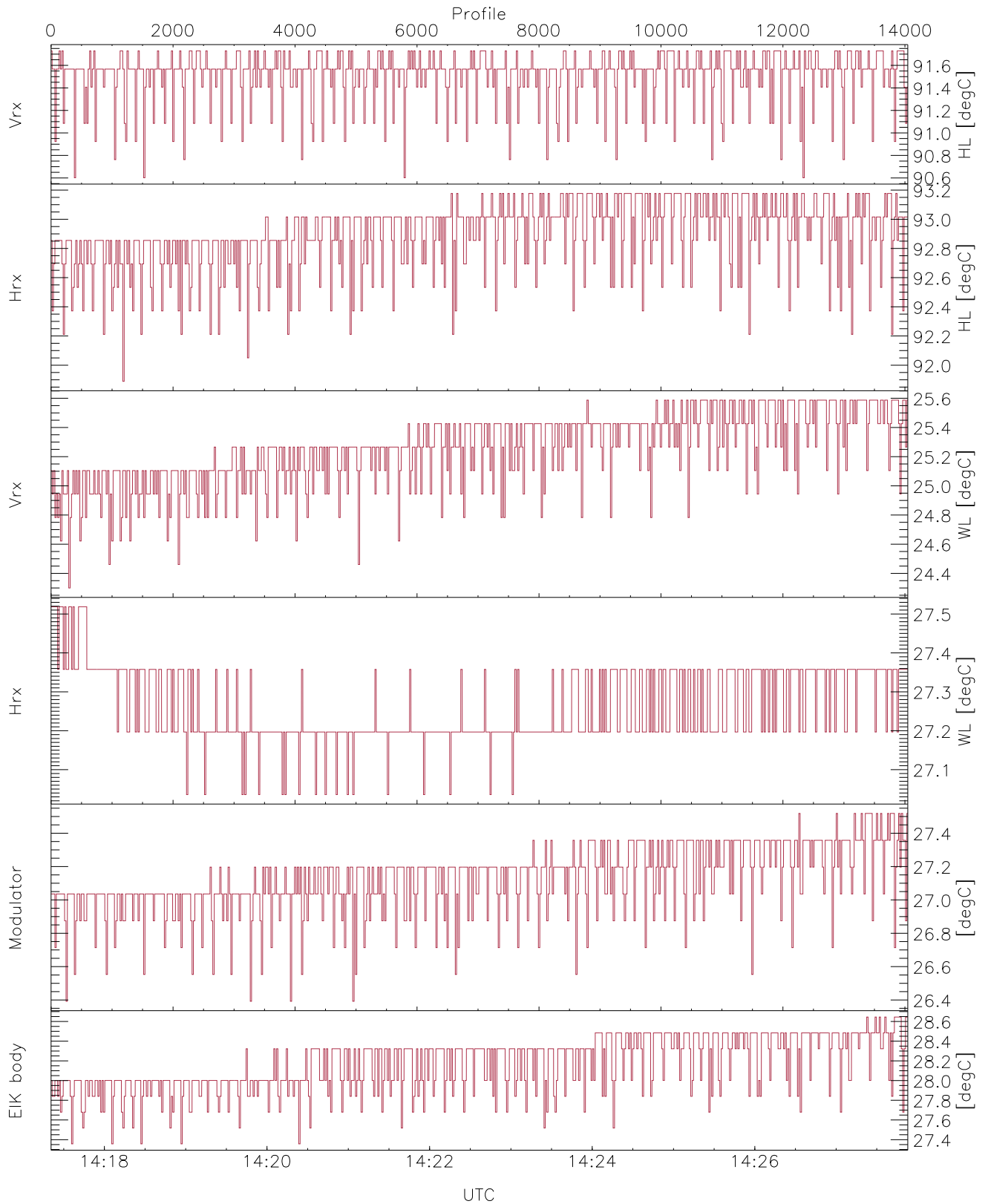


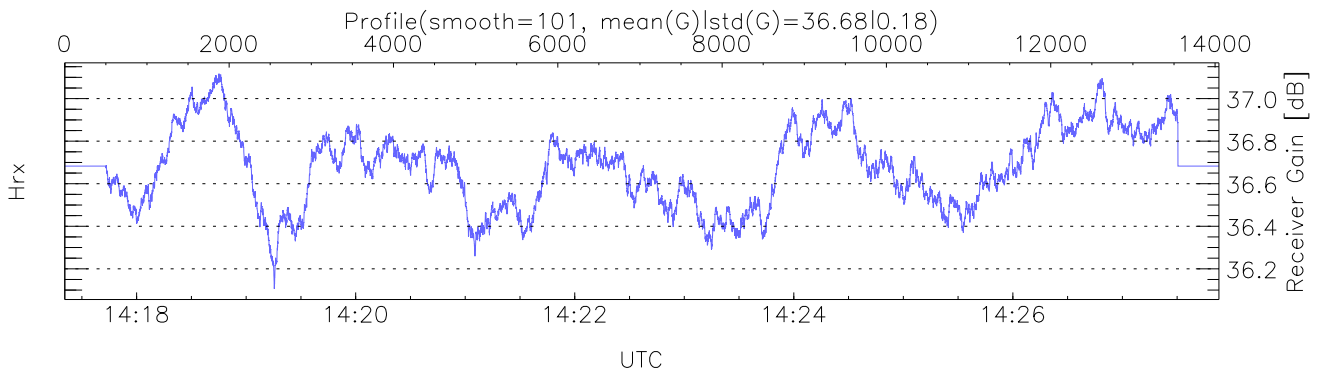
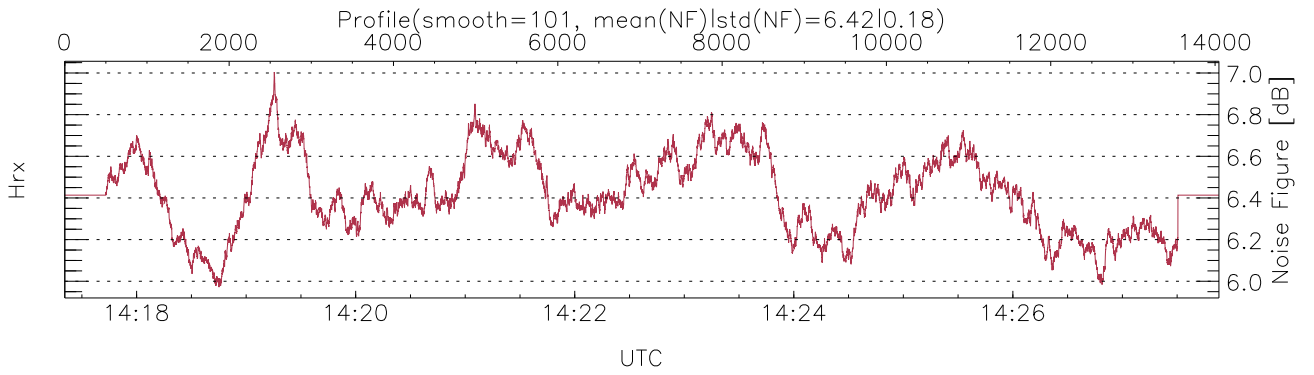
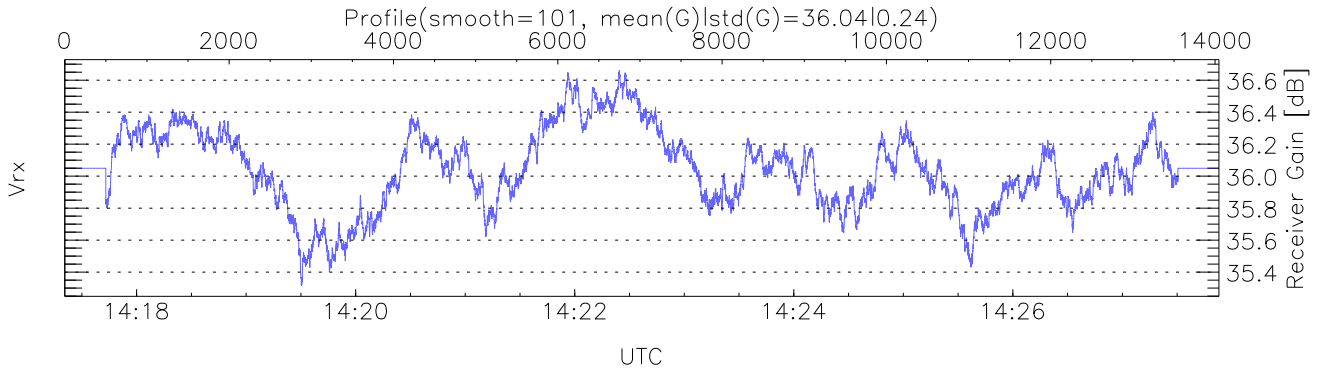
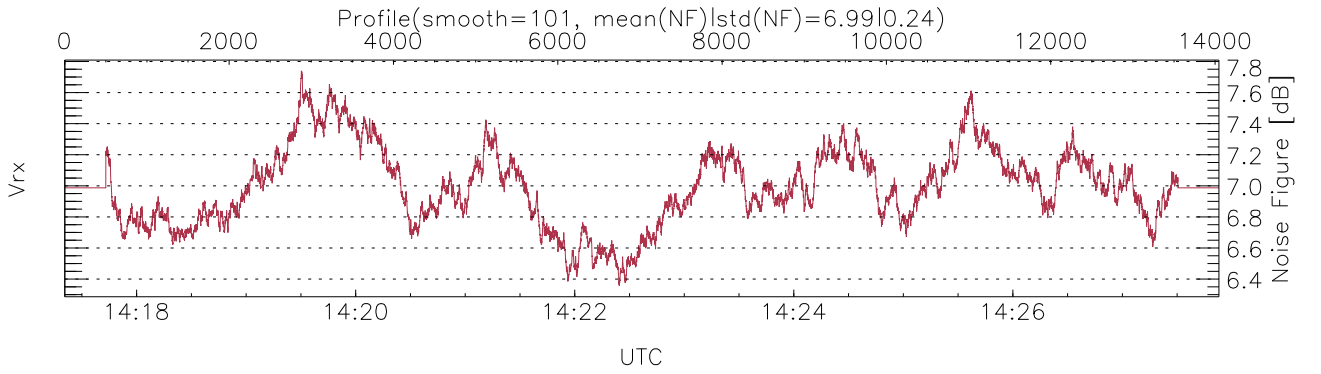
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:17:21-14:27:53, TimeCor: 0.00s, Dur: 632.27s  
 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): 14048/14048, 0-14047/14:17:21-14:27:53  
 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 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



