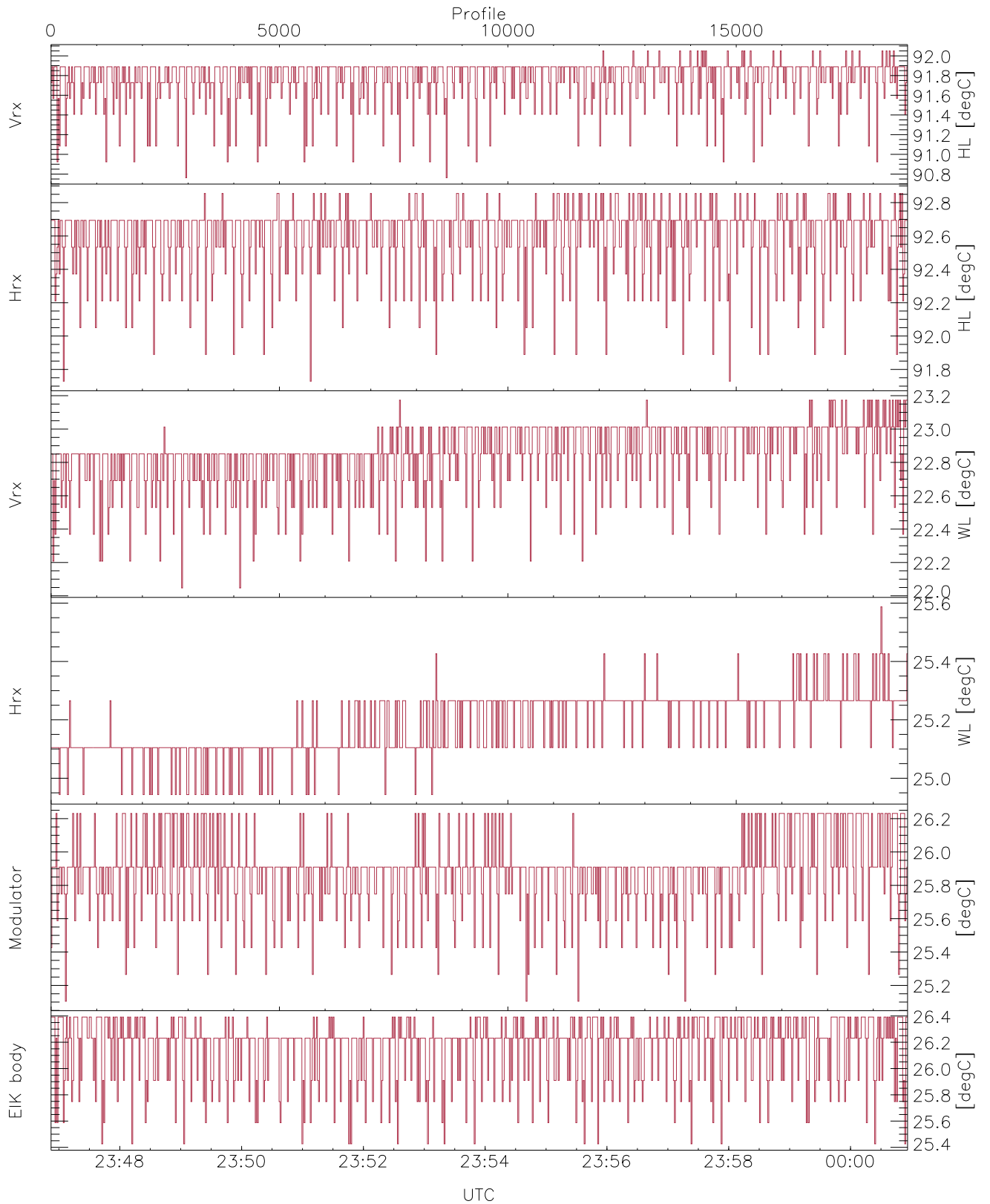


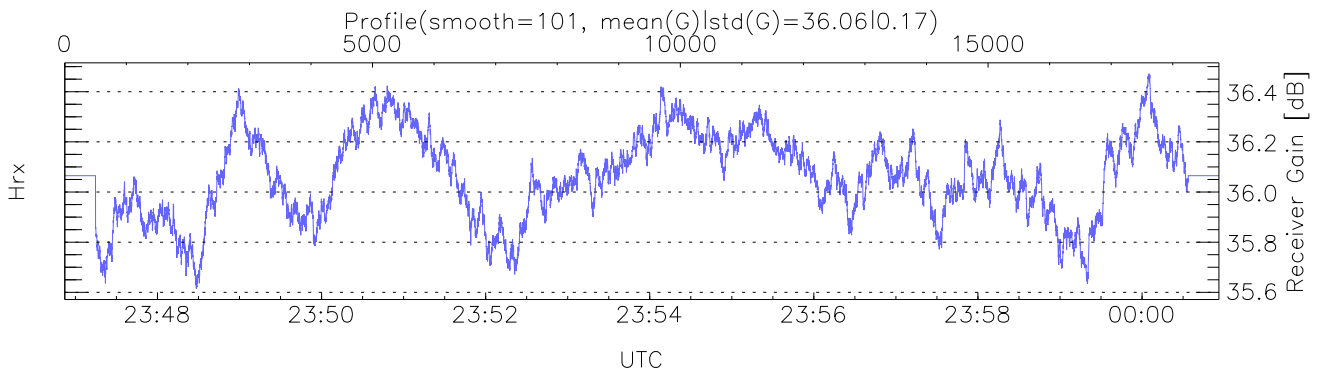
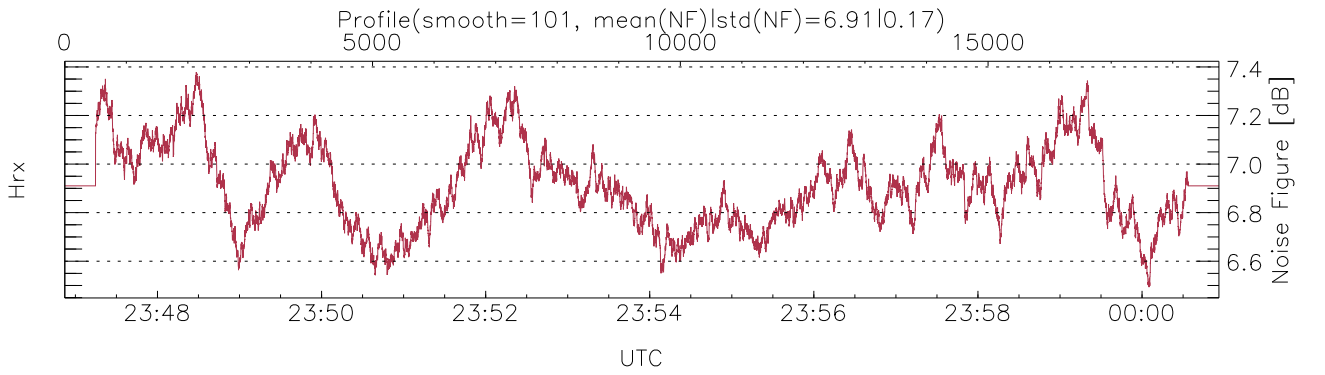
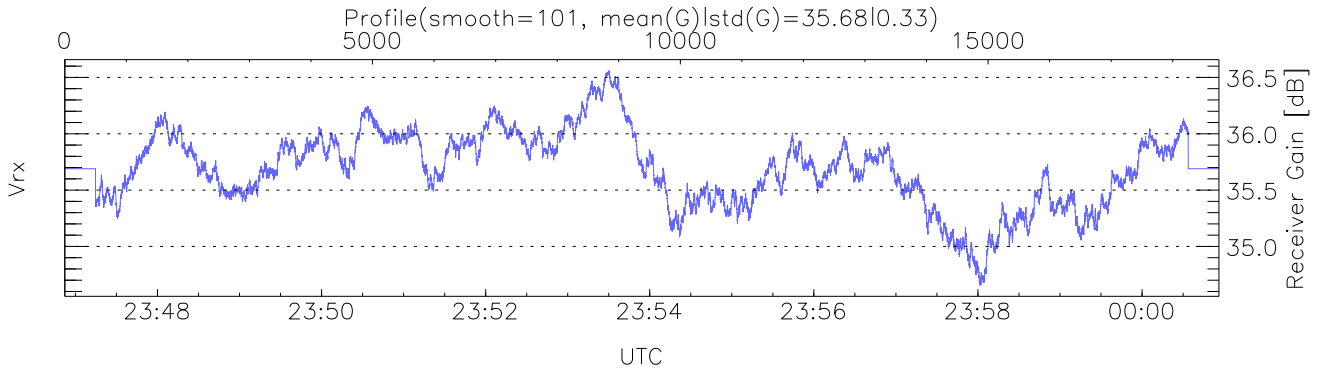
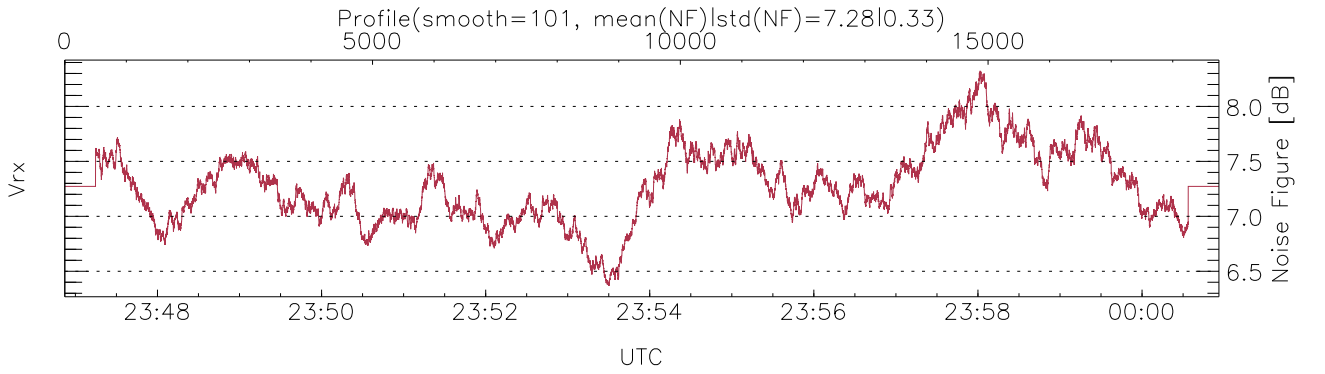
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:46:52-00:00:56, TimeCor: 0.00s, Dur: 844.01s  
