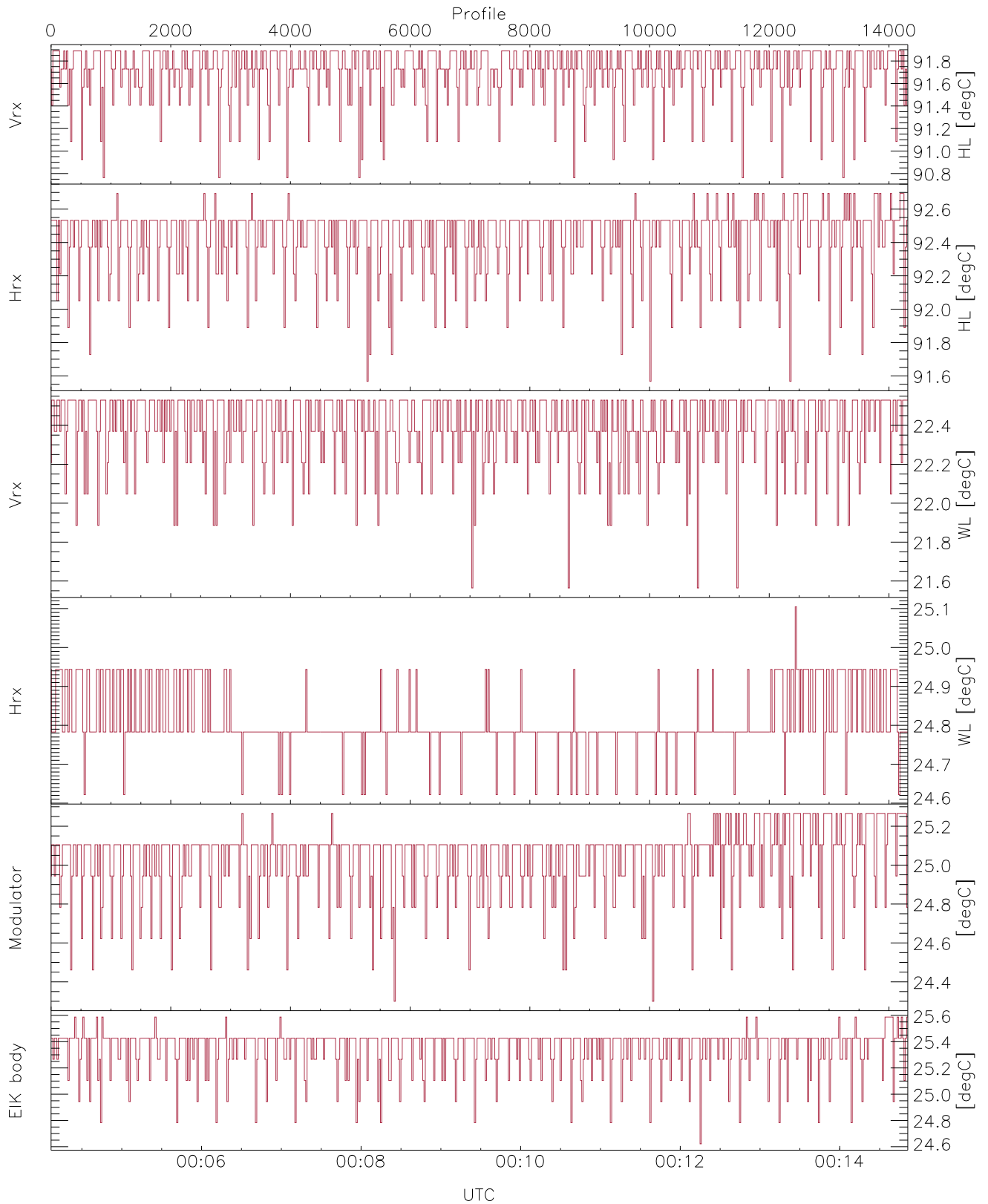


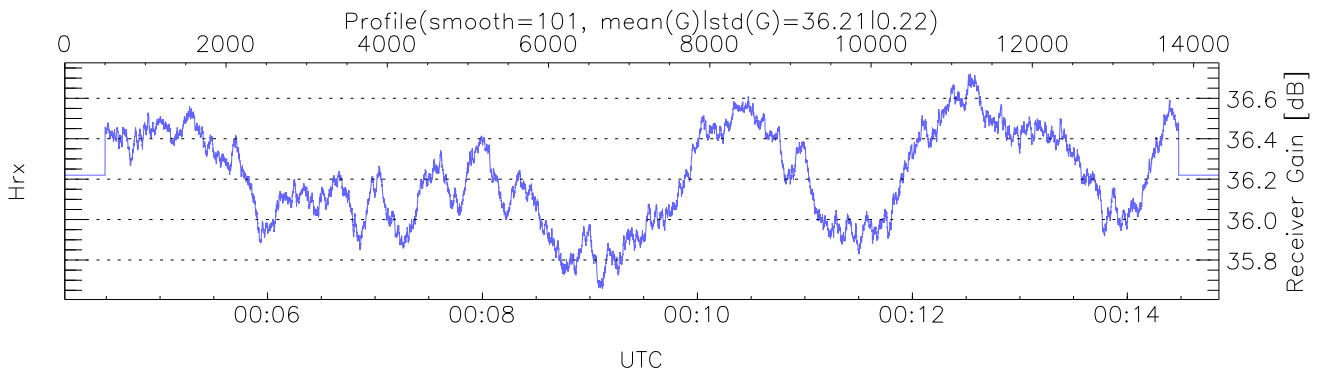
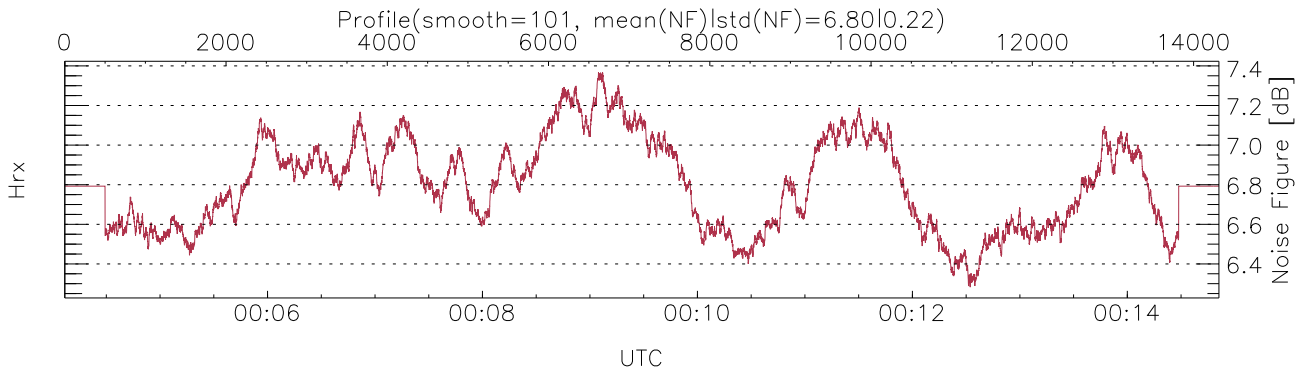
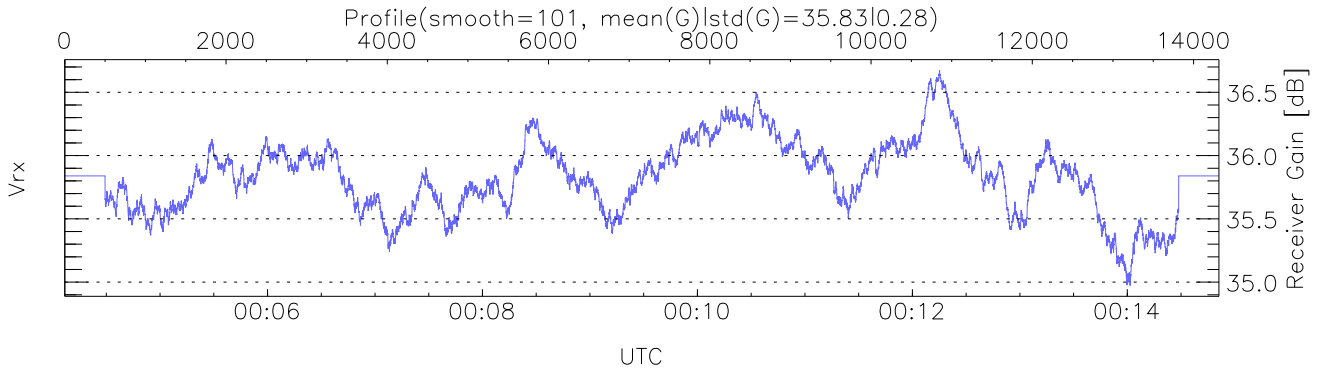
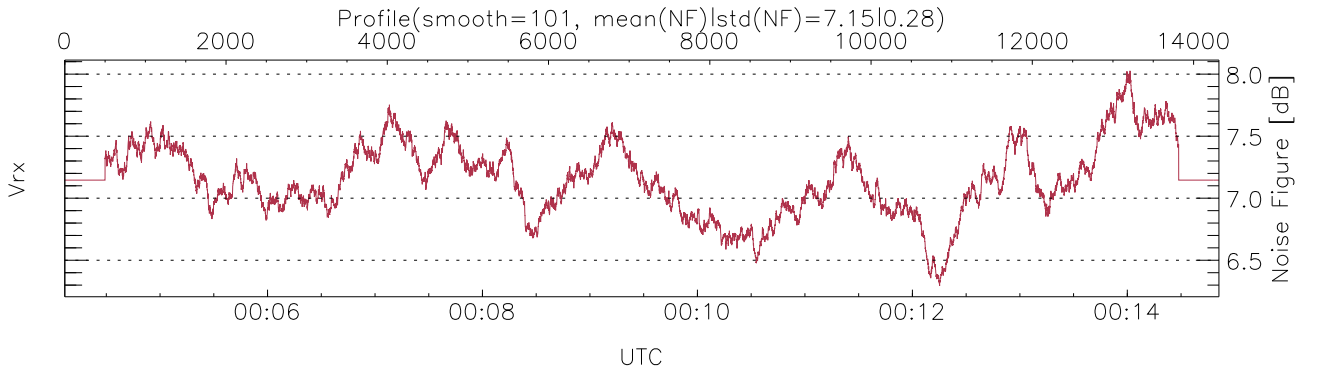
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:04:07-00:14:51, TimeCor: 0.00s, Dur: 644.34s  
 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): 14316/14316, 0-14315/00:04:07-00:14:51  
 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



