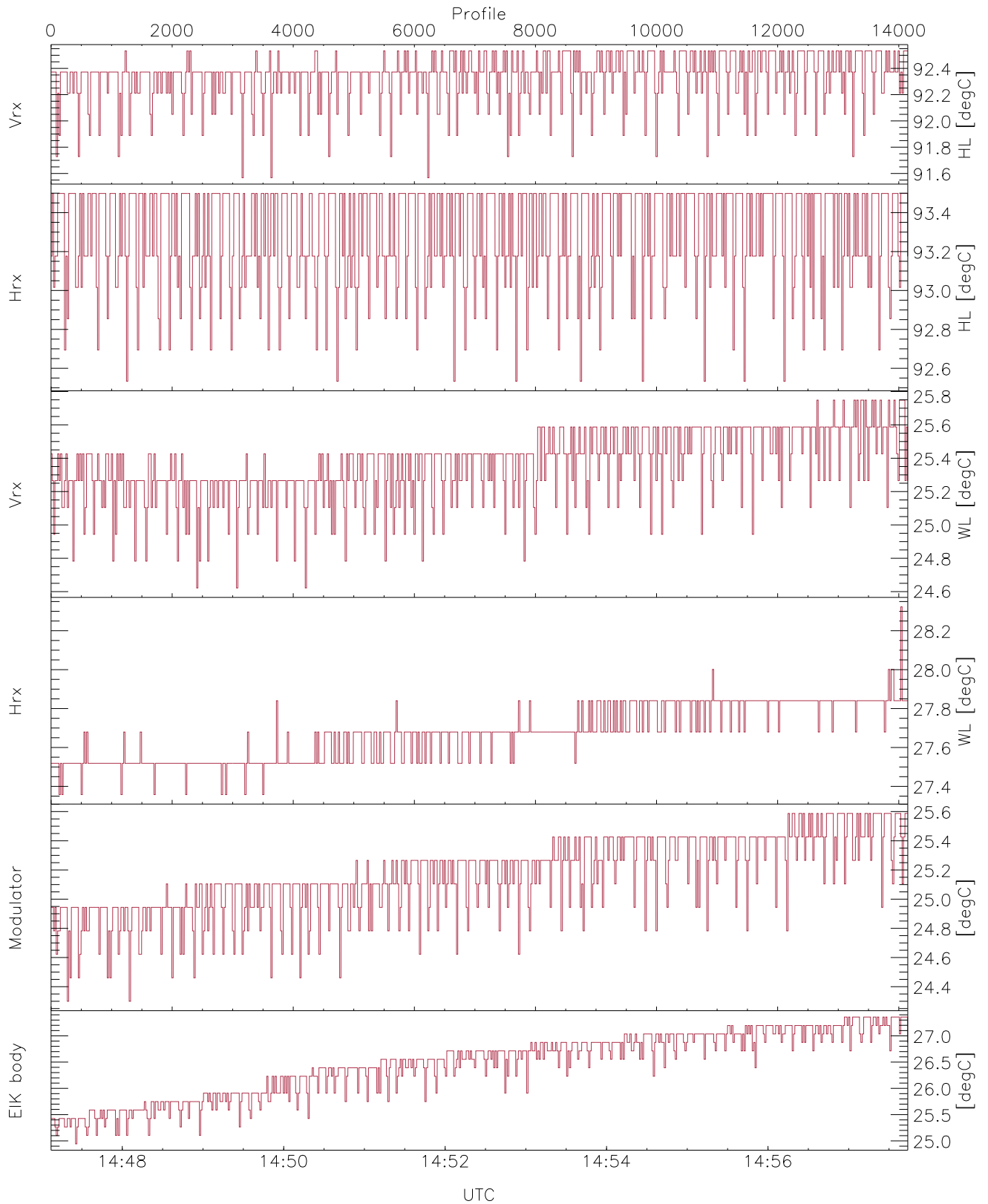


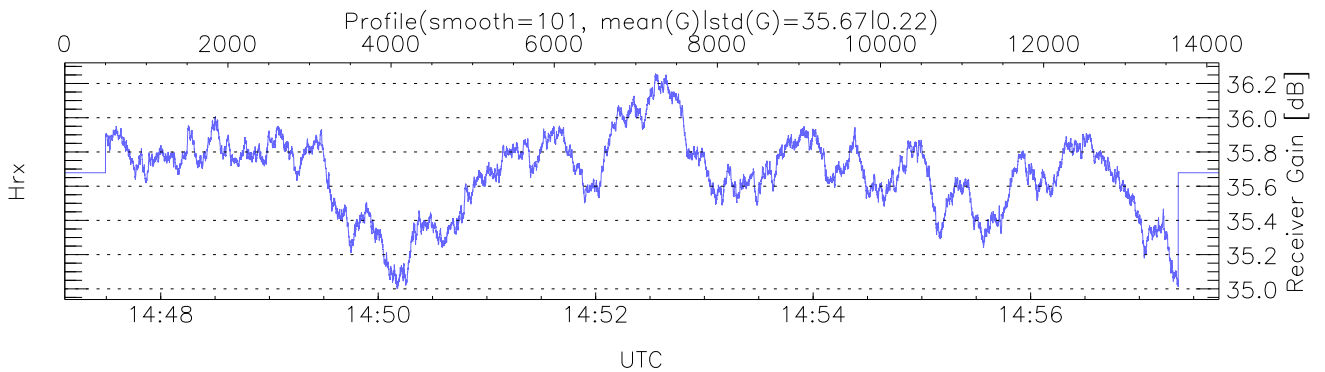
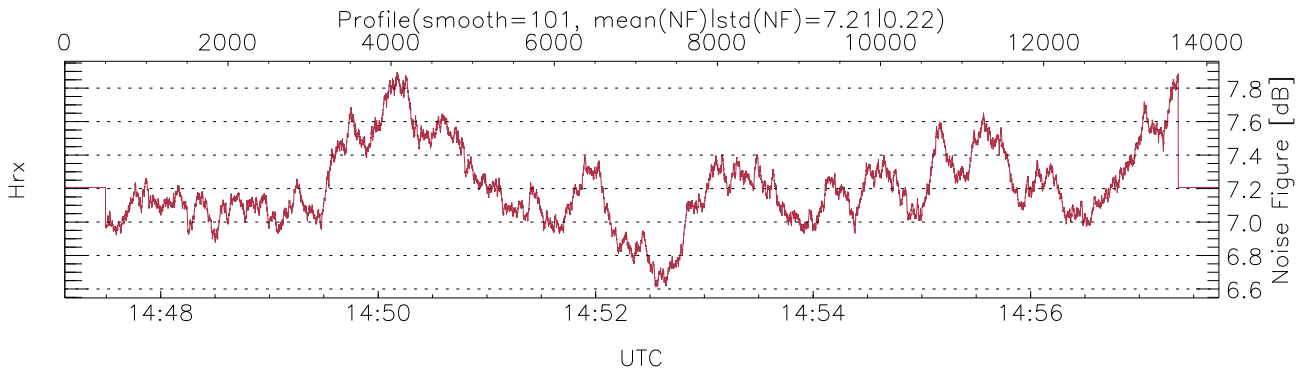
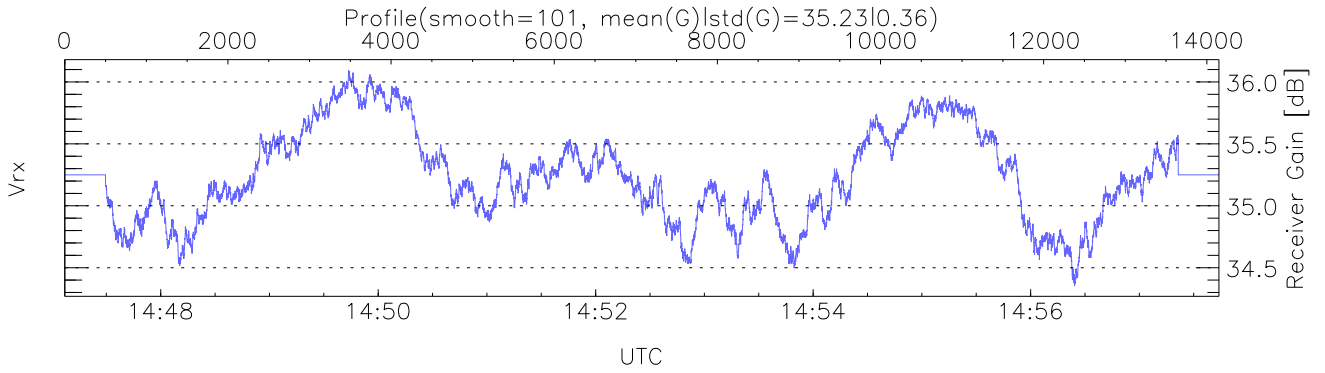
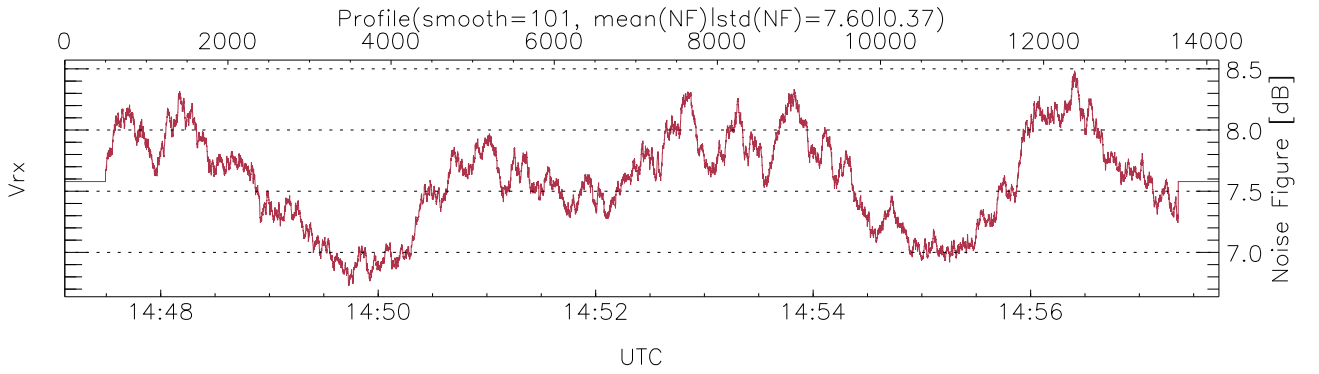
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:47:07-14:57:44, TimeCor: 0.00s, Dur: 636.86s  
 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): 14150/14150, 0-14149/14:47:07-14:57:44  