 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): 18752/18752, 0-18751/23:46:52-00:00:56  
 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



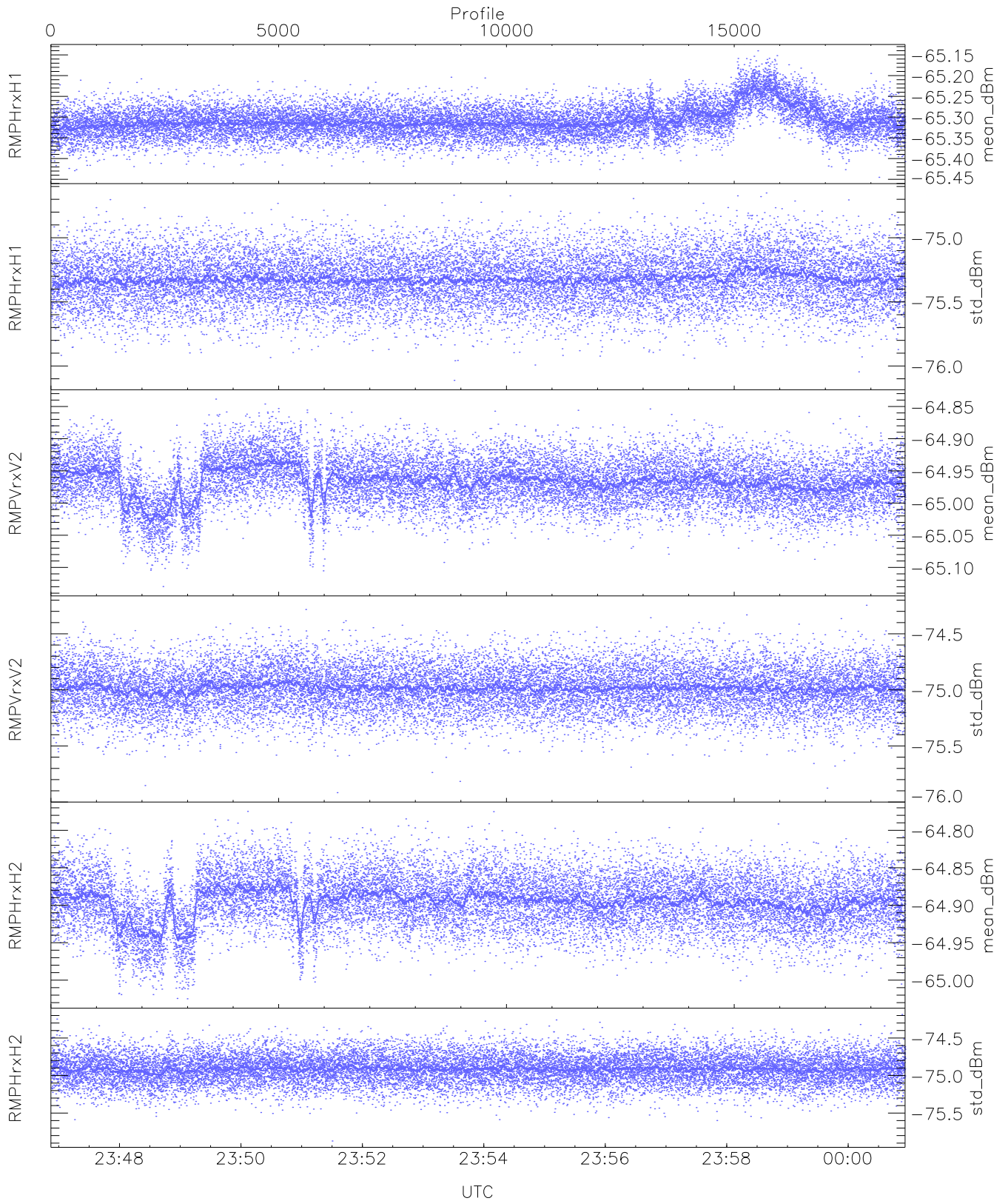
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,25,