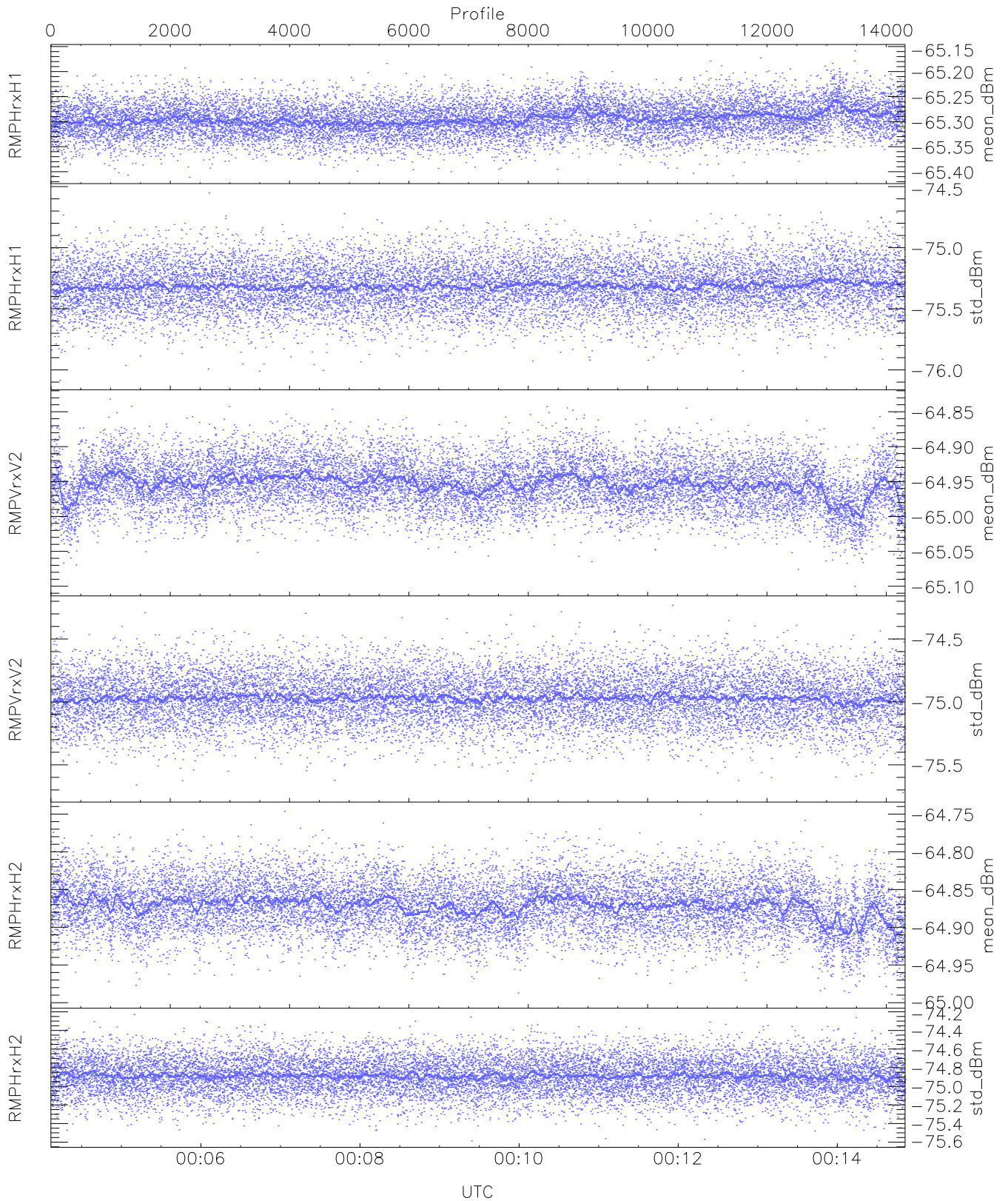
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



