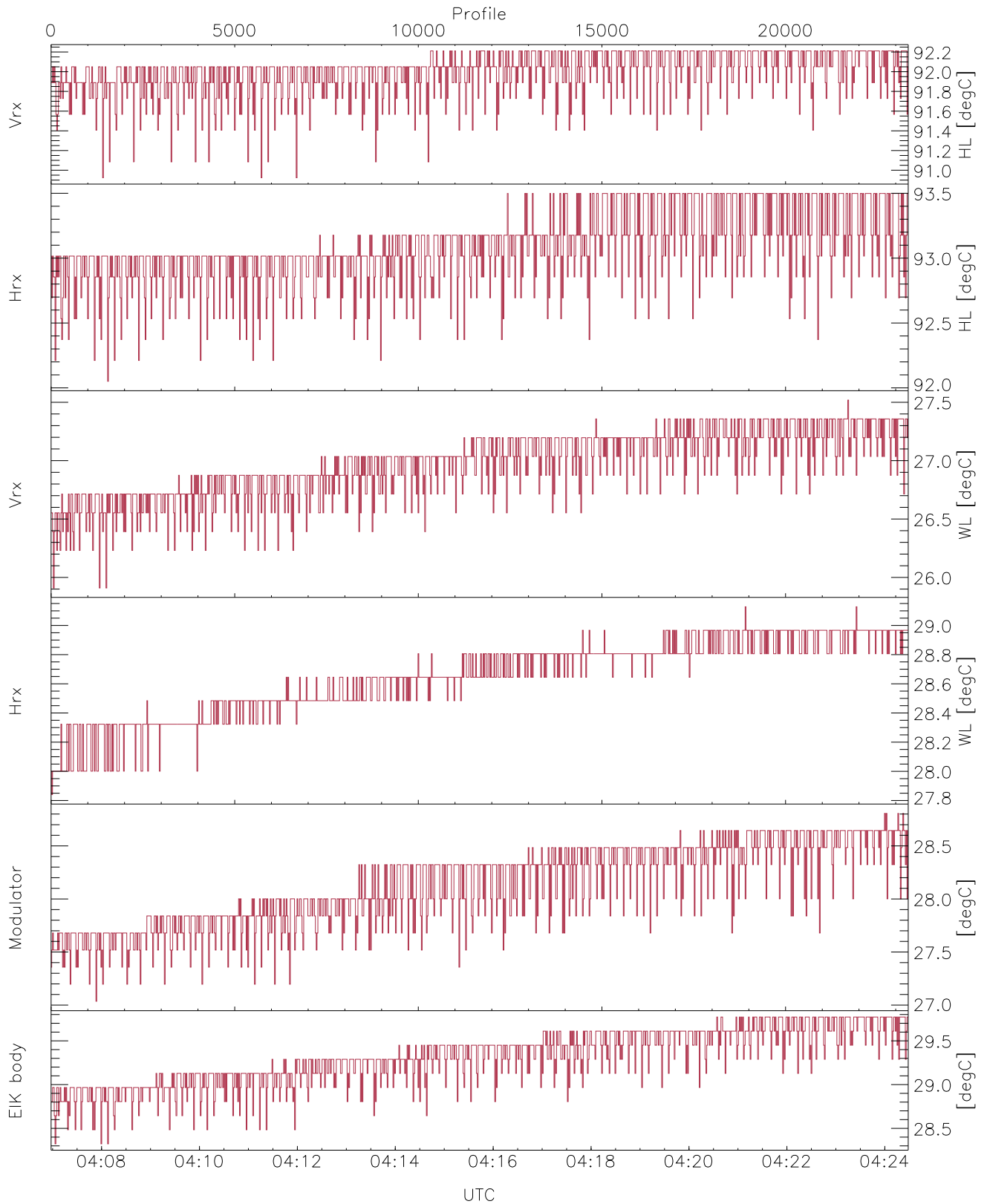


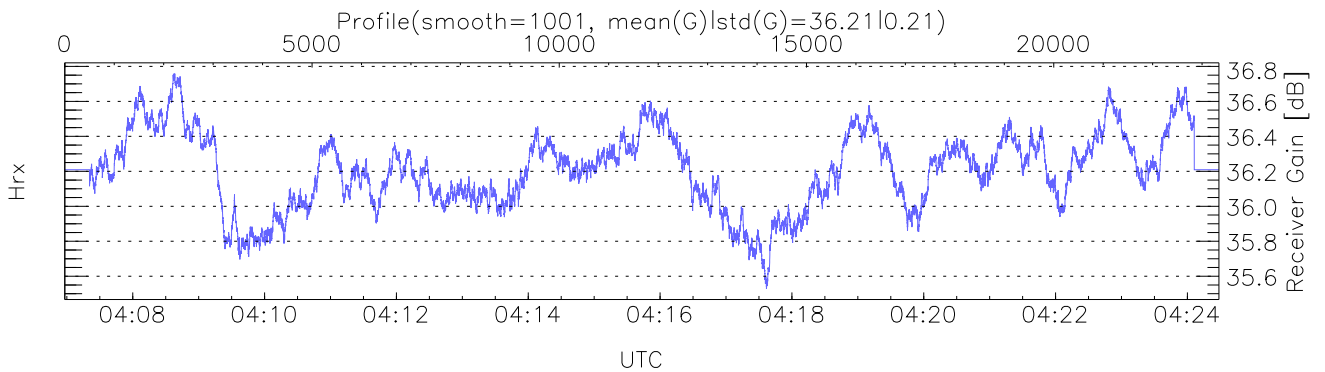
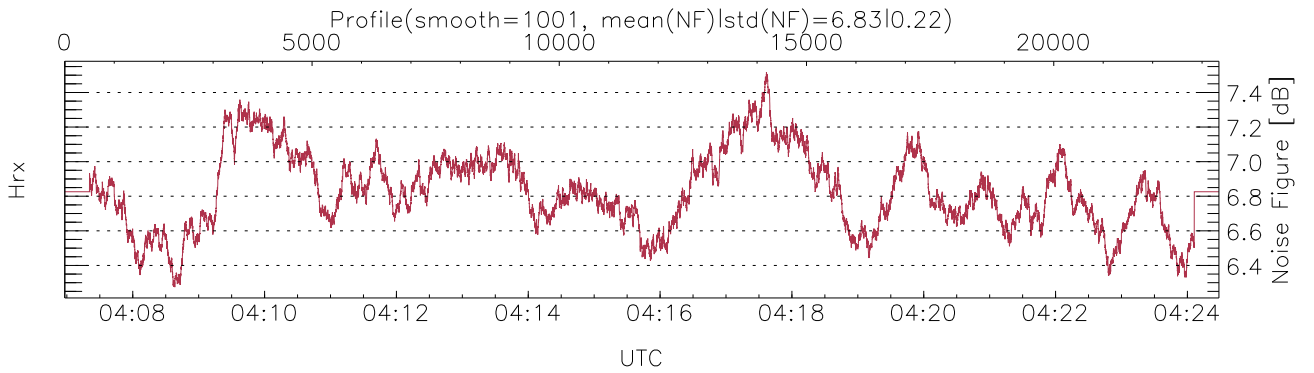
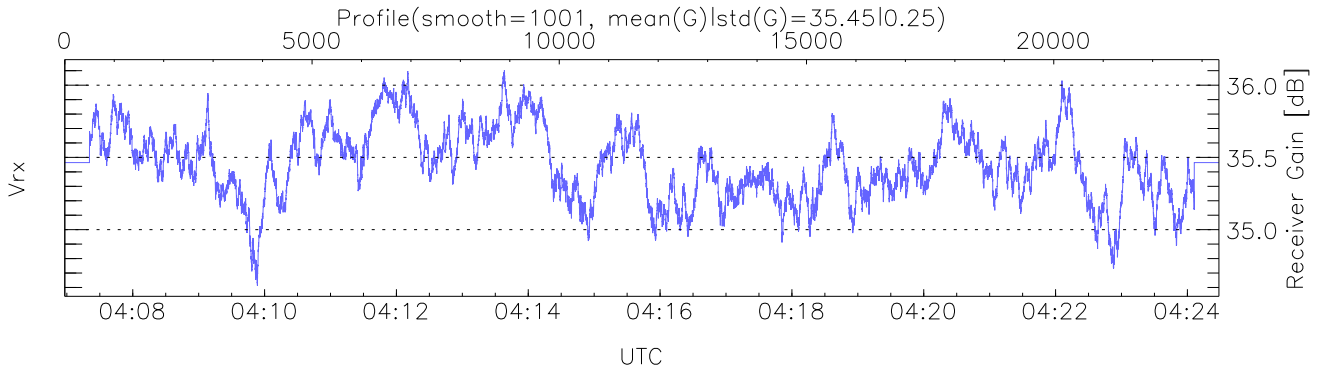
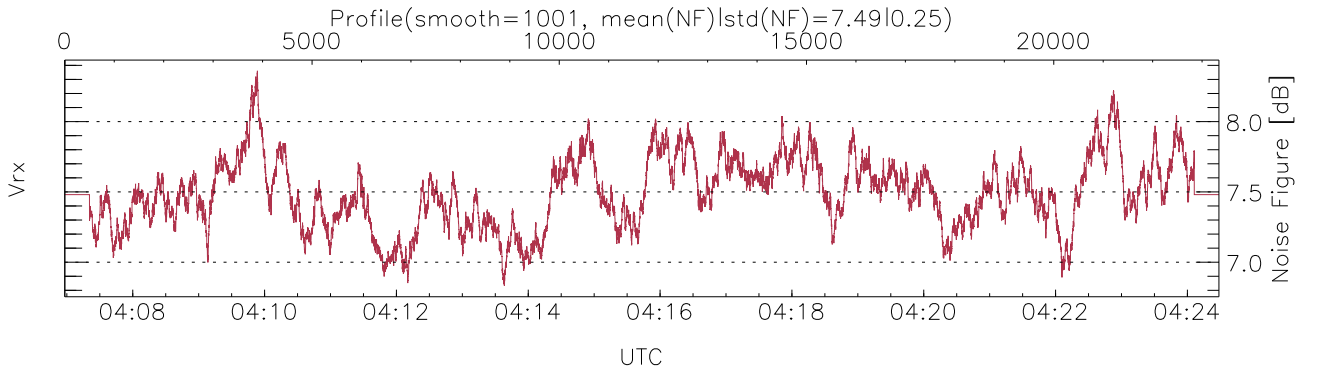
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:06:58-04:24:29, TimeCor: 0.00s, Dur: 1050.61s  
 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): 23342/23342, 0-23341/04:06:58-04:24:29  
 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