 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|2,3,9x = no mirror|sidelup|error): 1



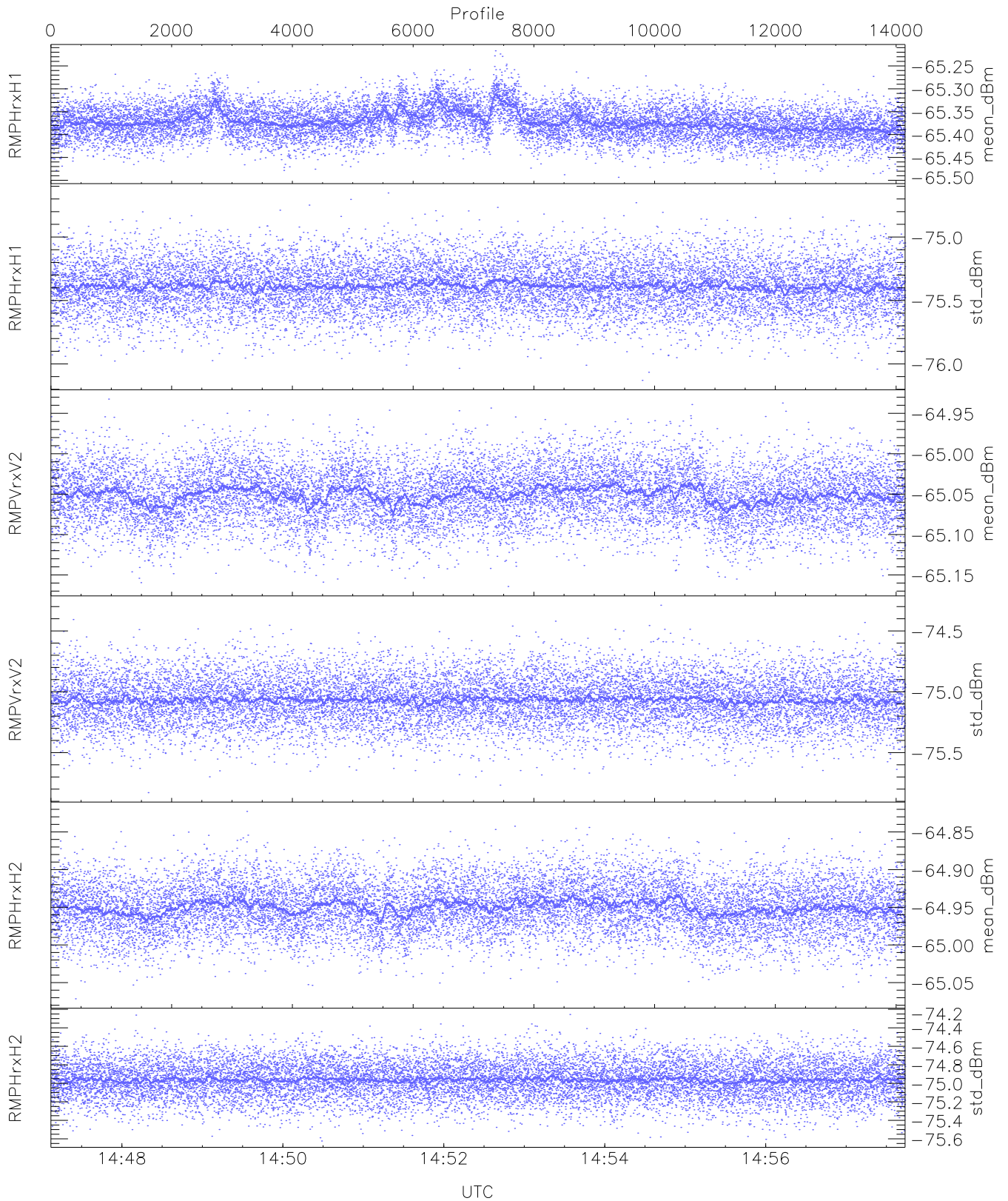
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,24,24  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,25,27  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