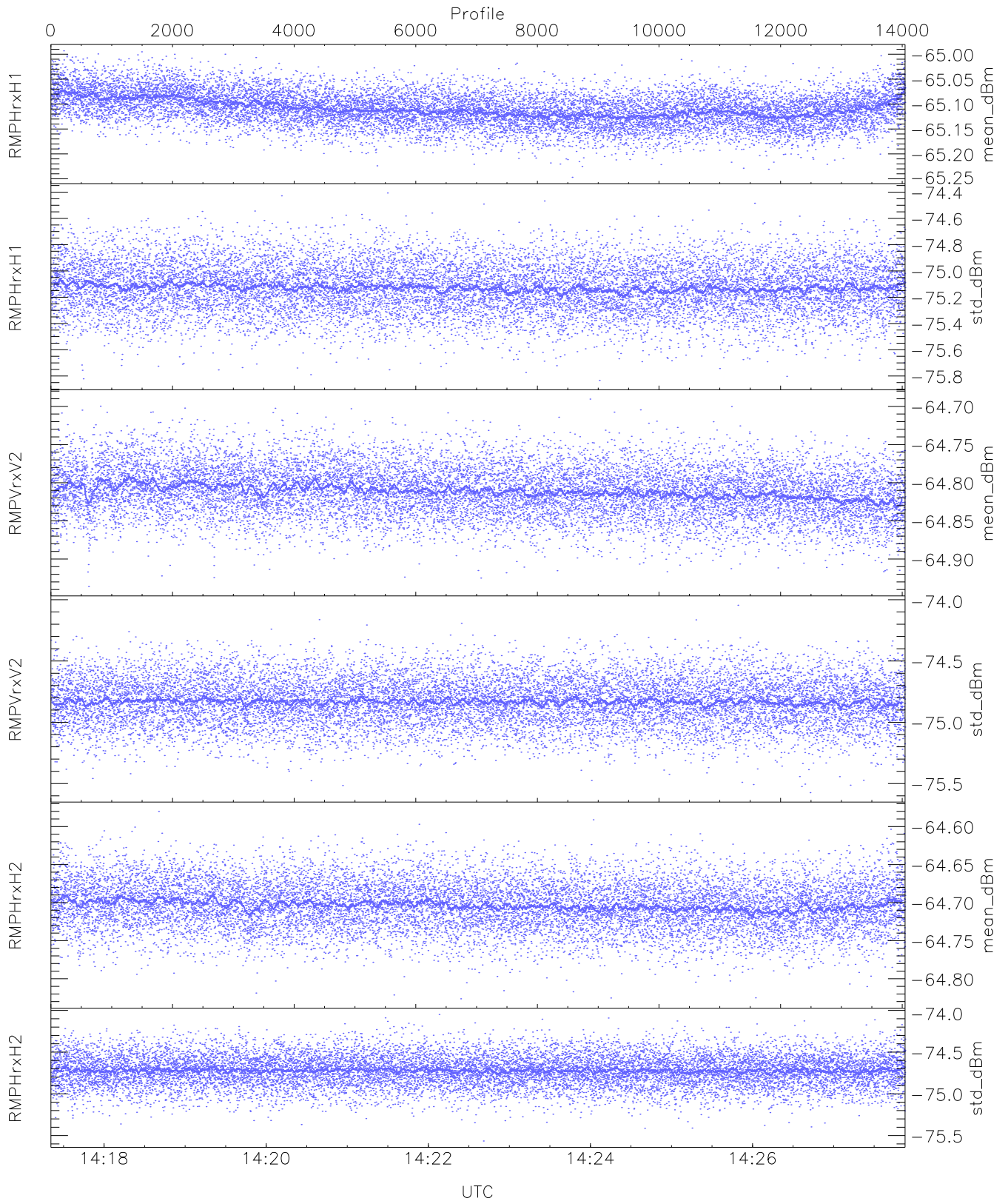
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,24,27,26,27`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,27,27,28`  
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`  
`EIK/Modulator Faults: None`



