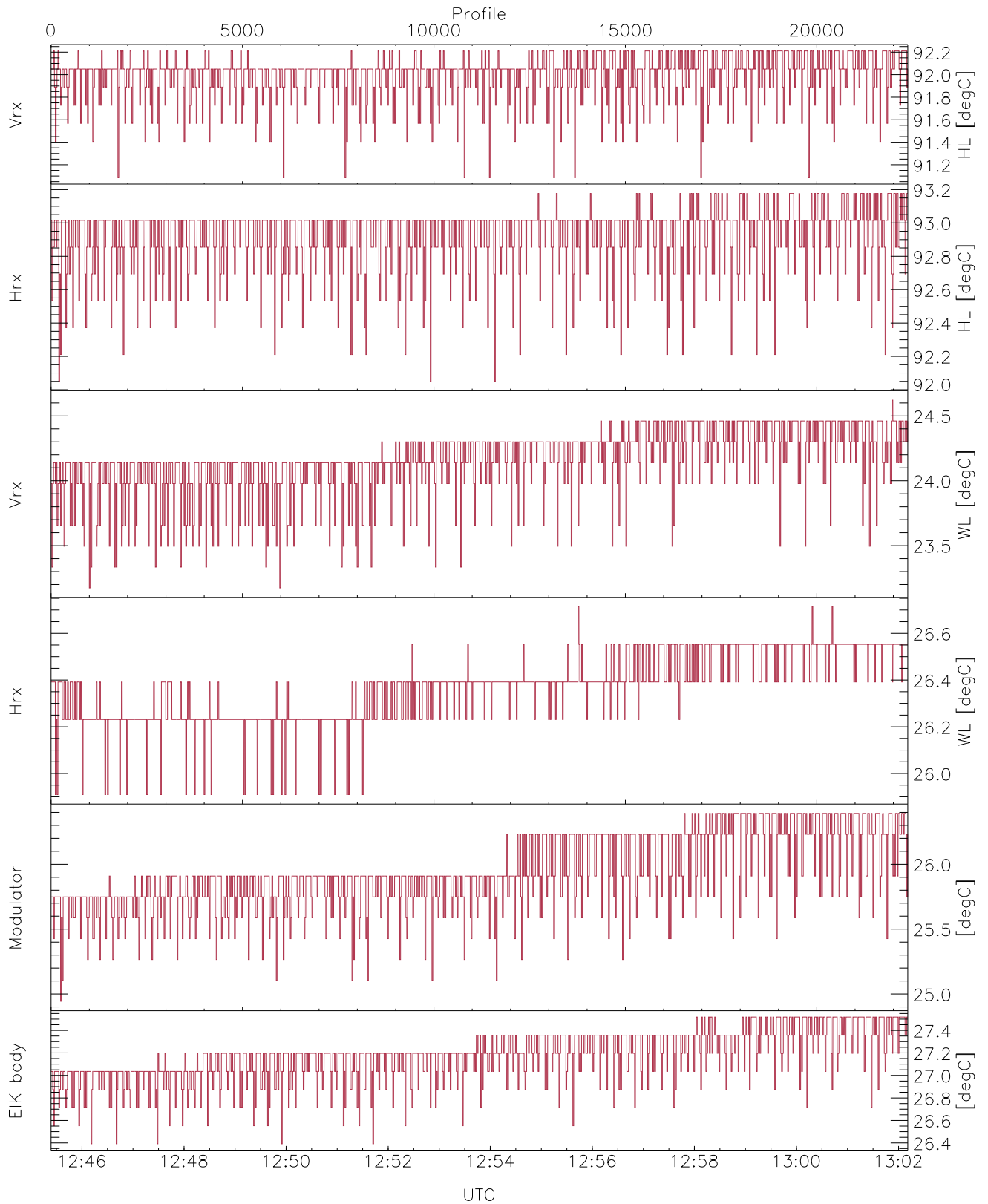


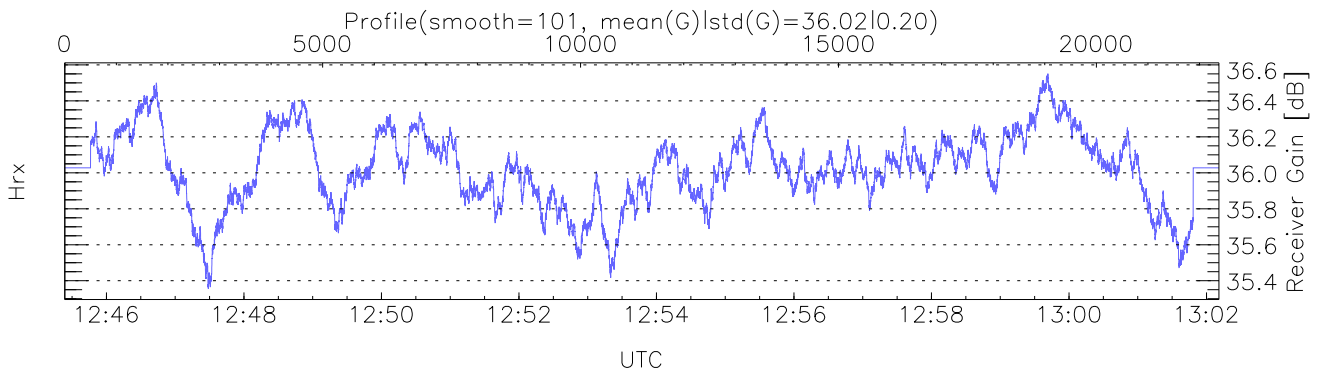
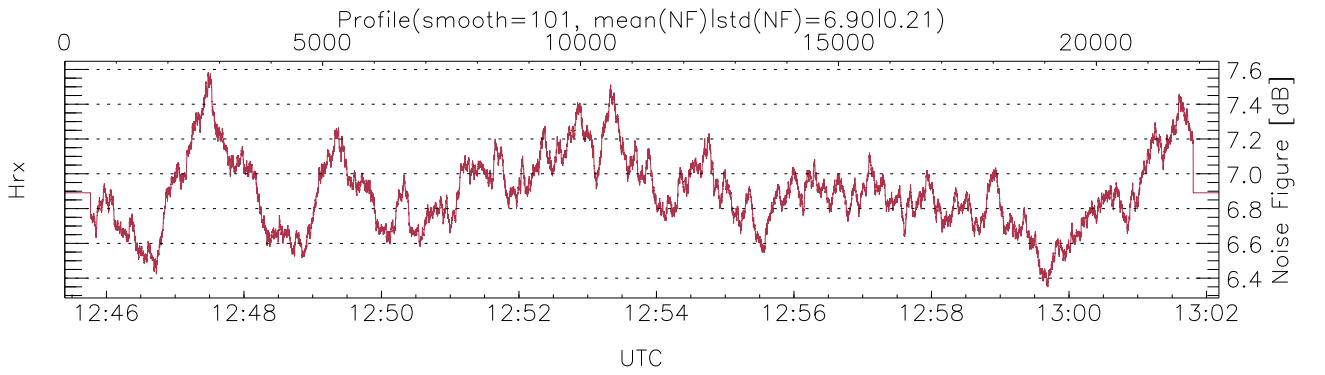
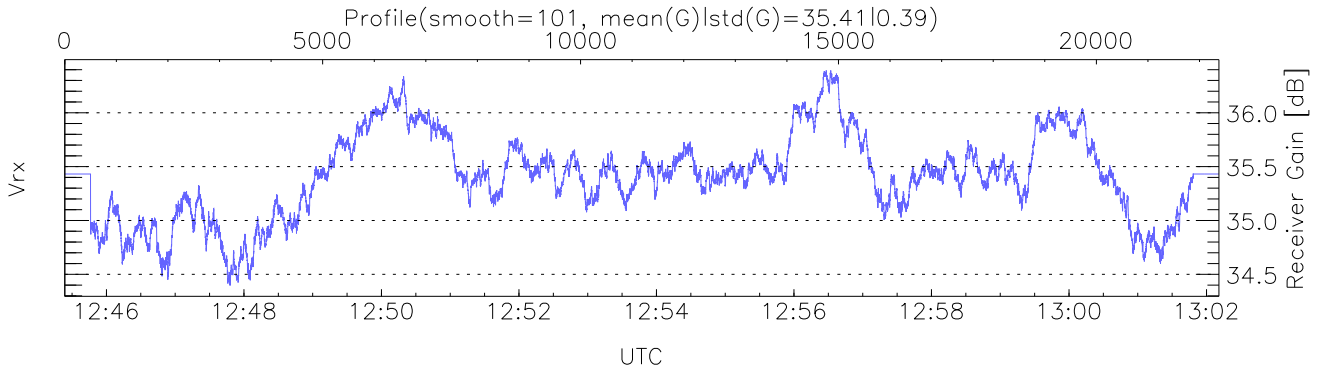
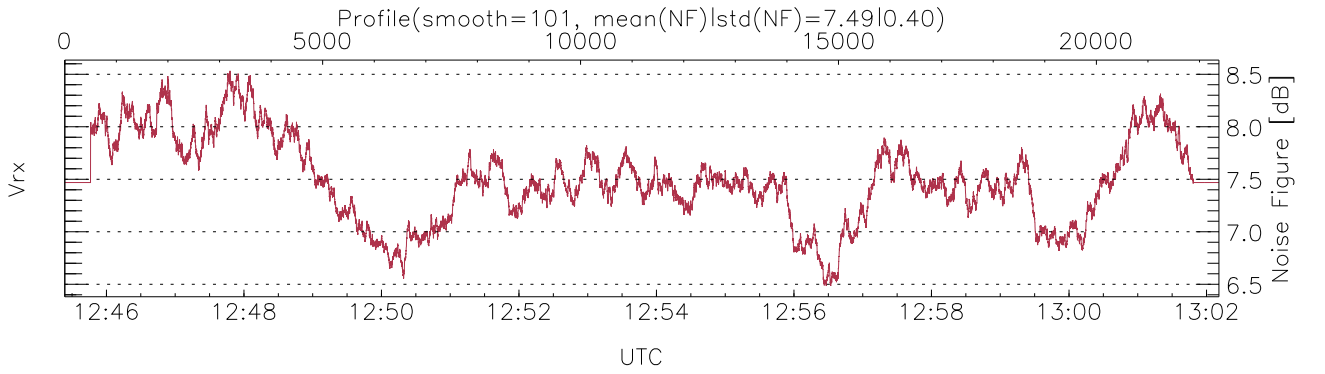
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 12:45:24-13:02:11, TimeCor: 0.00s, Dur: 1007.22s  
