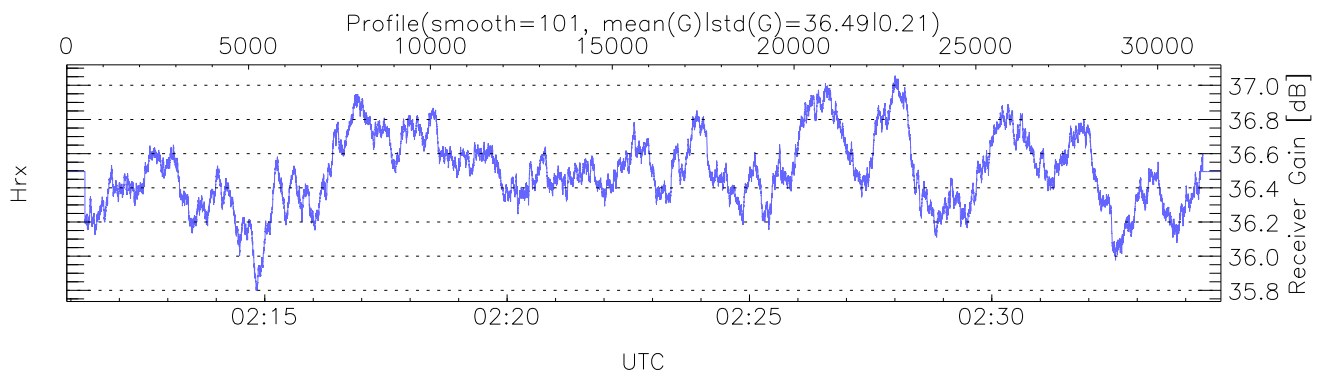
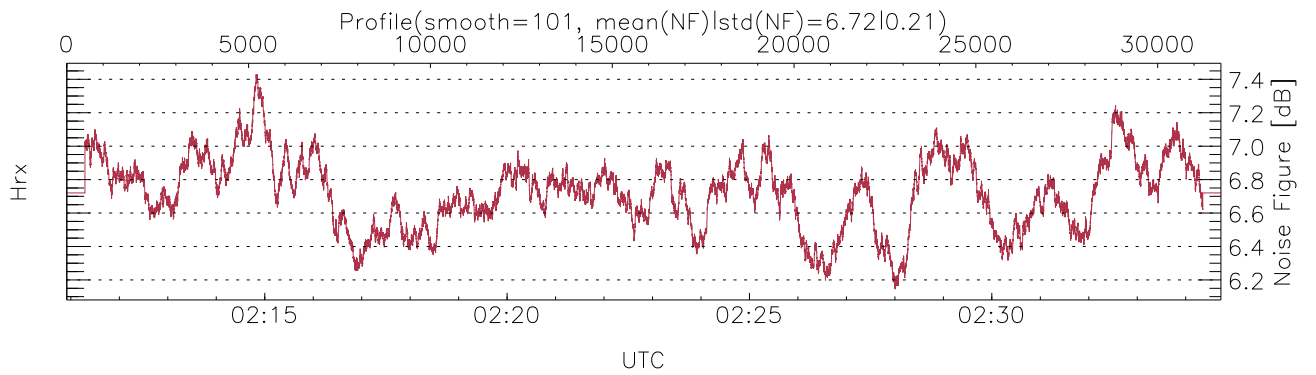
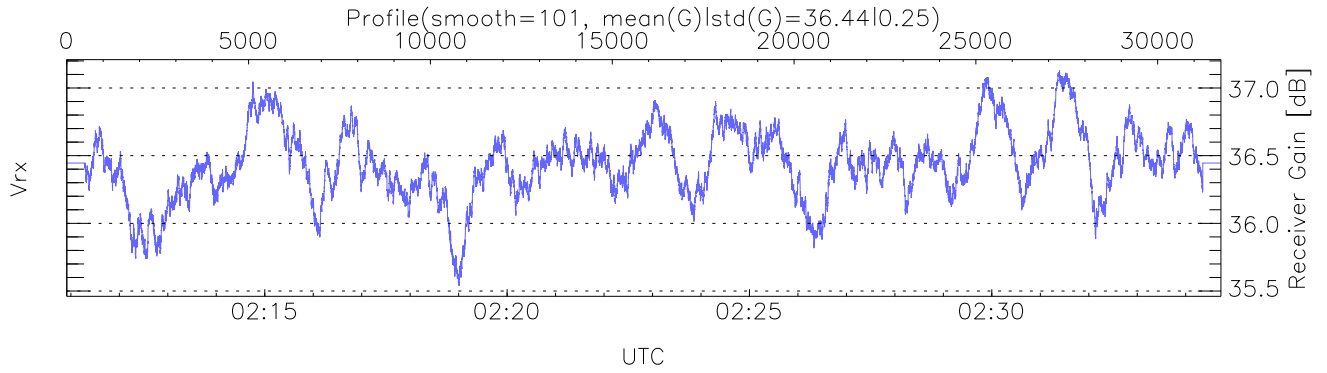
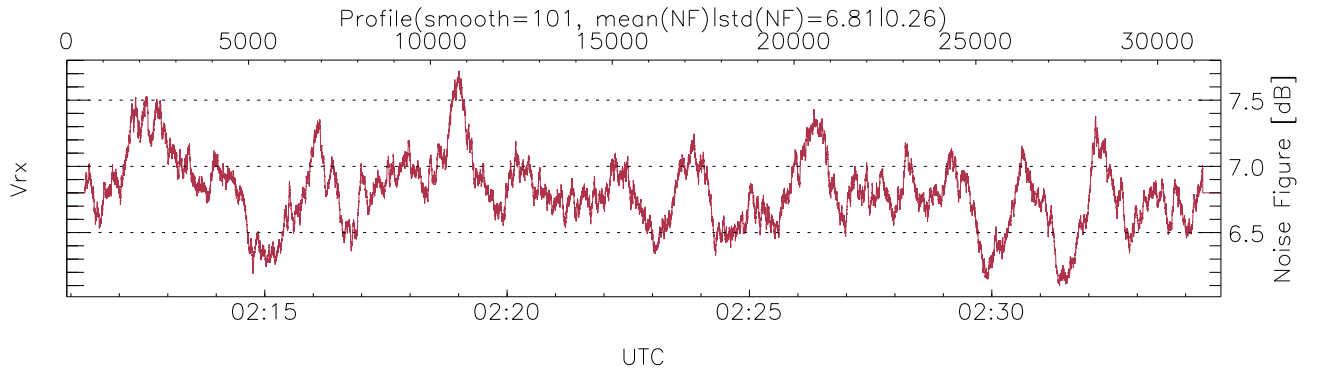
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:10:55-02:34:44, TimeCor: 0.00s, Dur: 1428.66s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 31741/31741, 0-31740/02:10:55-02:34:44  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2  
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-9|0|1|2,3,x = no mirror|sidelup|error): 1