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,26,26`  
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`  
`EIK Faults(# prof affected):`  
`DeckF (22)`



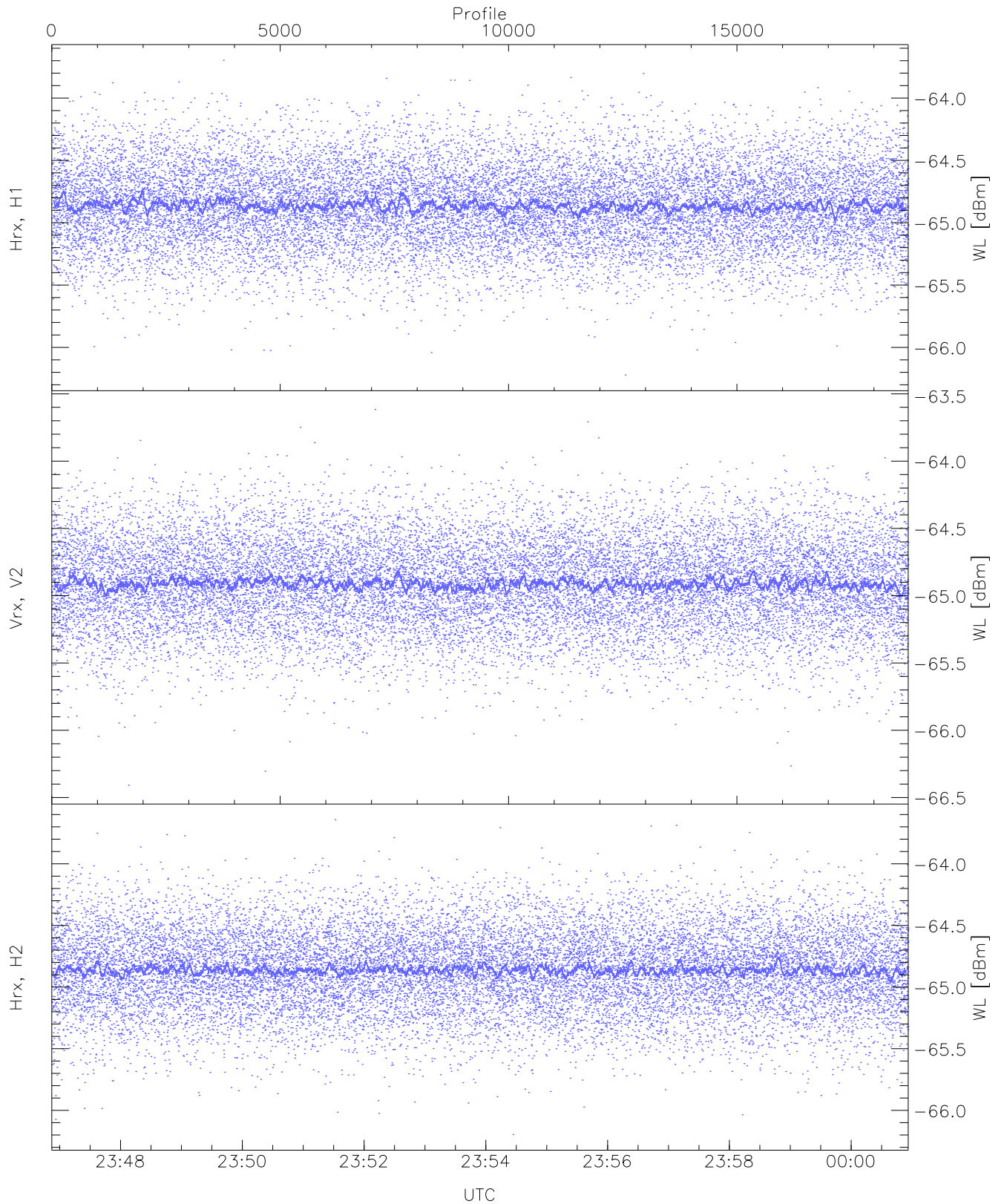
### WCR3 CPP Receivers Gain and Noise Figure

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