 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): 22378/22378, 0-22377/12:45:24-13:02:11  
 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



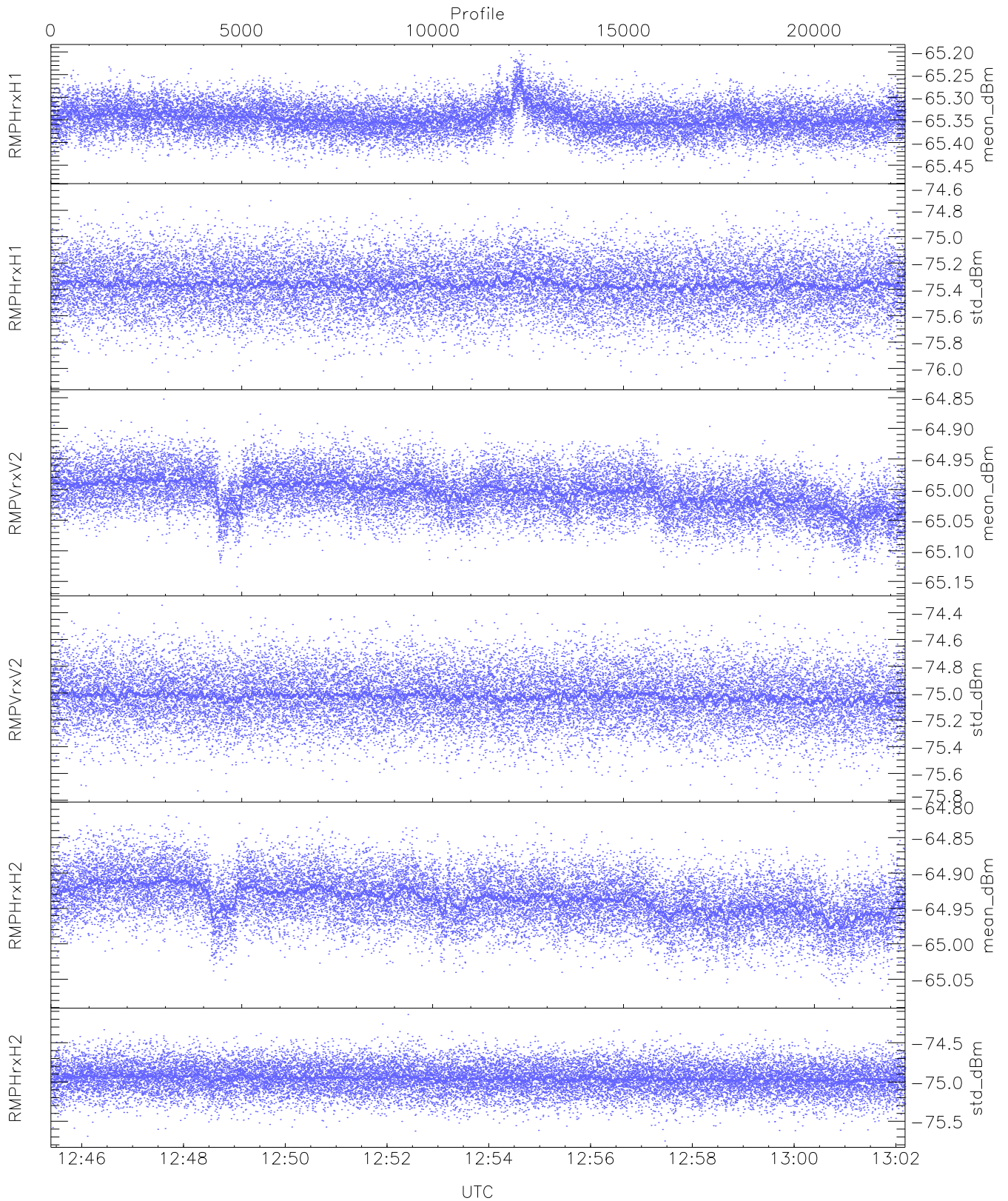
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,24,26`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27`  
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,44,44,22)`