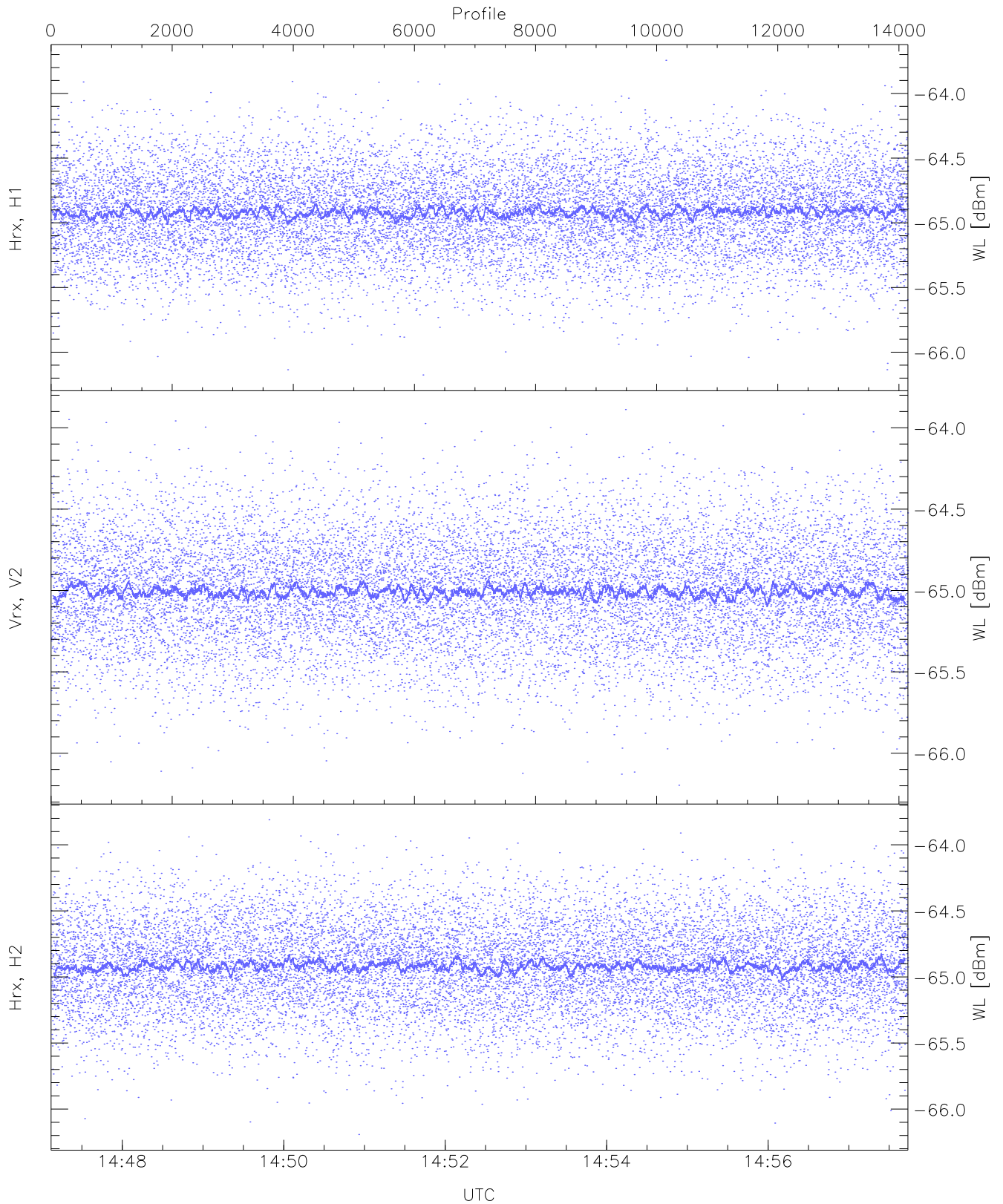
### WCR3 CPP Receivers Gain and Noise Figure

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



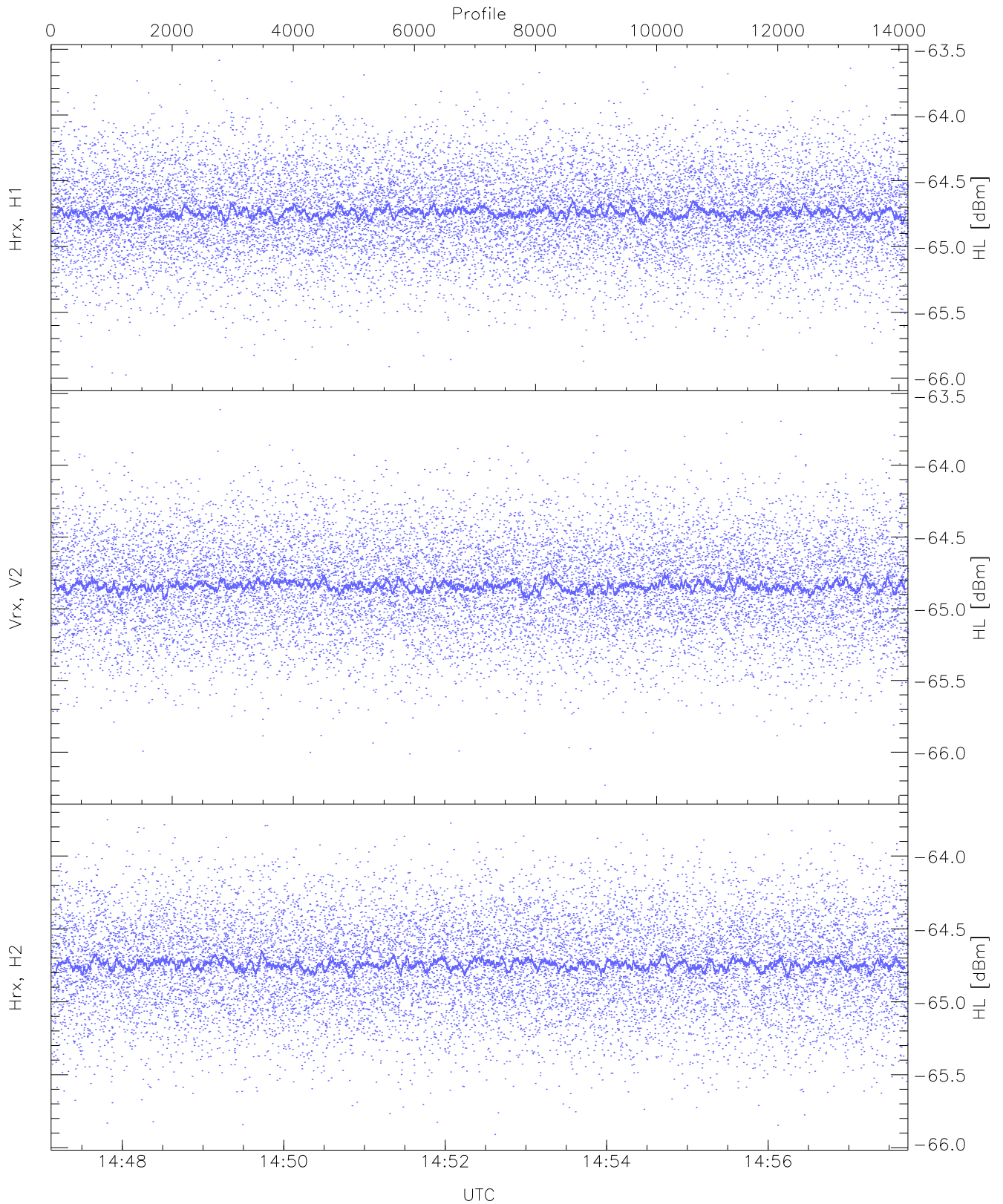
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.22	-65.37	-65.37	-86.46
RMPHrxH1(std_dBm)	-76.13	-74.65	-75.39	-75.39	-89.19
RMPVrxV2(mean_dBm)	-65.16	-64.93	-65.05	-65.05	-86.52
RMPVrxV2(std_dBm)	-75.83	-74.29	-75.07	-75.07	-88.85
RMPHrxH2(mean_dBm)	-65.07	-64.82	-64.95	-64.95	-86.46
RMPHrxH2(std_dBm)	-75.62	-74.26	-74.96	-74.96	-88.72