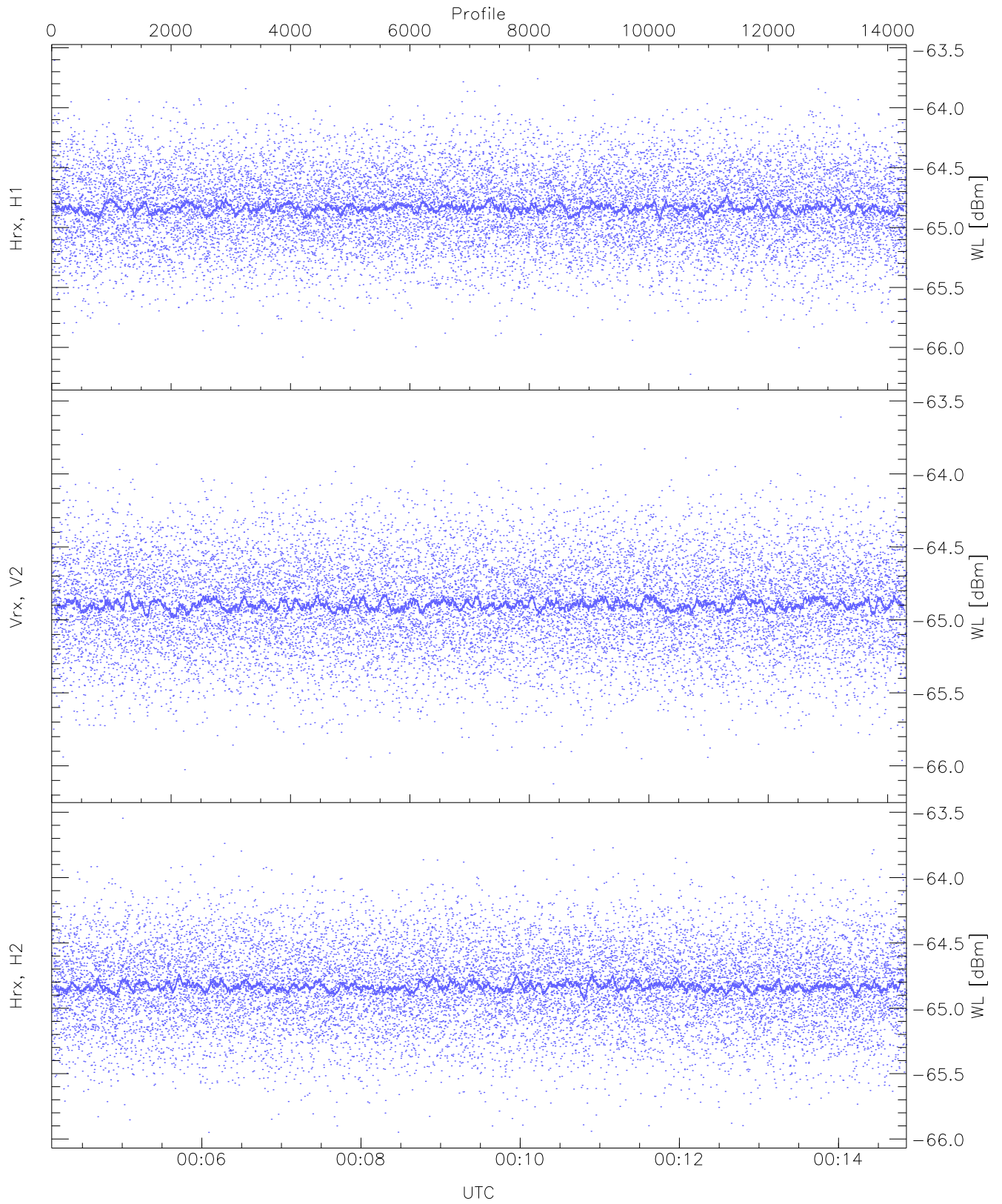
### WCR3 CPP Receivers Gain and Noise Figure

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



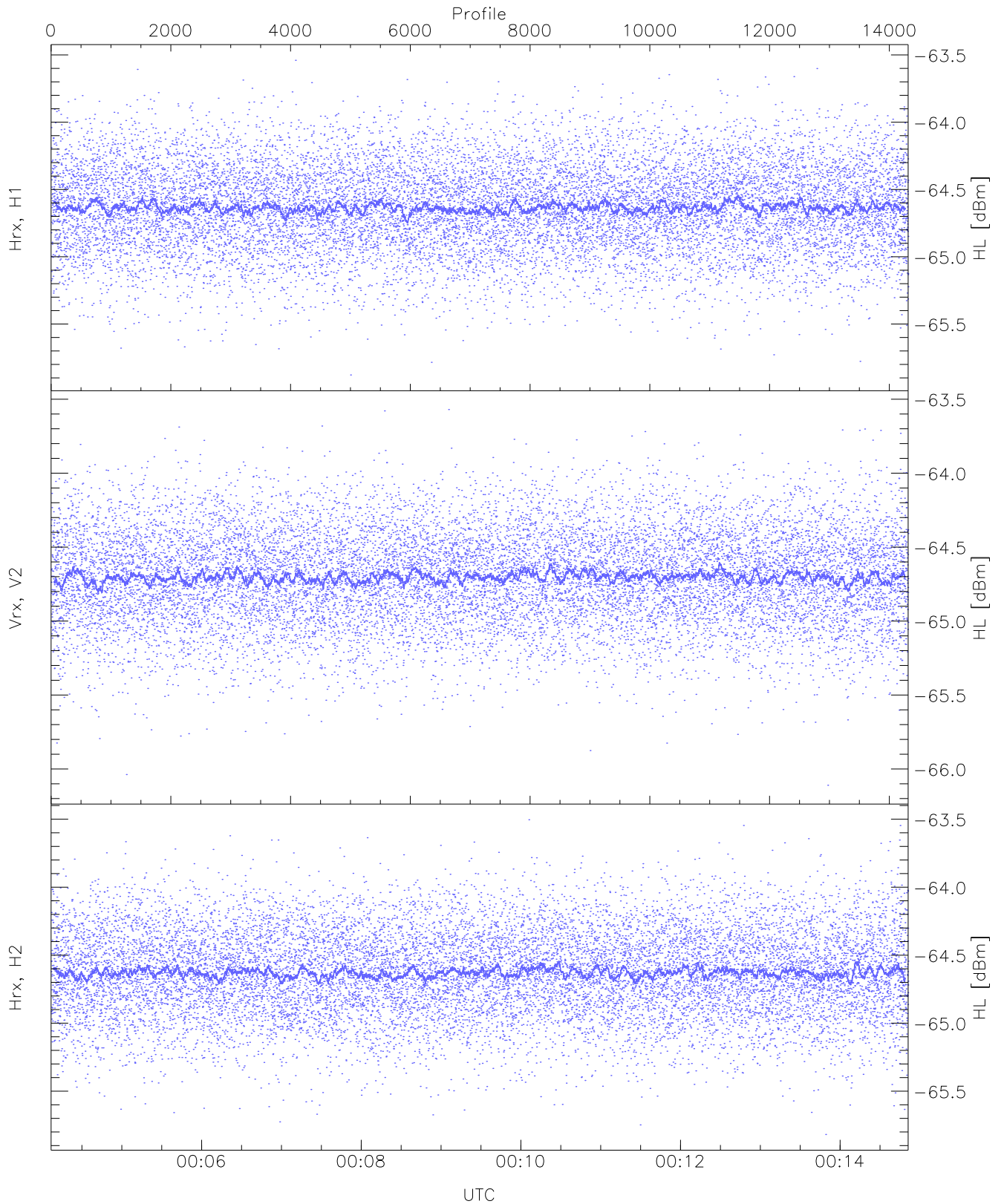
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.41	-65.16	-65.29	-65.30	-86.71
RMPHrxH1 (std_dBm)	-76.09	-74.55	-75.31	-75.31	-89.08
RMPVrxV2 (mean_dBm)	-65.10	-64.83	-64.95	-64.95	-86.16
RMPVrxV2 (std_dBm)	-75.72	-74.23	-74.97	-74.97	-88.72
RMPHrxH2 (mean_dBm)	-64.99	-64.75	-64.87	-64.87	-86.21
RMPHrxH2 (std_dBm)	-75.59	-74.23	-74.89	-74.89	-88.65