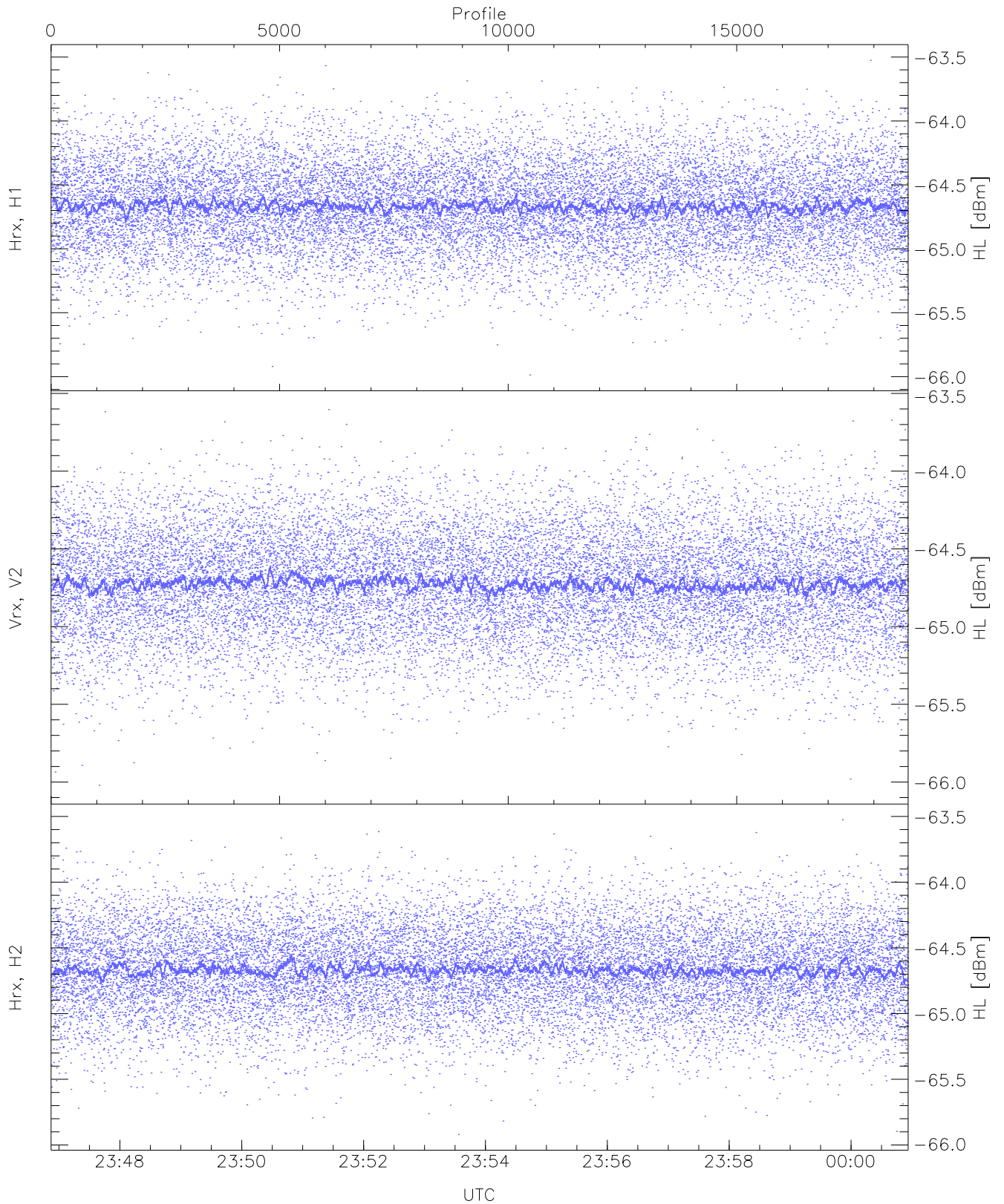
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.14	-65.31	-65.31	-86.04
RMPHrxH1(std_dBm)	-76.11	-74.65	-75.32	-75.32	-89.08
RMPVrxV2(mean_dBm)	-65.13	-64.84	-64.97	-64.97	-85.87
RMPVrxV2(std_dBm)	-75.92	-74.25	-74.98	-74.99	-88.76