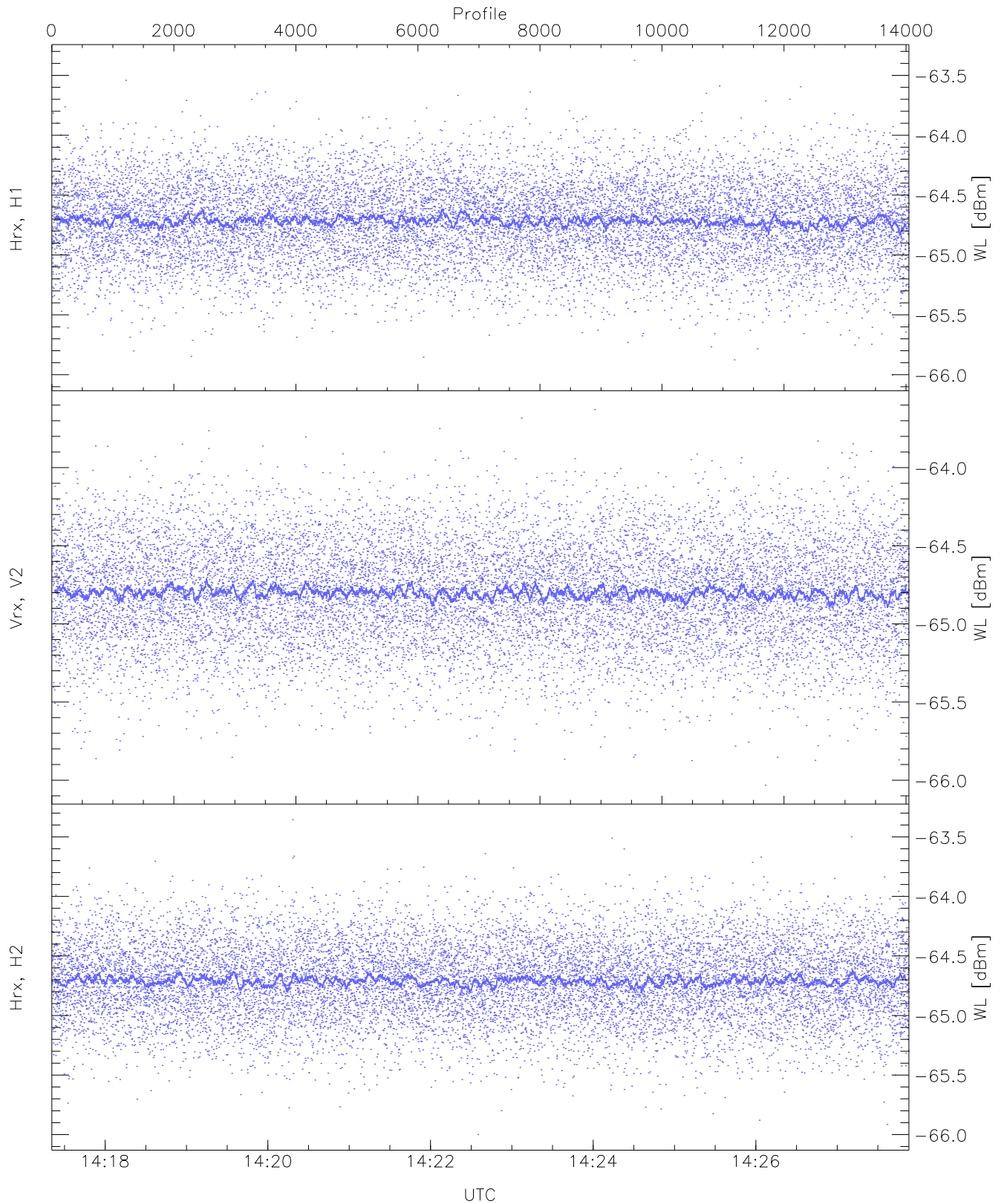
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 7 pixs, 2 gates, 7 profs, 1 prod(s)



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

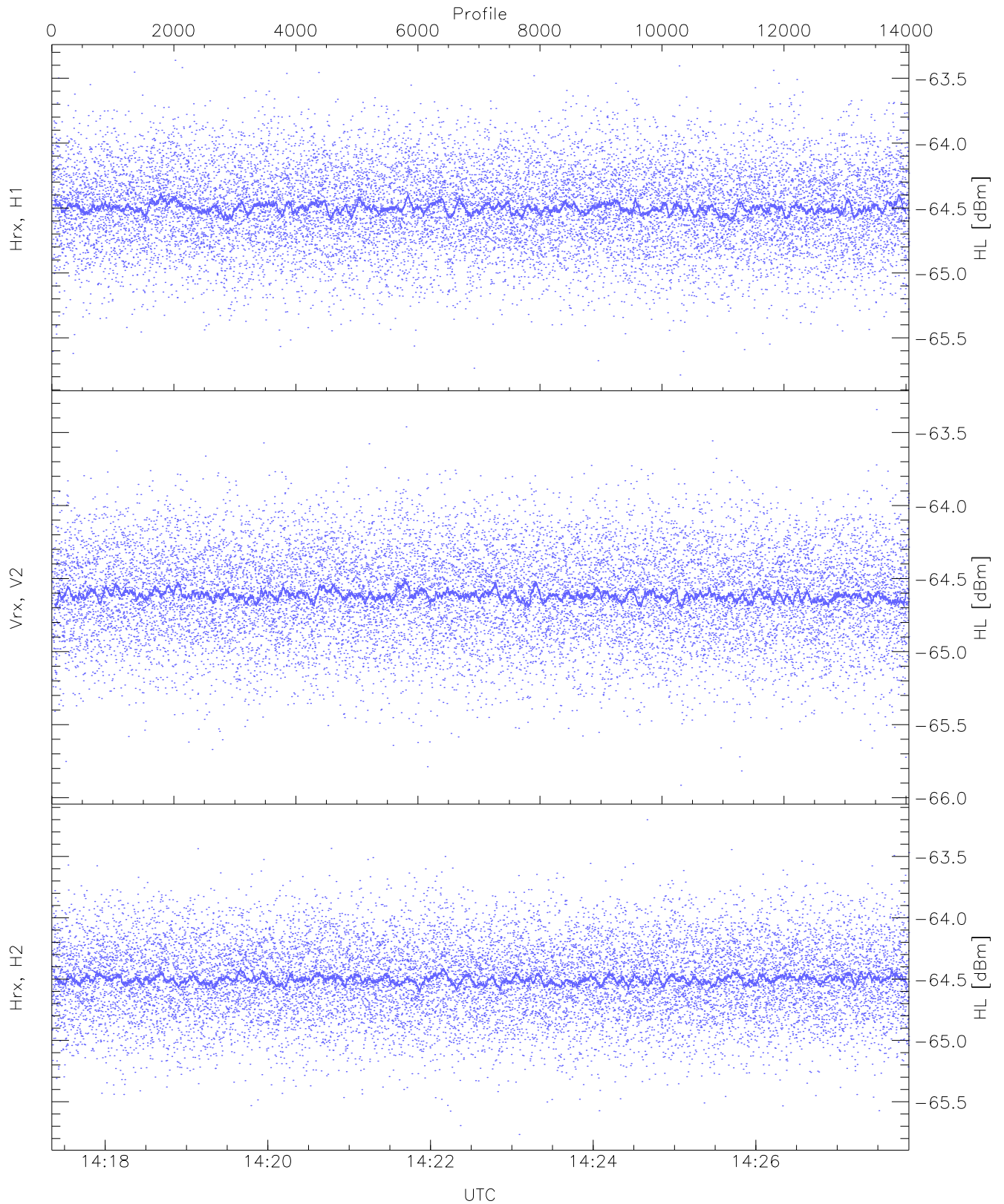
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.25	-64.99	-65.11	-65.11	-86.30
RMPHrxH1(std_dBm)	-75.83	-74.41	-75.13	-75.13	-88.89
RMPVrxV2(mean_dBm)	-64.94	-64.69	-64.81	-64.81	-86.24
RMPVrxV2(std_dBm)	-75.57	-74.05	-74.83	-74.83	-88.57
RMPHrxH2(mean_dBm)	-64.83	-64.58	-64.70	-64.70	-86.29
RMPHrxH2(std_dBm)	-75.57	-74.05	-74.72	-74.72	-88.54



