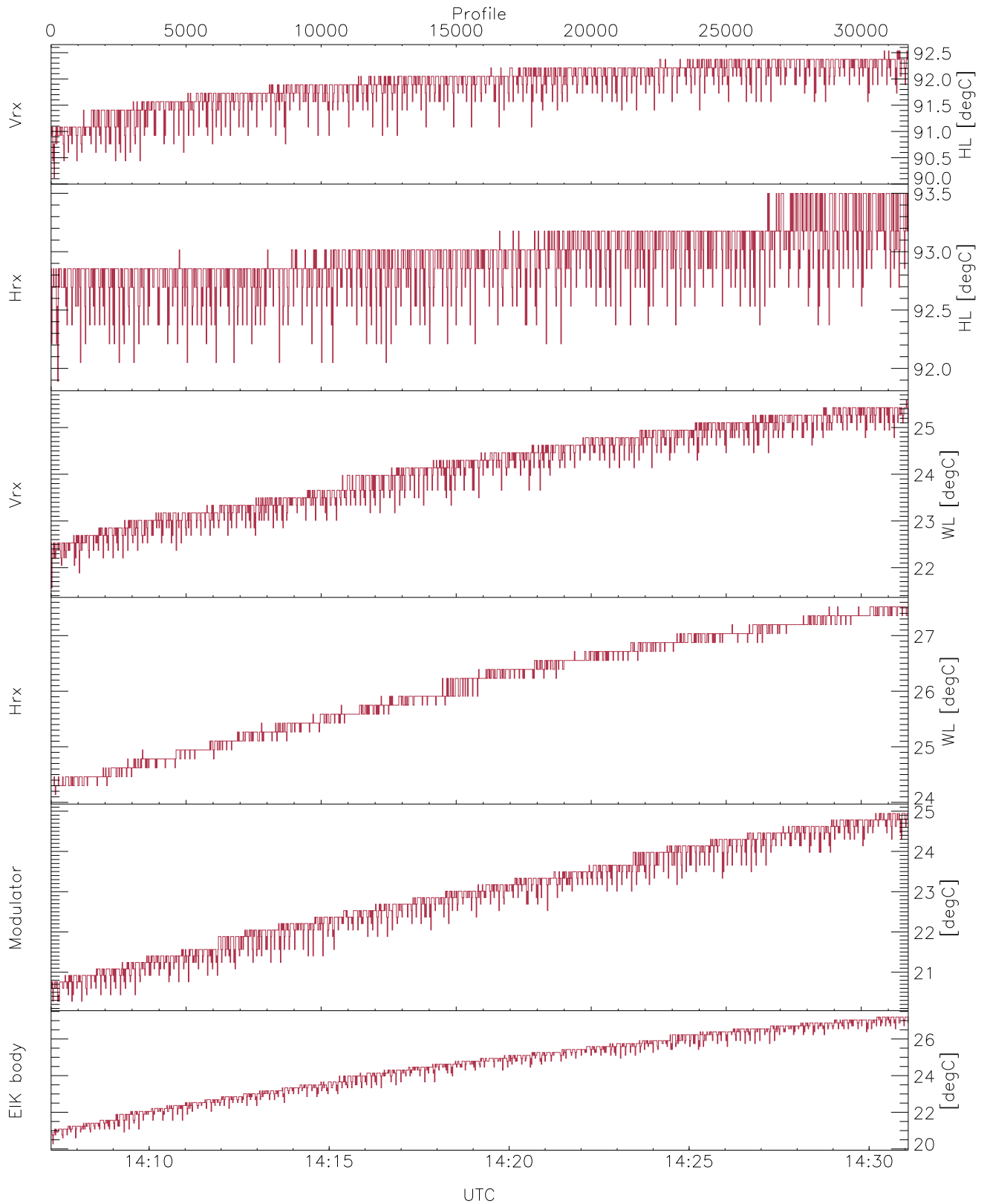


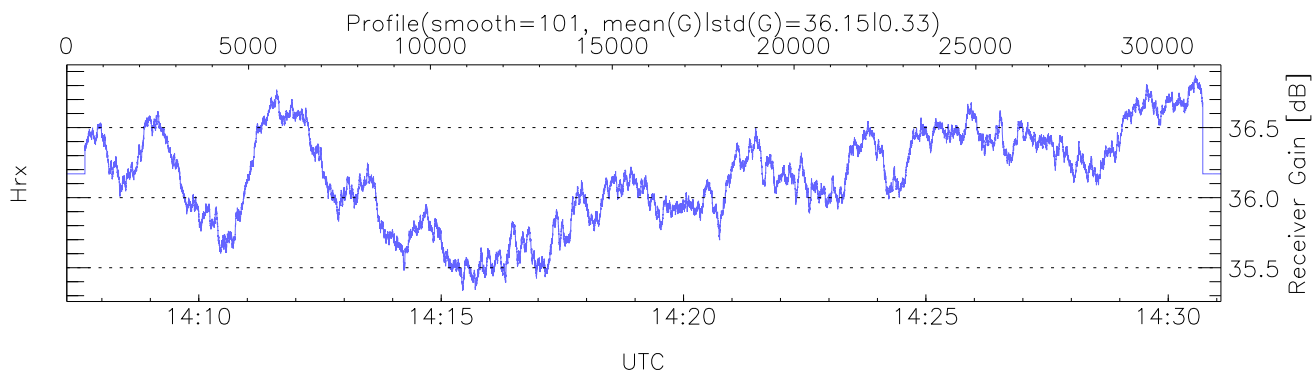
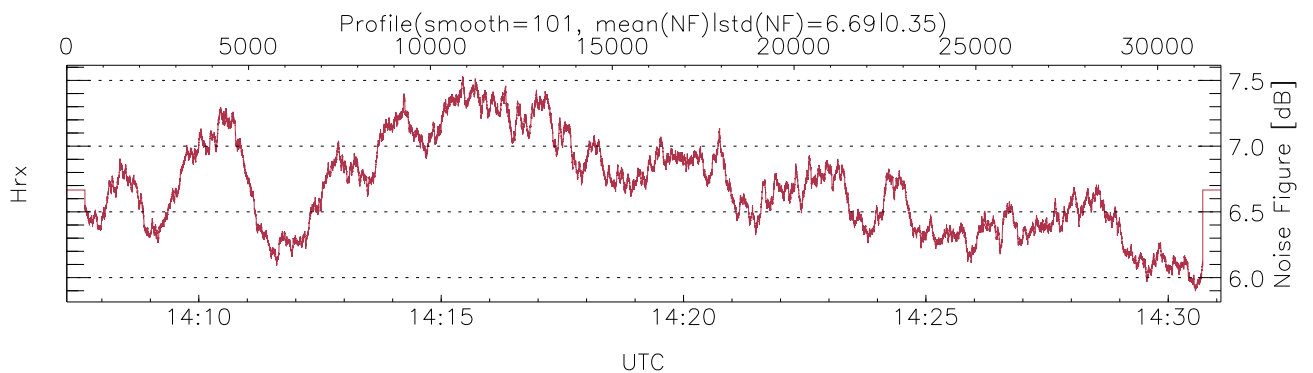
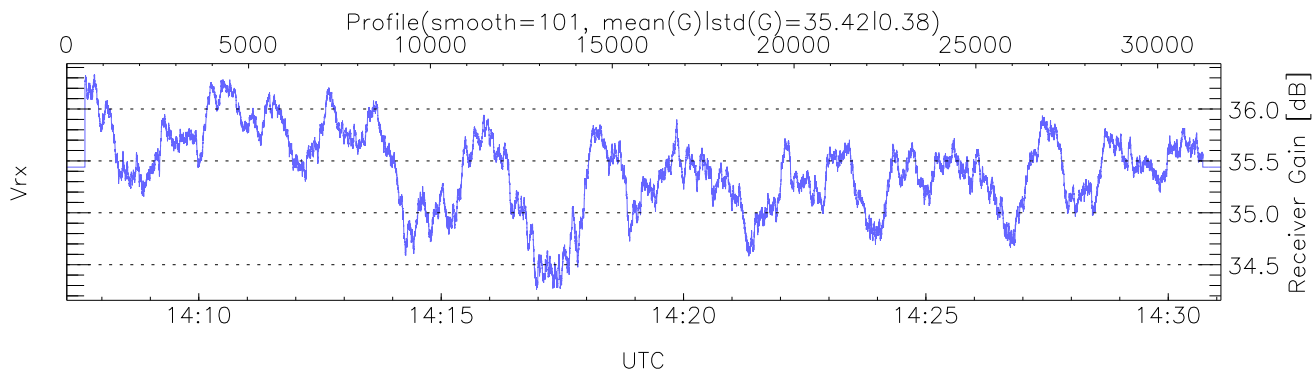
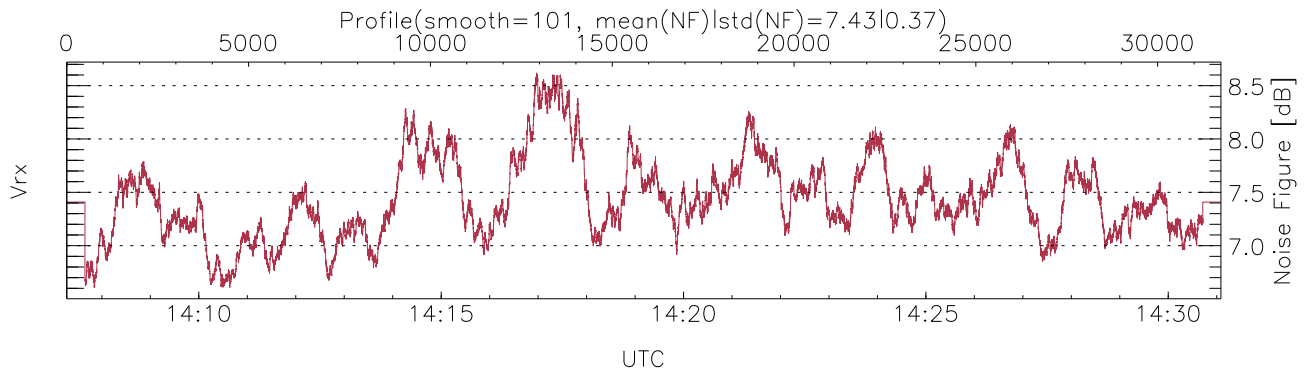
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:07:17-14:31:05, 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, 0-31740/14:07:17-14:31:05  
 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|2,3,9x = no mirror|sidelup|error): 1