RMPHrxH2(mean_dBm)	-65.02	-64.77	-64.90	-64.89	-86.00
RMPHrxH2(std_dBm)	-75.87	-74.19	-74.91	-74.91	-88.70



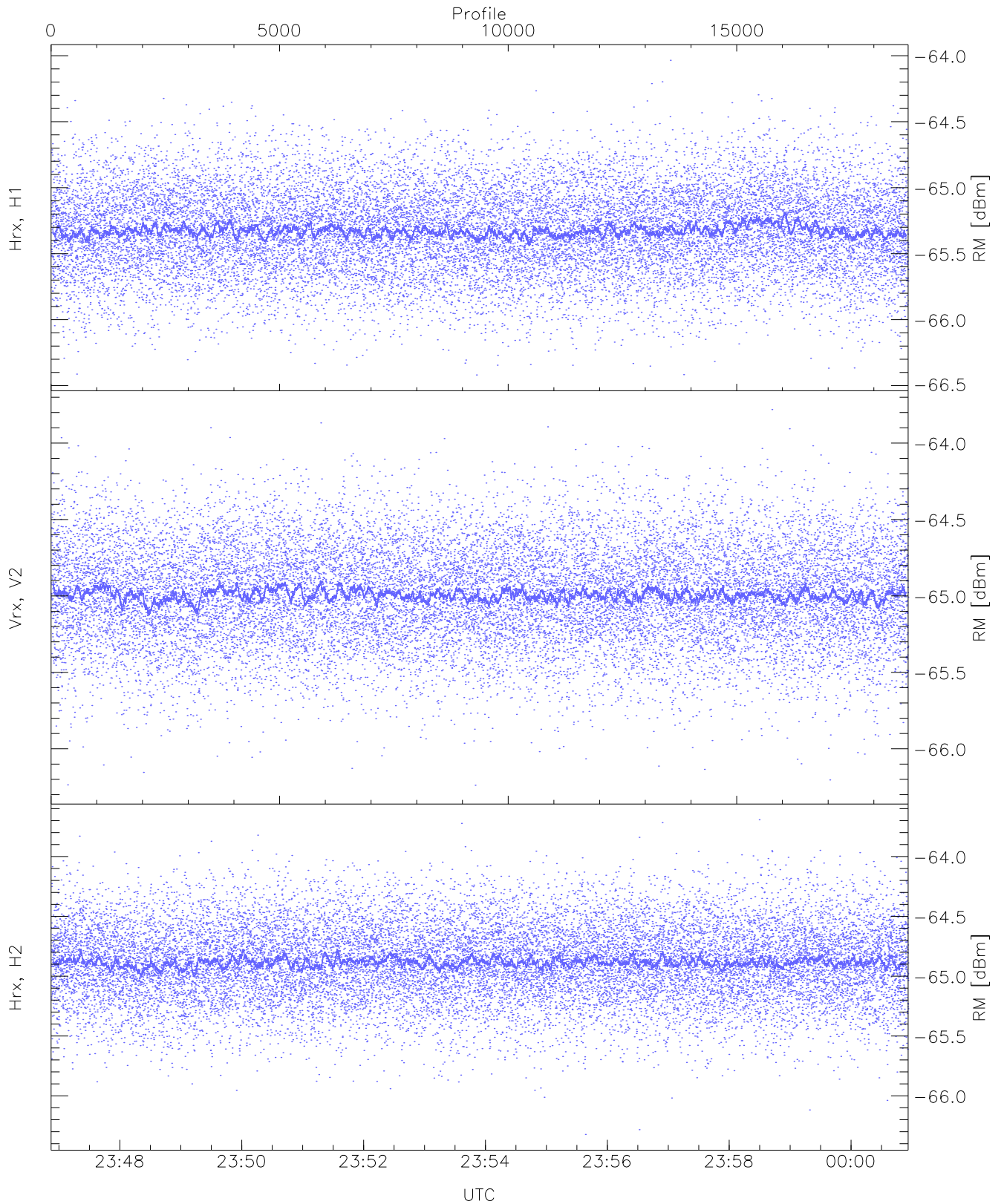
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.22	-63.70	-64.86	-64.87	-76.37
Vrx, V2 (WL [dBm])	-66.41	-63.62	-64.90	-64.91	-76.42