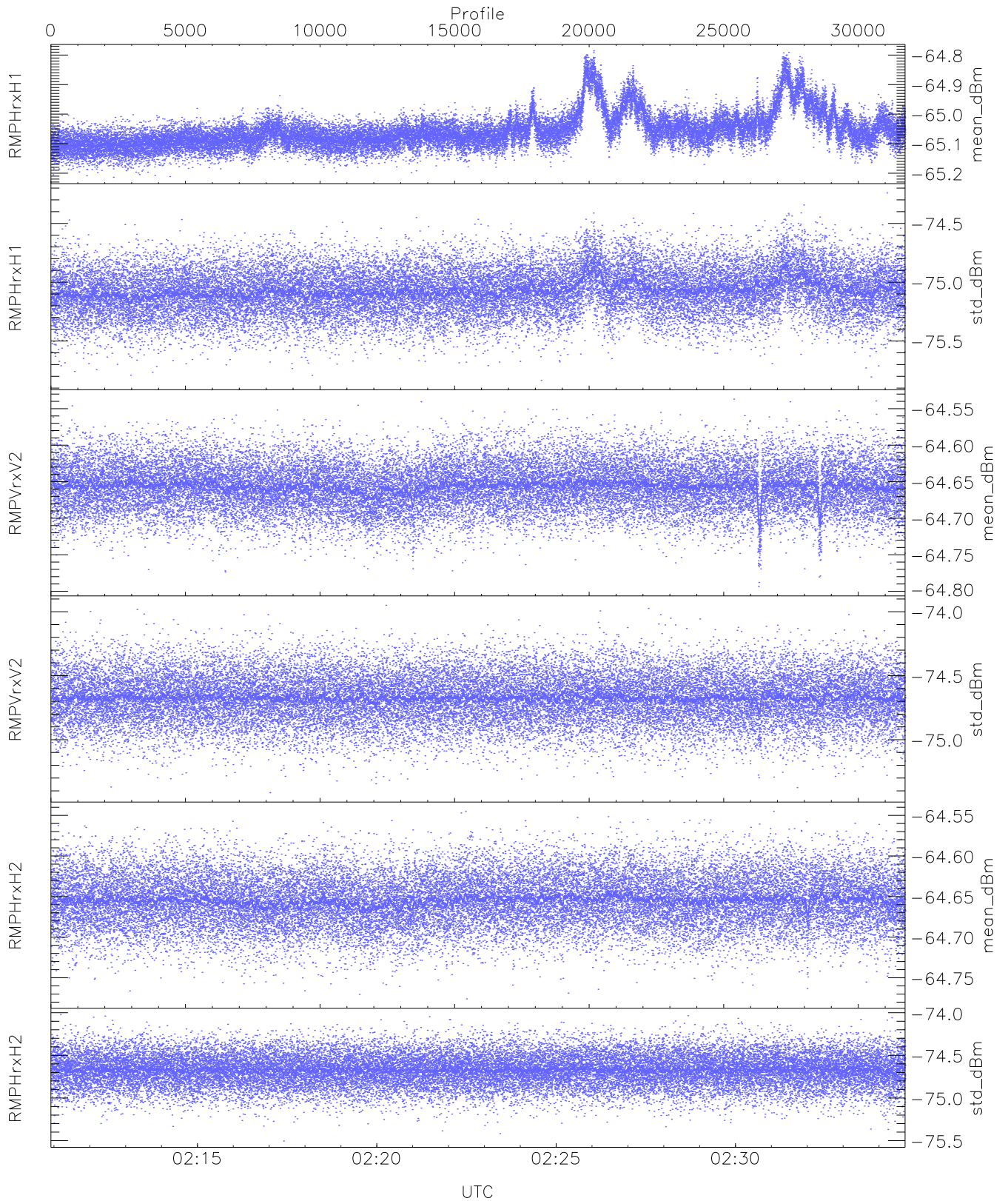
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,23,24`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25`  
`LOalarm(20,240,2817,14861 MHz): 0,0,23,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



### WCR3 CPP Receivers Gain and Noise Figure

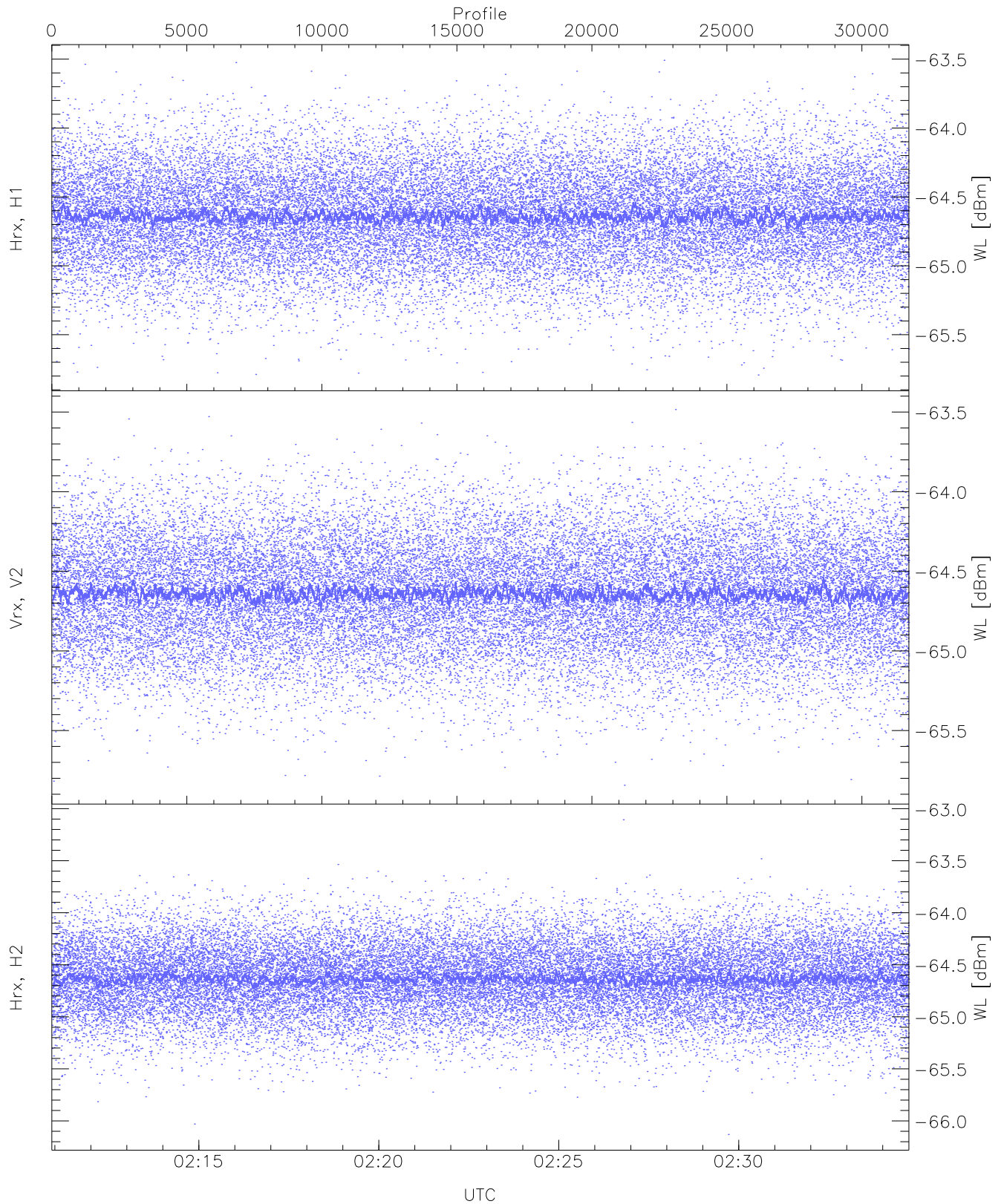
Rx Saturation: 62 pixs, 4 gates, 62 profs, 1 prod(s)



WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

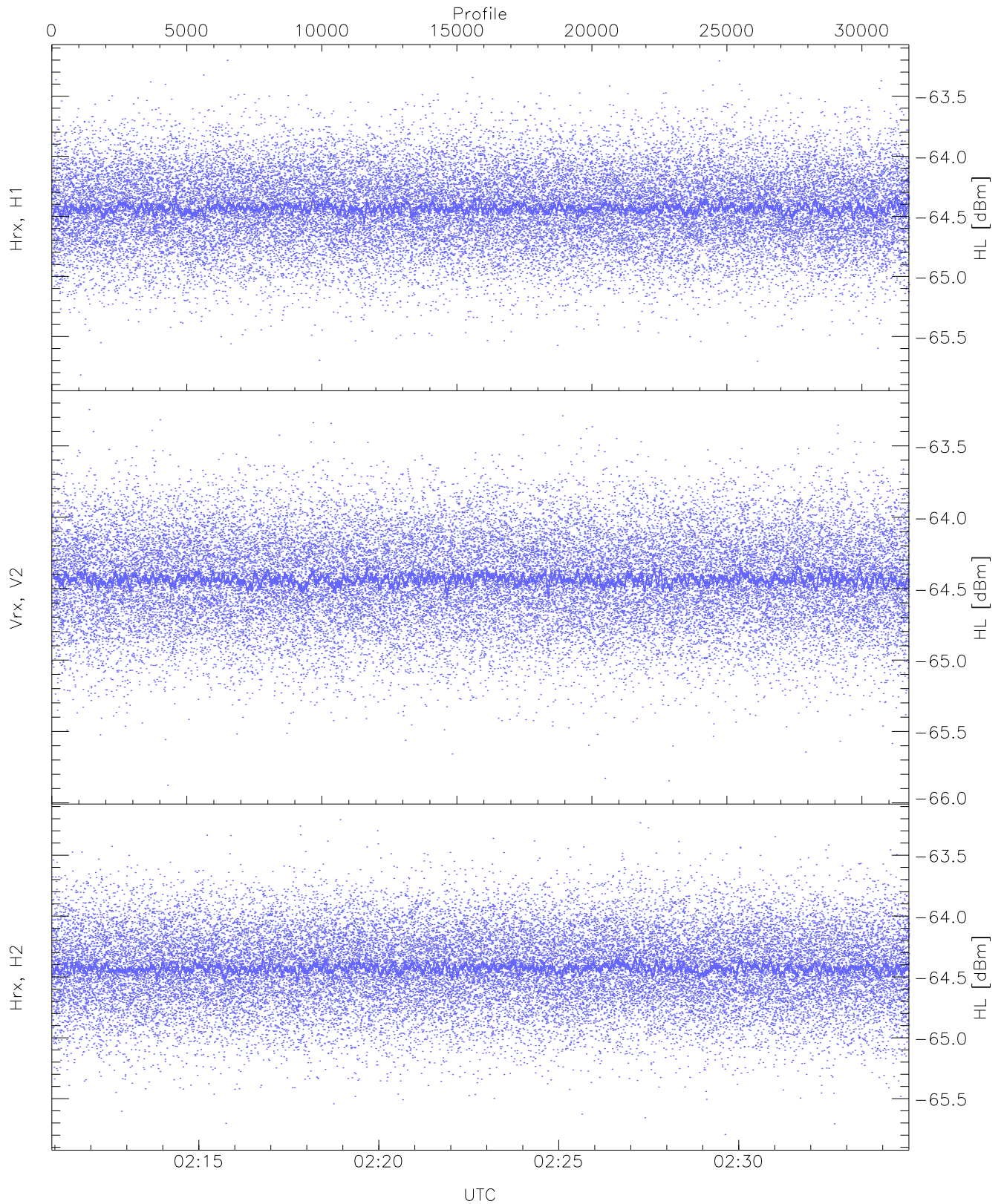
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.21	-64.79	-65.05	-65.07	-83.55
RMPHrxH1(std_dBm)	-75.83	-74.24	-75.07	-75.07	-88.73
RMPVrxV2(mean_dBm)	-64.79	-64.54	-64.66	-64.66	-86.17
RMPVrxV2(std_dBm)	-75.41	-73.95	-74.67	-74.67	-88.45
RMPHrxH2(mean_dBm)	-64.78	-64.55	-64.66	-64.66	-86.26
RMPHrxH2(std_dBm)	-75.50	-74.02	-74.67	-74.67	-88.48