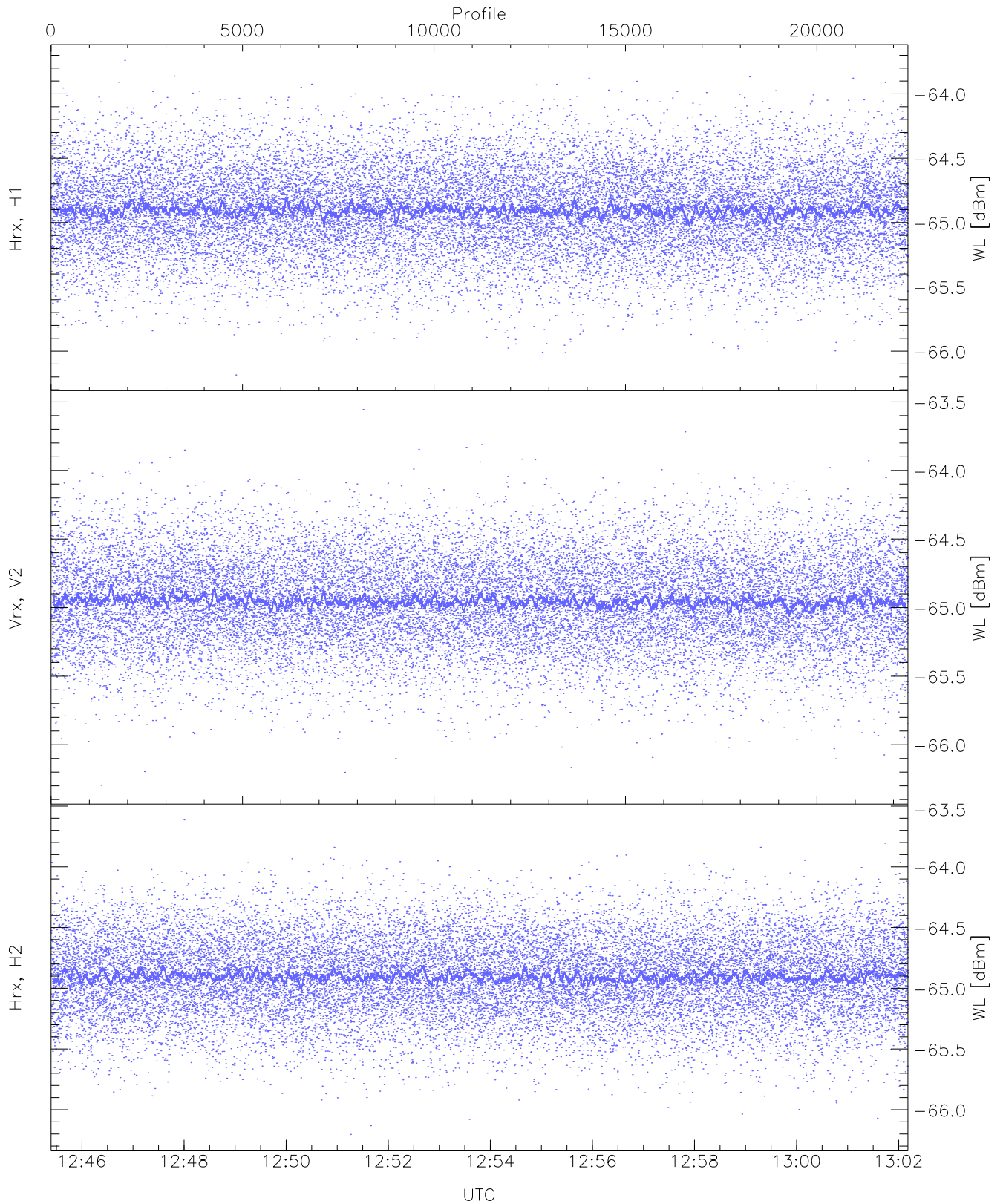
### WCR3 CPP Receivers Gain and Noise Figure

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



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

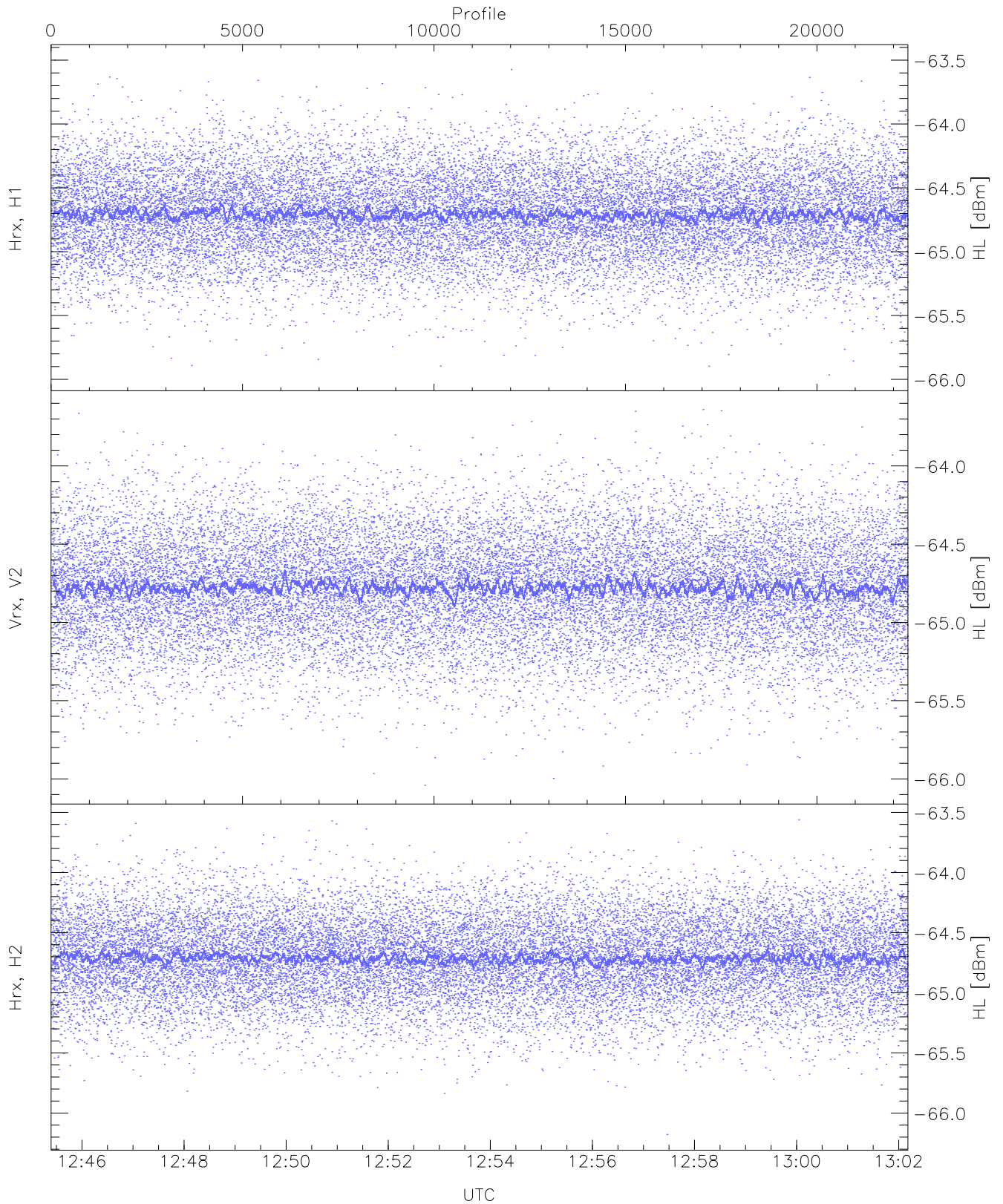
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.20	-65.35	-65.35	-86.51
RMPHrxH1(std_dBm)	-76.09	-74.67	-75.36	-75.36	-89.14
RMPVrxV2(mean_dBm)	-65.16	-64.85	-65.01	-65.01	-85.98
RMPVrxV2(std_dBm)	-75.74	-74.35	-75.02	-75.03	-88.76
RMPHrxH2(mean_dBm)	-65.08	-64.81	-64.94	-64.94	-85.97
RMPHrxH2(std_dBm)	-75.75	-74.14	-74.95	-74.95	-88.75