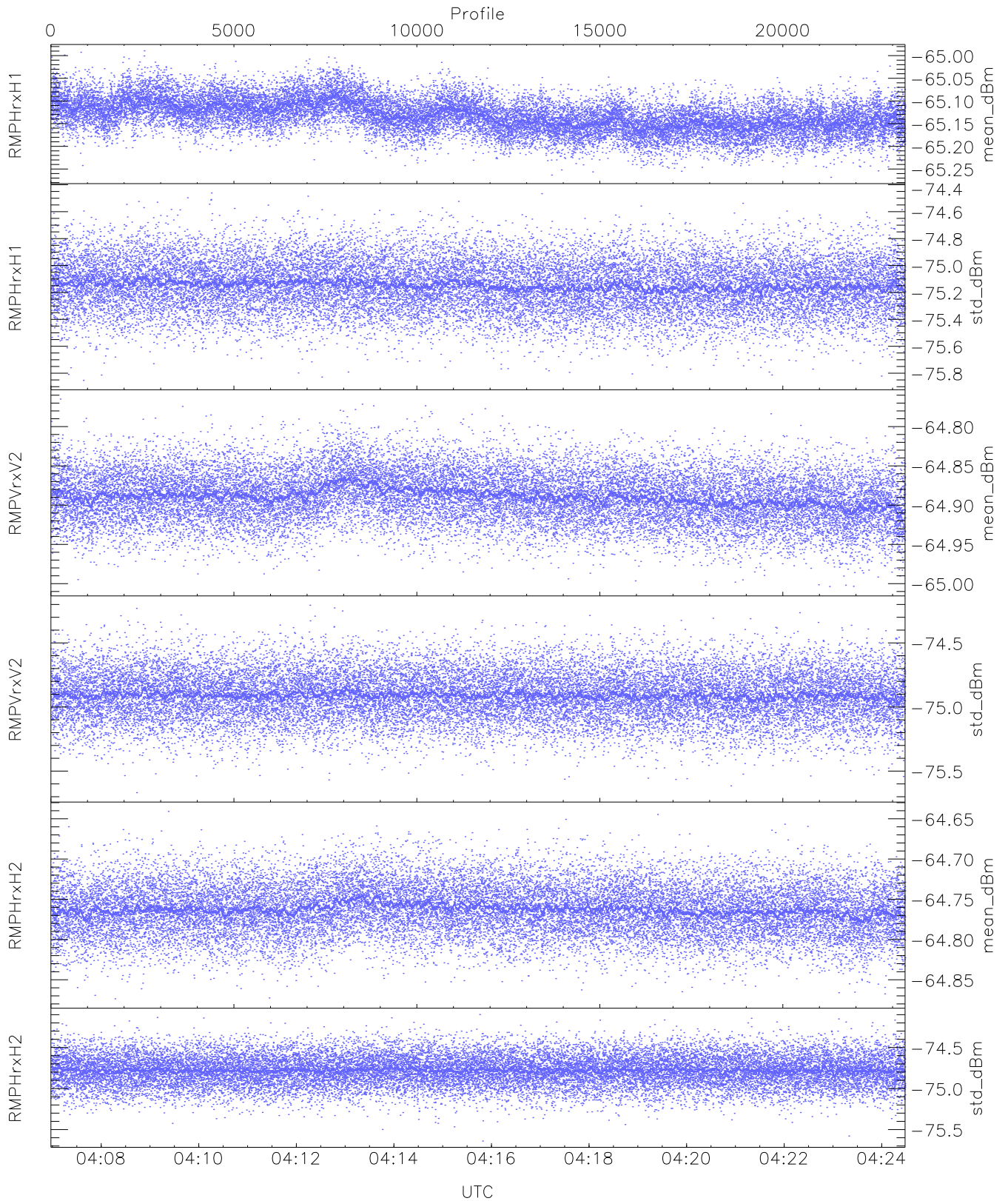
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,25,27,27,28`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,28,29`  
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (44,44,44,44,44,44)`