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

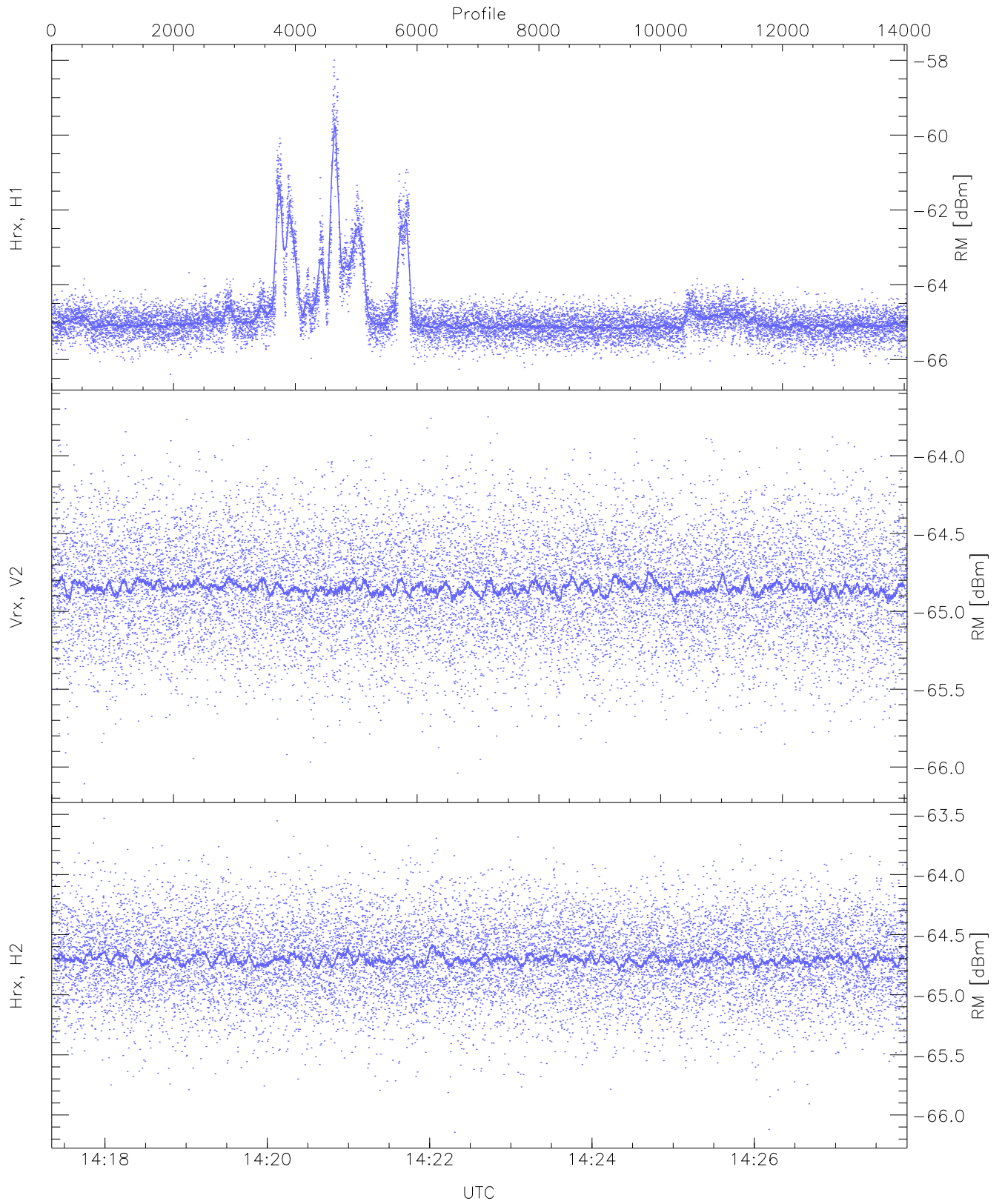
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.00	-63.37	-64.71	-64.71	-76.21
Vrx, V2 (WL [dBm])	-66.03	-63.63	-64.79	-64.80	-76.35
Hrx, H2 (WL [dBm])	-66.00	-63.36	-64.70	-64.71	-76.23





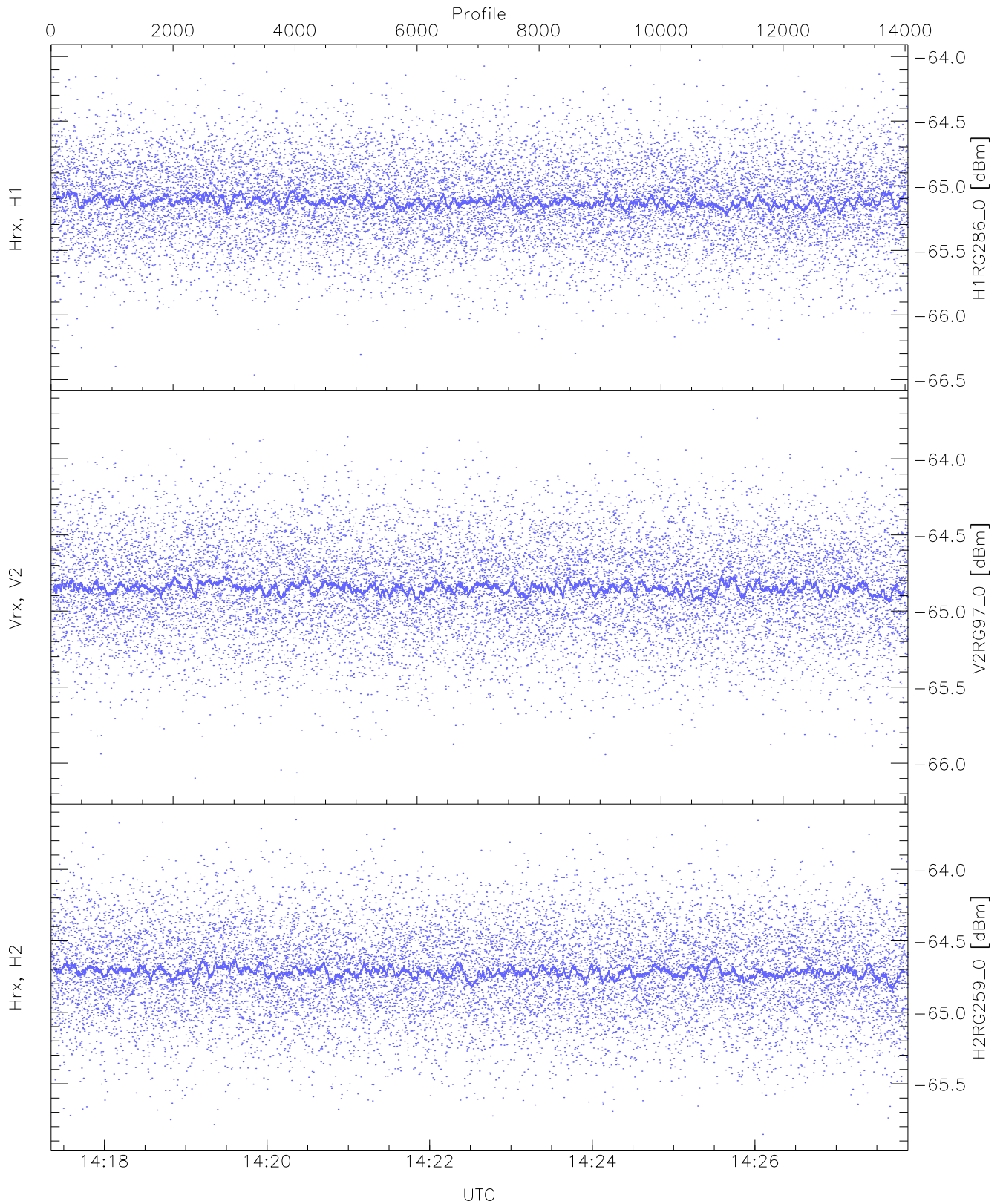
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.79	-63.36	-64.49	-64.50	-75.94
Vrx, V2 (HL [dBm])	-65.91	-63.34	-64.61	-64.61	-76.14
Hrx, H2 (HL [dBm])	-65.77	-63.20	-64.49	-64.50	-76.02