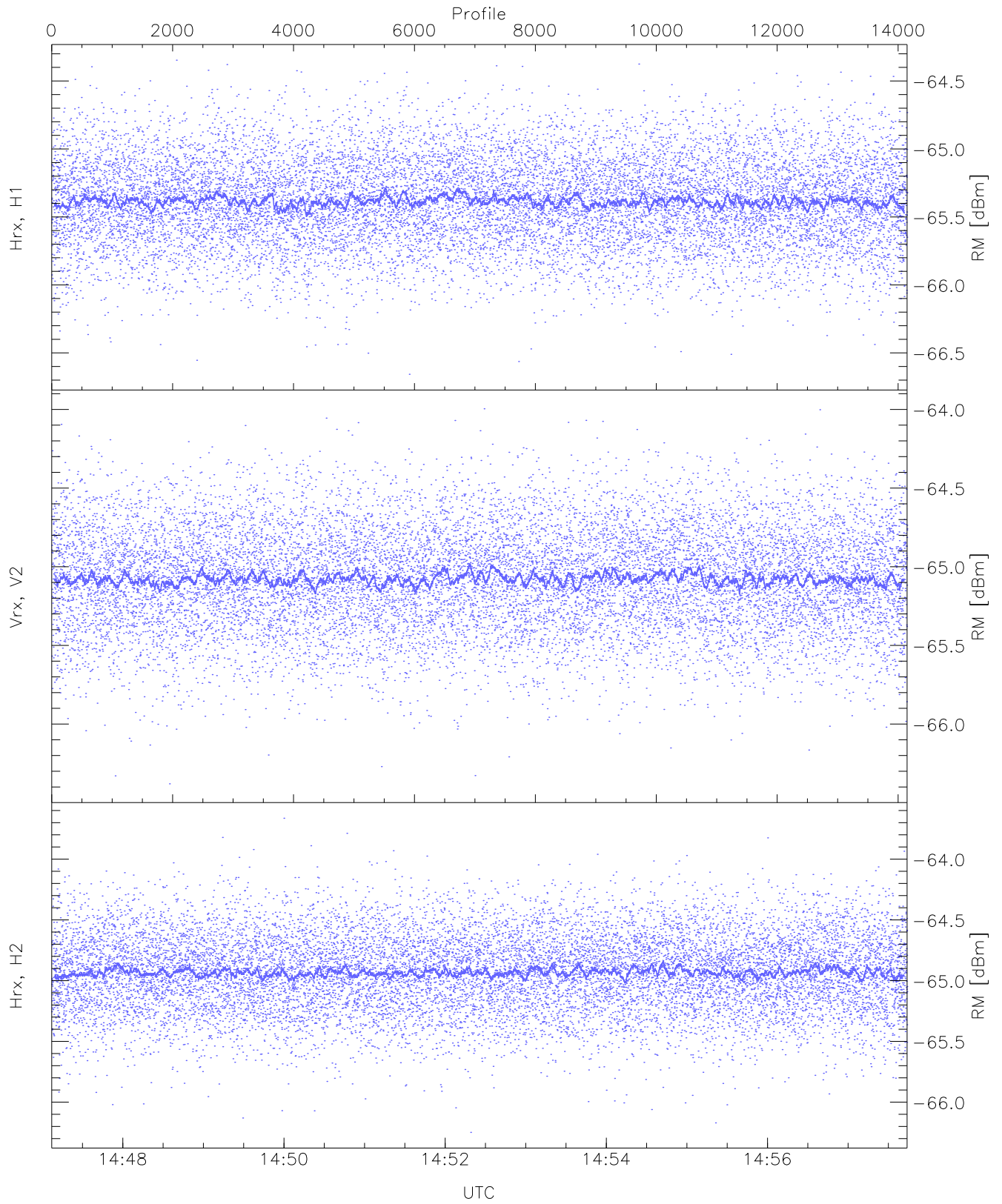
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.74	-64.91	-64.92	-76.43
Vrx, V2 (WL [dBm])	-66.20	-63.89	-65.00	-65.00	-76.53
Hrx, H2 (WL [dBm])	-66.19	-63.81	-64.91	-64.92	-76.39



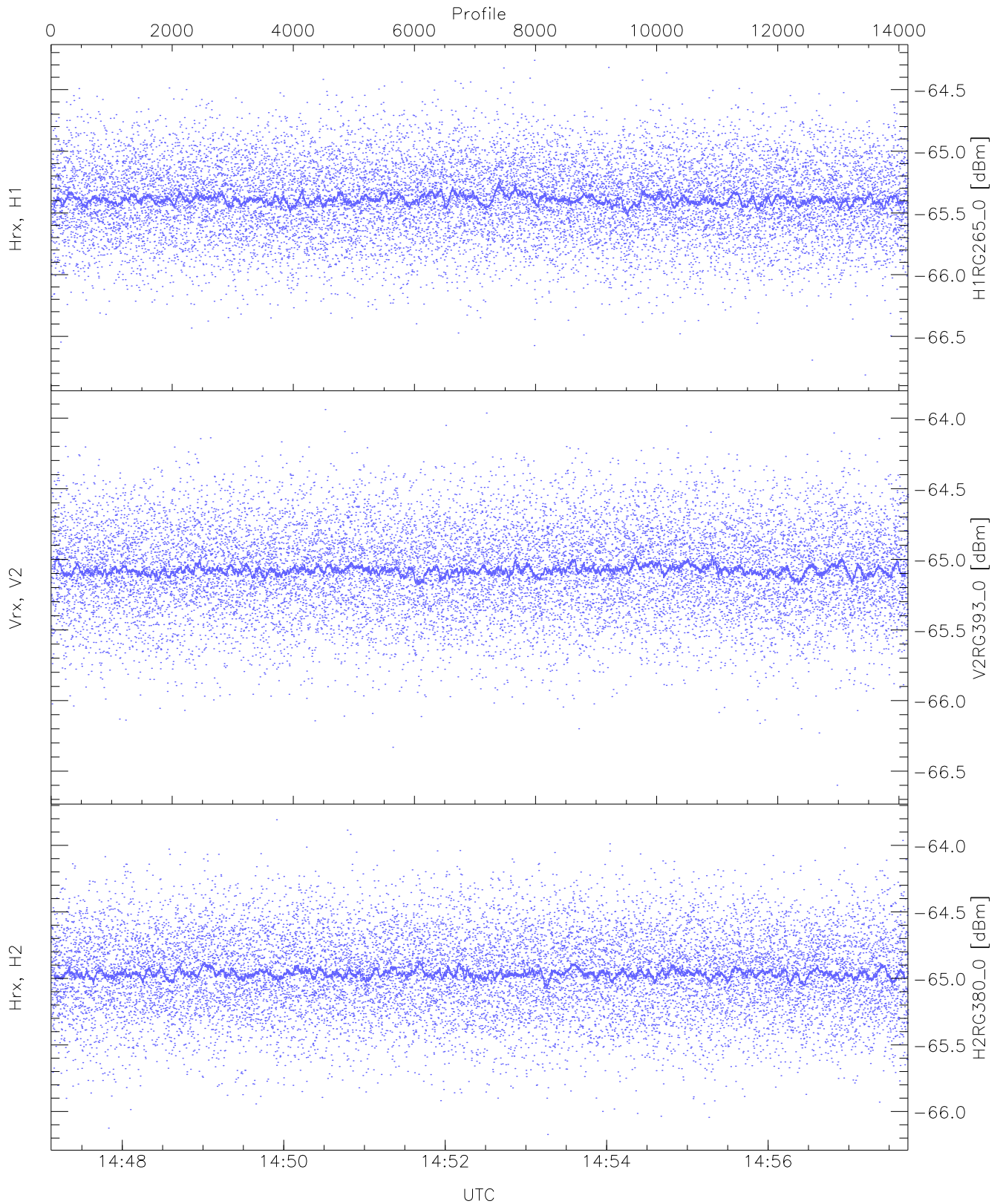
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.58	-64.73	-64.74	-76.24
Vrx, V2 (HL [dBm])	-66.23	-63.61	-64.83	-64.84	-76.34
Hrx, H2 (HL [dBm])	-65.91	-63.75	-64.74	-64.74	-76.28