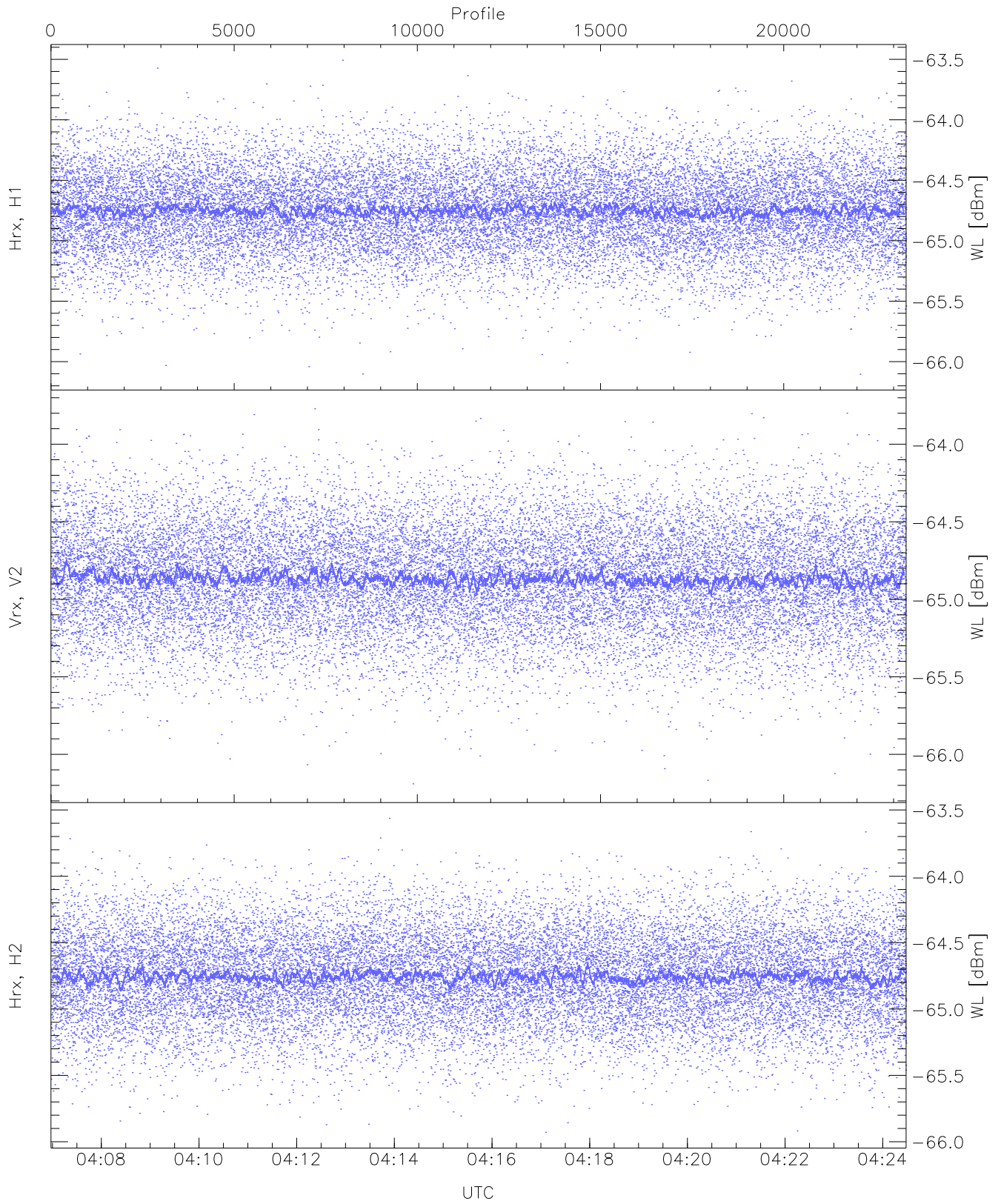
### WCR3 CPP Receivers Gain and Noise Figure

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



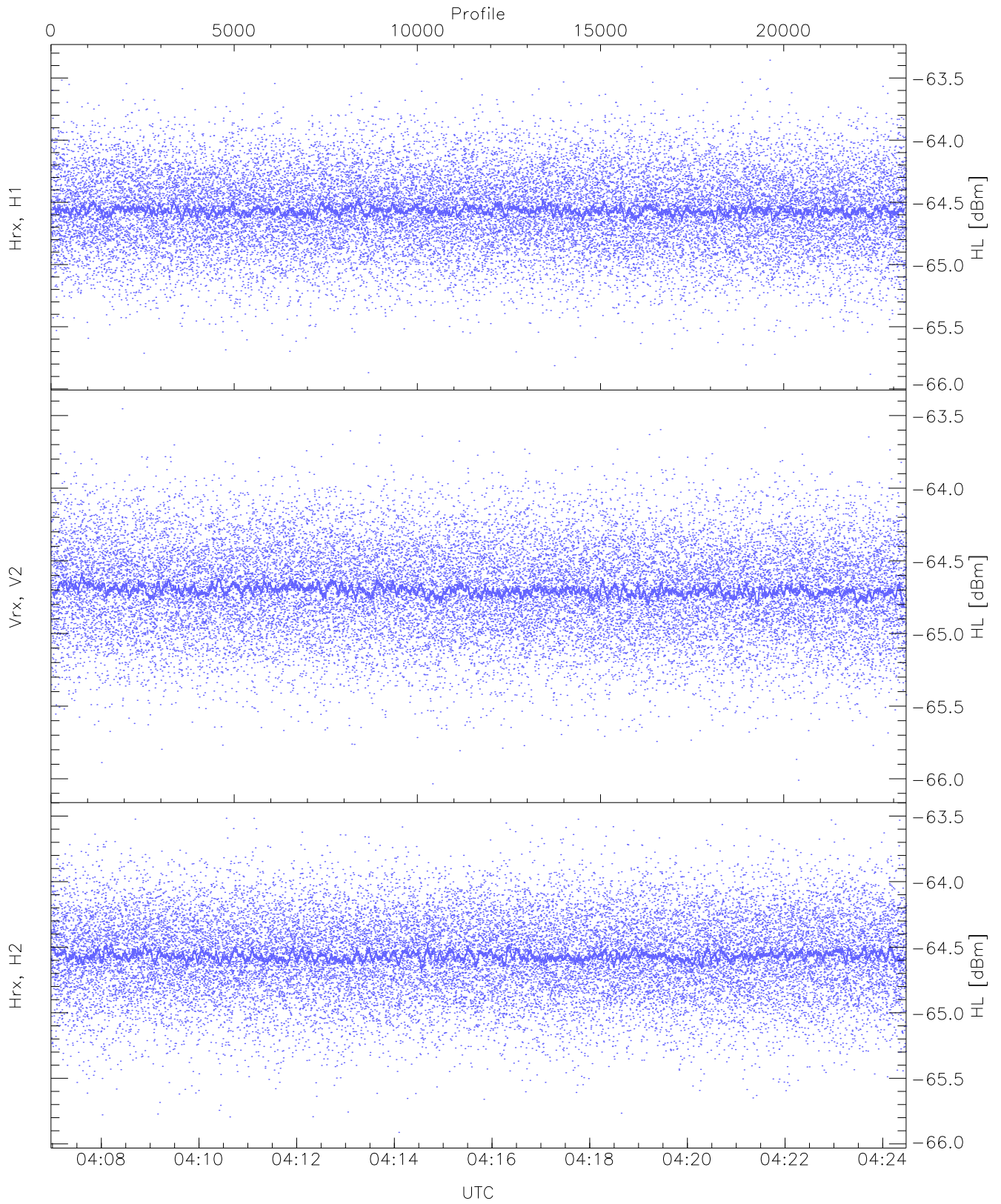
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.27	-64.99	-65.13	-65.13	-85.84
RMPHrxH1(std_dBm)	-75.85	-74.46	-75.15	-75.15	-88.90
RMPVrxV2(mean_dBm)	-65.00	-64.76	-64.89	-64.89	-86.34
RMPVrxV2(std_dBm)	-75.67	-74.21	-74.91	-74.91	-88.67
RMPHrxH2(mean_dBm)	-64.87	-64.64	-64.76	-64.76	-86.36
RMPHrxH2(std_dBm)	-75.64	-74.10	-74.78	-74.78	-88.60