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

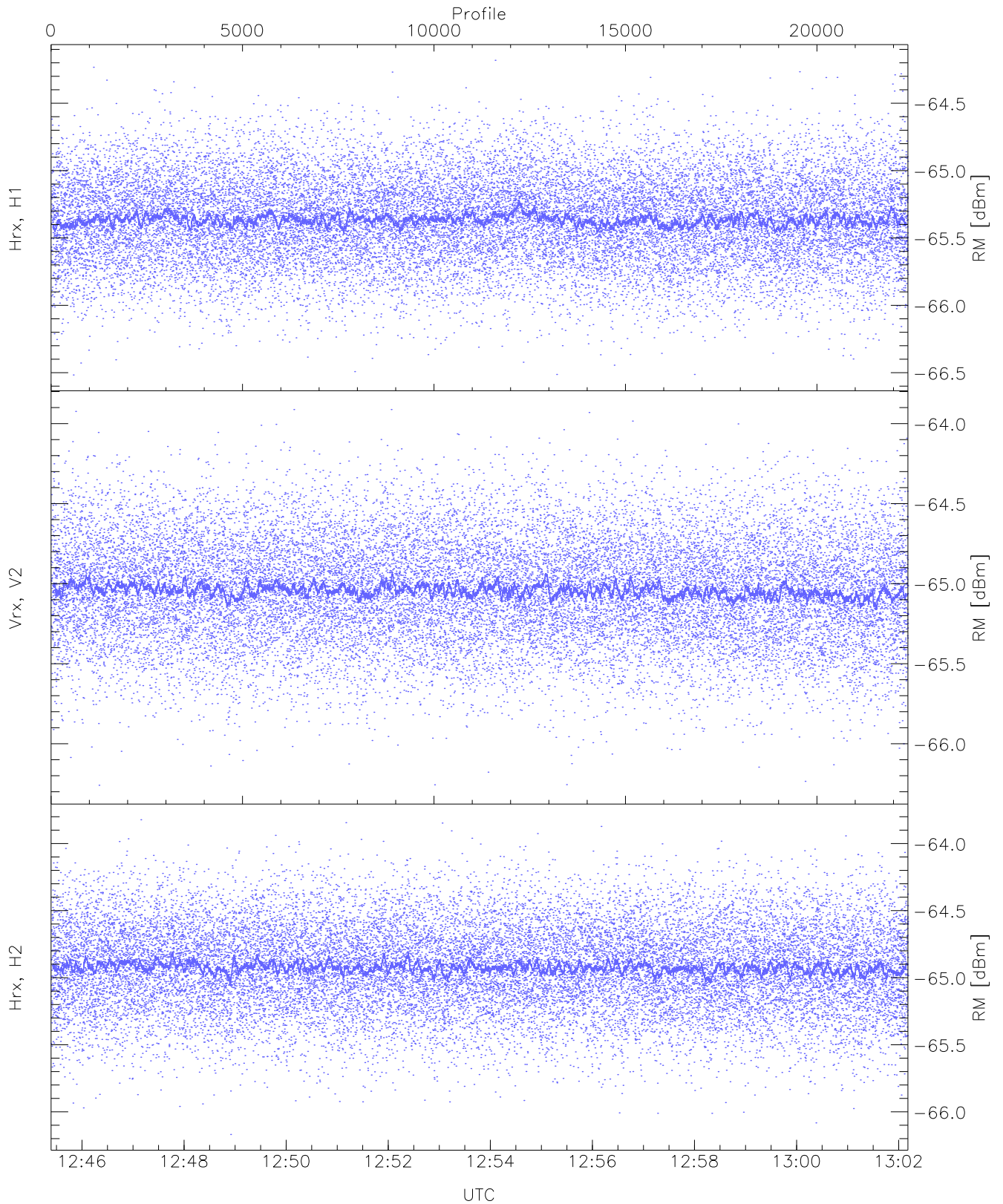
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.19	-63.74	-64.90	-64.91	-76.37
Vrx, V2 (WL [dBm])	-66.30	-63.56	-64.95	-64.96	-76.47
Hrx, H2 (WL [dBm])	-66.20	-63.61	-64.90	-64.90	-76.40