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

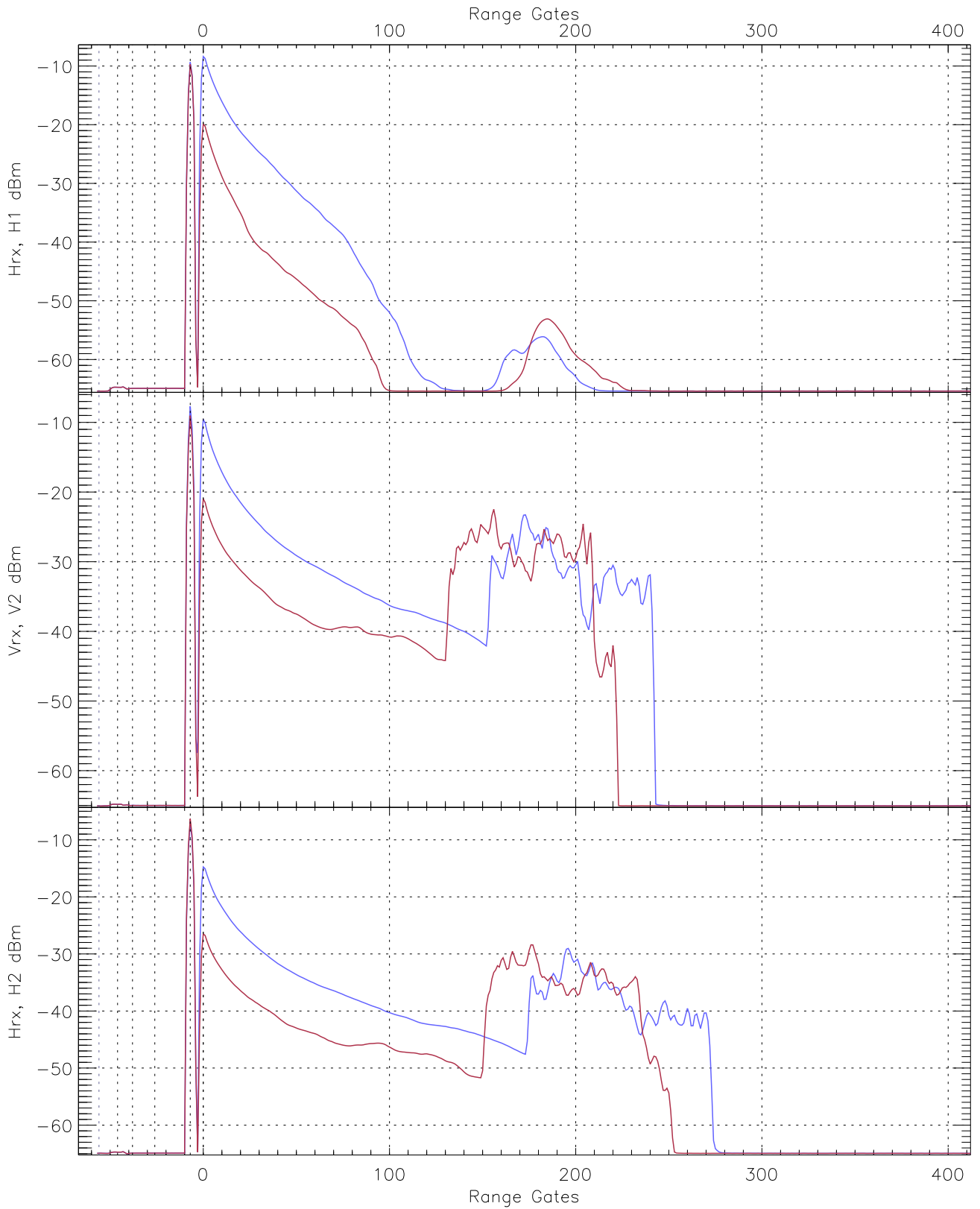
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.66	-64.35	-65.38	-65.39	-76.88
Vrx, V2 (RM [dBm])	-66.38	-64.00	-65.07	-65.07	-76.56
Hrx, H2 (RM [dBm])	-66.25	-63.66	-64.92	-64.93	-76.46