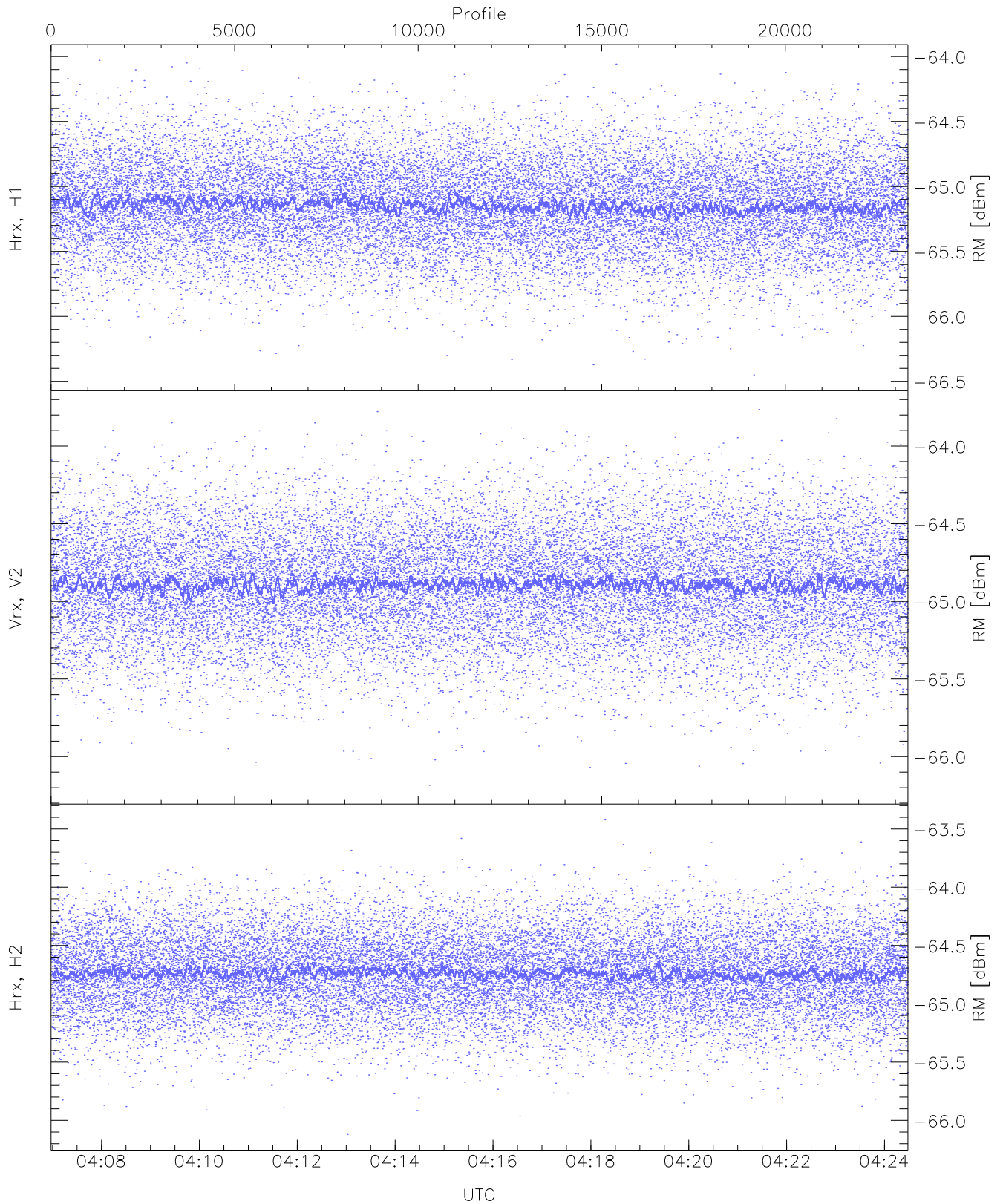
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.10	-63.51	-64.74	-64.75	-76.26
Vrx, V2 (WL [dBm])	-66.19	-63.77	-64.86	-64.87	-76.38
Hrx, H2 (WL [dBm])	-65.93	-63.56	-64.75	-64.76	-76.25