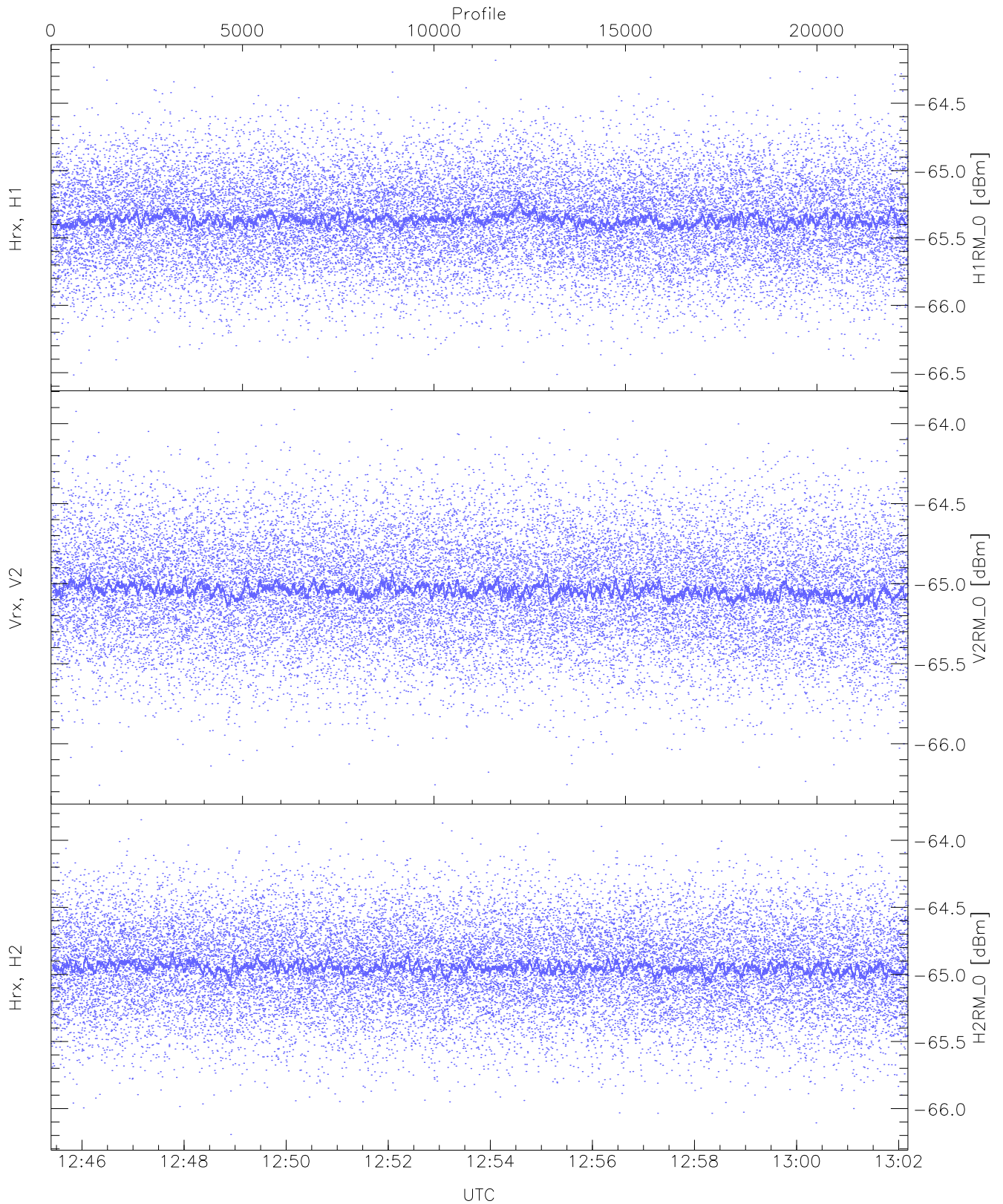
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.97	-63.50	-64.70	-64.71	-76.21
Vrx, V2 (HL [dBm])	-66.04	-63.64	-64.77	-64.78	-76.28
Hrx, H2 (HL [dBm])	-66.18	-63.56	-64.71	-64.72	-76.18



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

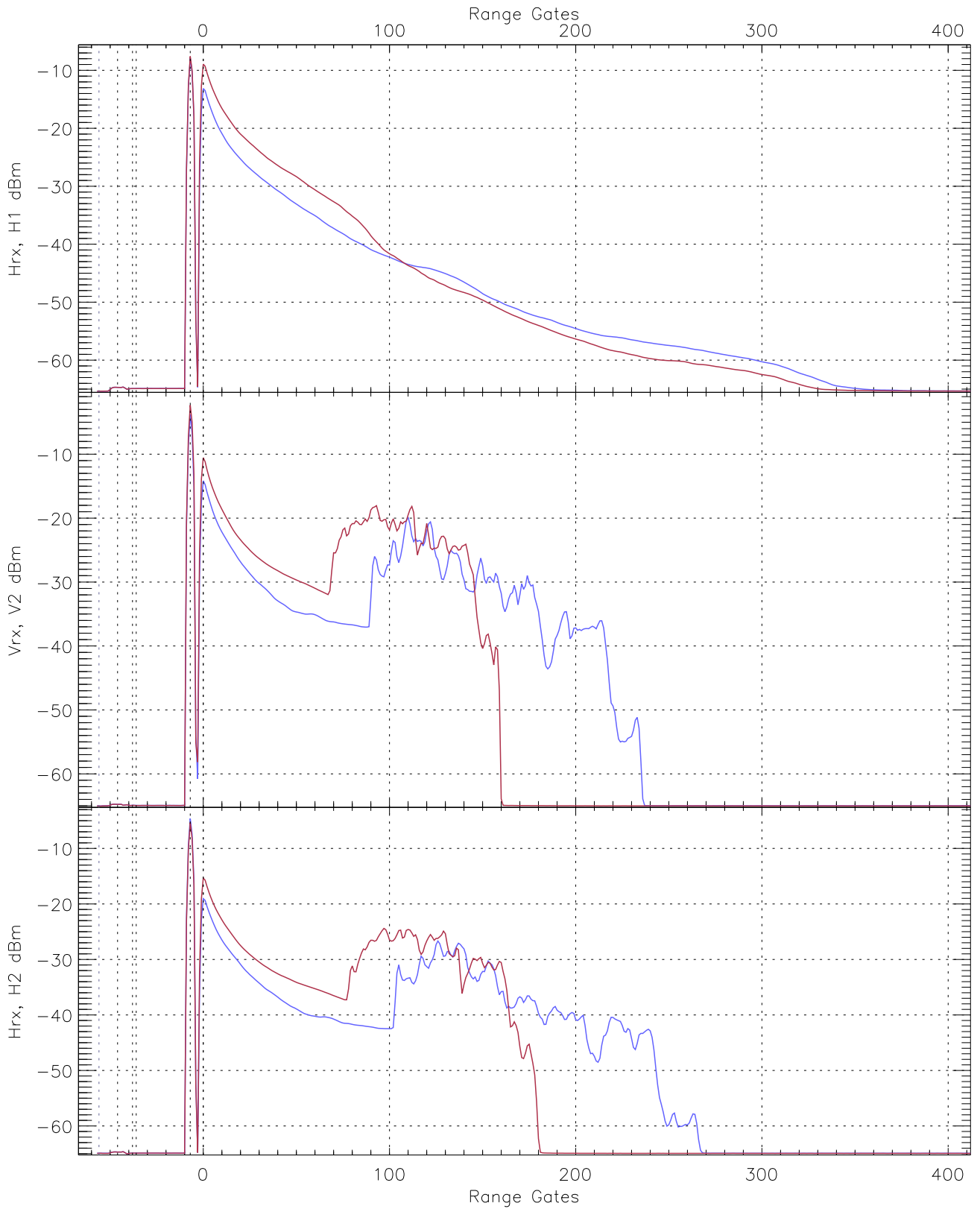
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.52	-64.18	-65.36	-65.36	-76.88
Vrx, V2 (RM [dBm])	-66.26	-63.91	-65.03	-65.04	-76.52
Hrx, H2 (RM [dBm])	-66.17	-63.82	-64.92	-64.93	-76.42