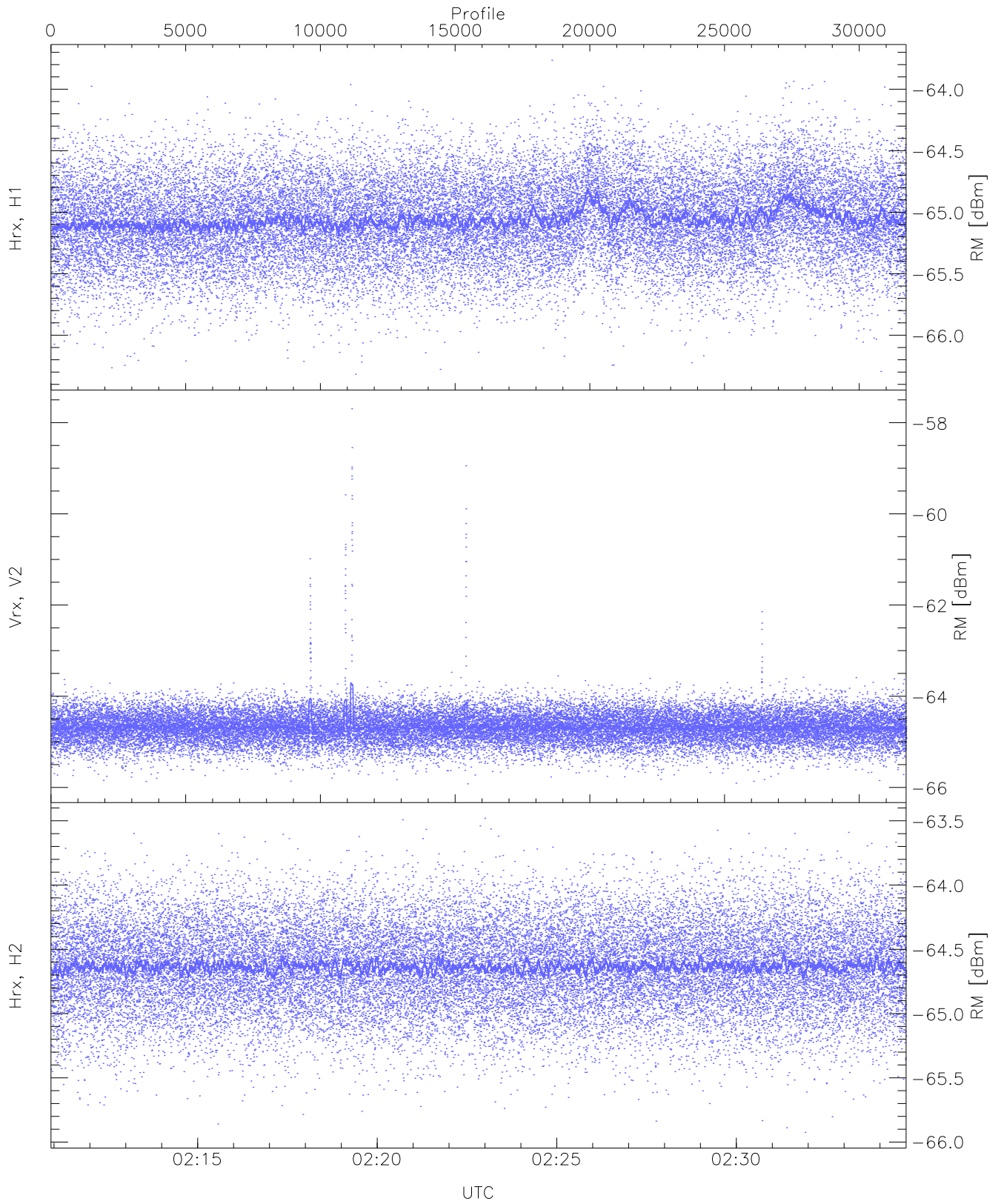
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.79	-63.51	-64.63	-64.64	-76.13
Vrx, V2 (WL [dBm])	-65.84	-63.48	-64.63	-64.64	-76.16
Hrx, H2 (WL [dBm])	-66.13	-63.11	-64.63	-64.64	-76.14



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

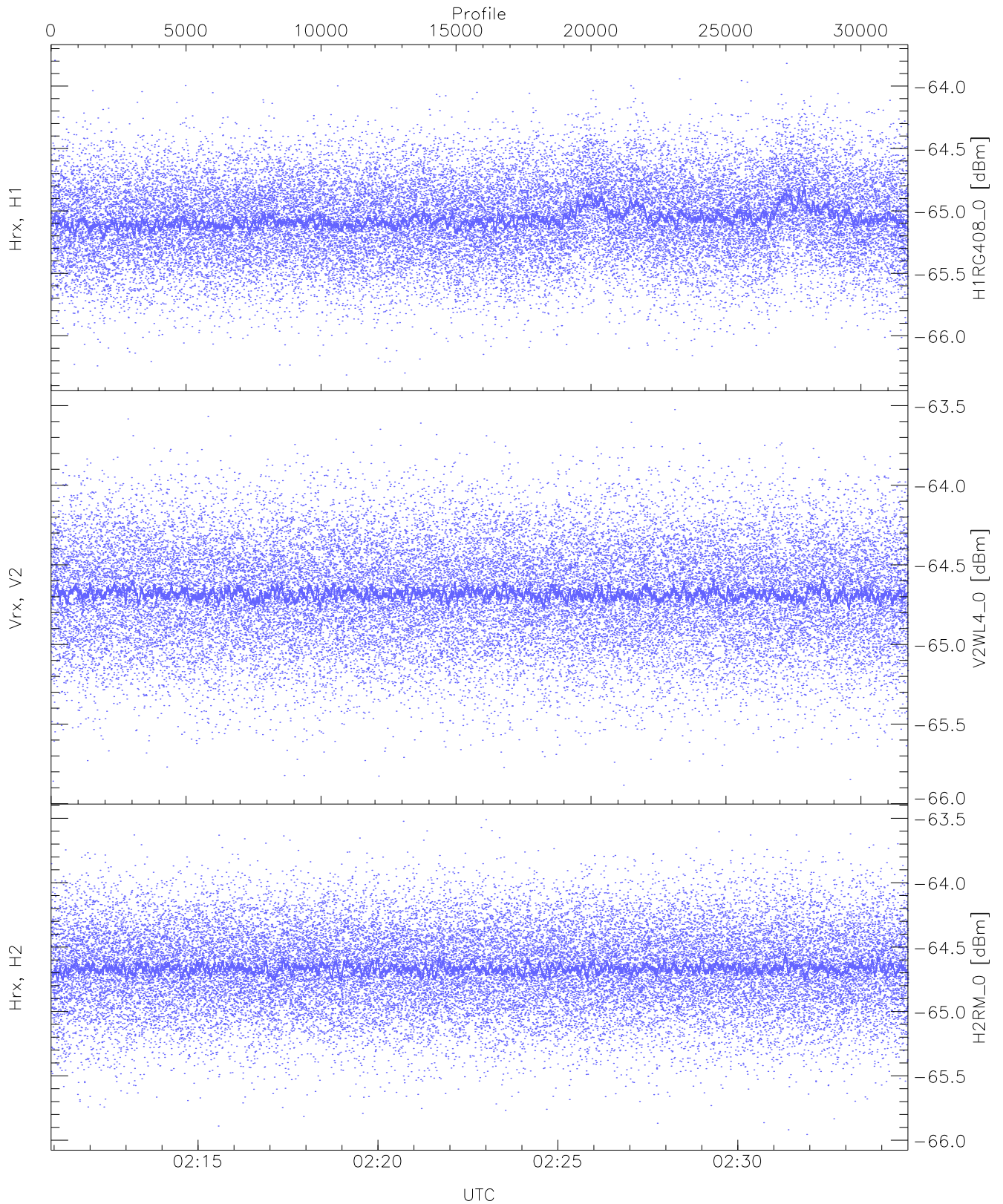
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.82	-63.20	-64.43	-64.43	-75.94
Vrx, V2 (HL [dBm])	-65.88	-63.25	-64.43	-64.44	-75.94
Hrx, H2 (HL [dBm])	-65.79	-63.21	-64.42	-64.43	-75.93