Hrx, H2 (WL [dBm])	-66.20	-63.64	-64.85	-64.86	-76.37



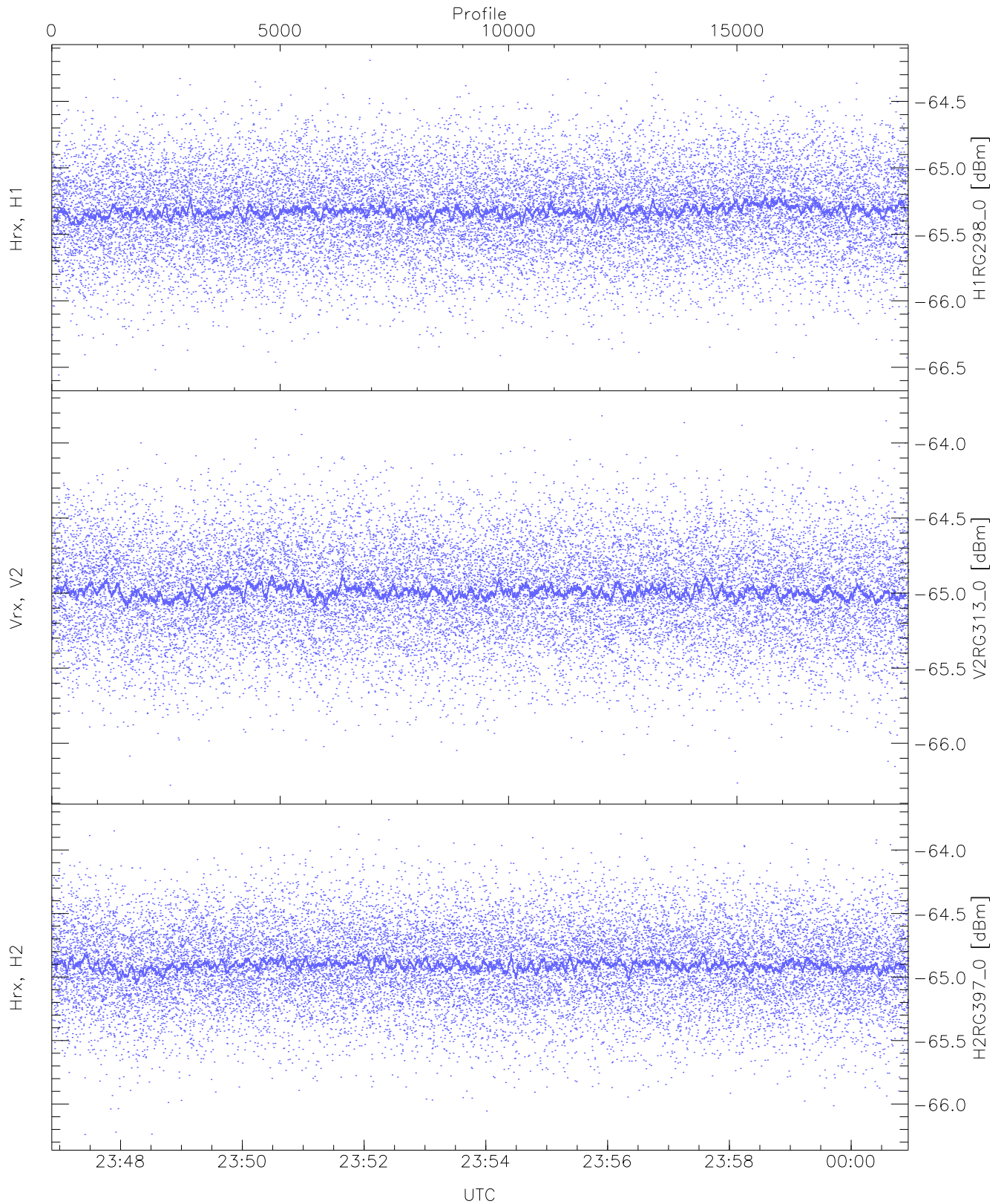
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.99	-63.53	-64.66	-64.67	-76.12
Vrx, V2 (HL [dBm])	-66.02	-63.60	-64.72	-64.72	-76.21
Hrx, H2 (HL [dBm])	-65.92	-63.53	-64.66	-64.67	-76.23