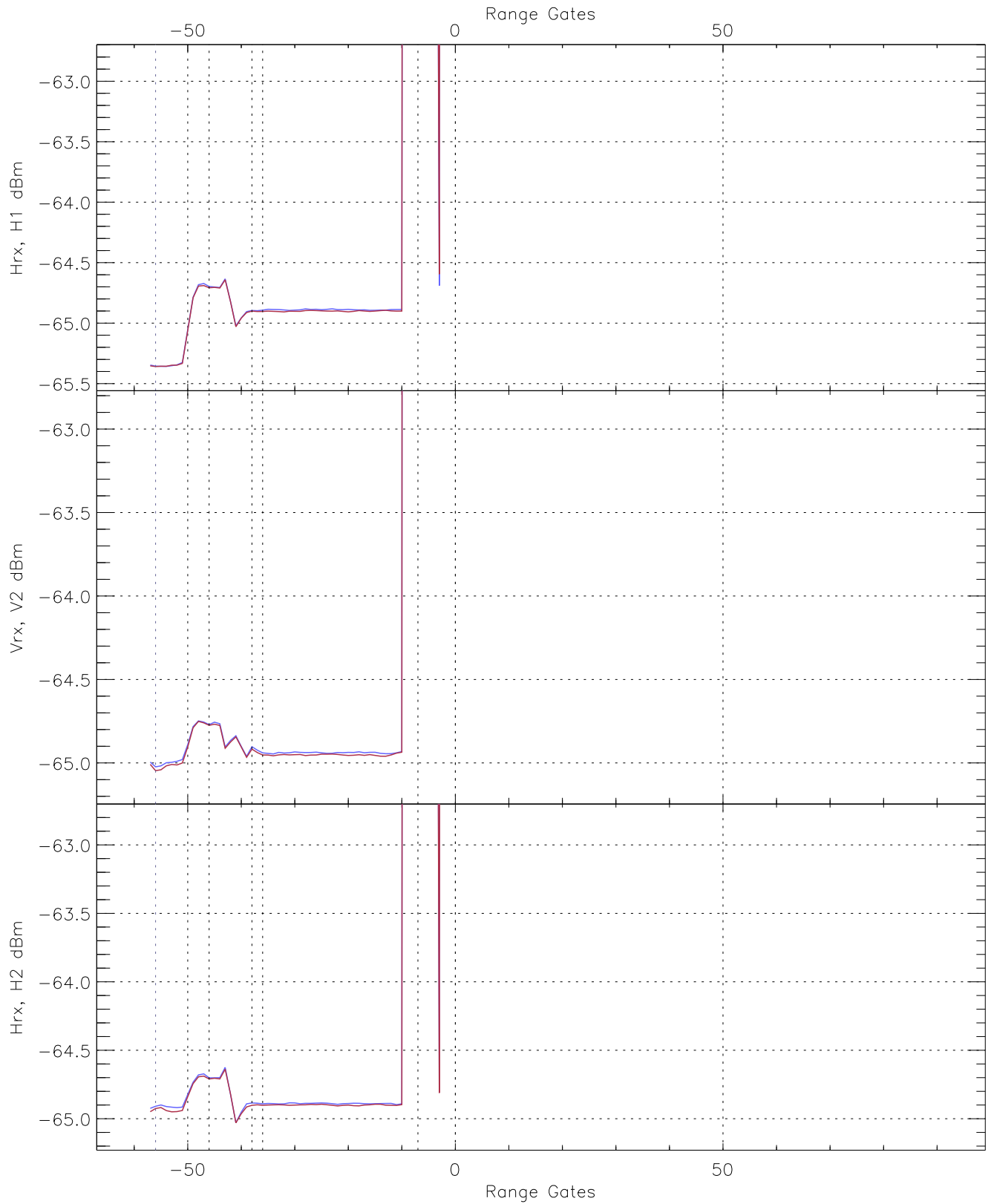
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.52	-64.18	-65.36	-65.36	-76.88
V2RM_0 [dBm]	-66.26	-63.91	-65.03	-65.04	-76.52
H2RM_0 [dBm]	-66.19	-63.85	-64.94	-64.95	-76.45