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

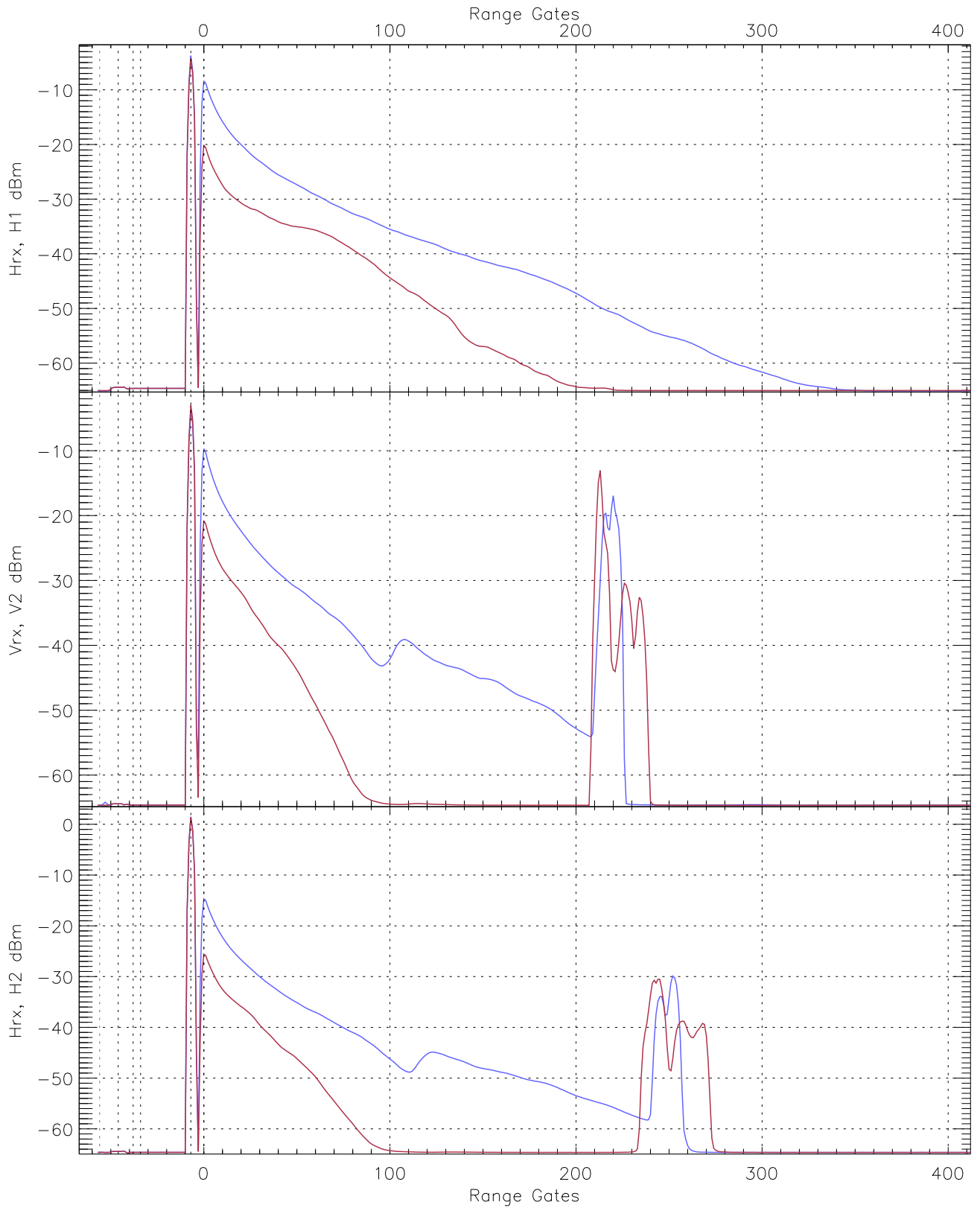
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.32	-63.76	-65.05	-65.06	-76.51
Vrx, V2 (RM [dBm])	-65.92	-57.69	-64.67	-64.68	-74.71
Hrx, H2 (RM [dBm])	-65.92	-63.48	-64.63	-64.63	-76.11





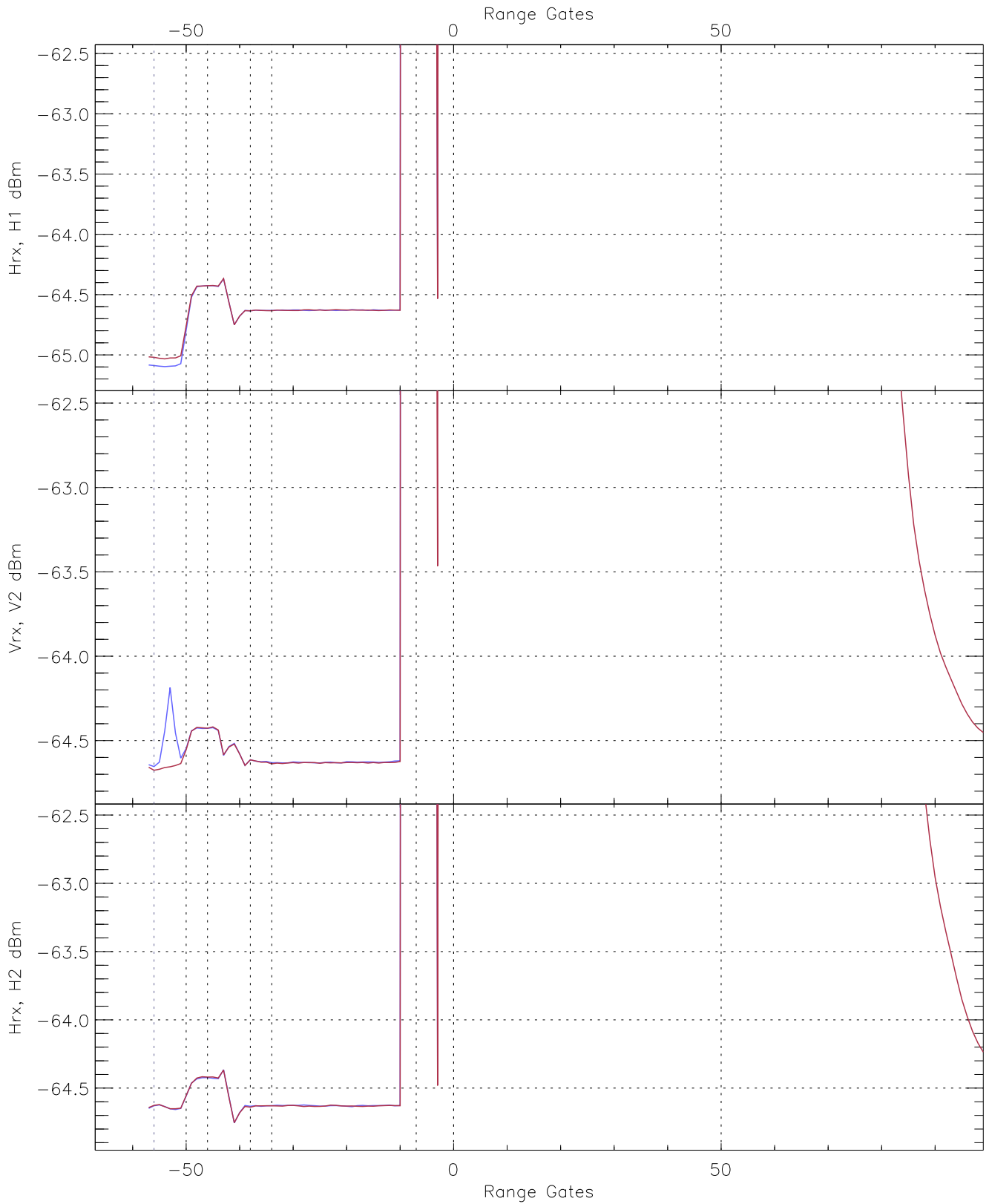
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.31	-63.79	-65.06	-65.07	-76.48
V2WL4_0 [dBm]	-65.88	-63.52	-64.68	-64.68	-76.21
H2RM_0 [dBm]	-65.96	-63.51	-64.66	-64.67	-76.14