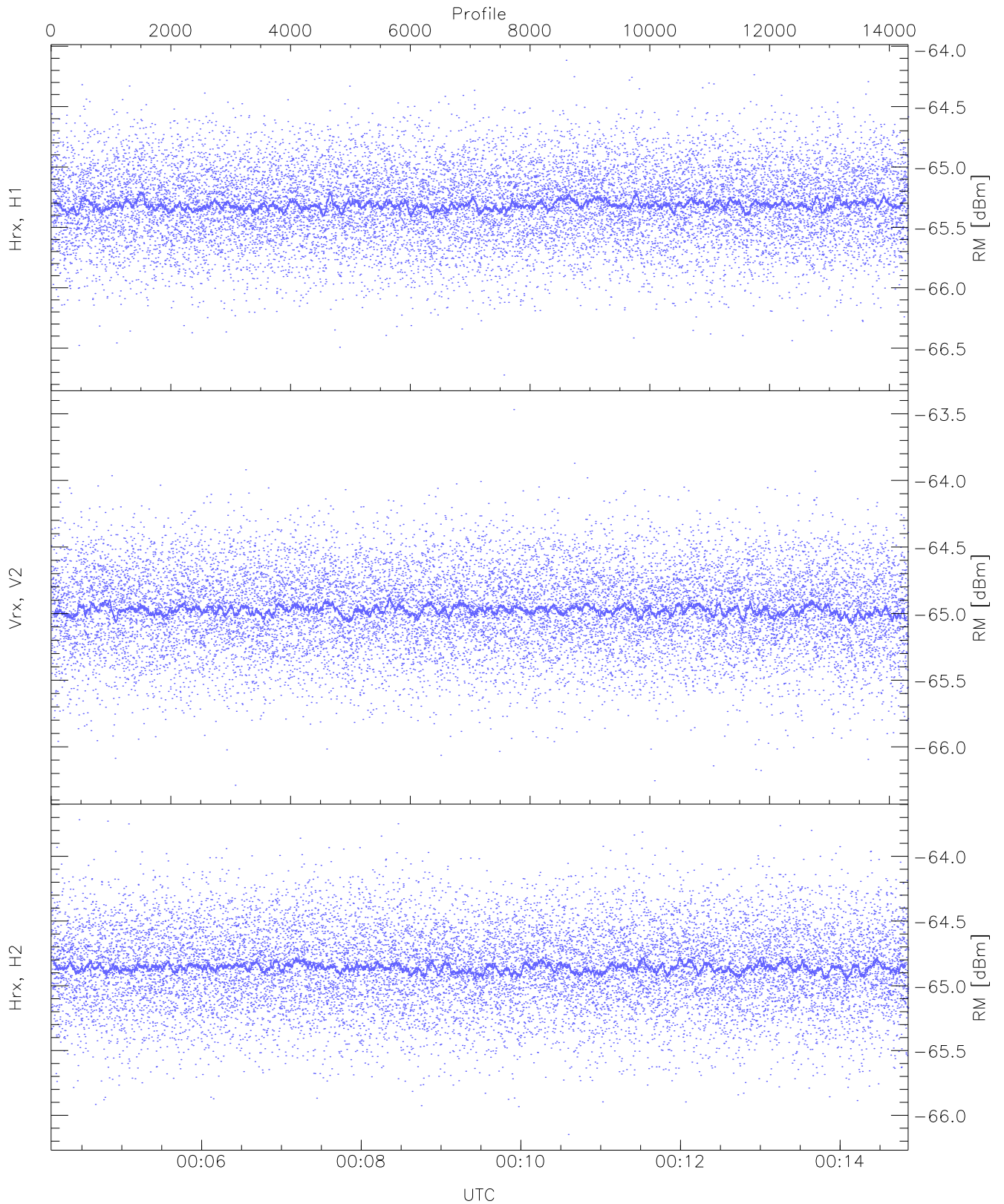
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.22	-63.60	-64.83	-64.83	-76.29
Vrx, V2 (WL [dBm])	-66.12	-63.55	-64.89	-64.90	-76.40
Hrx, H2 (WL [dBm])	-65.95	-63.55	-64.82	-64.83	-76.34



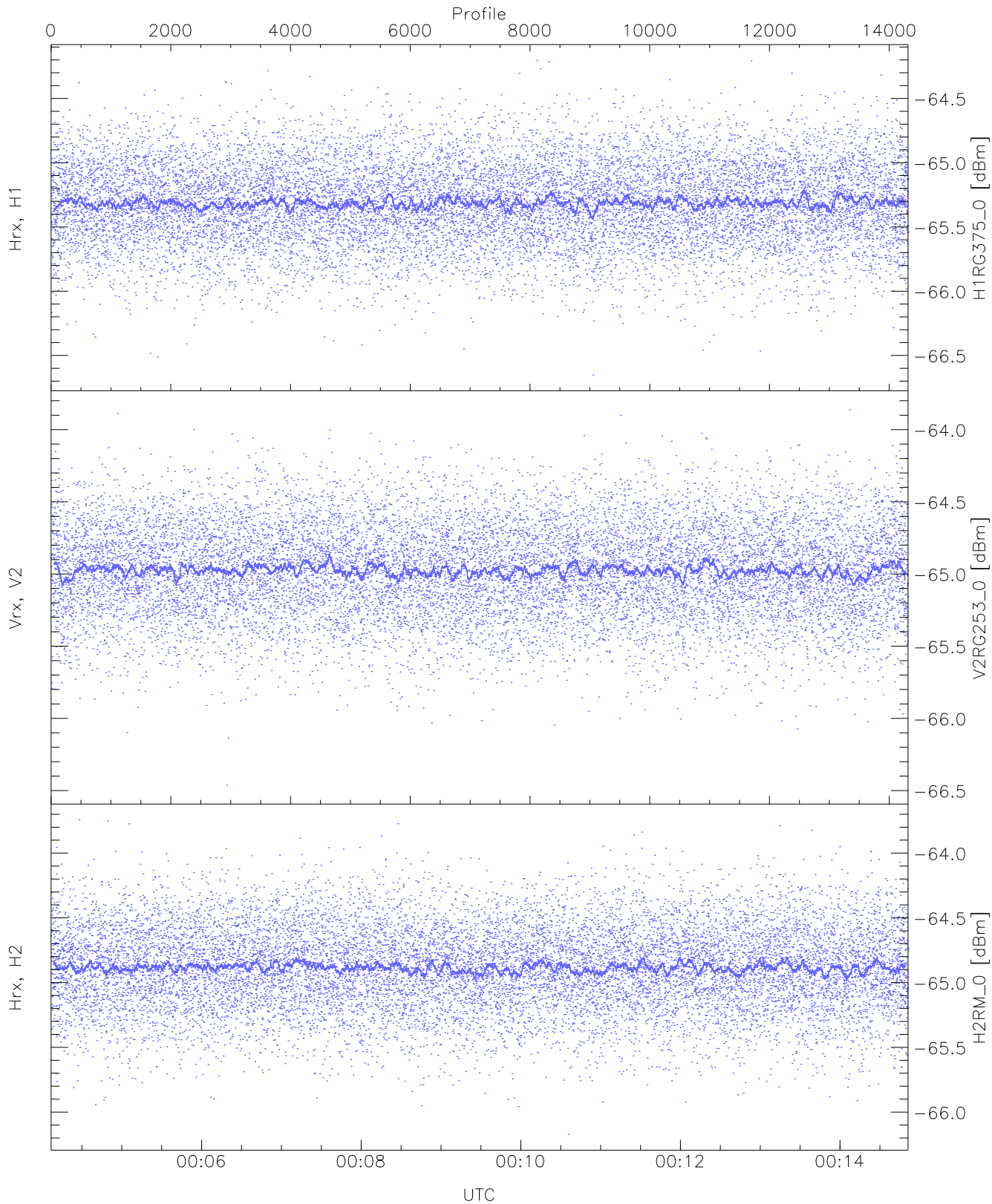
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.88	-63.54	-64.63	-64.63	-76.14
Vrx, V2 (HL [dBm])	-66.11	-63.57	-64.70	-64.70	-76.27
Hrx, H2 (HL [dBm])	-65.82	-63.50	-64.62	-64.63	-76.19