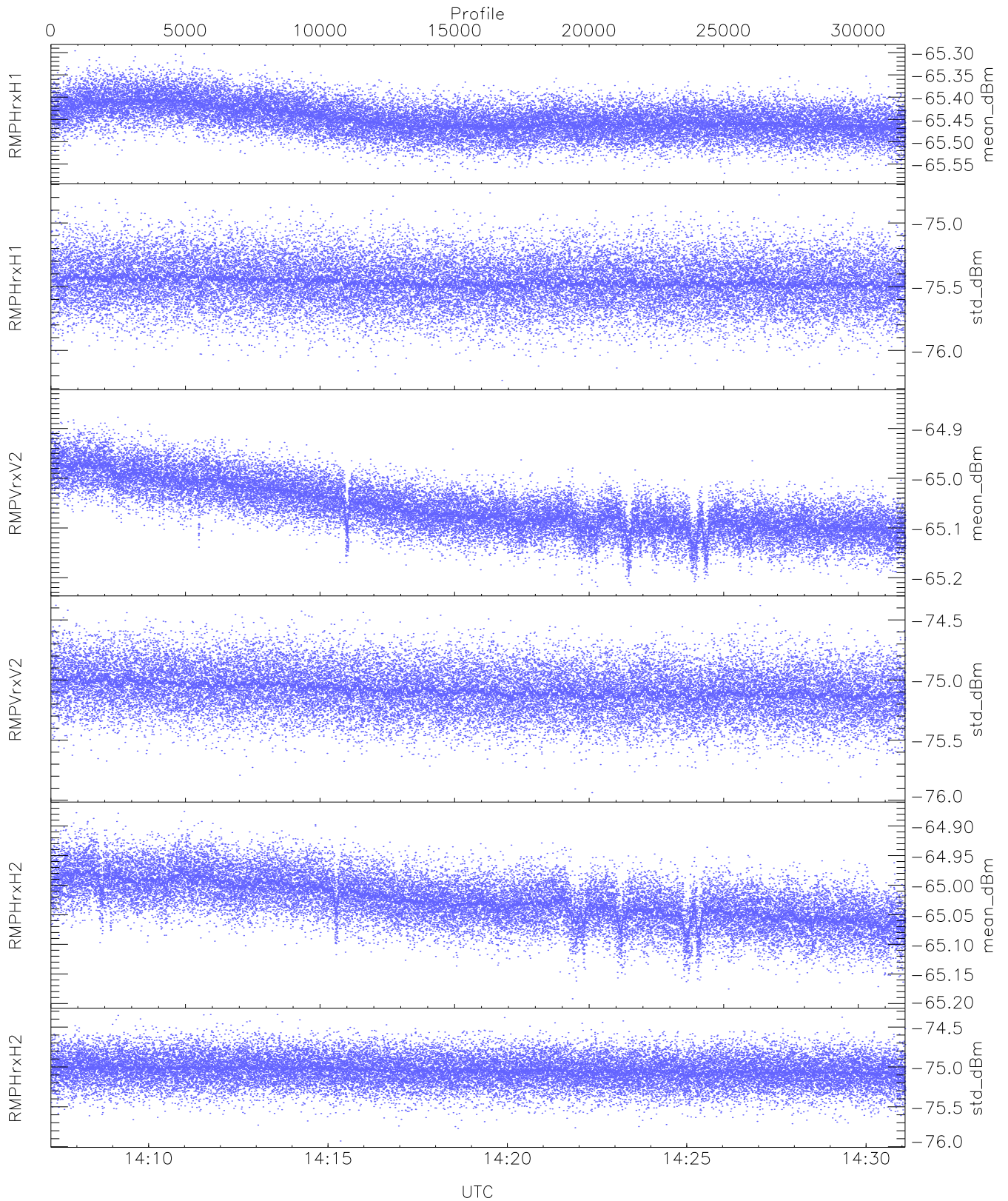
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,20,20`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,24,27`  
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`  
`EIK/Modulator Faults: None`