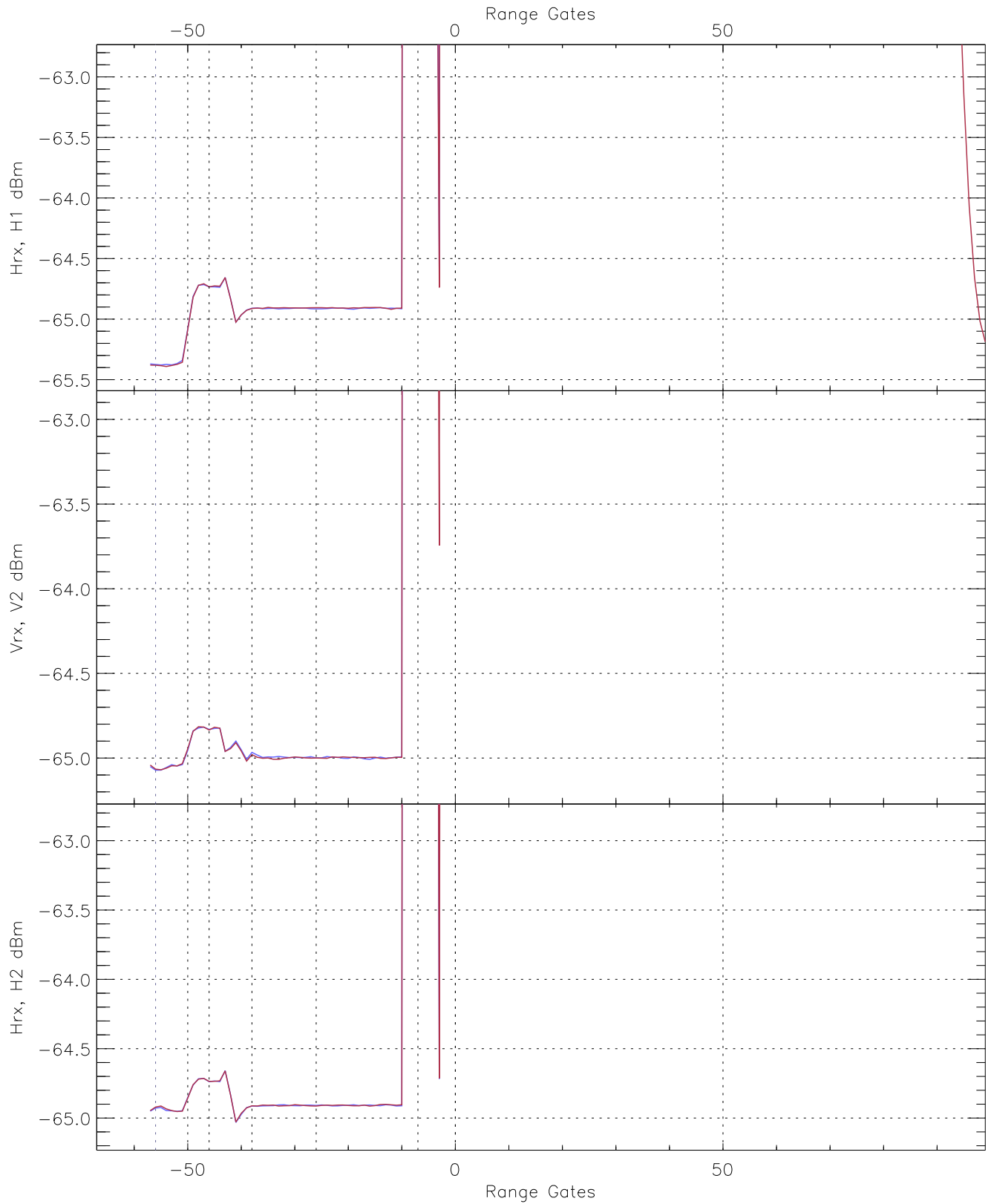
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG265_0 [dBm]	-66.81	-64.26	-65.38	-65.39	-76.89
V2RG393_0 [dBm]	-66.60	-63.94	-65.07	-65.08	-76.56
H2RG380_0 [dBm]	-66.17	-63.81	-64.96	-64.96	-76.49