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

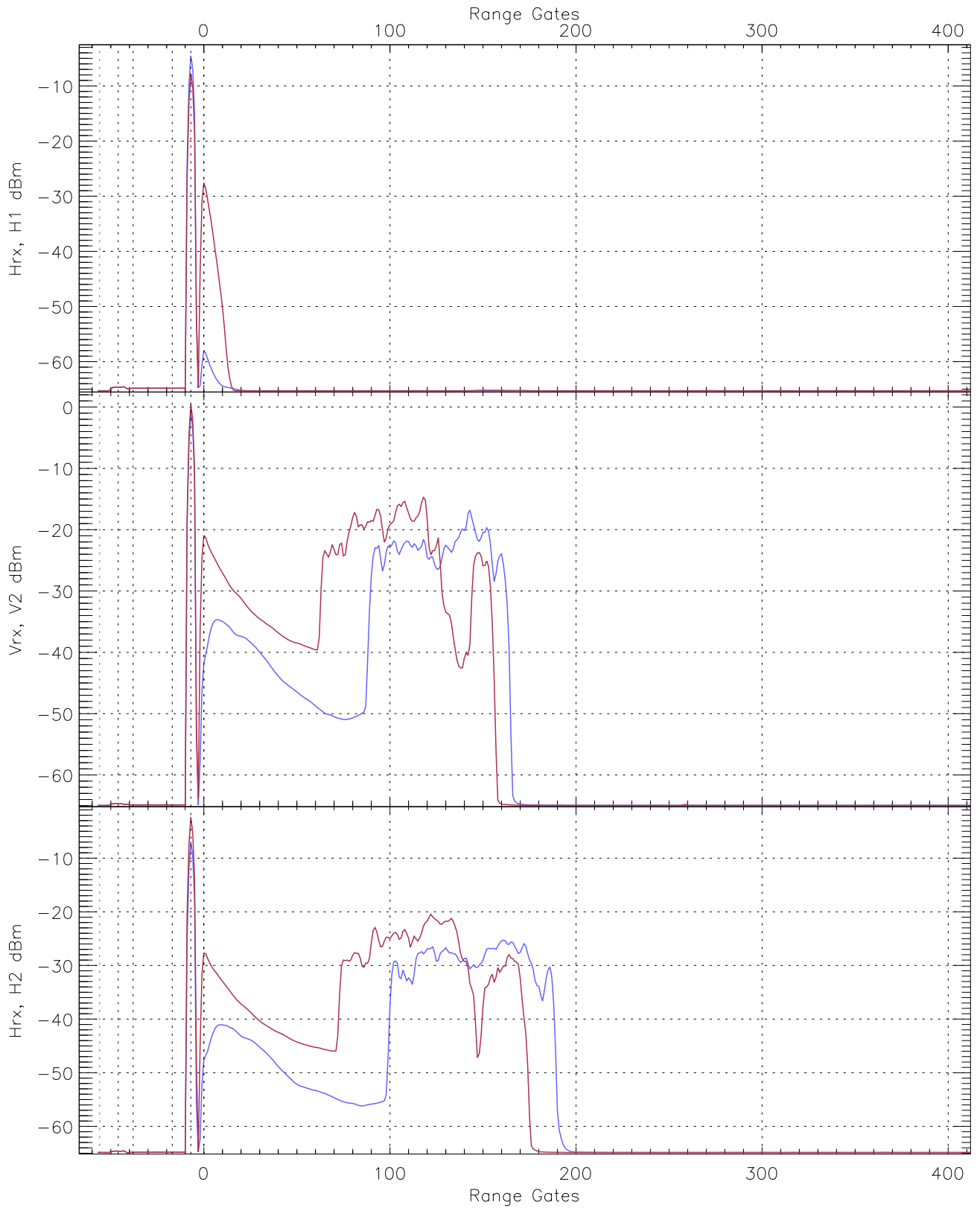
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.72	-64.12	-65.31	-65.31	-76.80
Vrx, V2 (RM [dBm])	-66.29	-63.47	-64.97	-64.97	-76.51
Hrx, H2 (RM [dBm])	-66.15	-63.72	-64.85	-64.86	-76.34