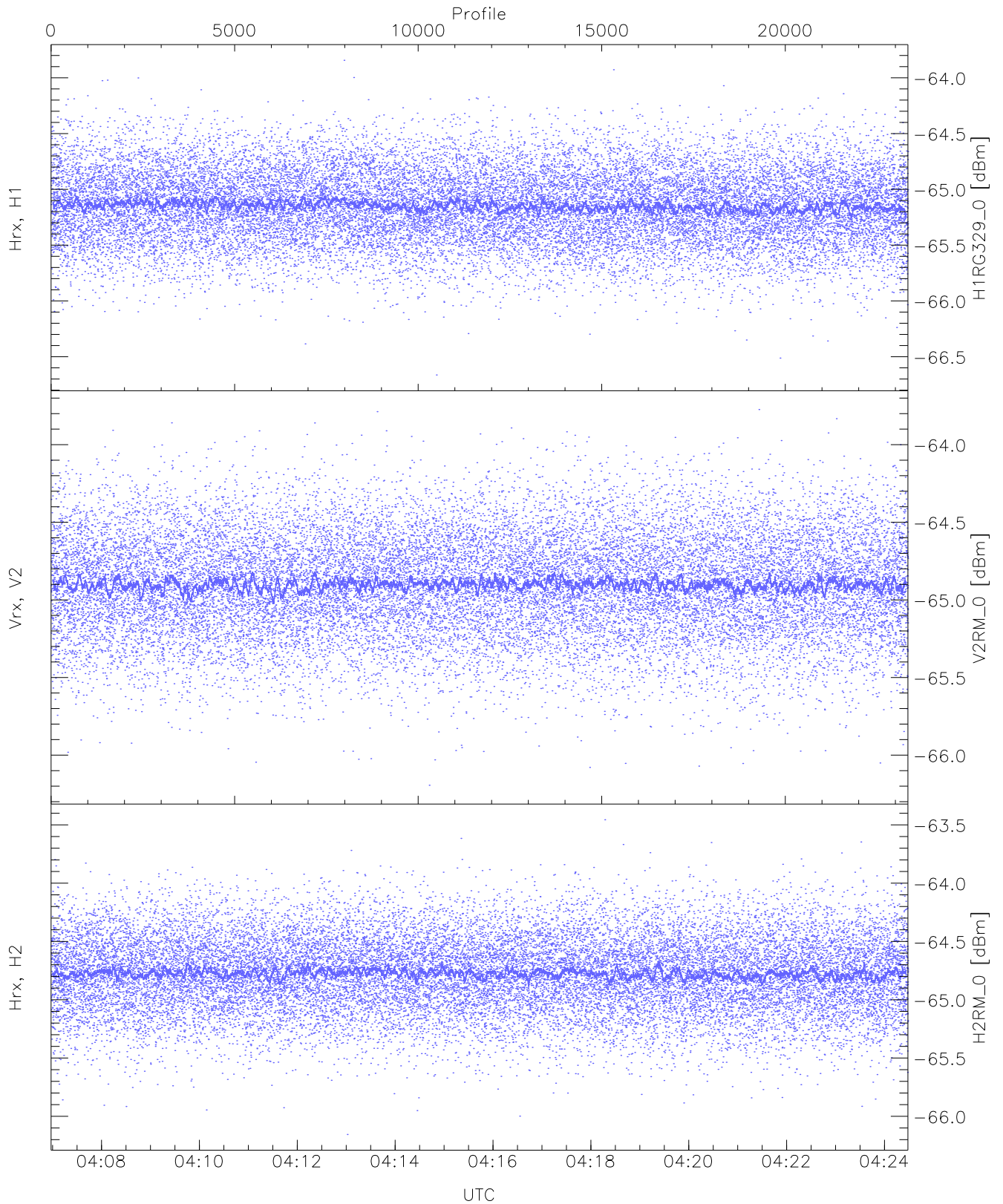
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.88	-63.36	-64.56	-64.56	-76.04
Vrx, V2 (HL [dBm])	-66.03	-63.45	-64.70	-64.70	-76.20
Hrx, H2 (HL [dBm])	-65.91	-63.52	-64.56	-64.57	-76.07



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

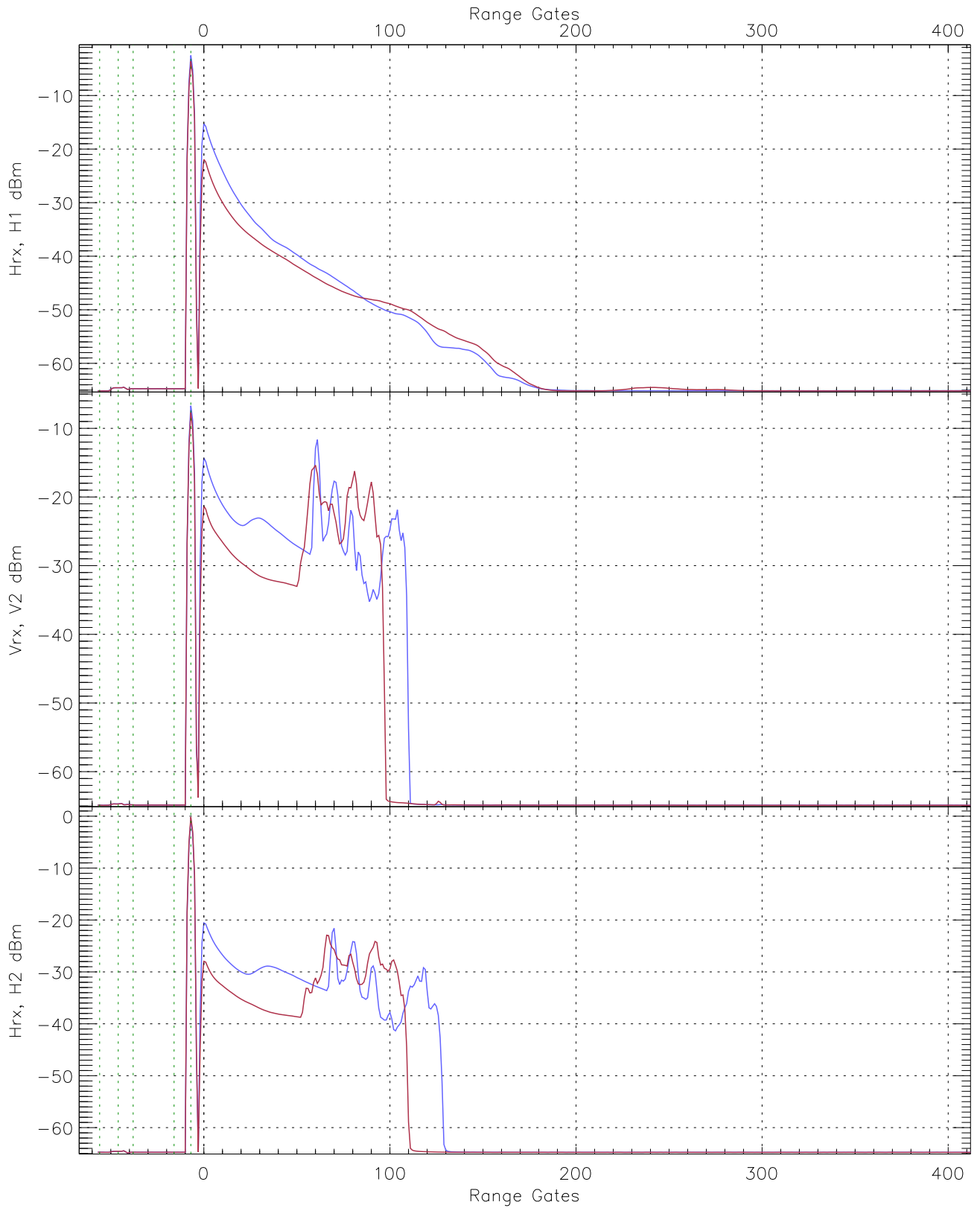
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.45	-64.03	-65.14	-65.15	-76.60
Vrx, V2 (RM [dBm])	-66.18	-63.76	-64.88	-64.89	-76.39
Hrx, H2 (RM [dBm])	-66.12	-63.42	-64.73	-64.74	-76.25