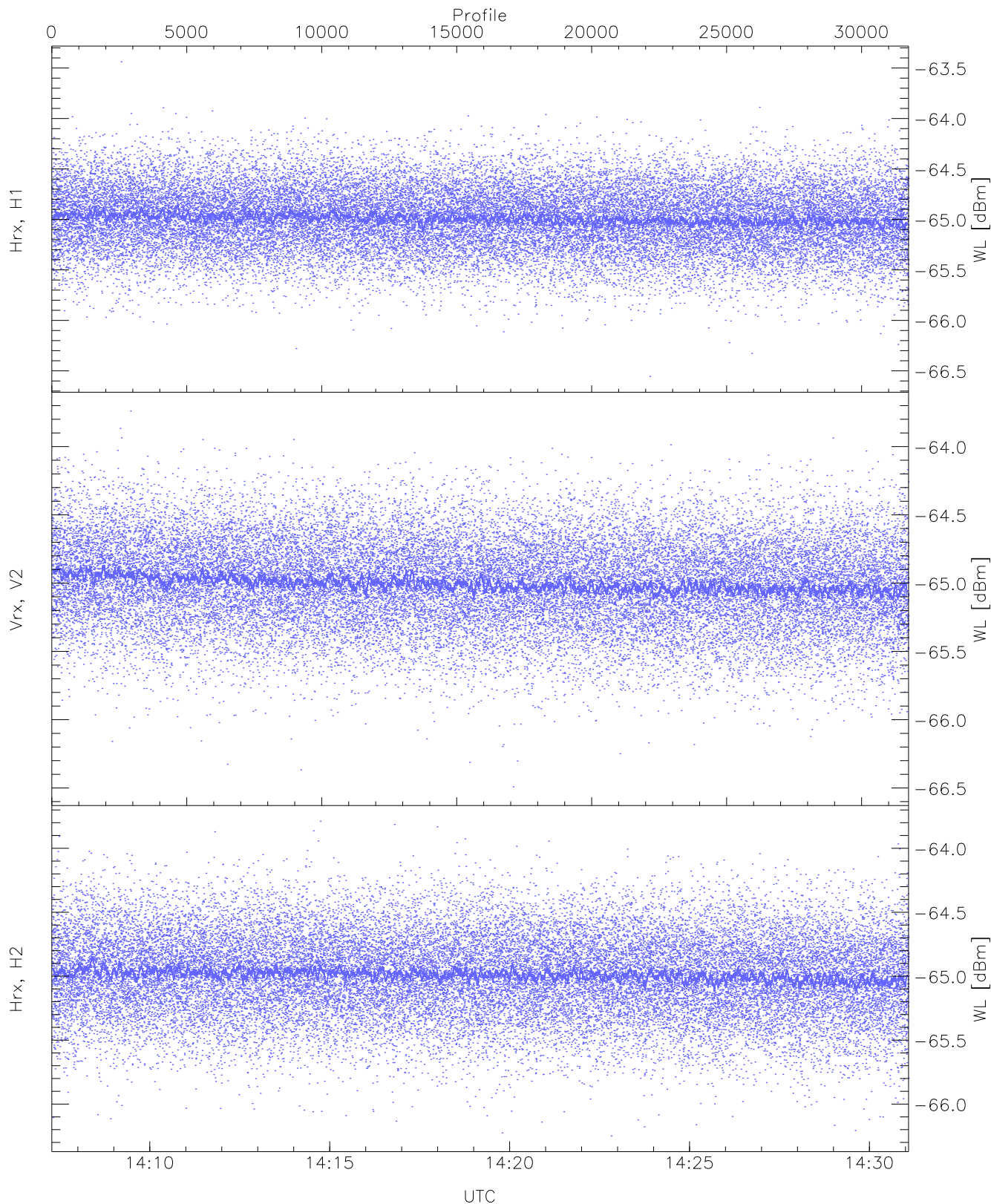
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



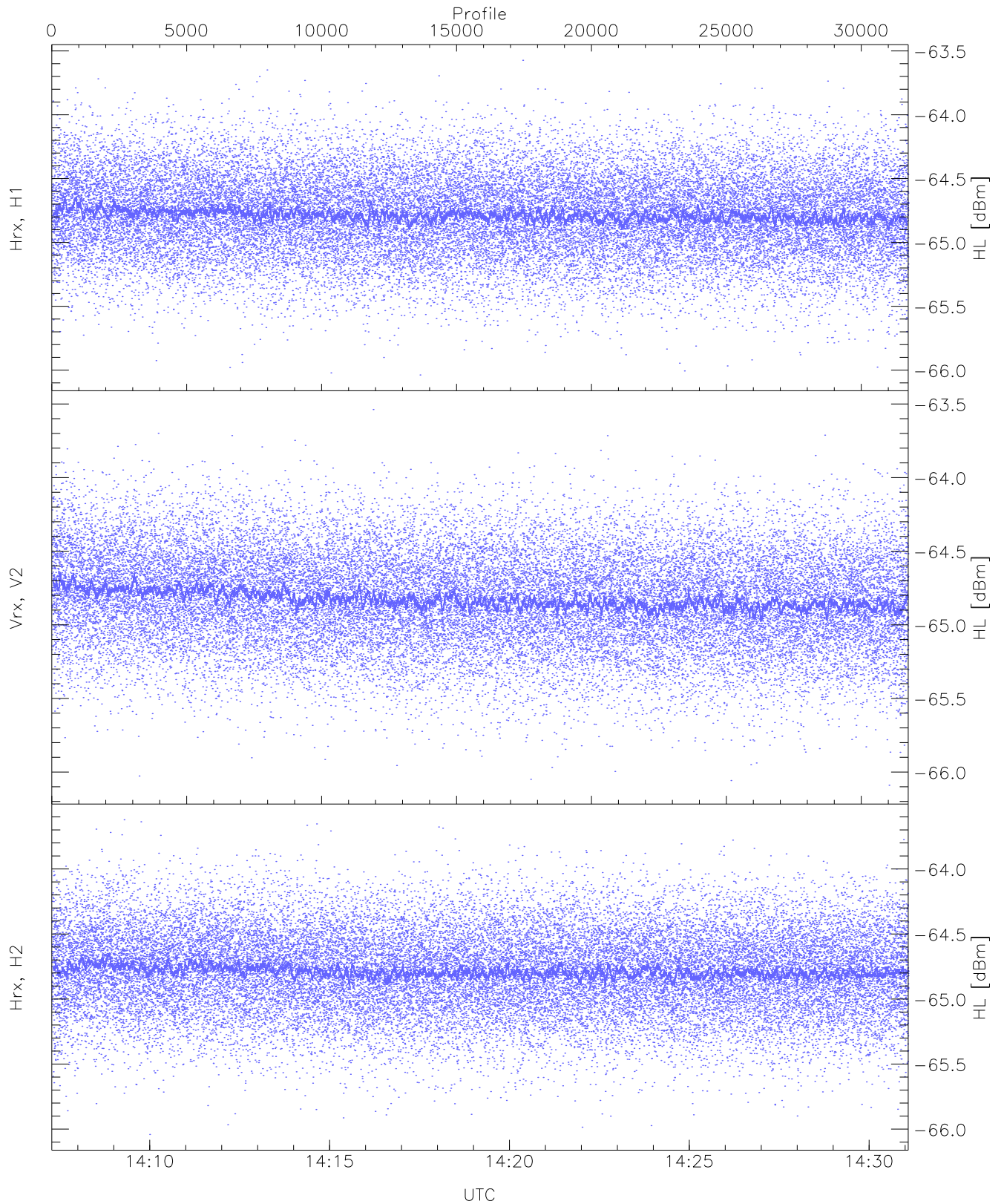
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.58	-65.30	-65.45	-65.45	-86.20
RMPHrxH1 (std_dBm)	-76.24	-74.76	-75.46	-75.47	-89.26
RMPVrxV2 (mean_dBm)	-65.22	-64.84	-65.06	-65.07	-84.19
RMPVrxV2 (std_dBm)	-75.94	-74.38	-75.08	-75.08	-88.73
RMPHrxH2 (mean_dBm)	-65.19	-64.88	-65.03	-65.03	-85.28
RMPHrxH2 (std_dBm)	-75.93	-74.34	-75.04	-75.04	-88.82