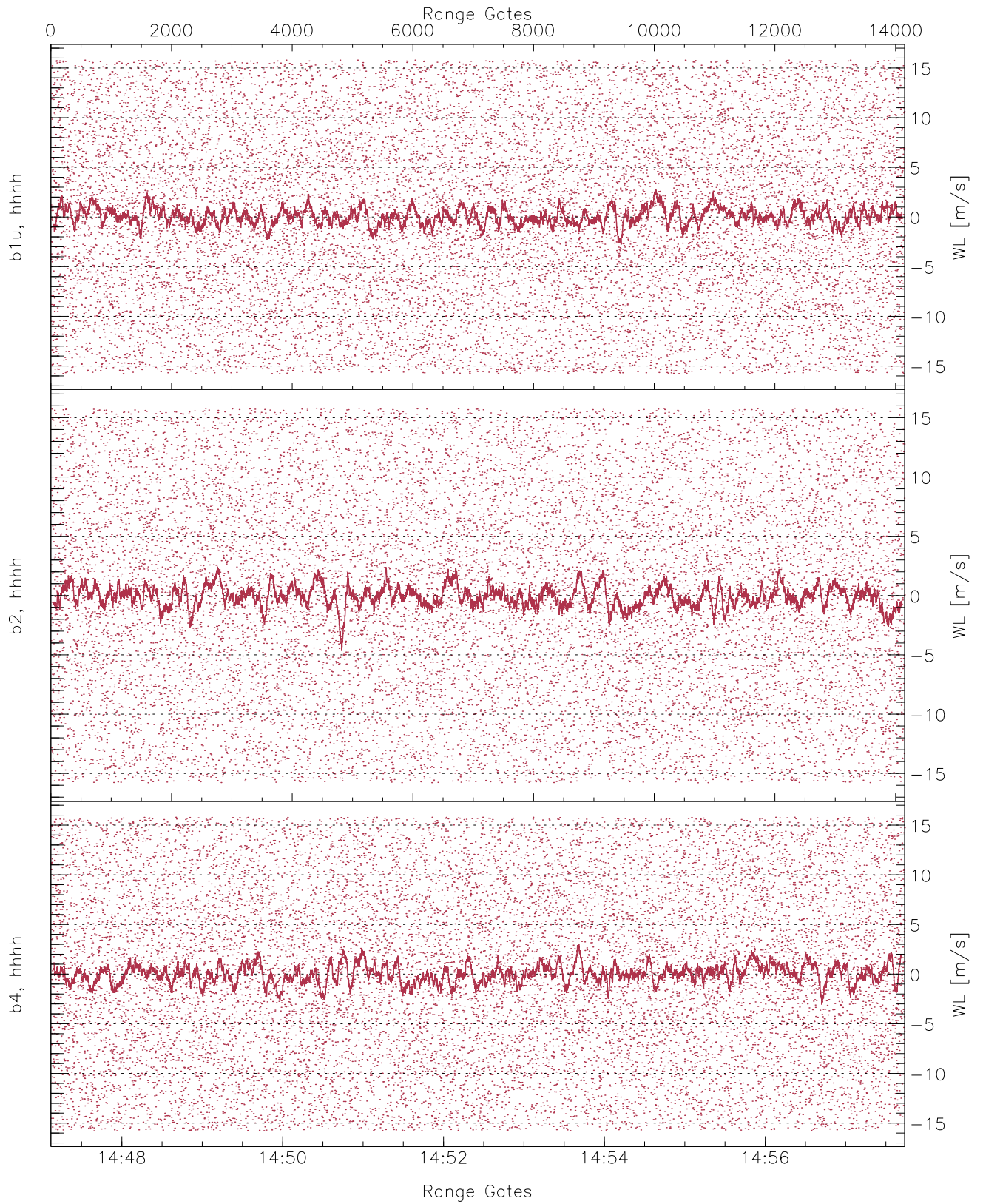




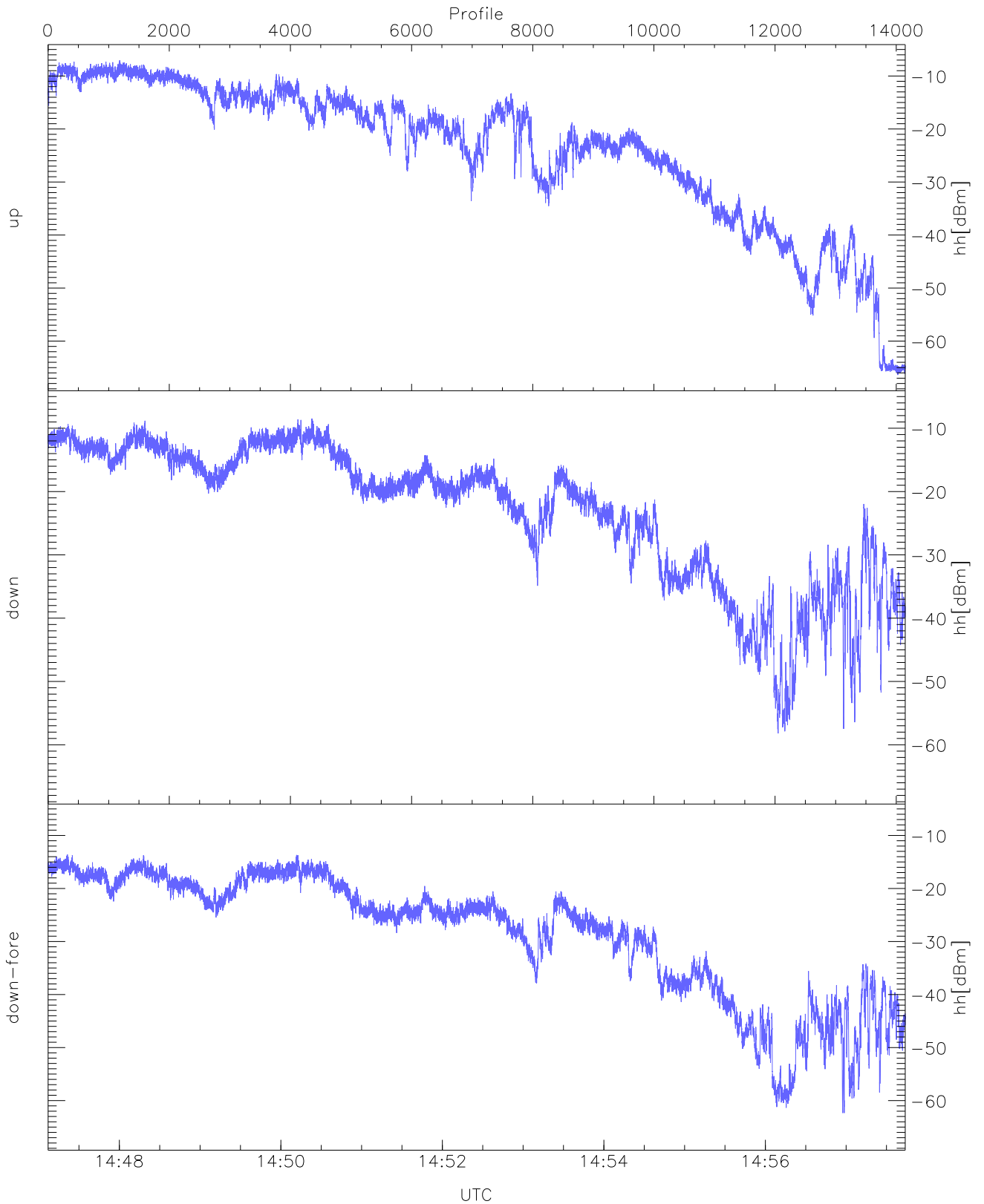
WCR3 CPP Averaged Received power for all recorded gates  
blue: 144707-145226, 7076 profiles averaged  
red: 145226-145744, 7075 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 144707-145226, 7076 profiles averaged  
red: 145226-145744, 7075 profiles averaged

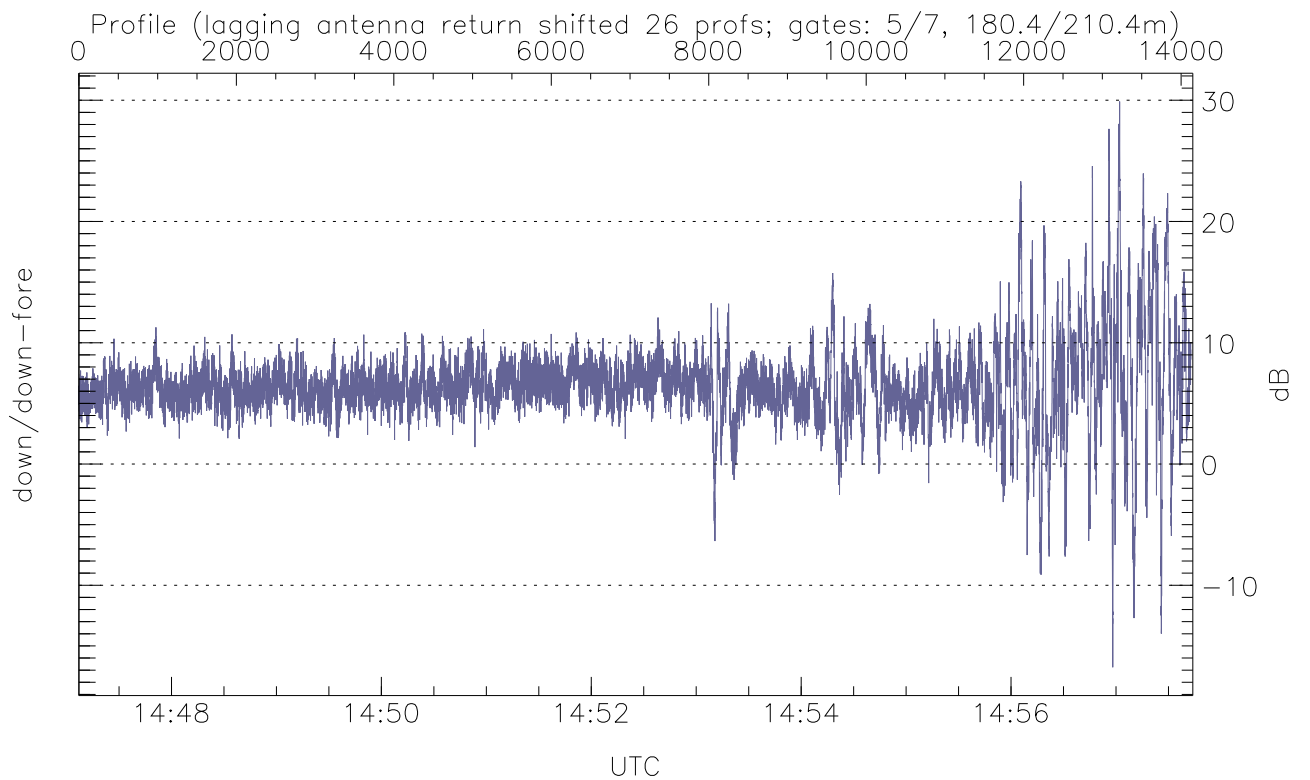
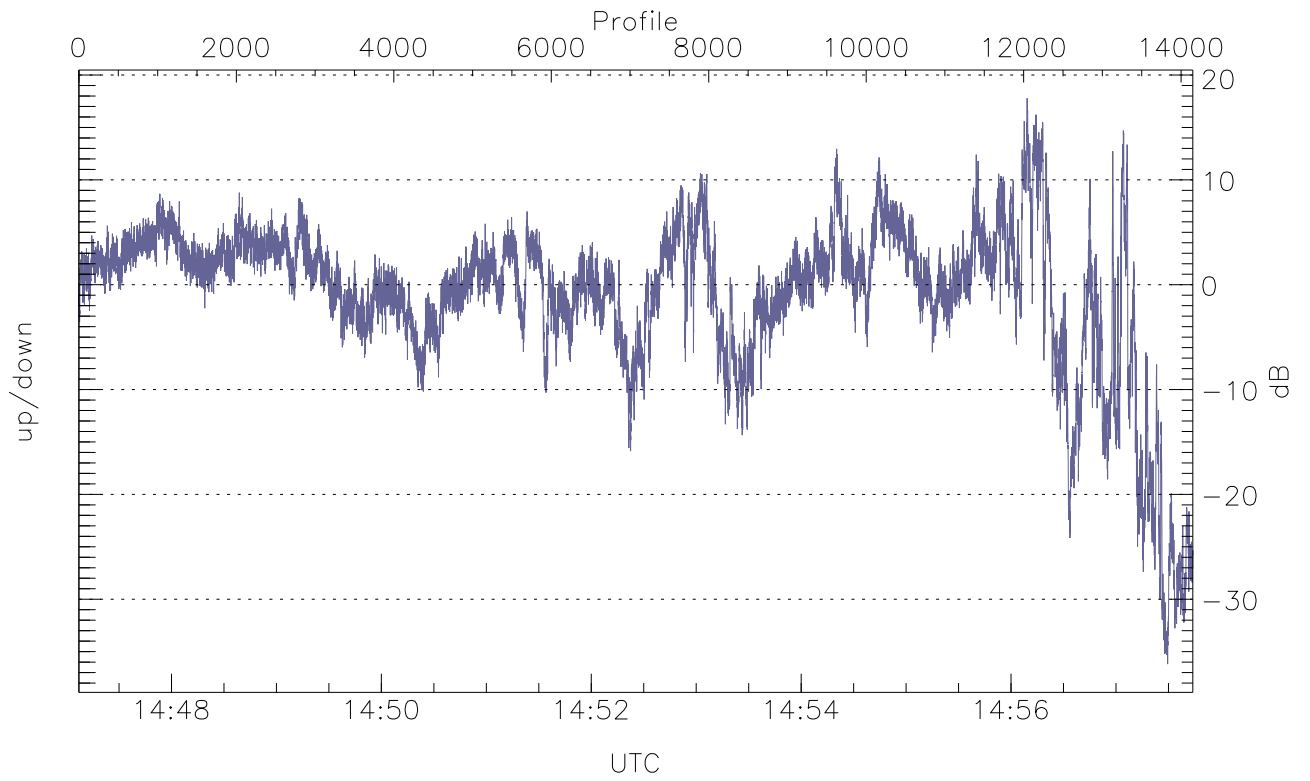