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

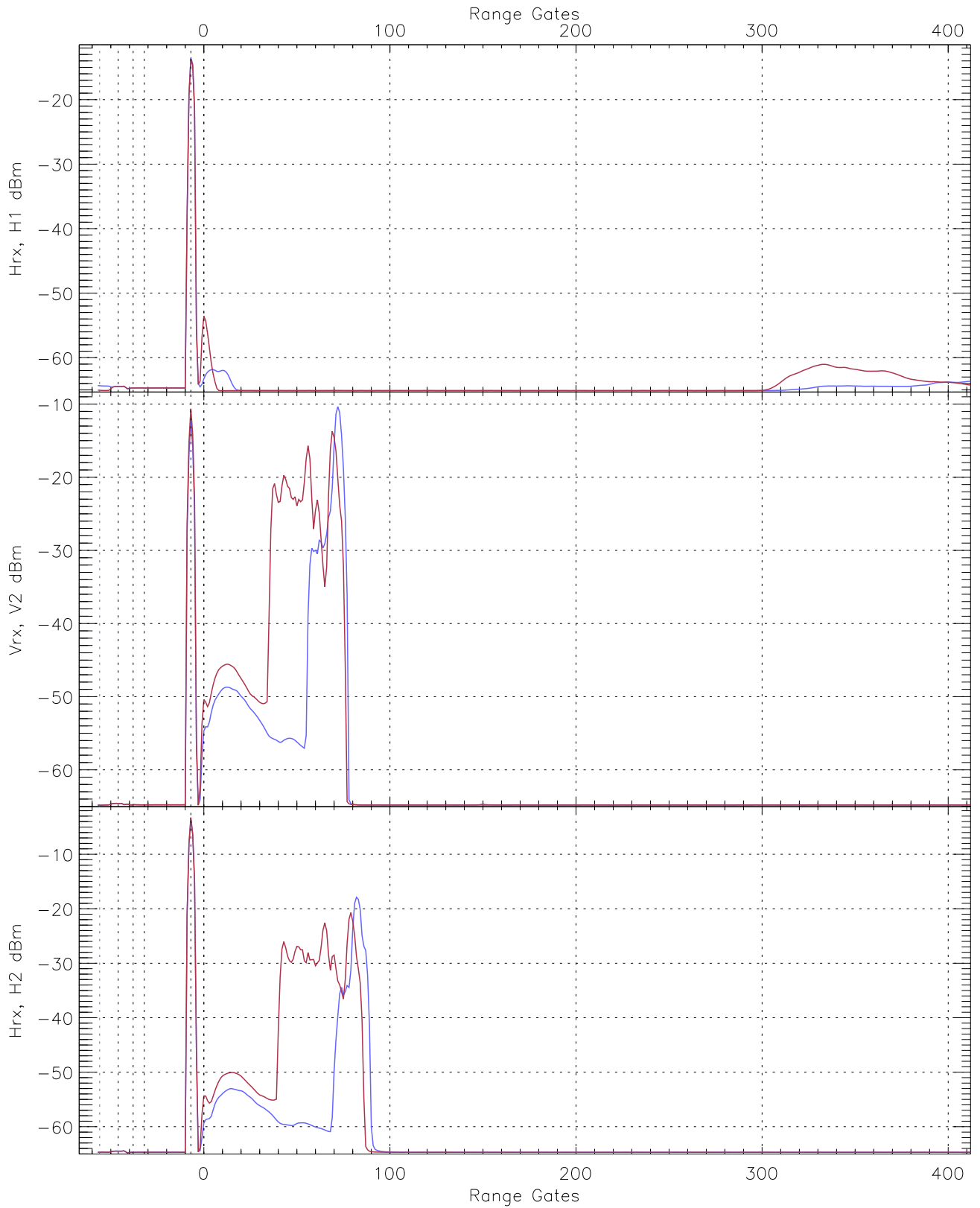
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.39	-58.00	-64.69	-64.99	-70.08
Vrx, V2 (RM [dBm])	-66.11	-63.70	-64.84	-64.85	-76.32
Hrx, H2 (RM [dBm])	-66.14	-63.53	-64.70	-64.70	-76.23