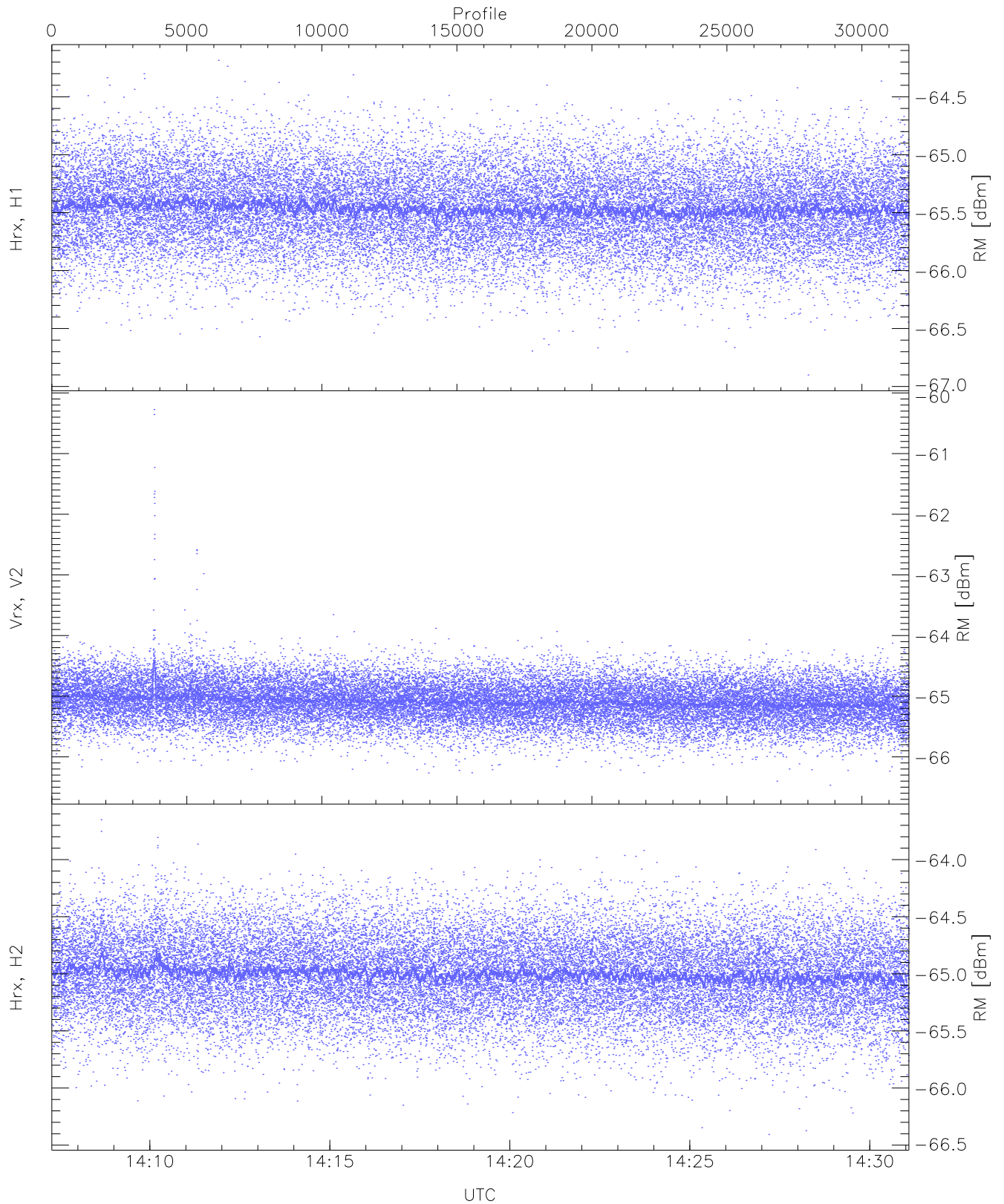
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.56	-63.44	-64.98	-64.99	-76.51
Vrx, V2 (WL [dBm])	-66.49	-63.74	-65.00	-65.01	-76.49
Hrx, H2 (WL [dBm])	-66.25	-63.79	-64.98	-64.99	-76.47



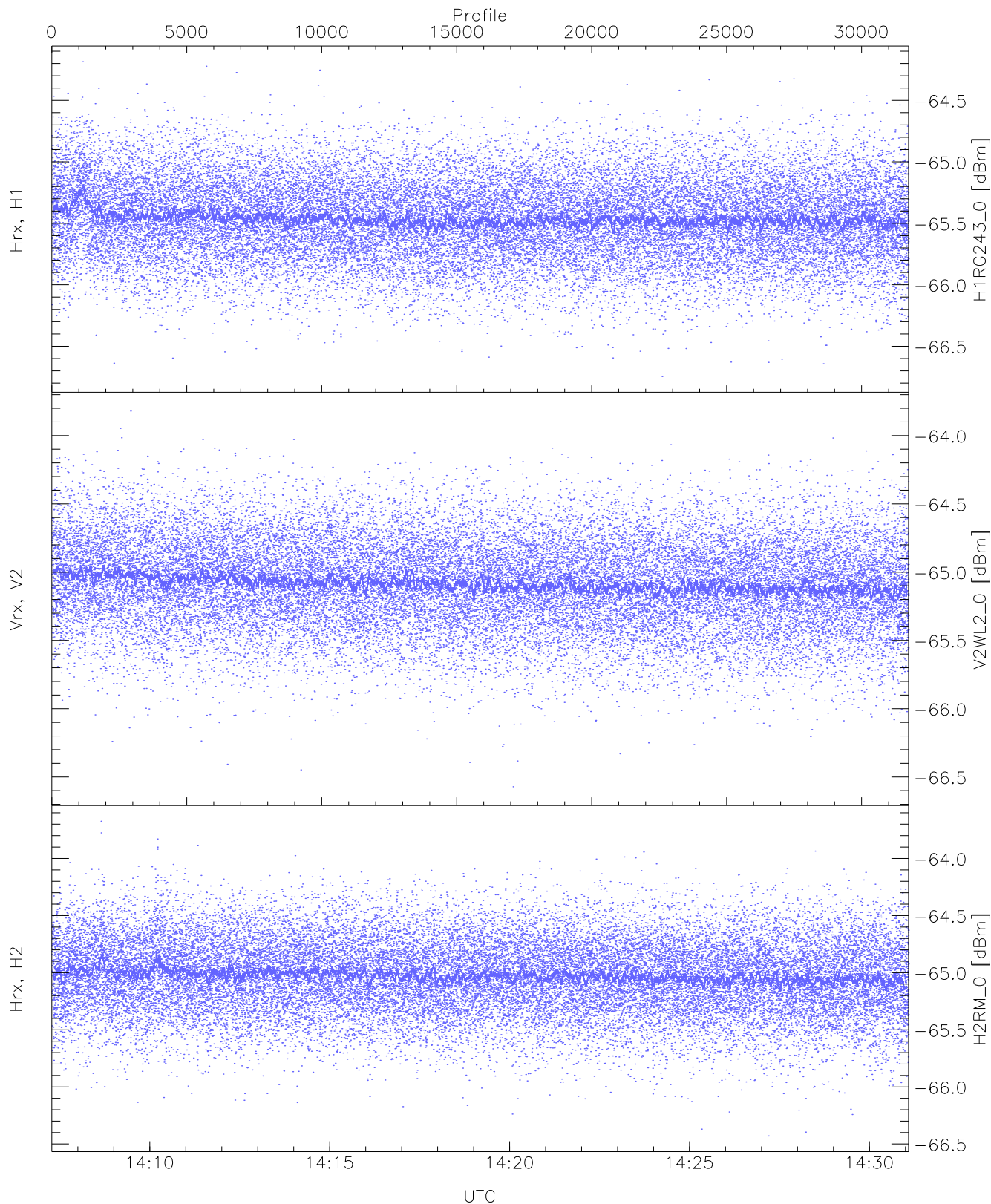
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.04	-63.57	-64.78	-64.79	-76.29
Vrx, V2 (HL [dBm])	-66.09	-63.54	-64.82	-64.83	-76.29
Hrx, H2 (HL [dBm])	-66.04	-63.62	-64.78	-64.79	-76.30