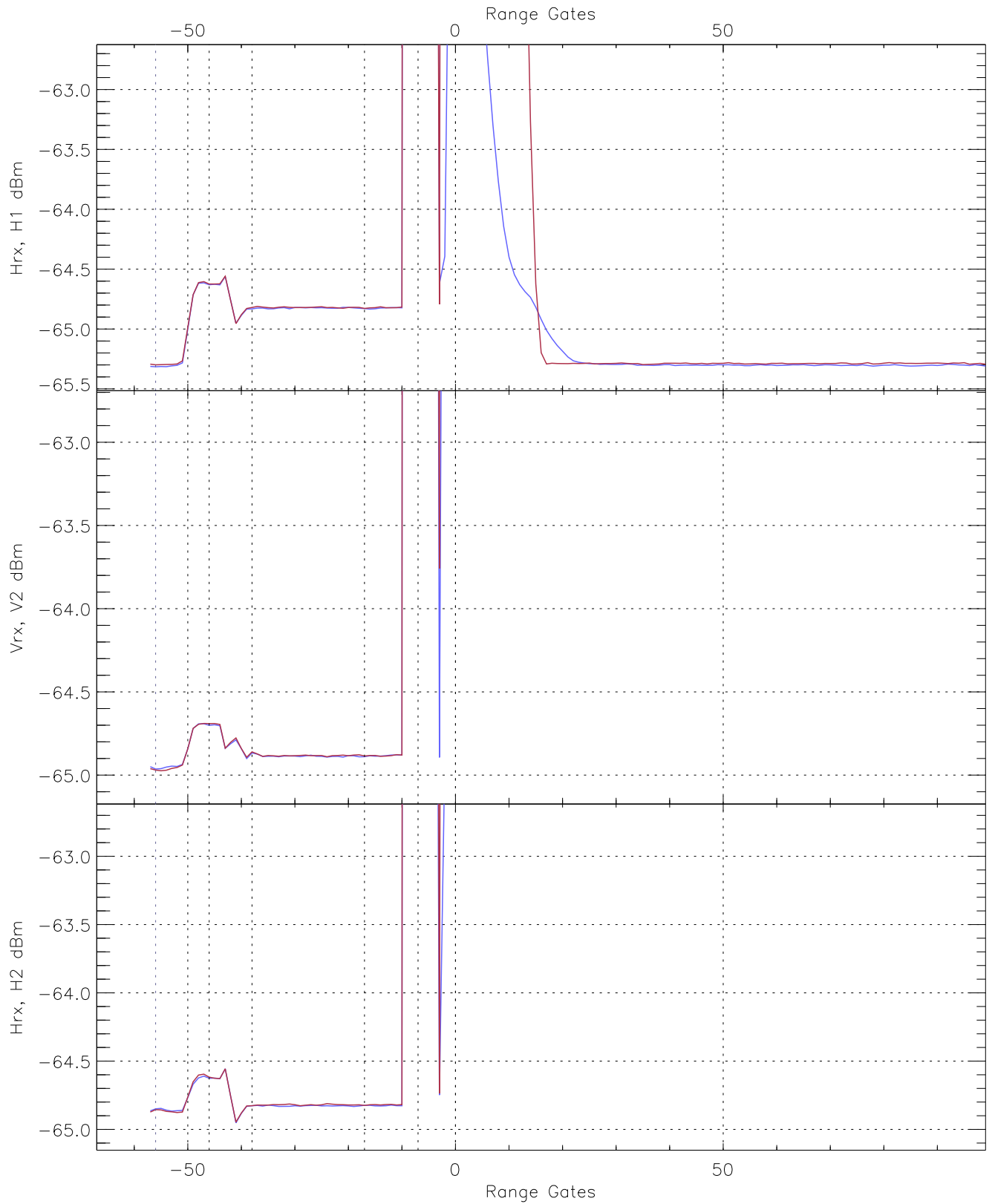
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG375_0 [dBm]	-66.65	-64.20	-65.31	-65.32	-76.82
V2RG253_0 [dBm]	-66.46	-63.86	-64.97	-64.98	-76.46
H2RM_0 [dBm]	-66.17	-63.74	-64.88	-64.88	-76.36