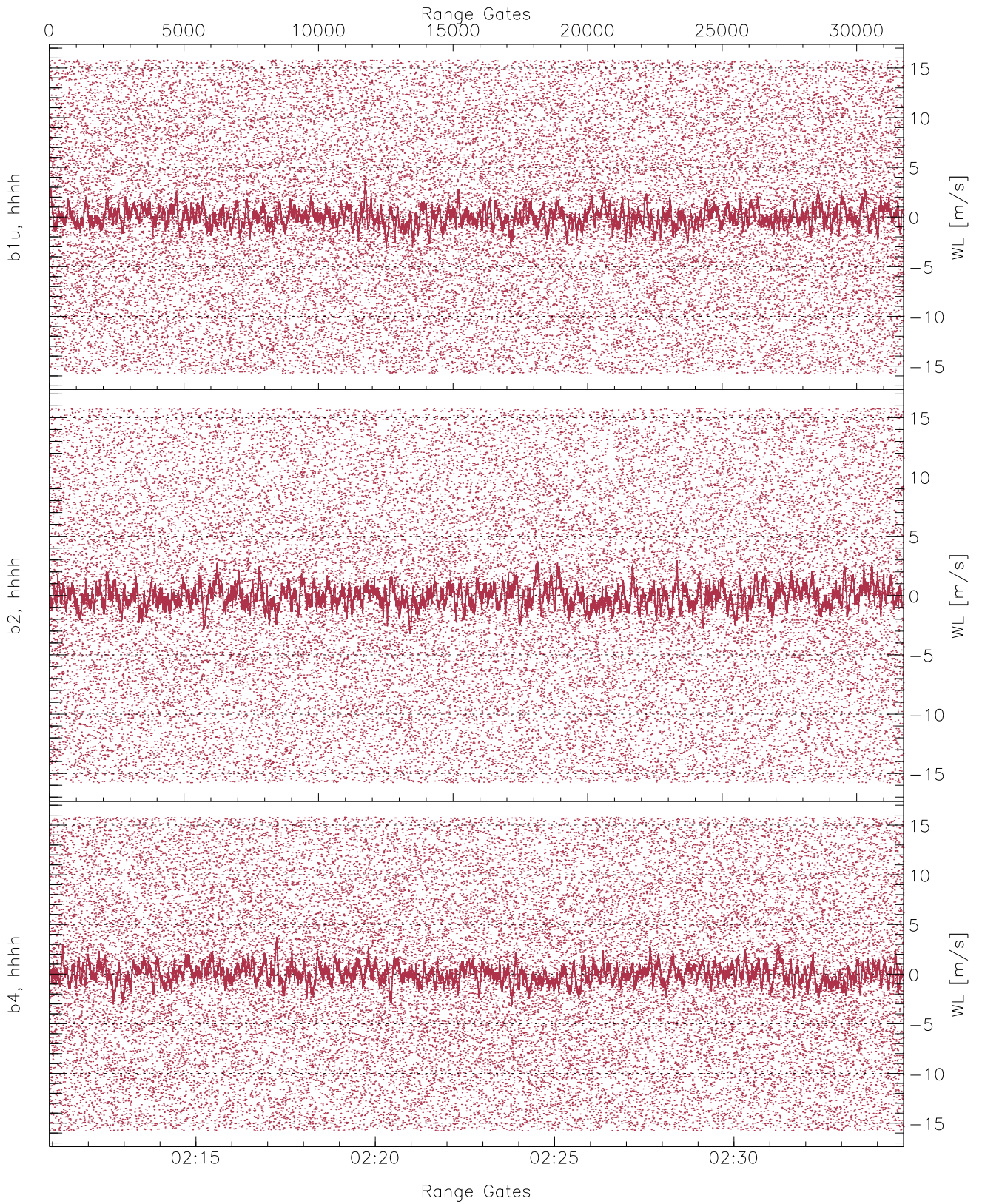


WCR3 CPP Averaged Received power for all recorded gates  
blue: 021055-022249, 15871 profiles averaged  
red: 022249-023444, 15871 profiles averaged