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

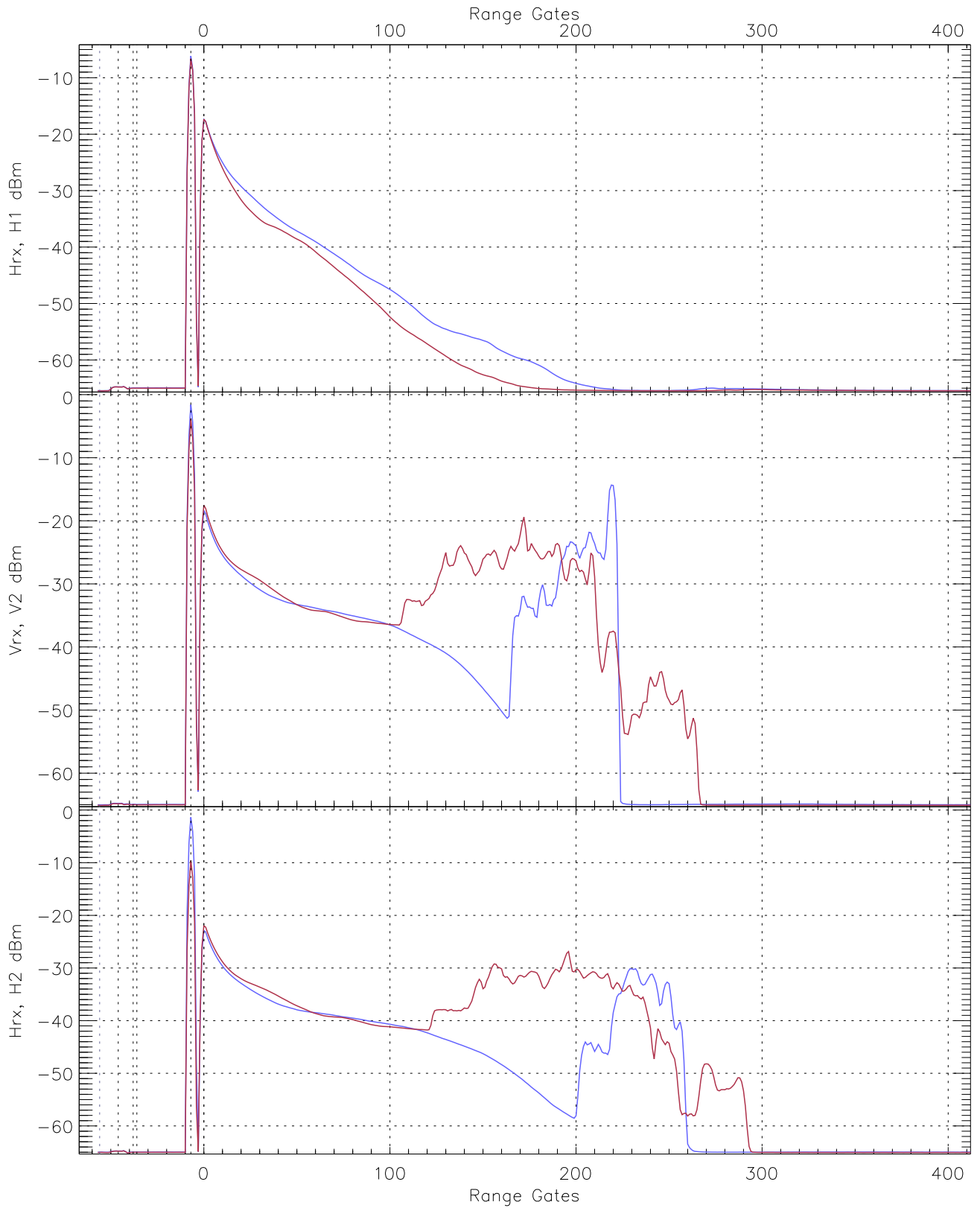
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.90	-64.18	-65.46	-65.46	-76.95
Vrx, V2 (RM [dBm])	-66.47	-60.27	-65.08	-65.09	-76.24
Hrx, H2 (RM [dBm])	-66.41	-63.65	-65.00	-65.01	-76.46