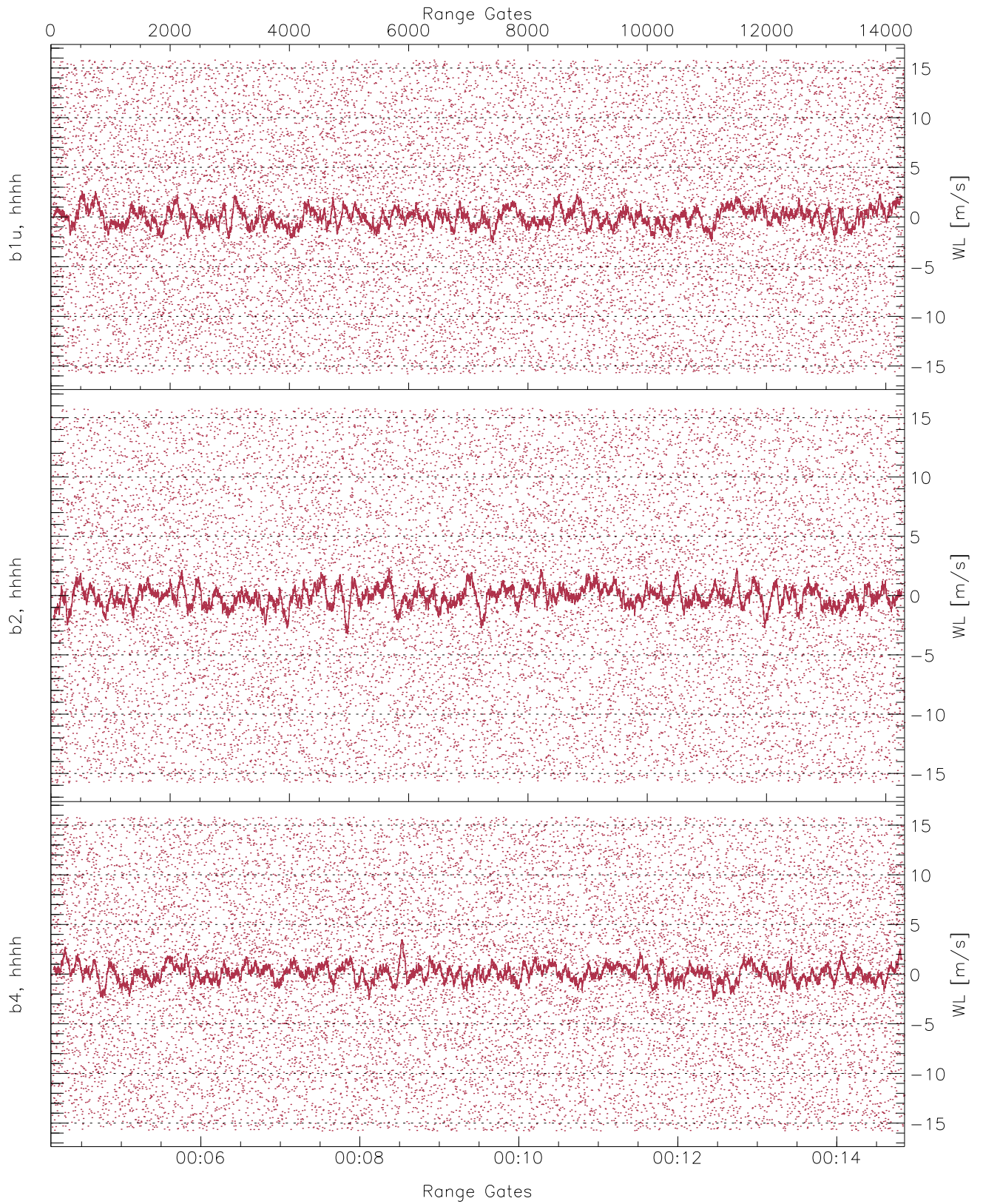




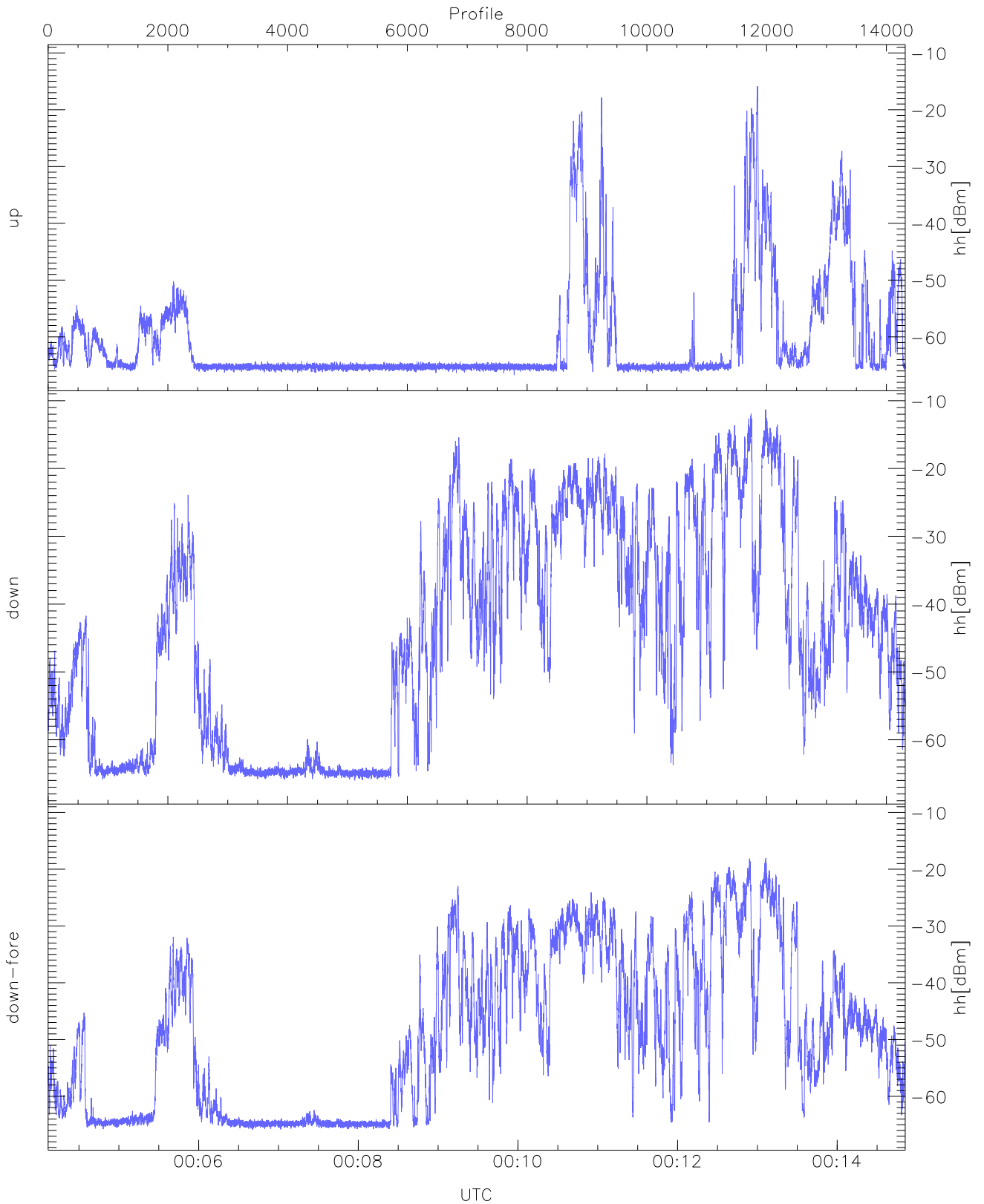
WCR3 CPP Averaged Received power for all recorded gates  
blue: 000407-000929, 7159 profiles averaged  
red: 000929-001451, 7158 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 000407-000929, 7159 profiles averaged  
red: 000929-001451, 7158 profiles averaged

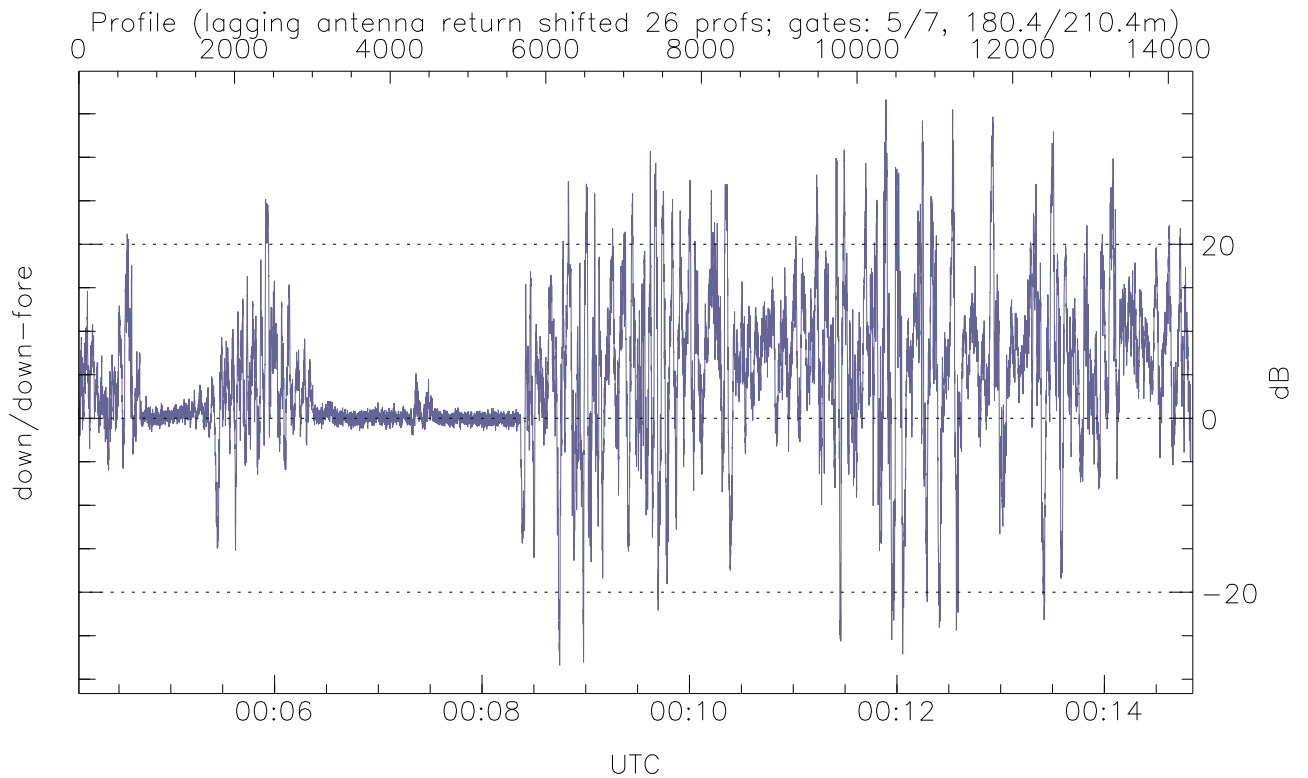
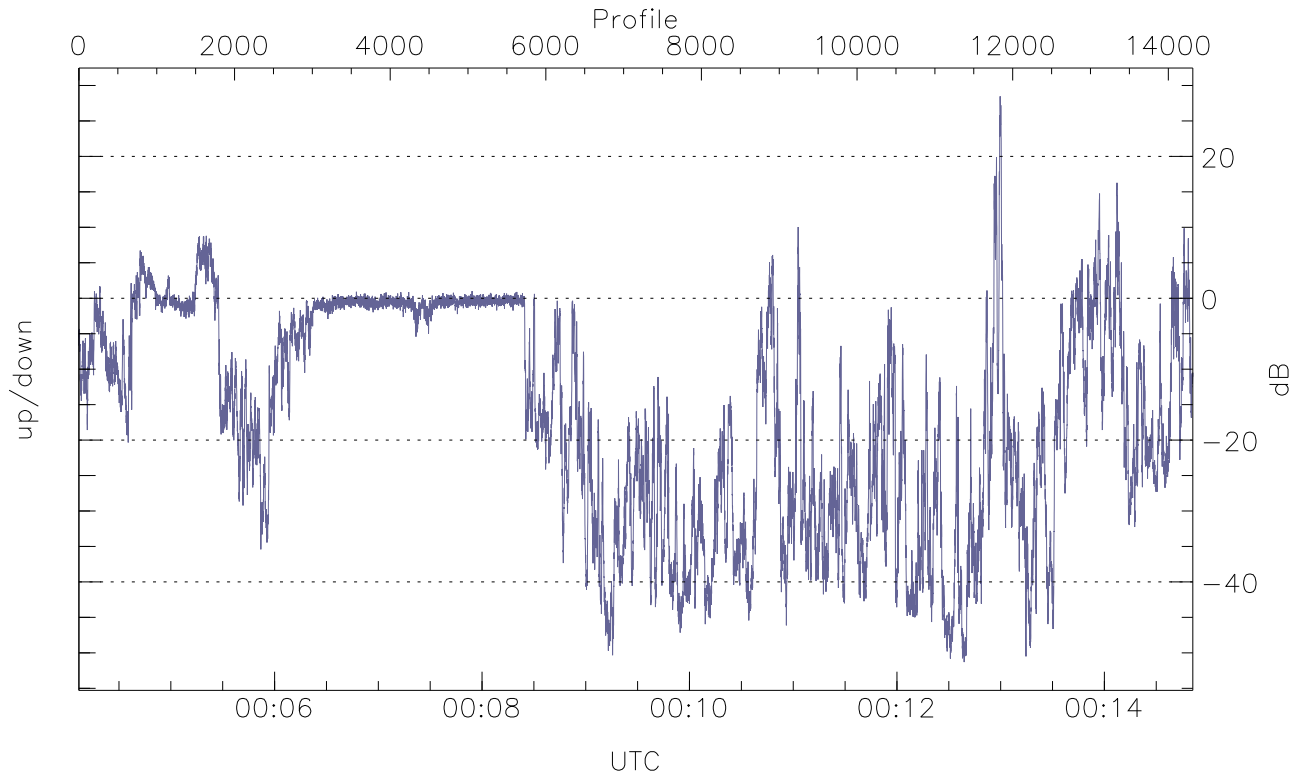