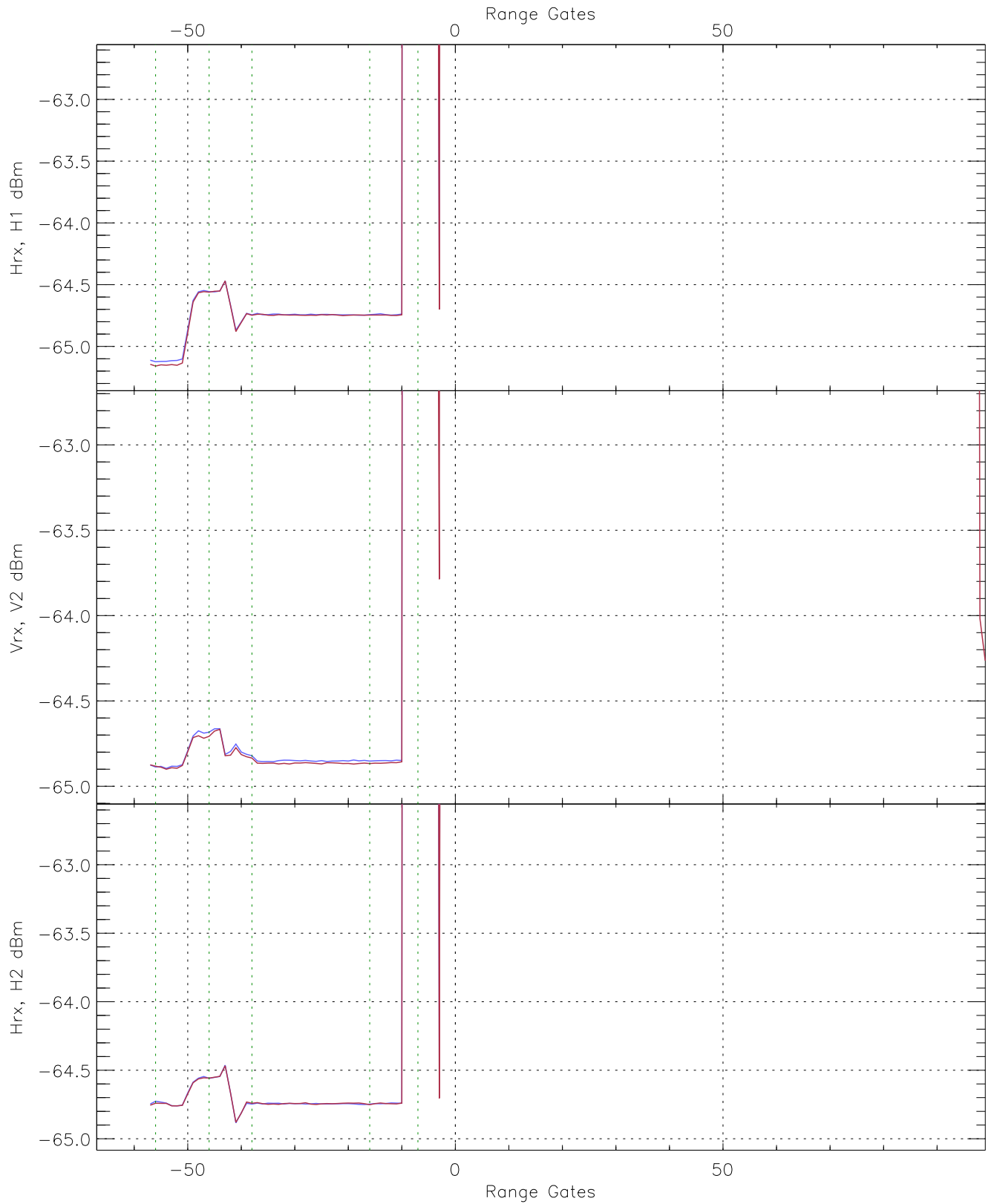
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG329_0 [dBm]	-66.66	-63.84	-65.14	-65.15	-76.60
V2RM_0 [dBm]	-66.19	-63.77	-64.89	-64.90	-76.40
H2RM_0 [dBm]	-66.16	-63.46	-64.77	-64.77	-76.28