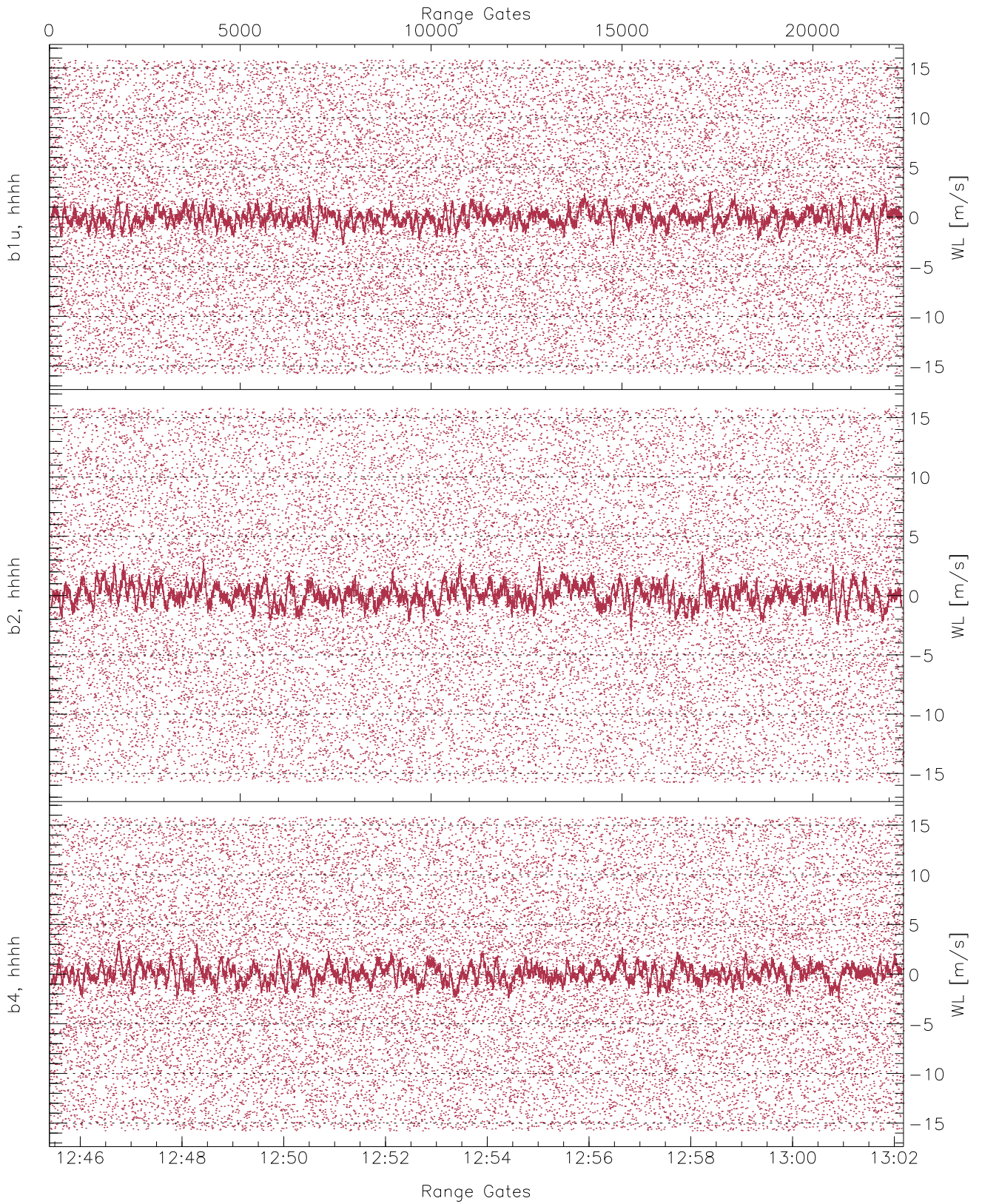




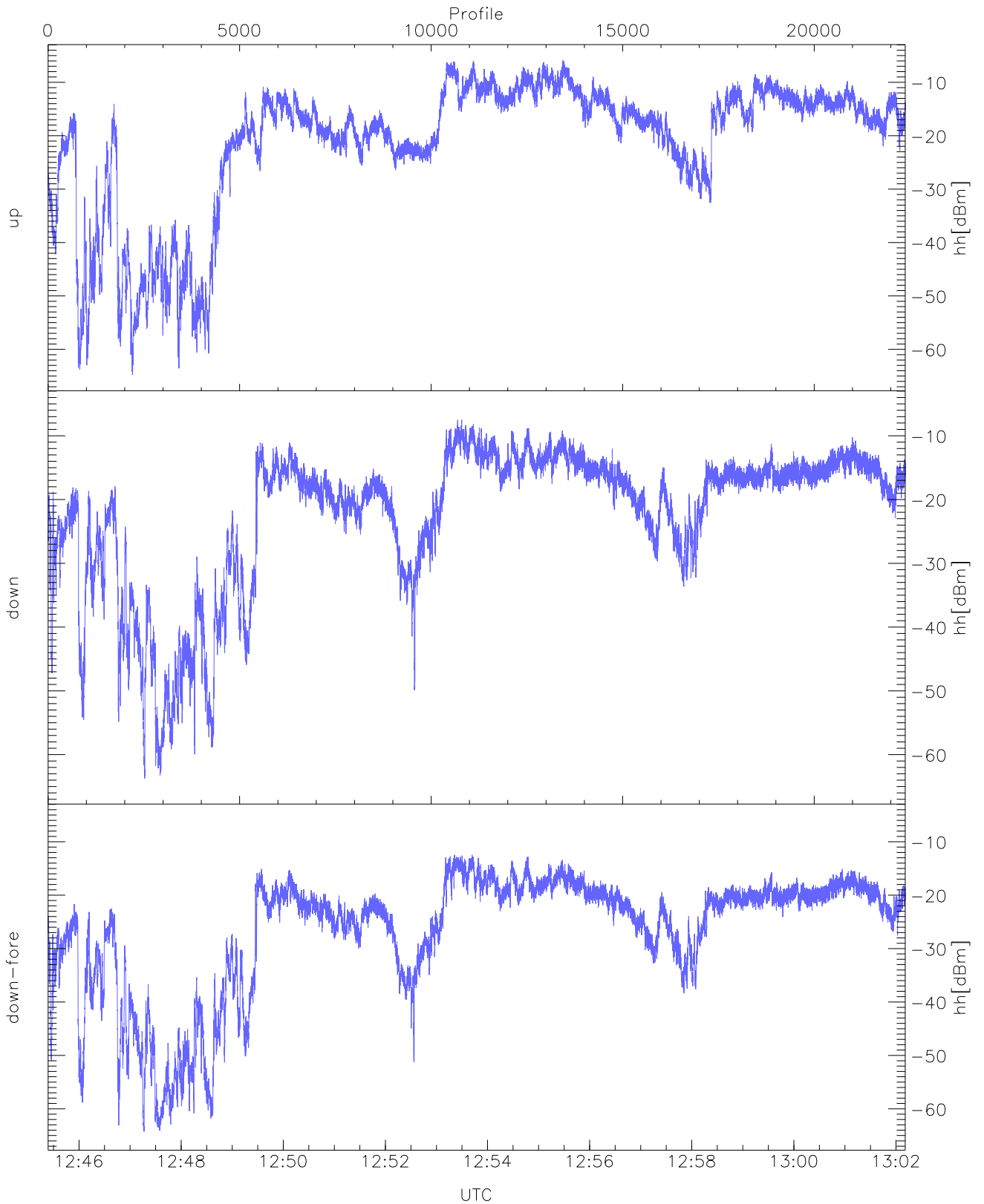
WCR3 CPP Averaged Received power for all recorded gates  
blue: 124524-125347, 11190 profiles averaged  
red: 125347-130211, 11189 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 124524-125347, 11190 profiles averaged  
red: 125347-130211, 11189 profiles averaged



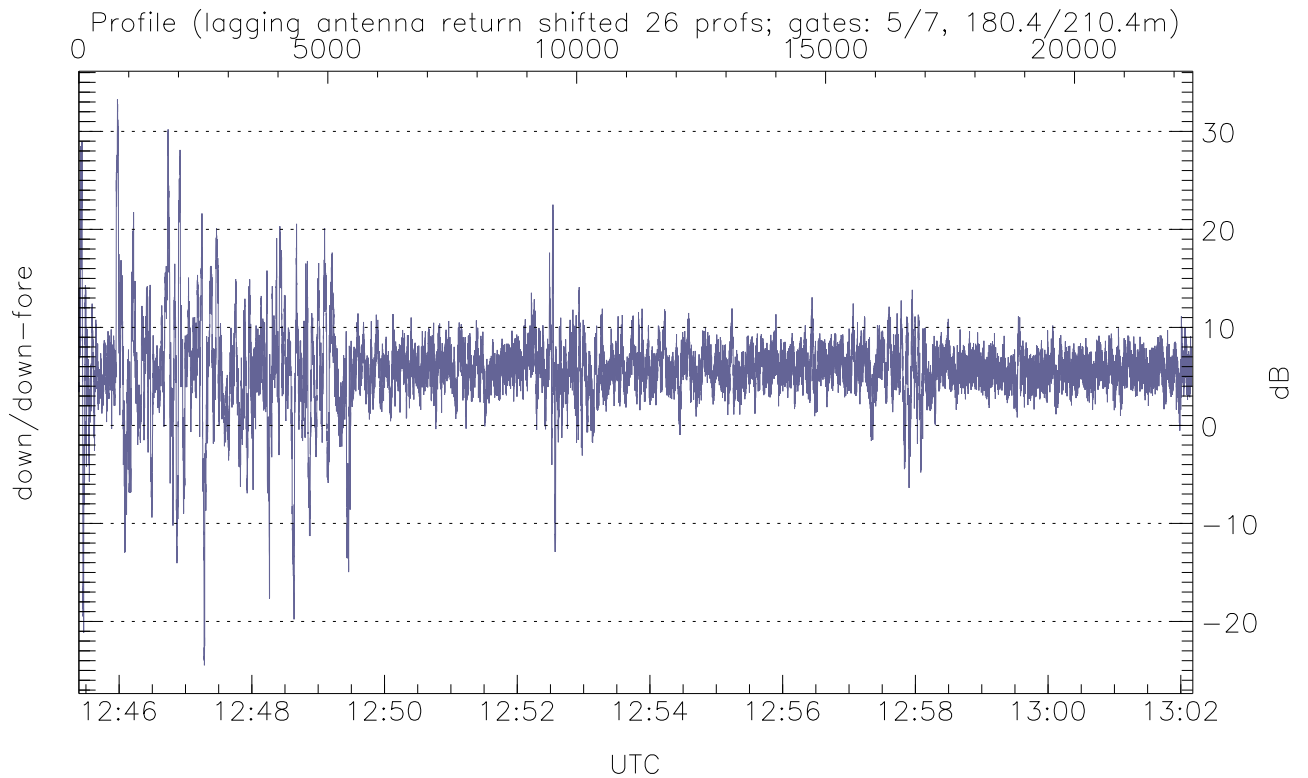
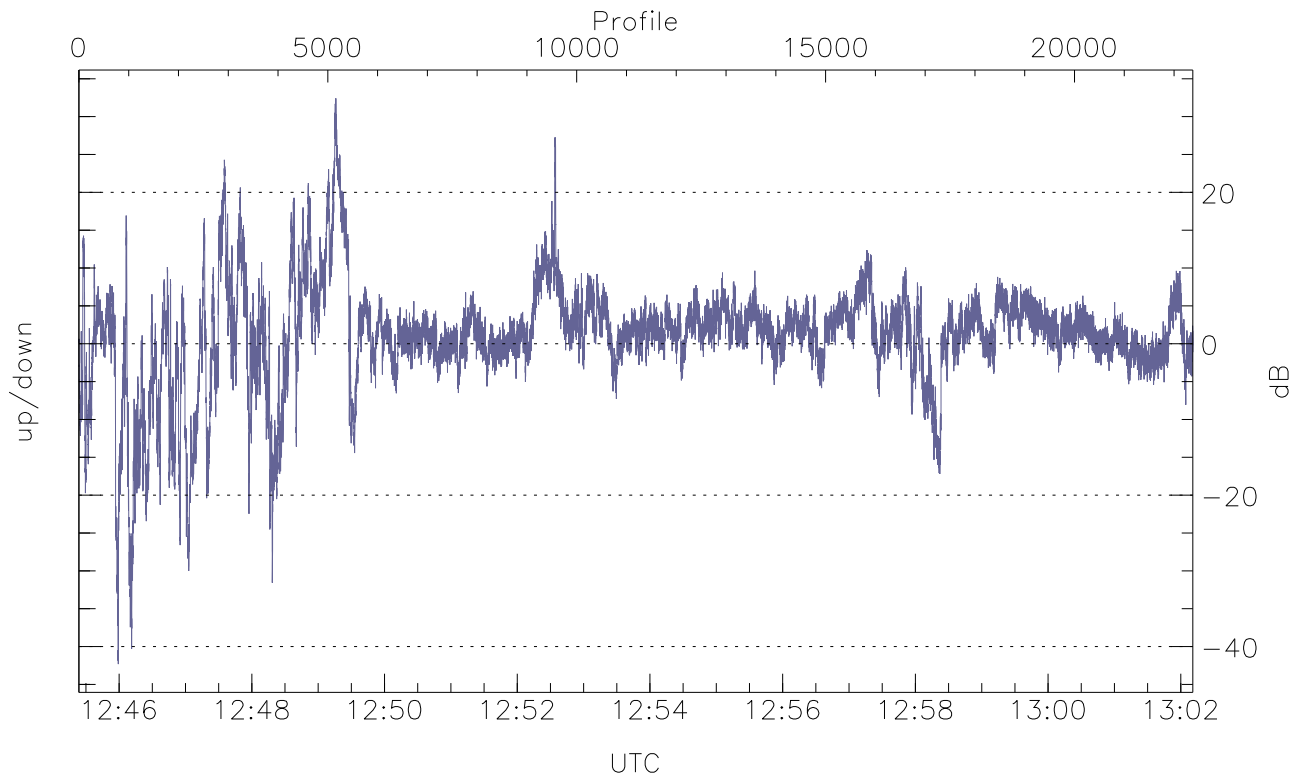
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