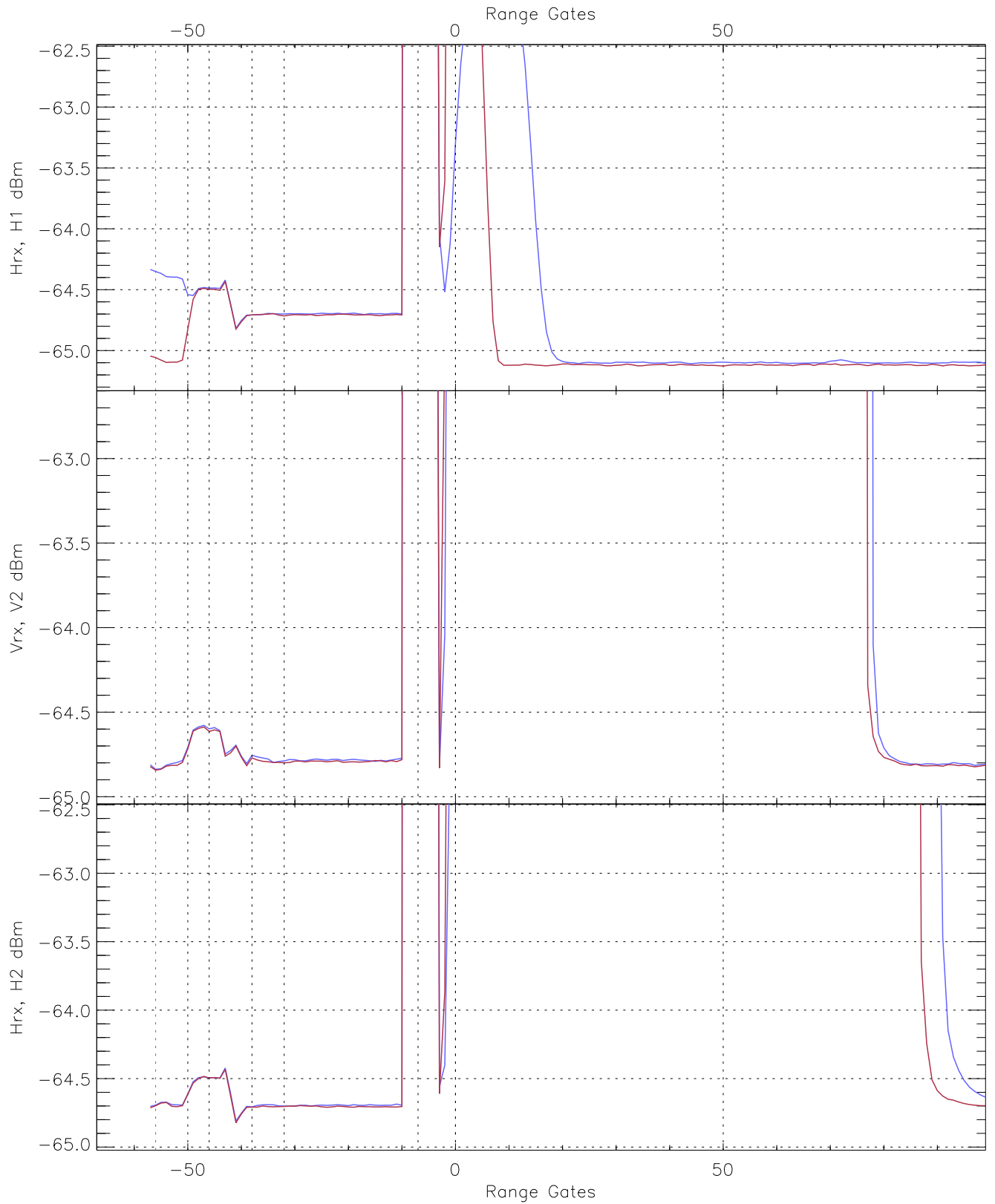
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG286_0 [dBm]	-66.46	-64.03	-65.12	-65.12	-76.58
V2RG97_0 [dBm]	-66.15	-63.68	-64.84	-64.85	-76.36
H2RG259_0 [dBm]	-65.85	-63.65	-64.71	-64.72	-76.25