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

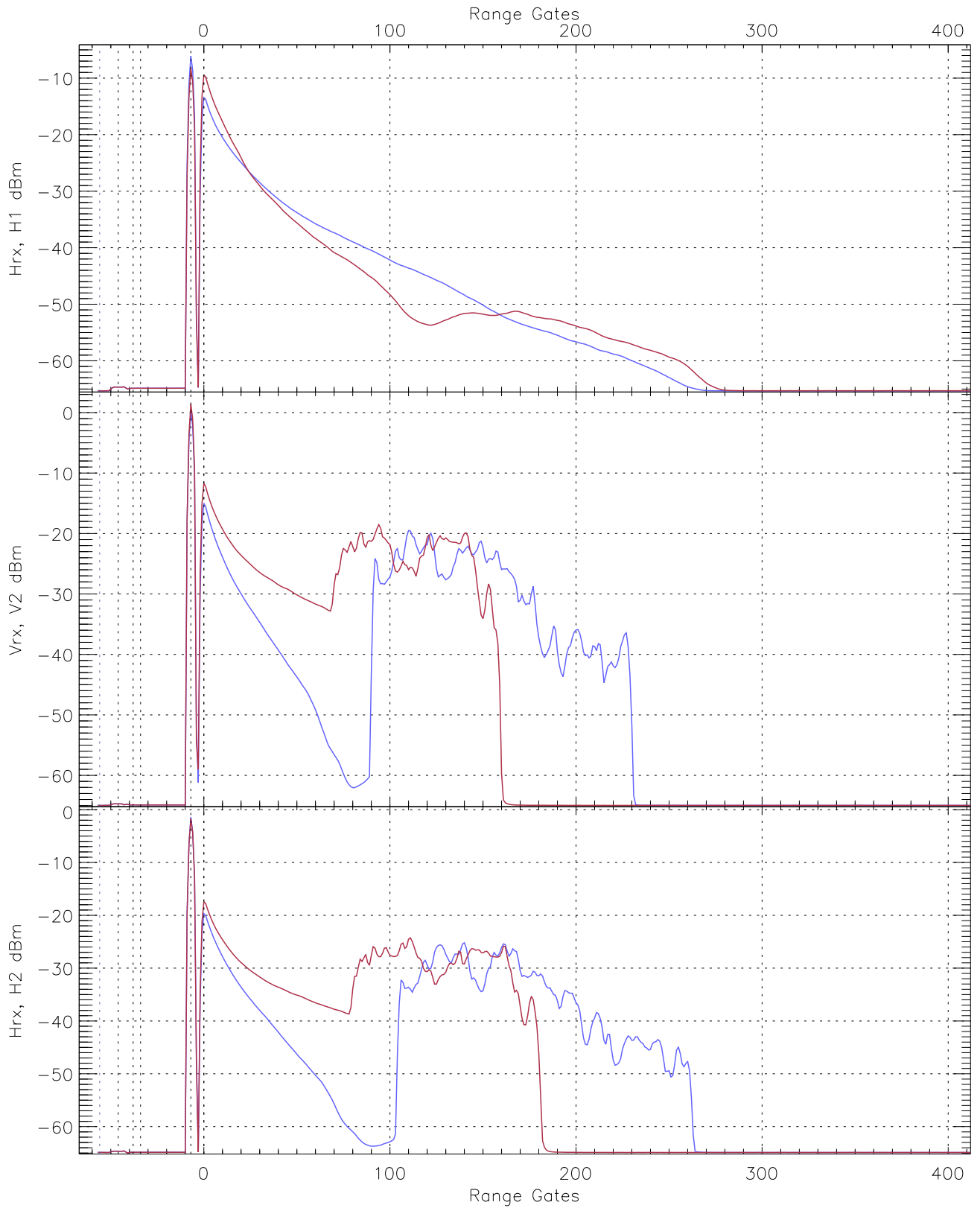
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.42	-64.04	-65.32	-65.33	-76.80
Vrx, V2 (RM [dBm])	-66.24	-63.78	-64.98	-64.99	-76.46
Hrx, H2 (RM [dBm])	-66.32	-63.69	-64.88	-64.89	-76.39