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



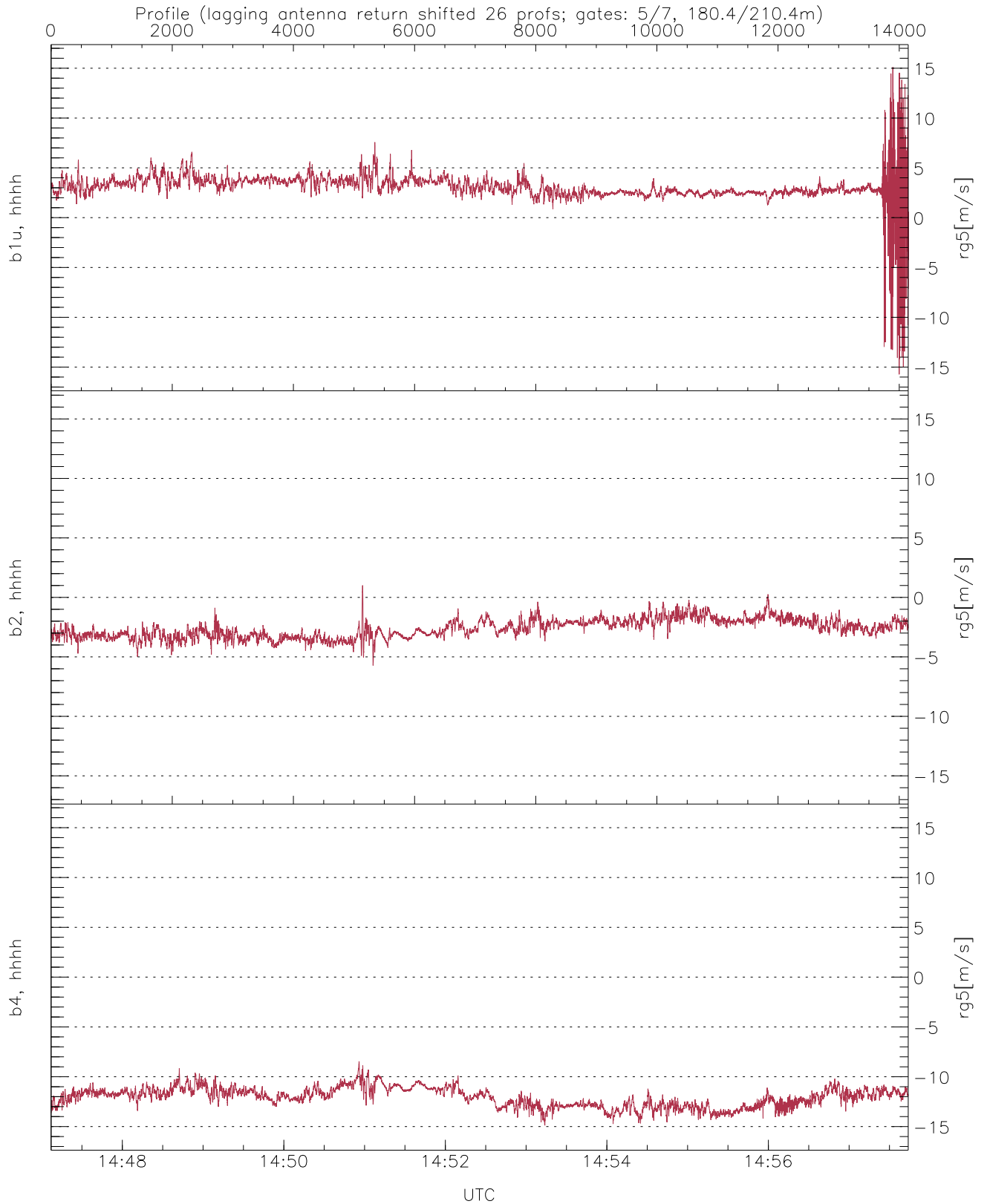
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.39	-7.04	-15.31
down(hh[dBm])	-58.20	-8.47	-16.61
down-fore(hh[dBm])	-62.35	-13.59	-21.43



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

	Min	Max	Mean
up/down (dB)	-36.19	17.78	-0.86
down/down-fore (dB)	-16.76	29.89	6.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.73	15.11	3.08	1.30
b2, hhhh(rg5[m/s])	-5.71	1.01	-2.63	0.79
b4, hhhh(rg5[m/s])	-14.88	-8.46	-12.07	0.96