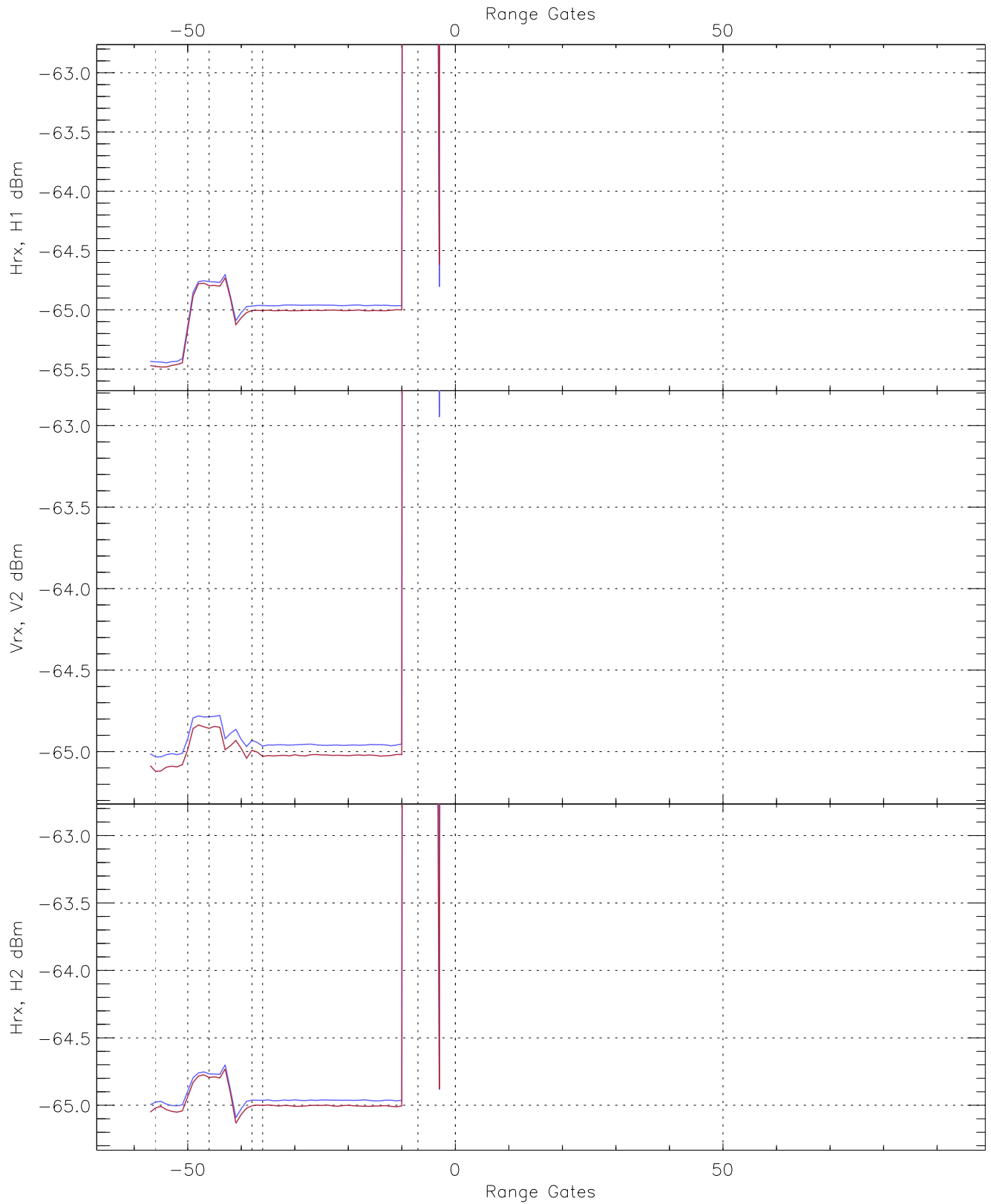
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG243_0 [dBm]	-66.75	-64.19	-65.46	-65.47	-76.91
V2WL2_0 [dBm]	-66.57	-63.82	-65.08	-65.09	-76.57
H2RM_0 [dBm]	-66.43	-63.67	-65.02	-65.03	-76.48