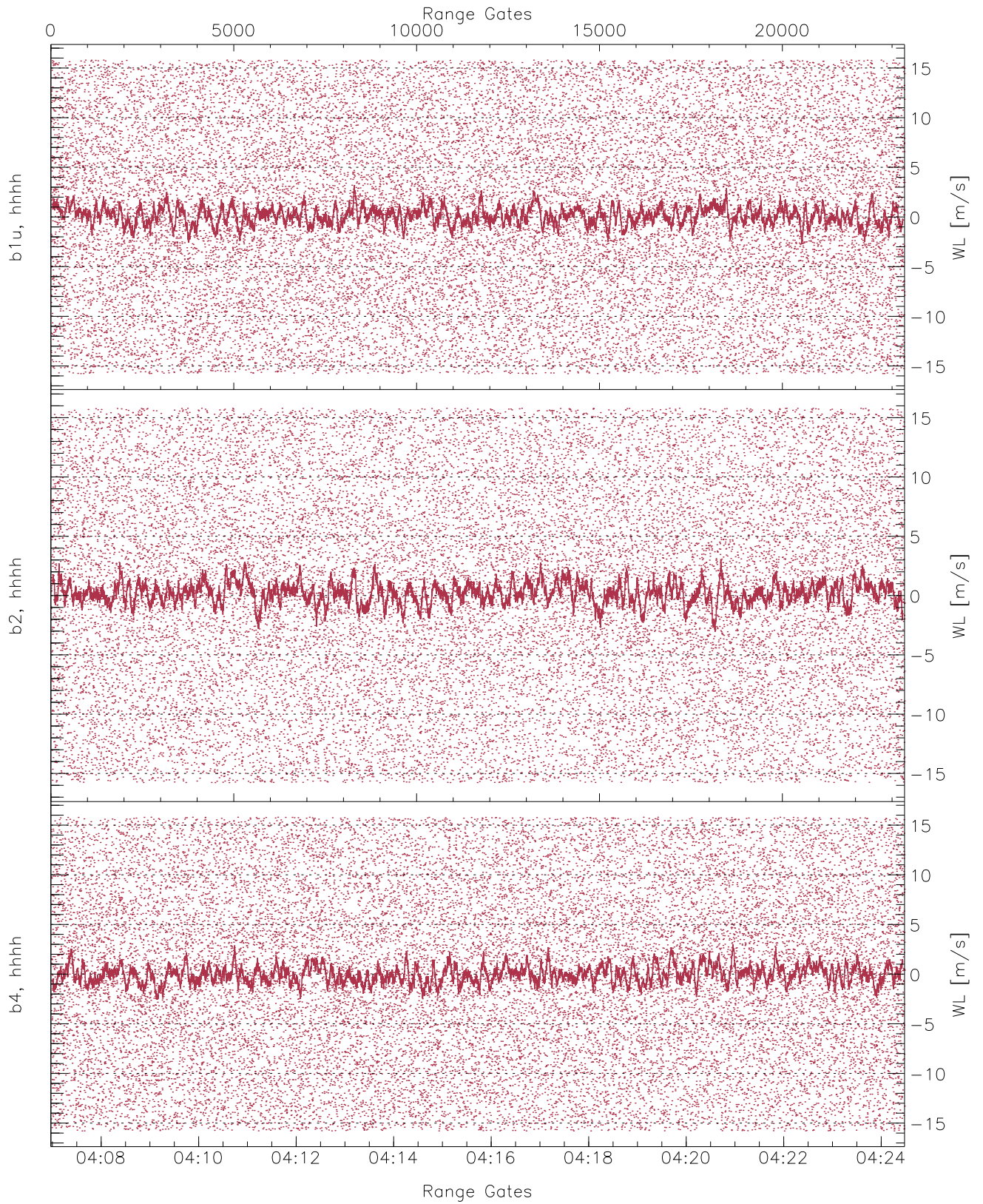




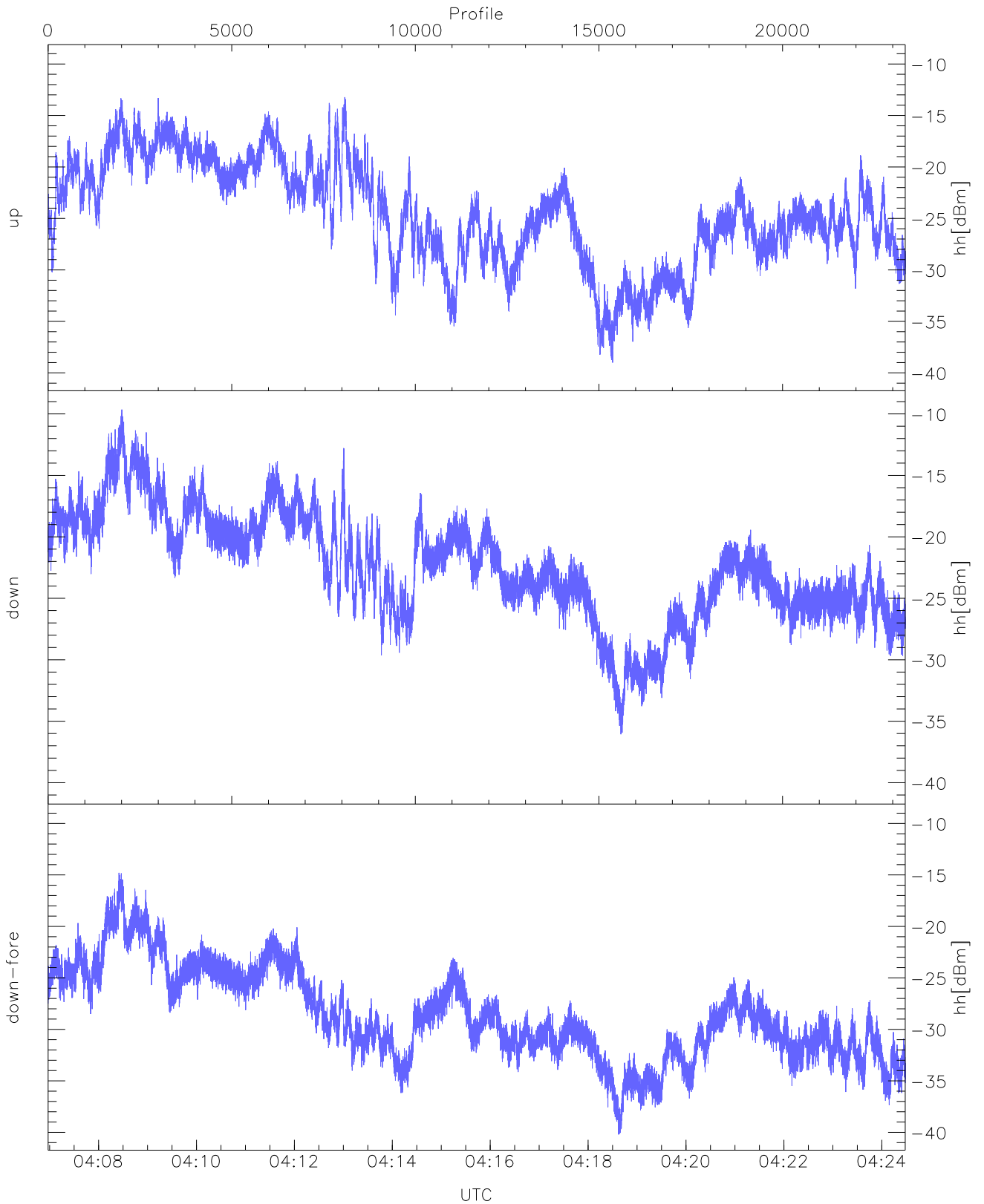
WCR3 CPP Averaged Received power for all recorded gates  
blue: 040658-041543, 11672 profiles averaged  
red: 041543-042429, 11671 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 040658-041543, 11672 profiles averaged  
red: 041543-042429, 11671 profiles averaged

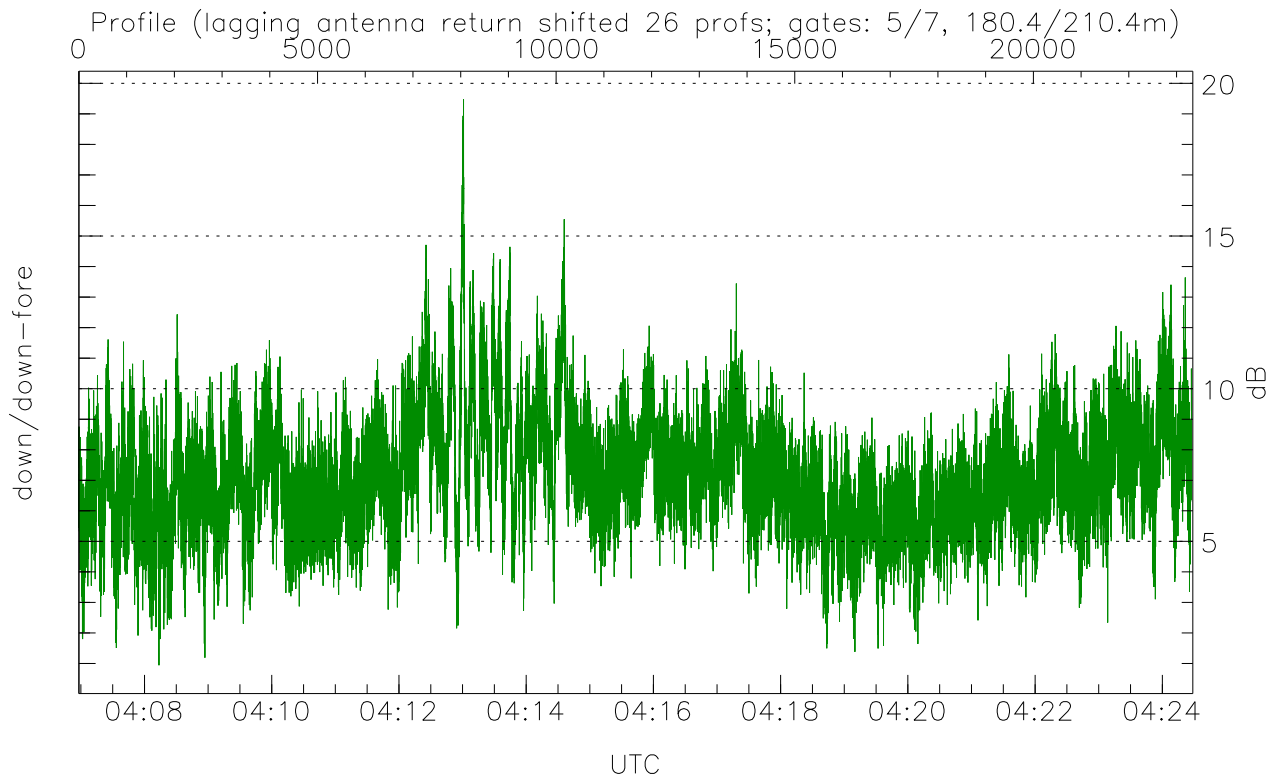
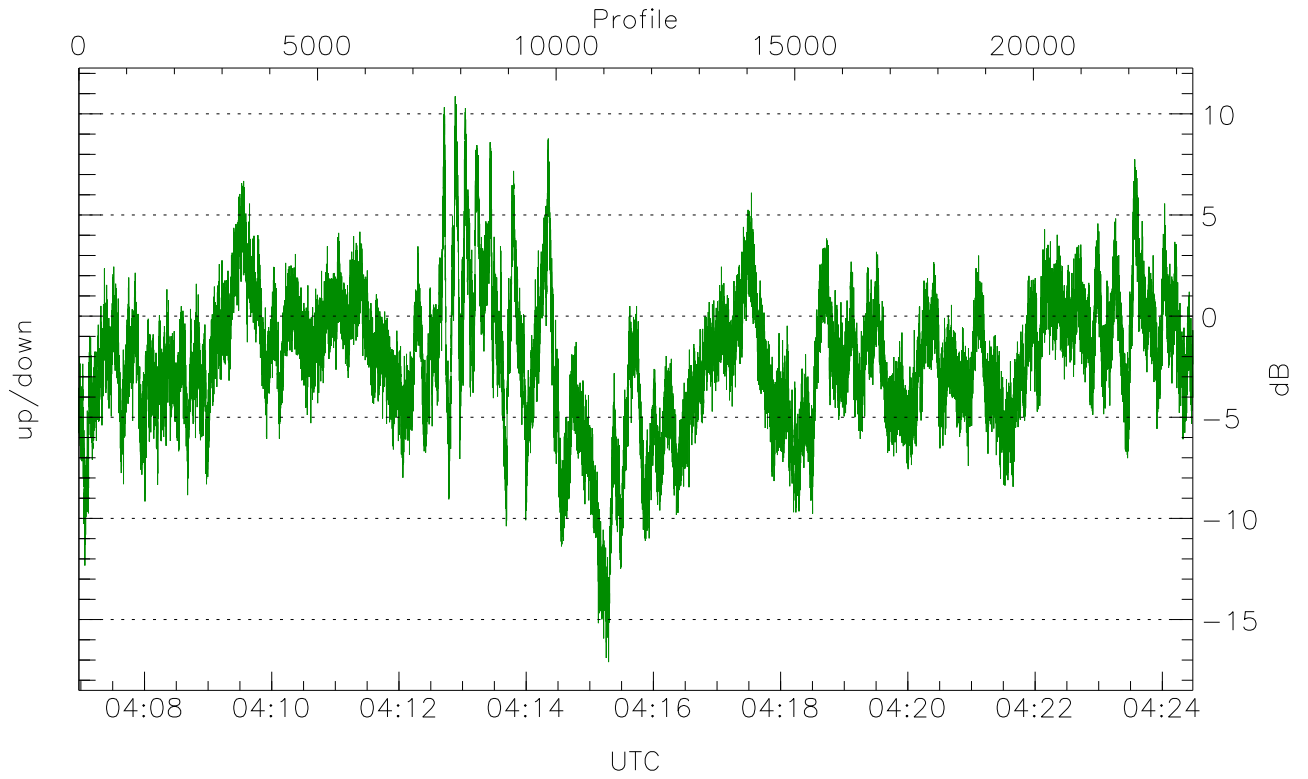