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



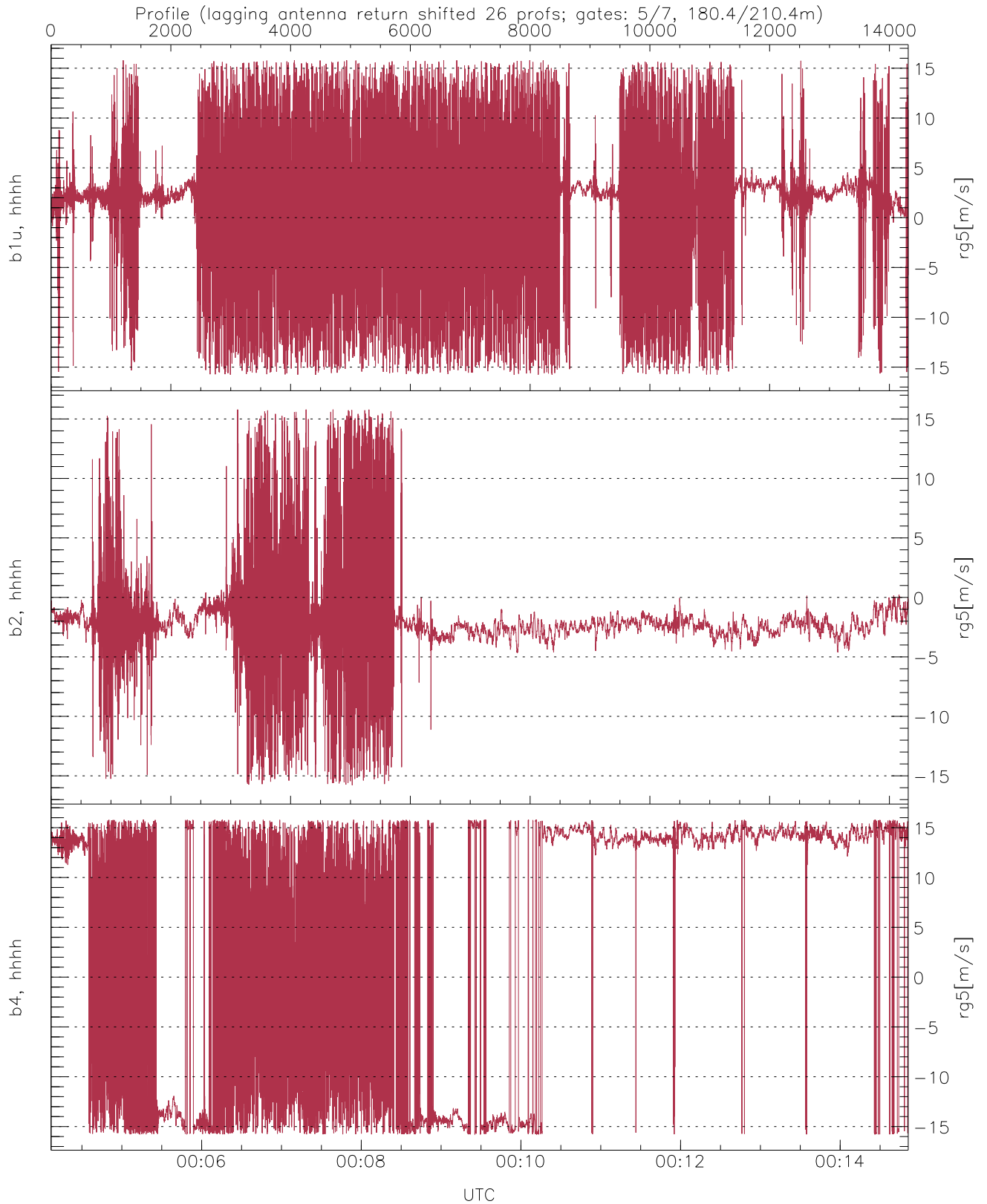
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.72	-15.85	-40.07
down(hh[dBm])	-65.99	-11.30	-26.92
down-fore(hh[dBm])	-65.91	-18.02	-33.38



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

	Min	Max	Mean
up/down (dB)	-51.30	28.47	-16.09
down/down-fore (dB)	-28.40	36.64	4.53



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.03	6.57
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.95	3.47
b4, hhhh(rg5[m/s])	-15.79	15.79	4.45	12.70