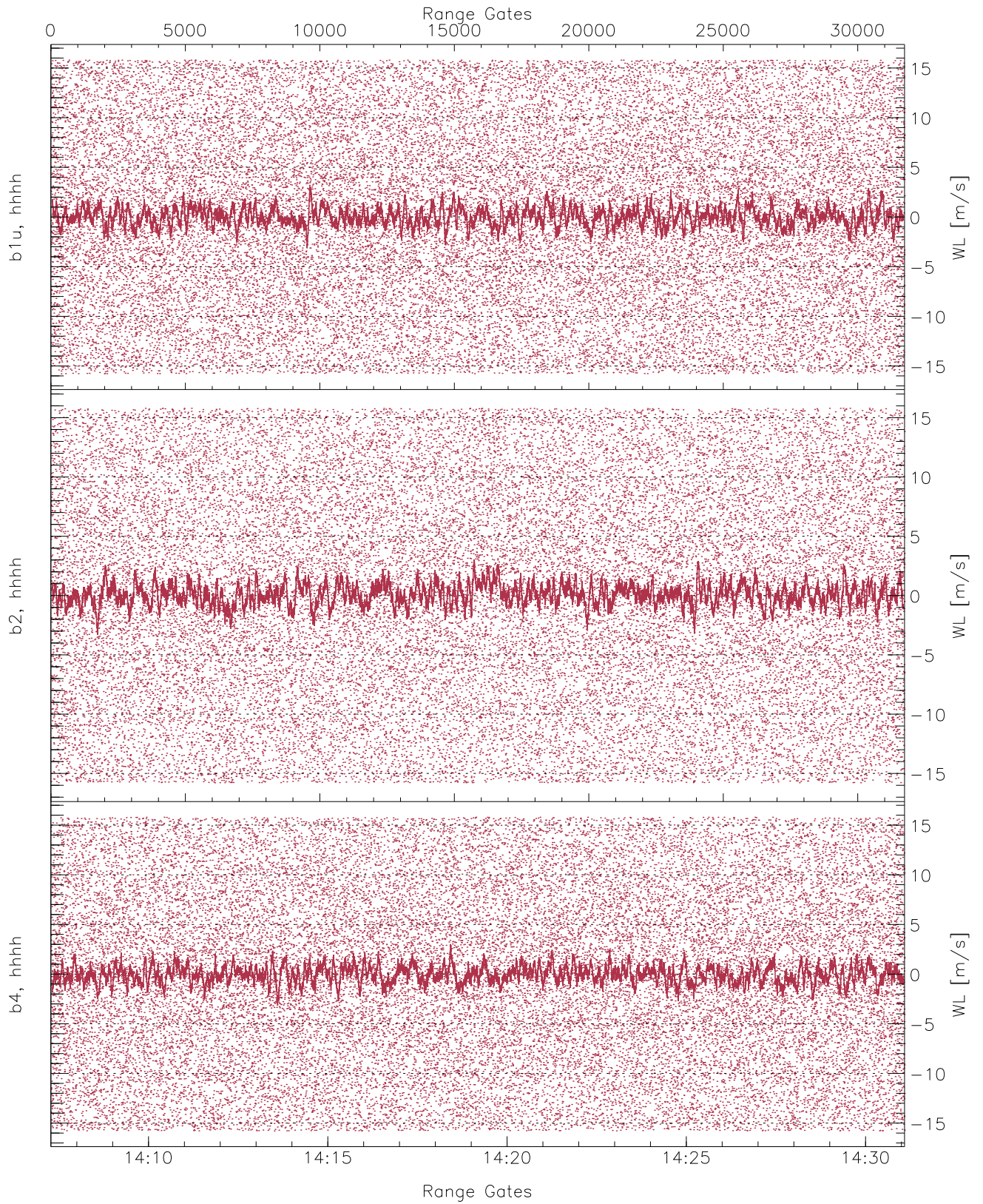




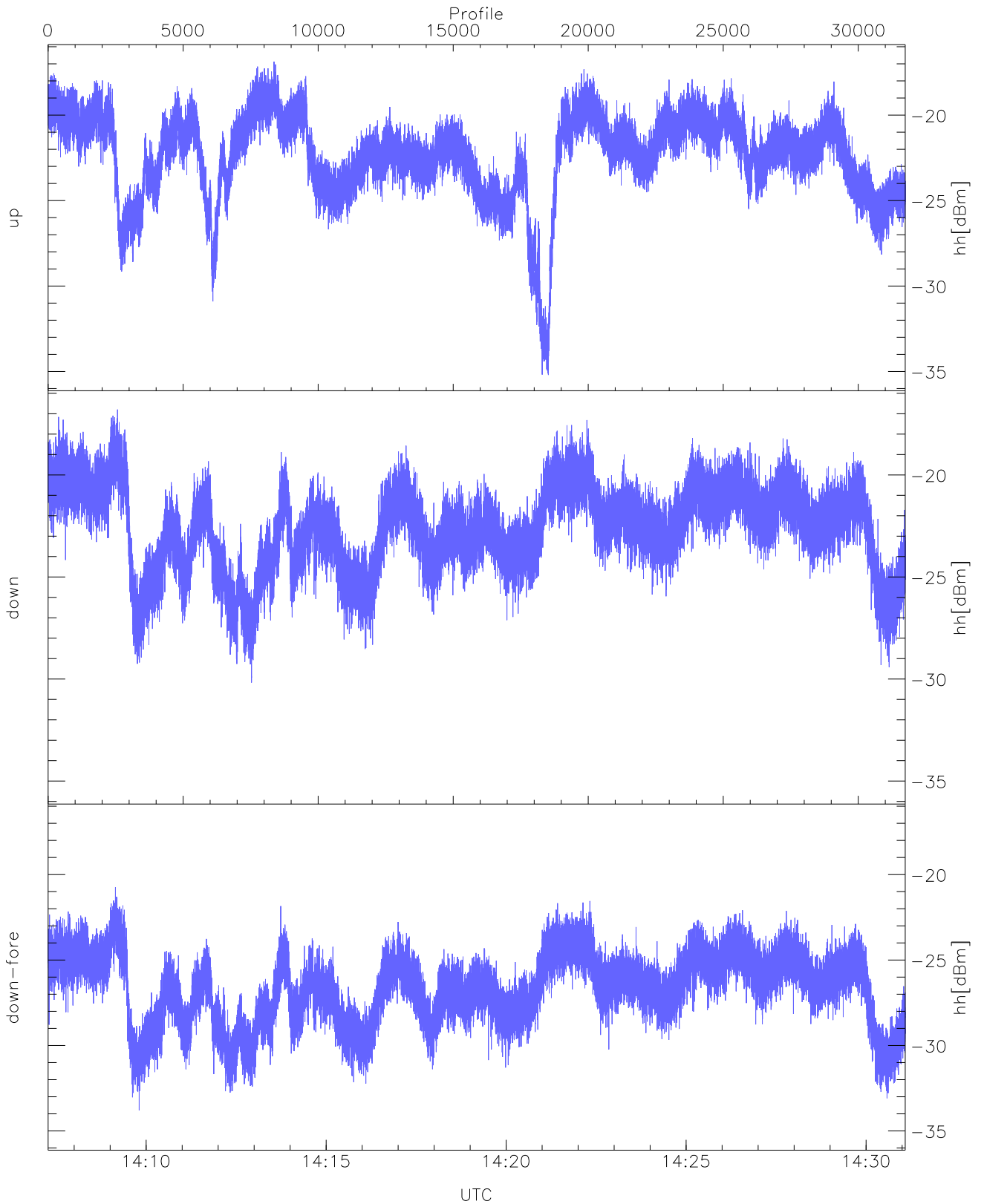
WCR3 CPP Averaged Received power for all recorded gates  
blue: 140717-141911, 15871 profiles averaged  
red: 141911-143105, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 140717-141911, 15871 profiles averaged  
red: 141911-143105, 15871 profiles averaged

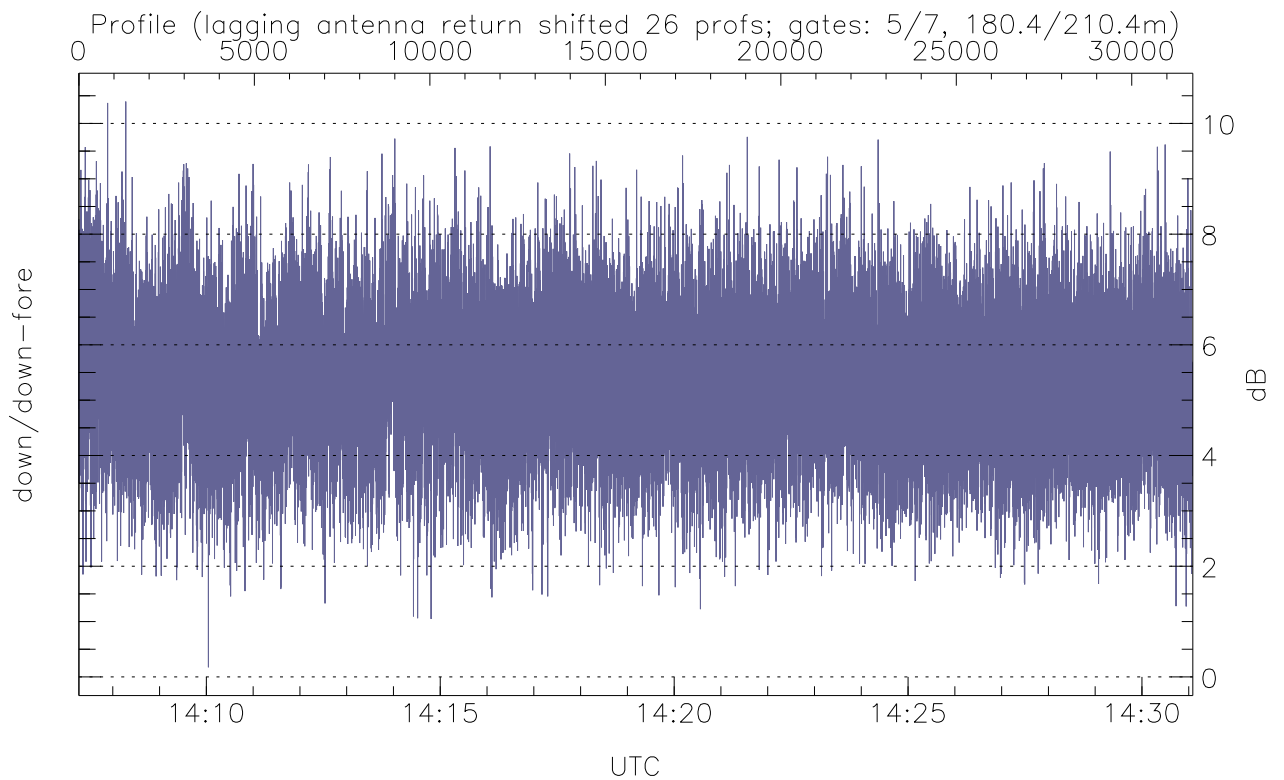
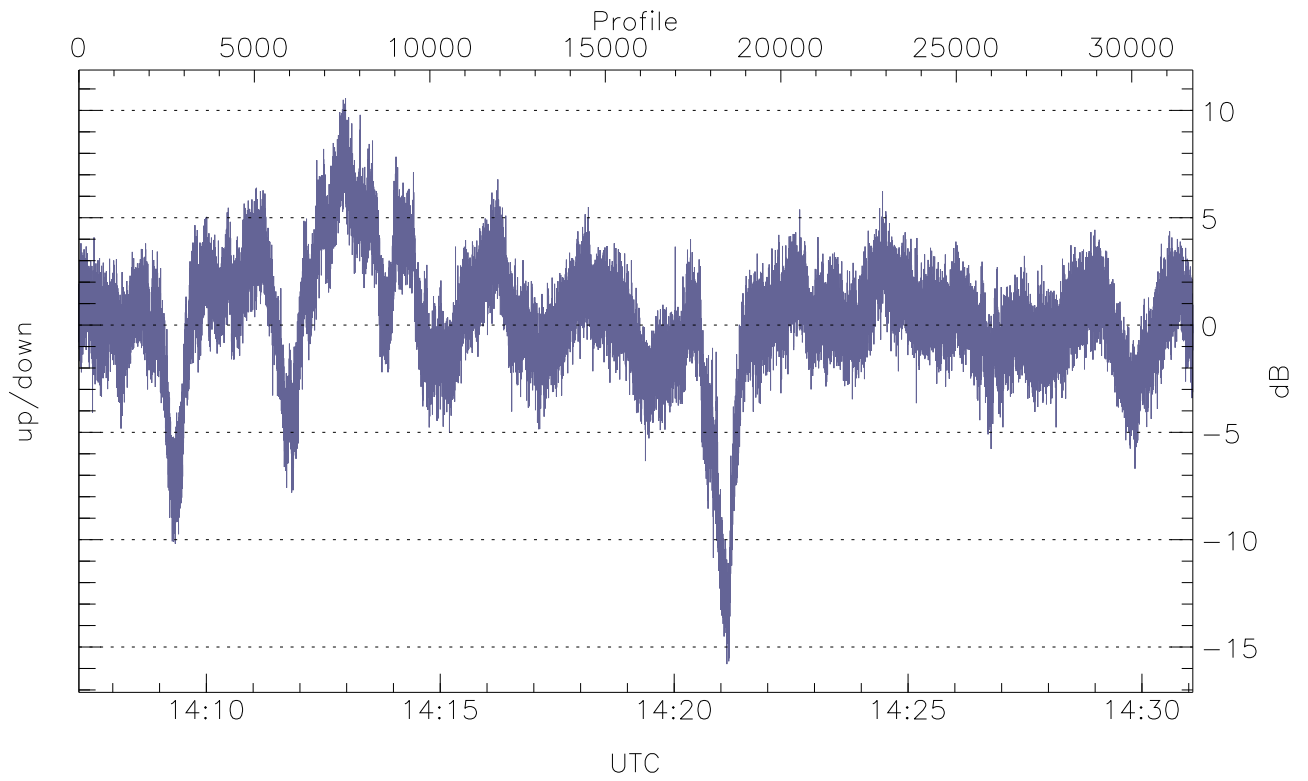