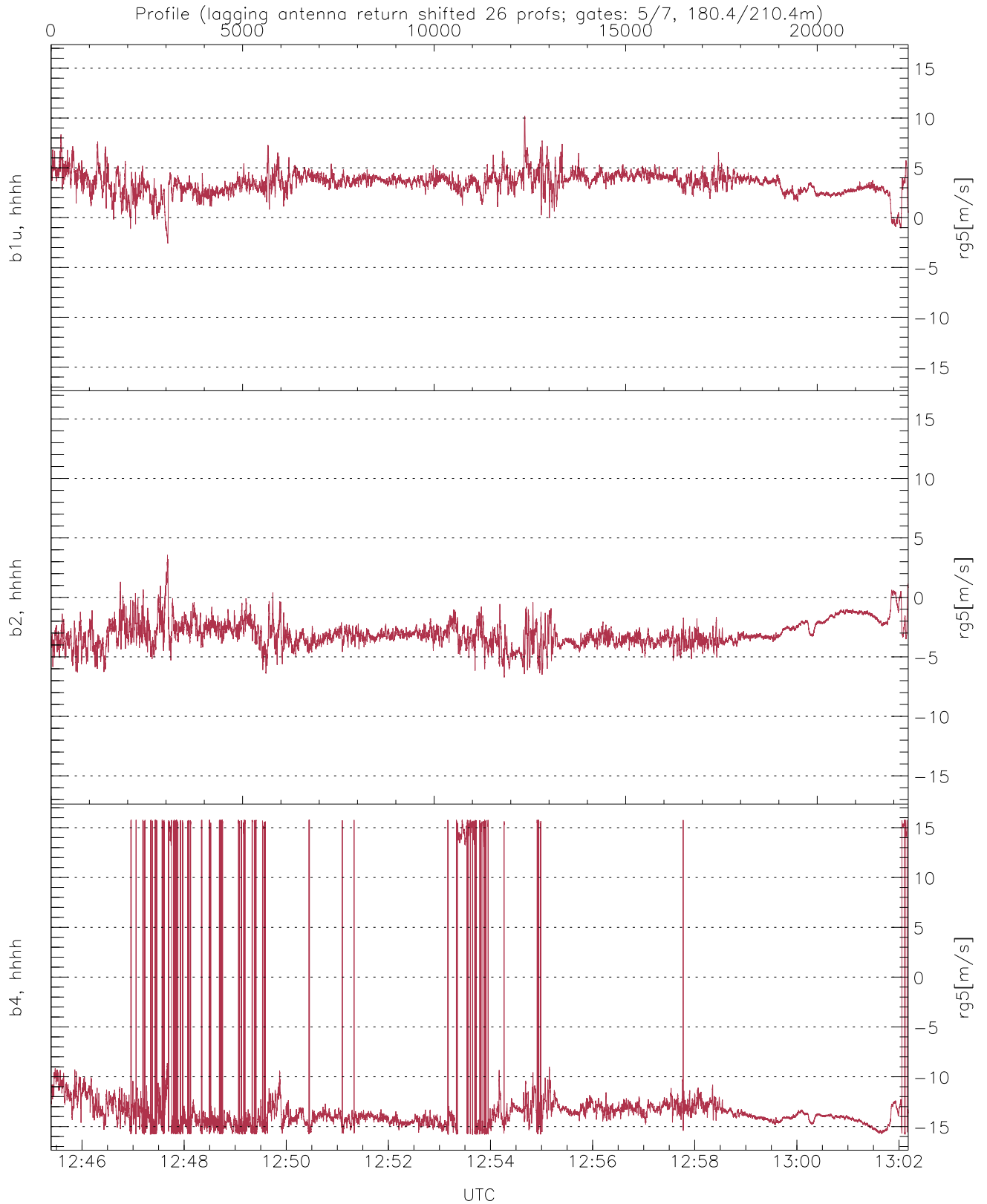
	Min	Max	Mean
up(hh[dBm])	-64.80	-5.88	-14.81
down(hh[dBm])	-63.75	-7.48	-16.69
down-fore(hh[dBm])	-64.26	-12.44	-21.00





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

	Min	Max	Mean
up/down (dB)	-42.31	32.42	1.07
down/down-fore (dB)	-24.47	33.25	5.70



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.57	10.20	3.48	1.11
b2, hhhh(rg5[m/s])	-6.73	3.57	-3.05	1.09
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.26	6.39