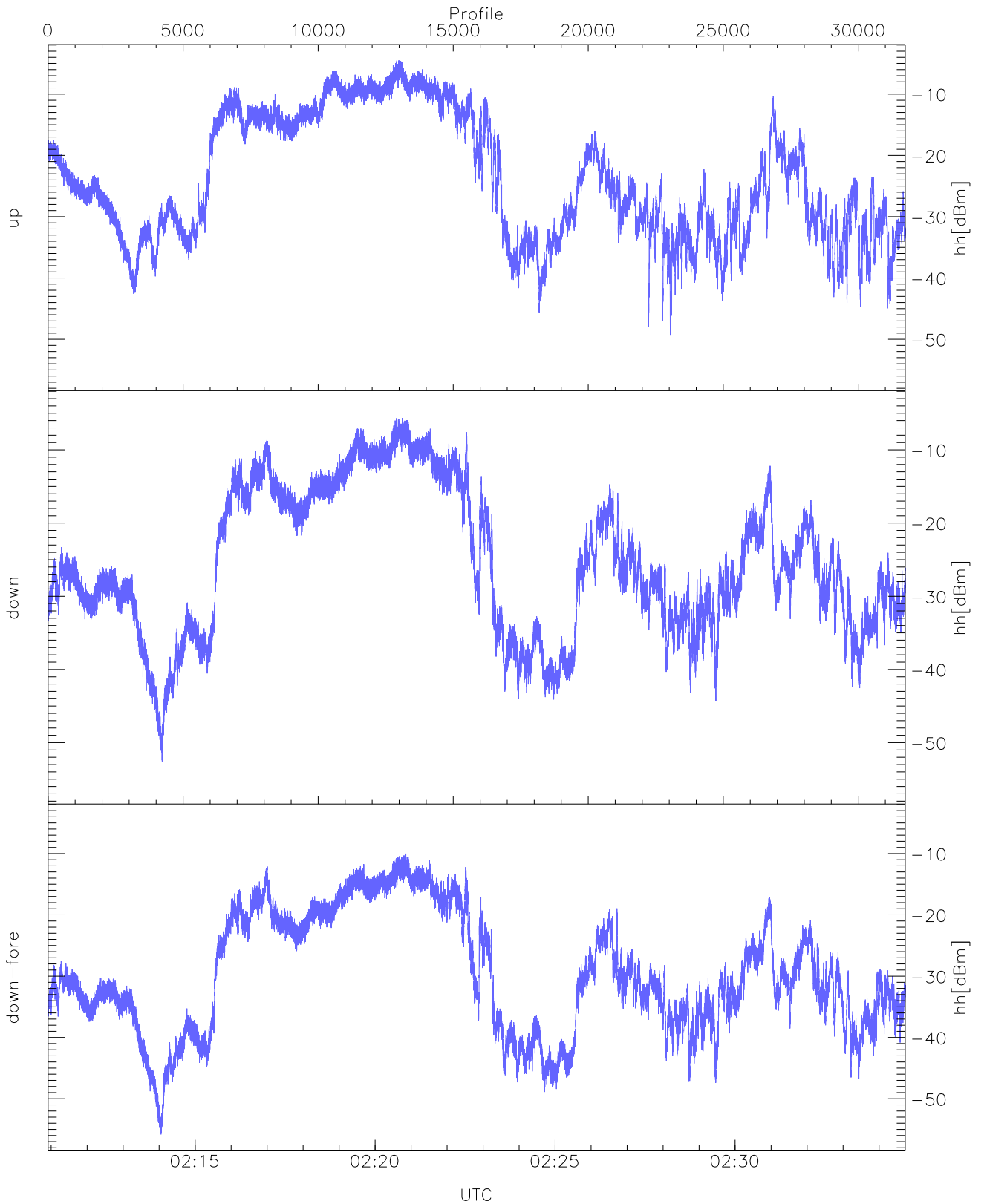




WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 021055-022249, 15871 profiles averaged  
red: 022249-023444, 15871 profiles averaged

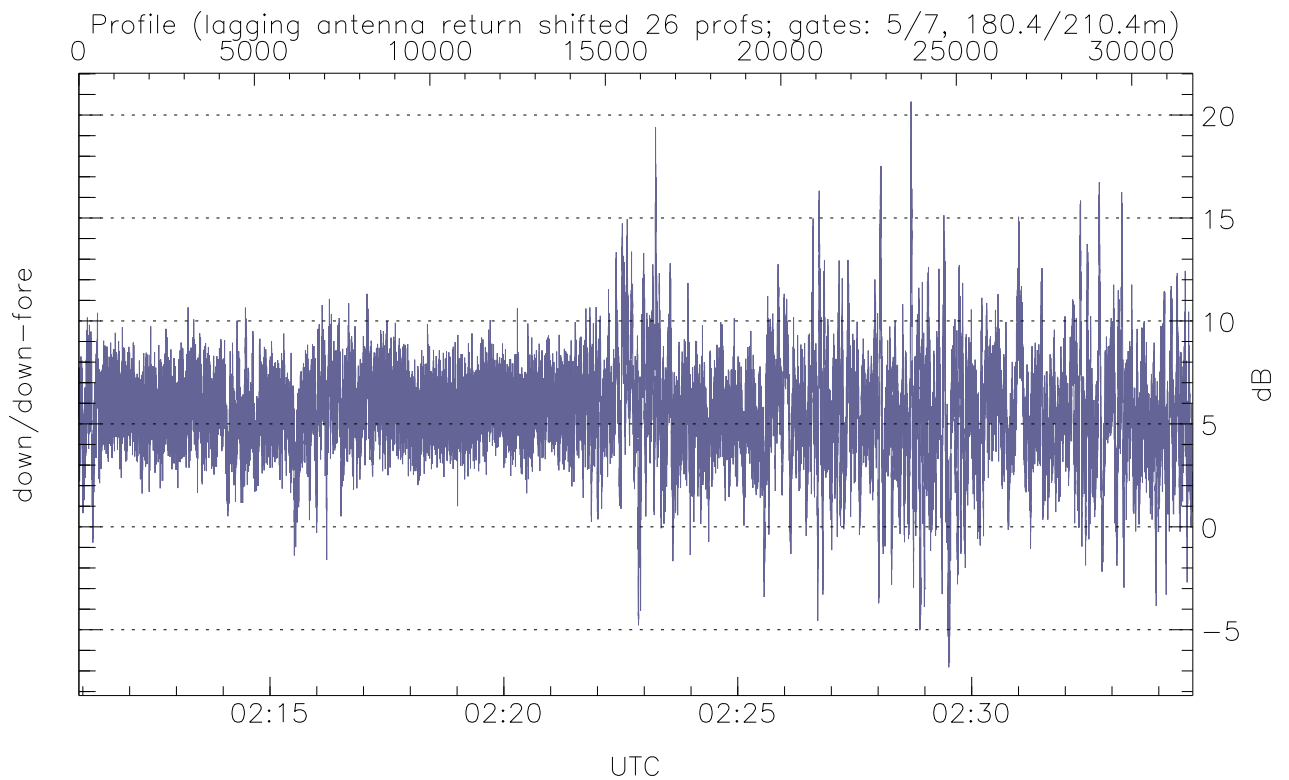
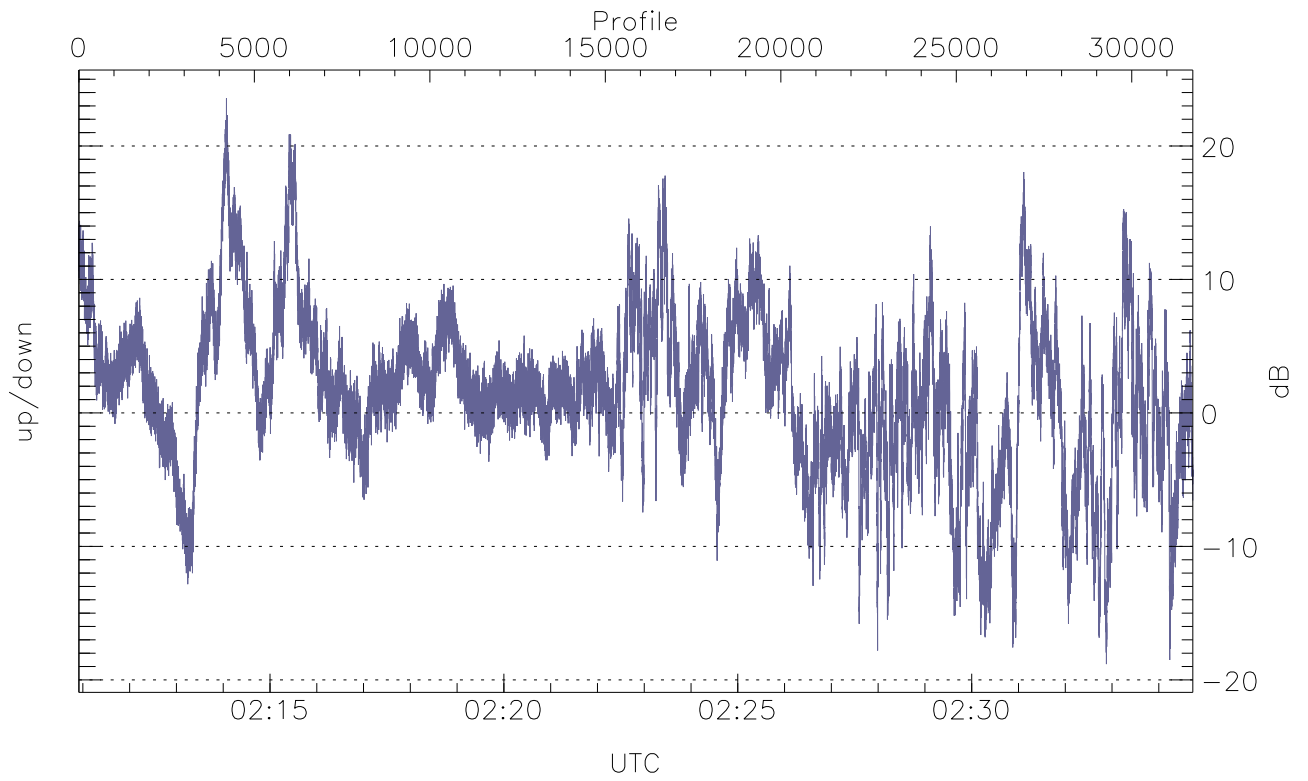