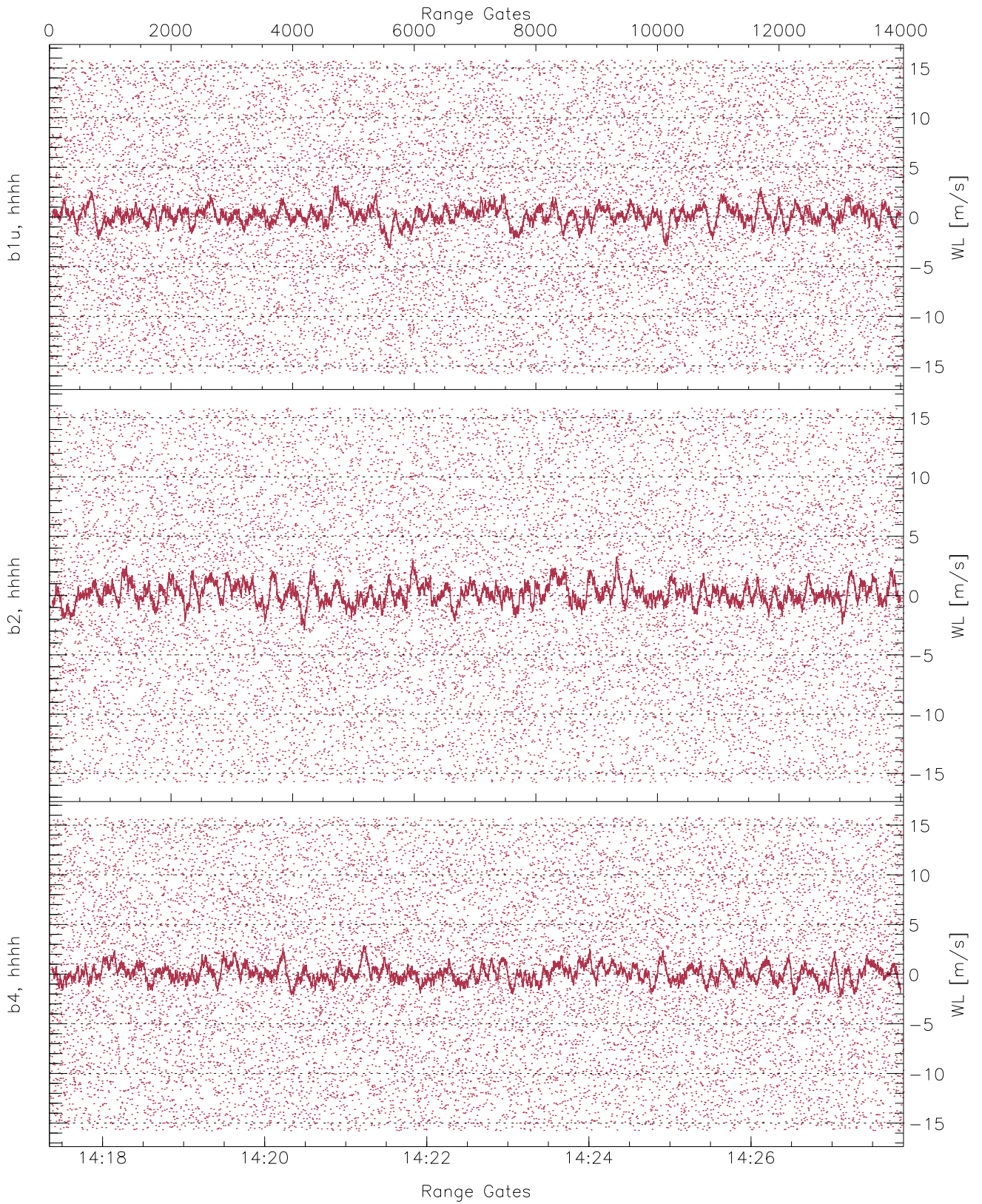




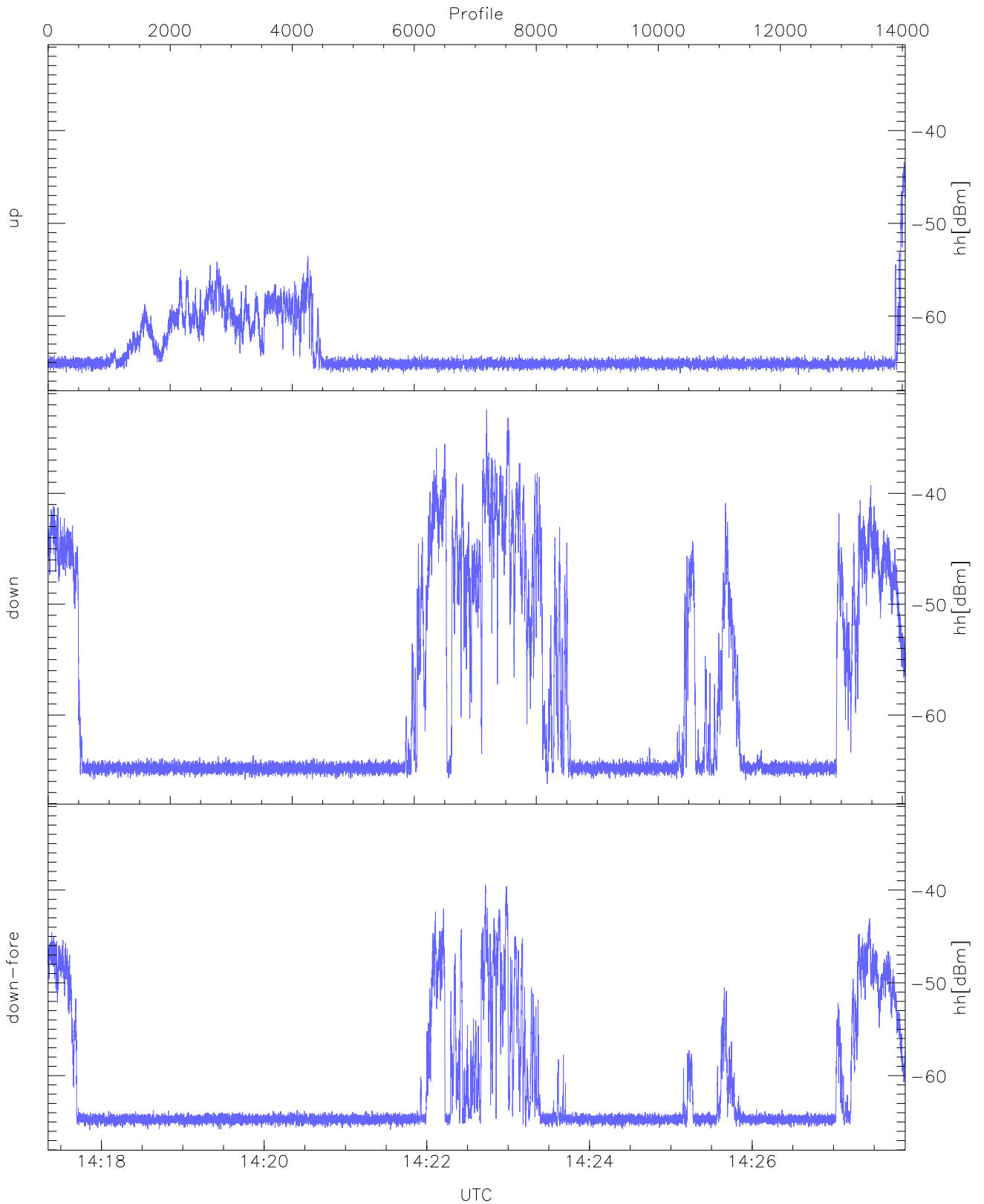
WCR3 CPP Averaged Received power for all recorded gates  
blue: 141721-142237, 7025 profiles averaged  
red: 142237-142753, 7024 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 141721-142237, 7025 profiles averaged  
red: 142237-142753, 7024 profiles averaged

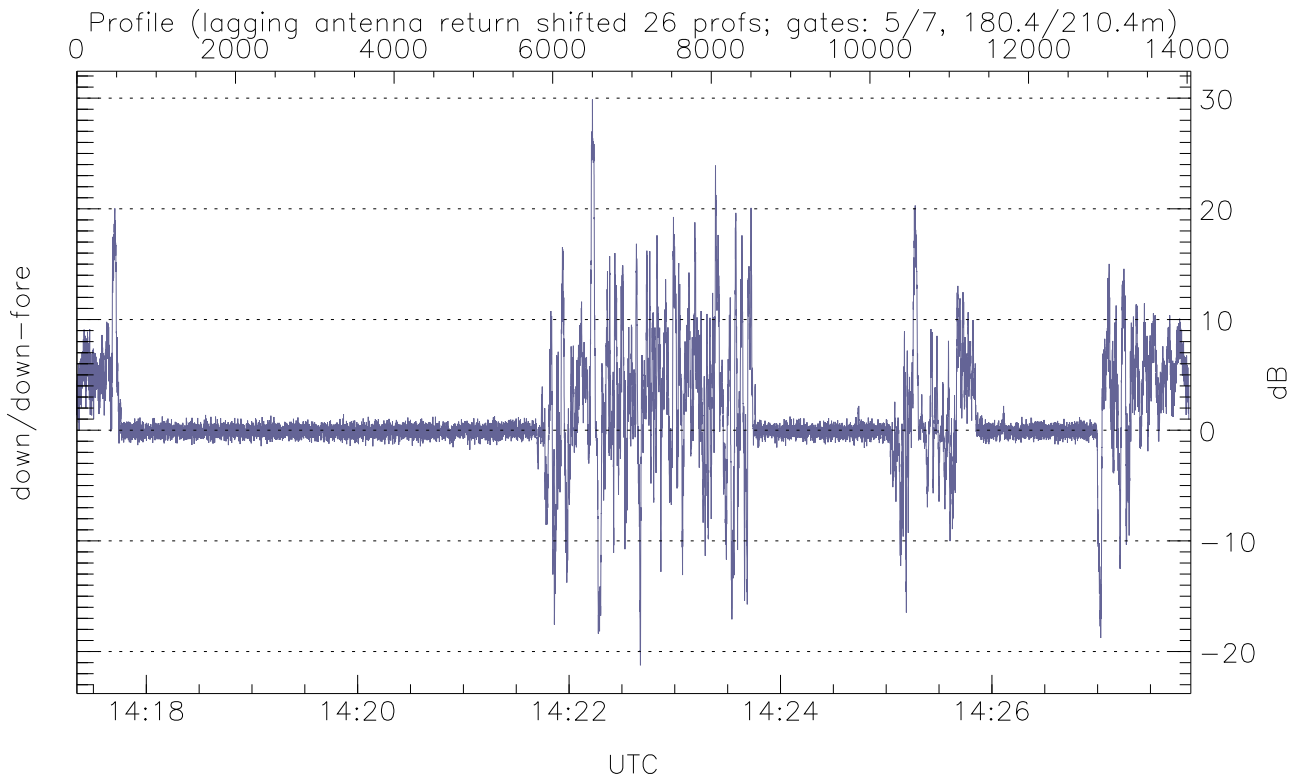
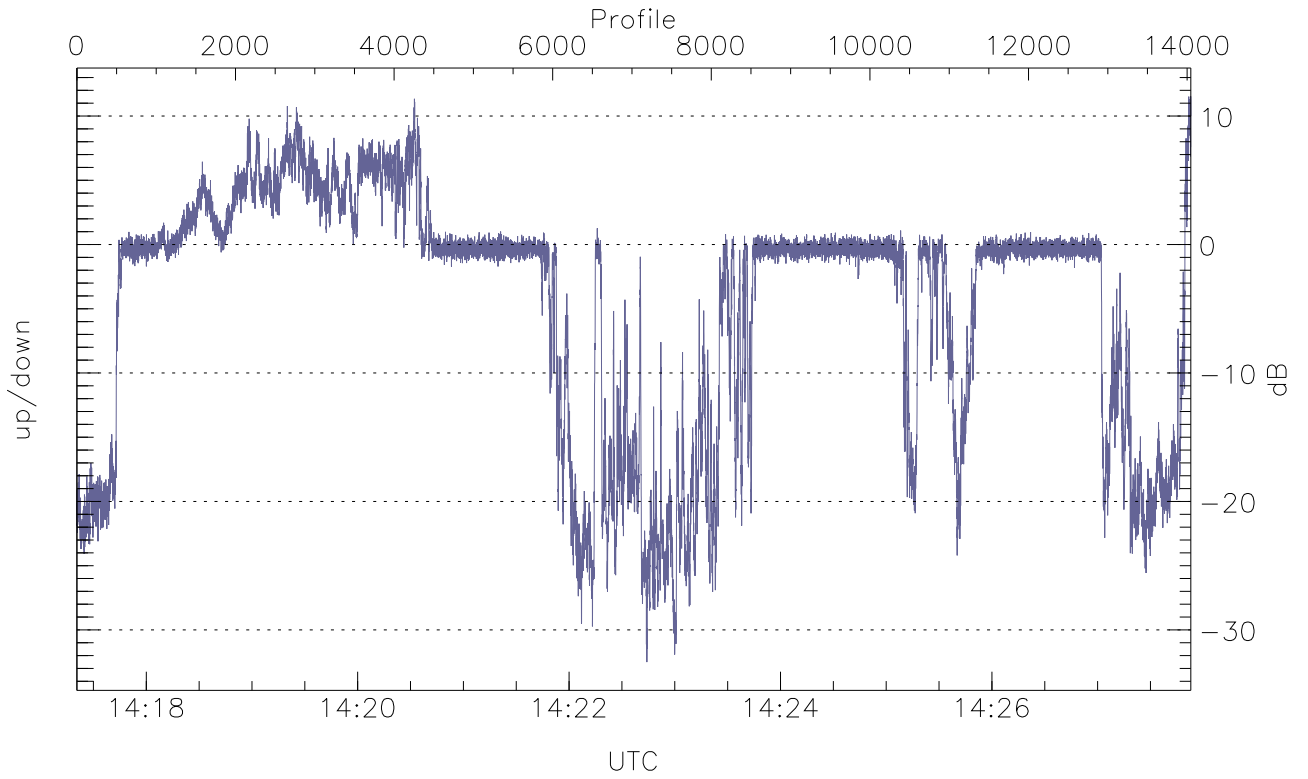