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



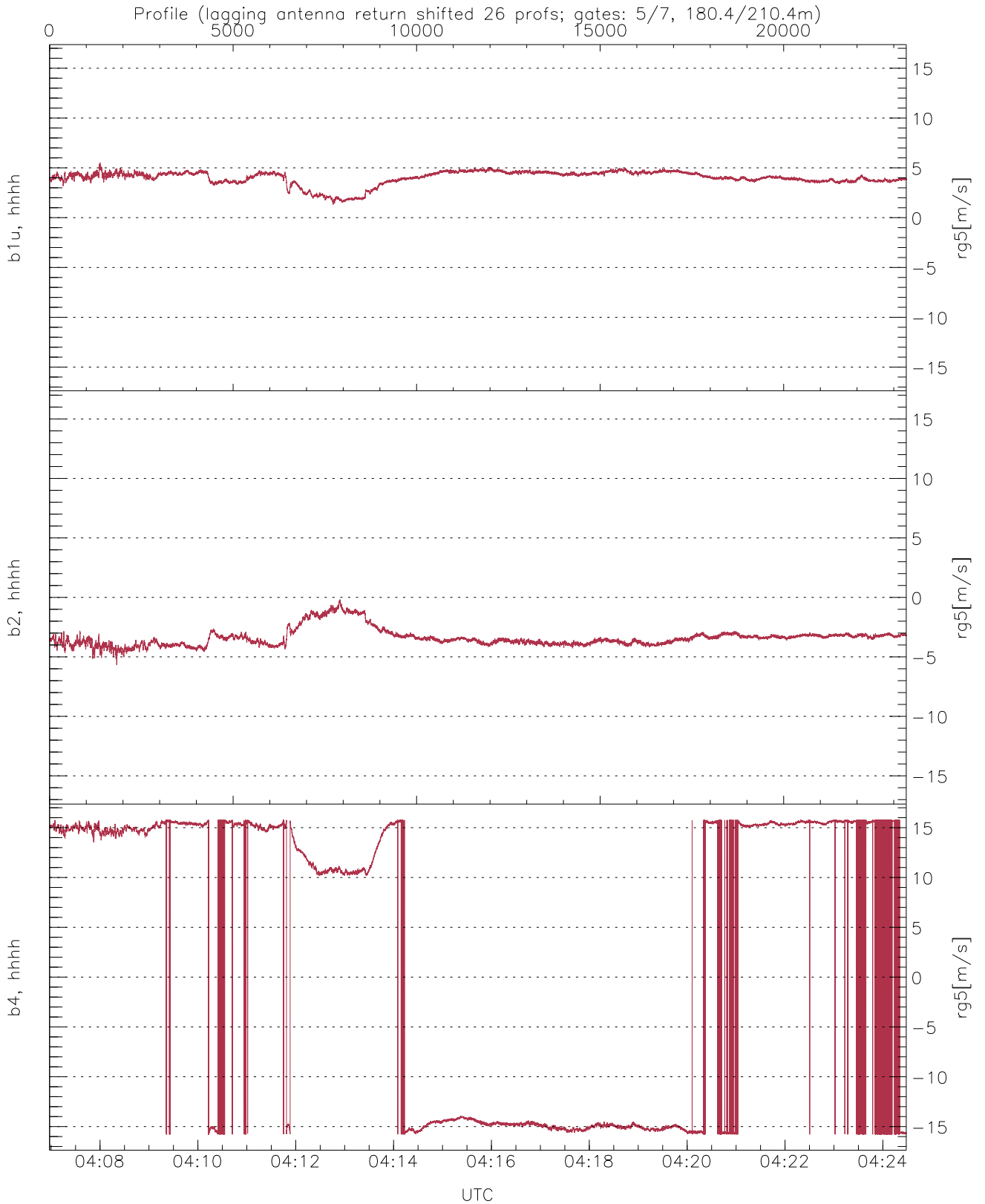
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-39.01	-13.22	-22.13
down(hh[dBm])	-36.06	-9.64	-20.42
down-fore(hh[dBm])	-40.21	-14.79	-26.25



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

	Min	Max	Mean
up/down (dB)	-17.10	10.87	-2.17
down/down-fore (dB)	0.94	19.47	7.18



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.32	5.52	4.00	0.71
b2, hhhh(rg5[m/s])	-5.66	-0.18	-3.40	0.74
b4, hhhh(rg5[m/s])	-15.79	15.79	2.12	14.67