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



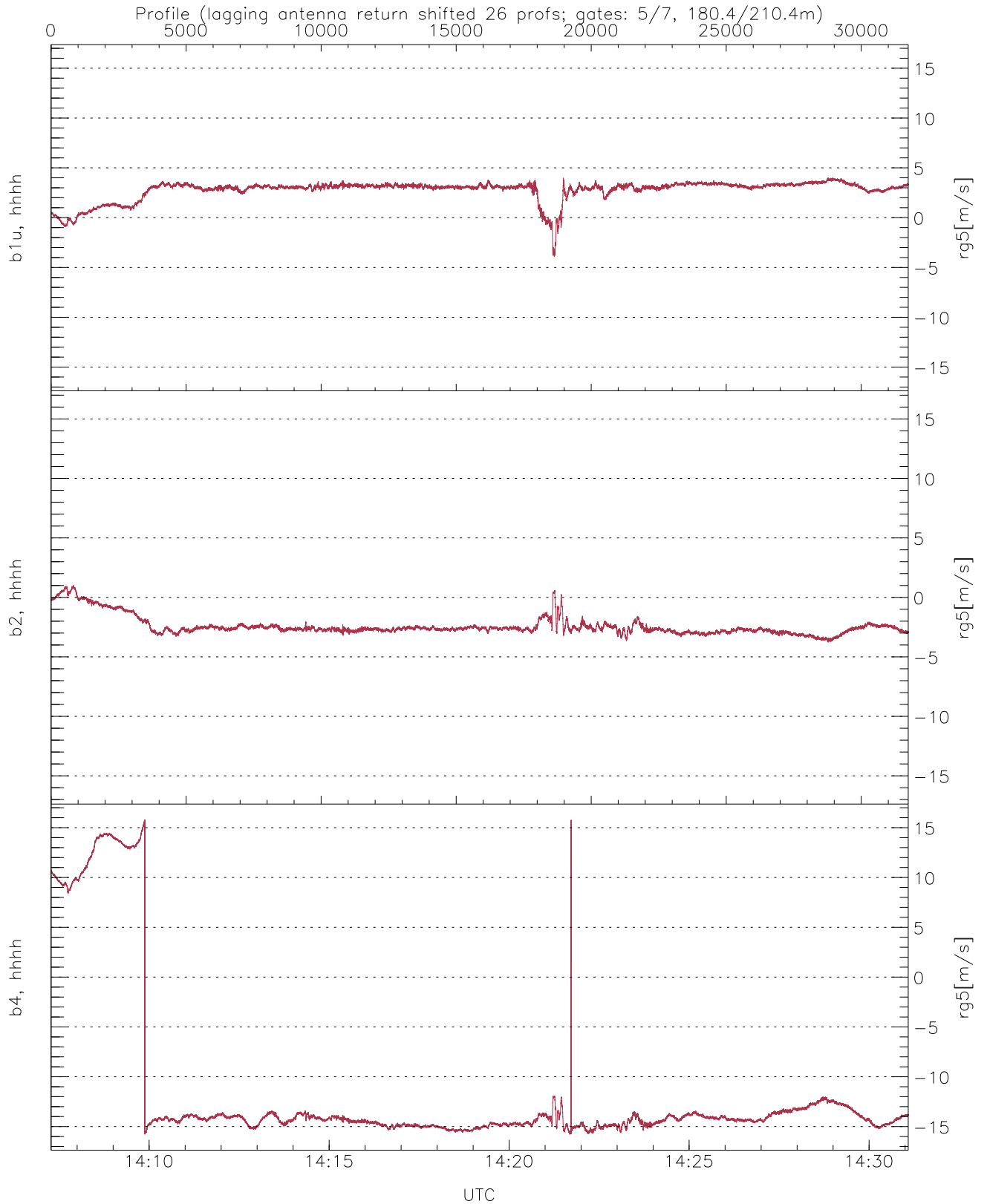
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-35.21	-16.87	-21.82
down(hh[dBm])	-30.18	-16.79	-22.18
down-fore(hh[dBm])	-33.80	-20.74	-26.24



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

	Min	Max	Mean
up/down (dB)	-15.79	10.56	0.23
down/down-fore (dB)	0.17	10.40	5.37



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.91	4.03	2.76	1.03
b2, hhhh(rg5[m/s])	-3.78	1.02	-2.43	0.81
b4, hhhh(rg5[m/s])	-15.79	15.78	-11.42	8.32