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

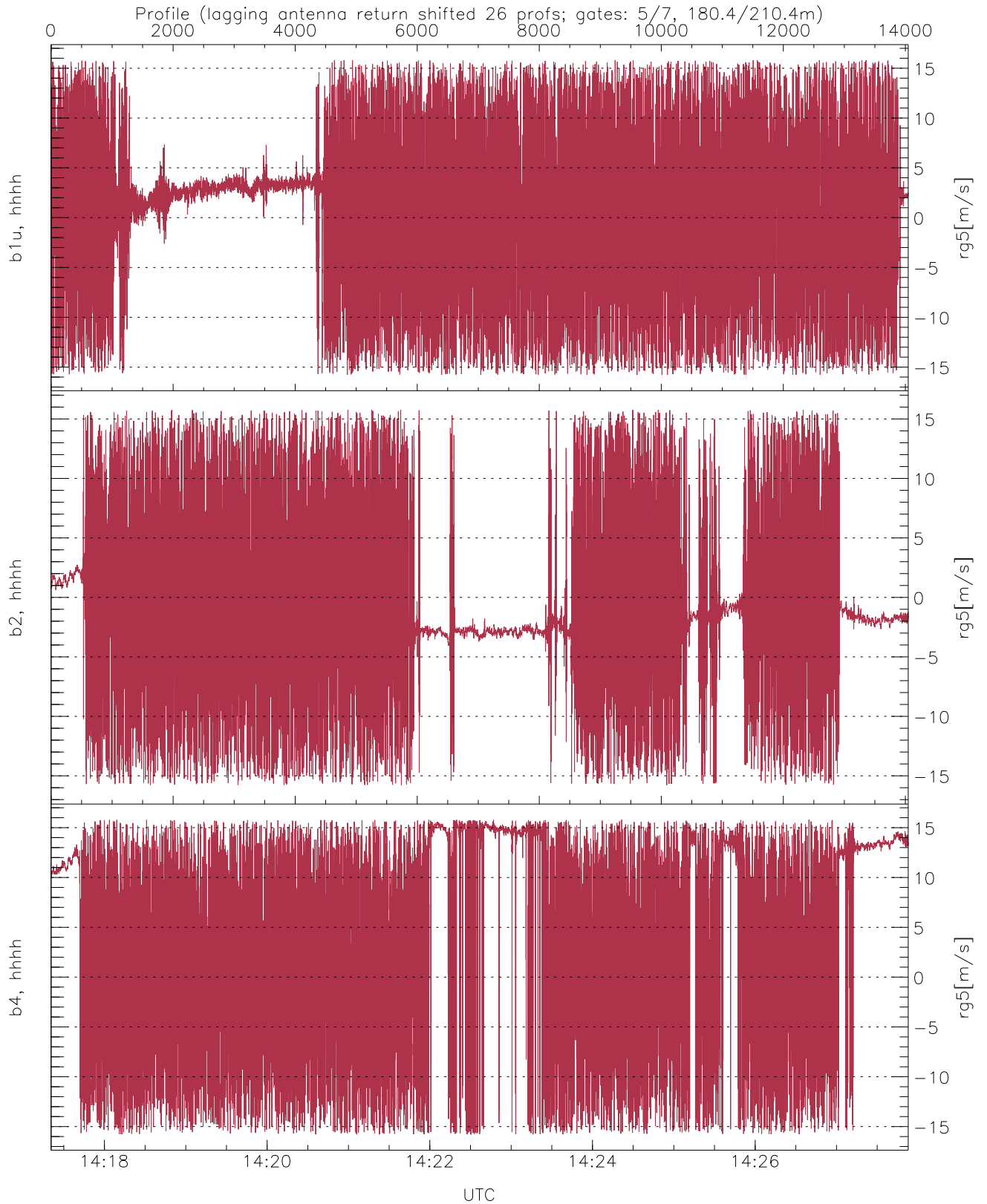
	Min	Max	Mean
up(hh[dBm])	-66.34	-43.41	-62.17
down(hh[dBm])	-66.20	-32.43	-49.56
down-fore(hh[dBm])	-65.87	-39.42	-55.51



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

	Min	Max	Mean
up/down (dB)	-32.50	11.54	-4.57
down/down-fore (dB)	-21.24	29.88	1.13





WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.61	7.61
b2, hhhh(rg5[m/s])	-15.78	15.77	-0.67	6.79
b4, hhhh(rg5[m/s])	-15.79	15.79	3.46	9.71