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



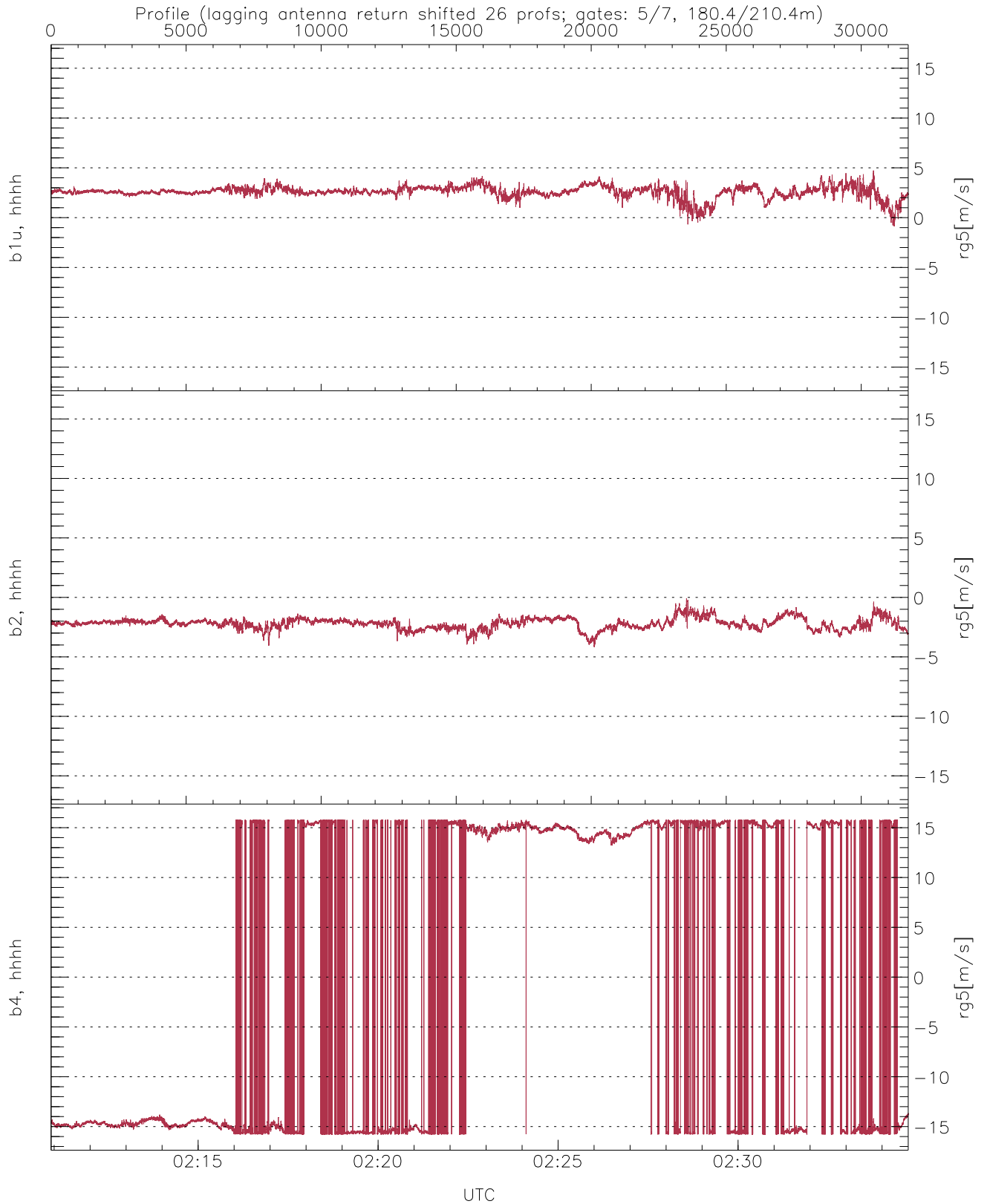
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-49.27	-4.49	-15.26
down(hh[dBm])	-52.63	-5.65	-16.99
down-fore(hh[dBm])	-55.82	-10.00	-21.44



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-18.82	23.57	1.60
down/down-fore (dB)	-6.82	20.66	5.60



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.86	4.73	2.57	0.61
b2, hhhh(rg5[m/s])	-4.18	-0.07	-2.21	0.48
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.45	15.14