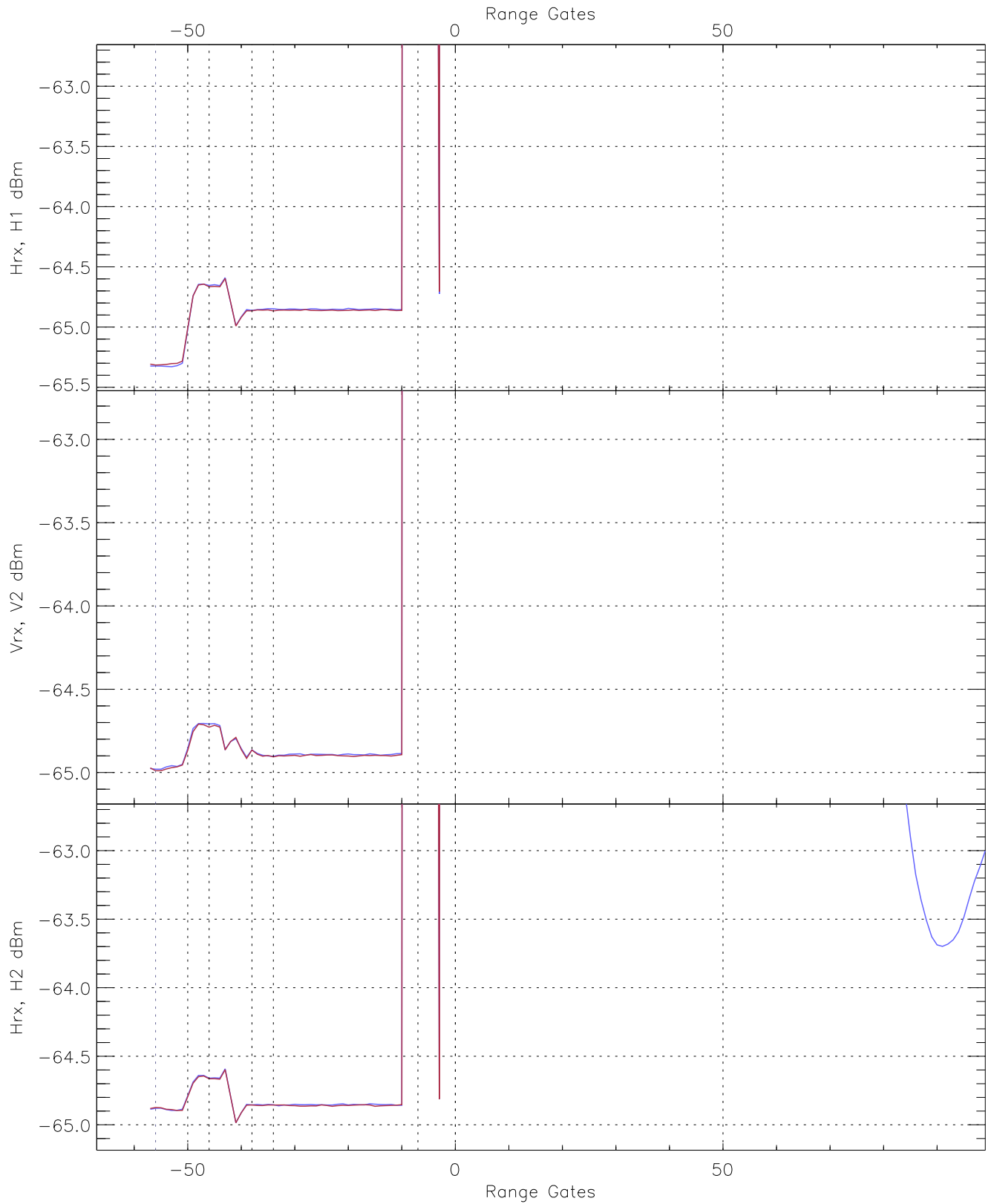
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG298_0 [dBm]	-66.56	-64.19	-65.32	-65.33	-76.81
V2RG313_0 [dBm]	-66.28	-63.78	-64.98	-64.99	-76.49
H2RG397_0 [dBm]	-66.24	-63.76	-64.90	-64.91	-76.39

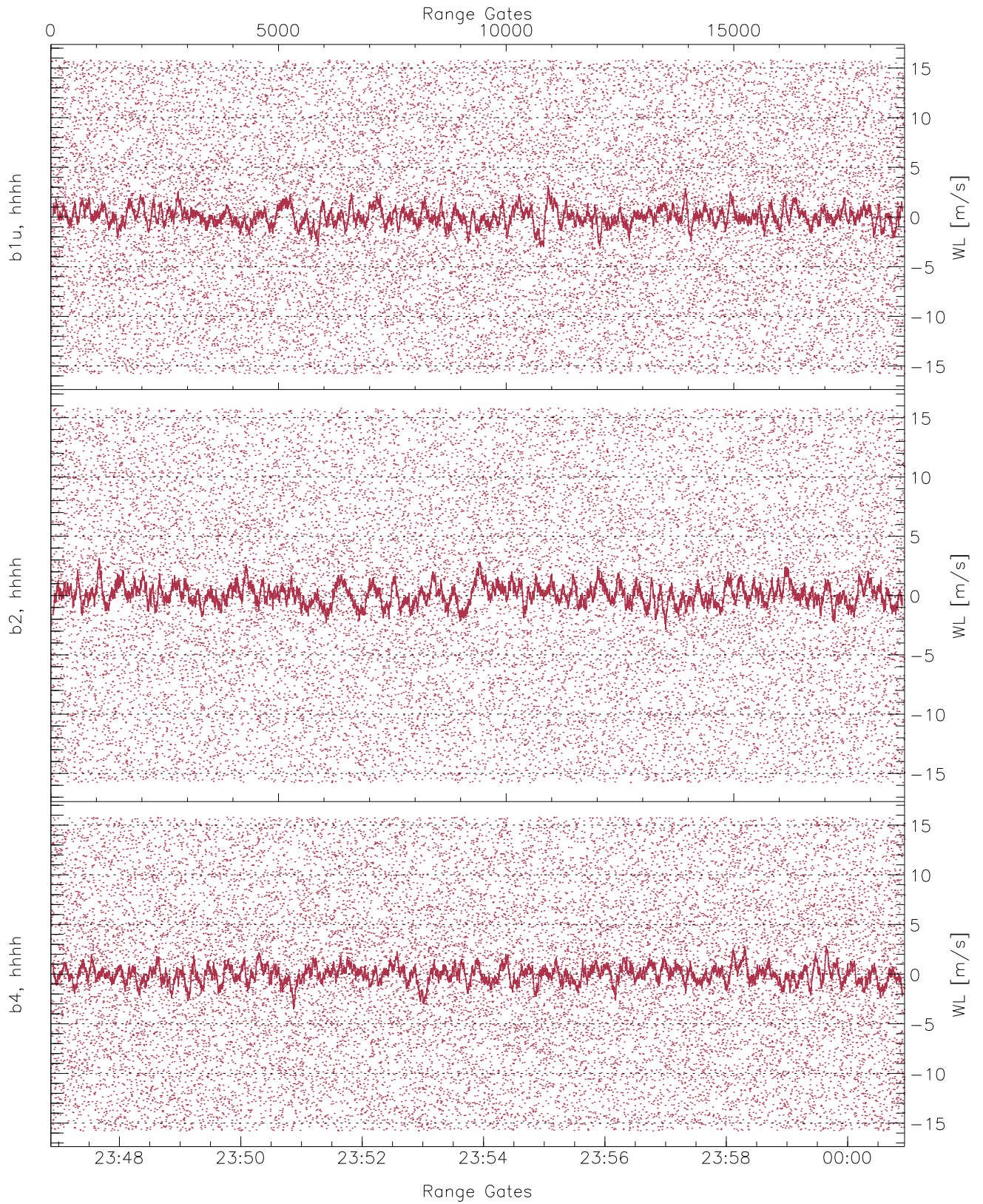




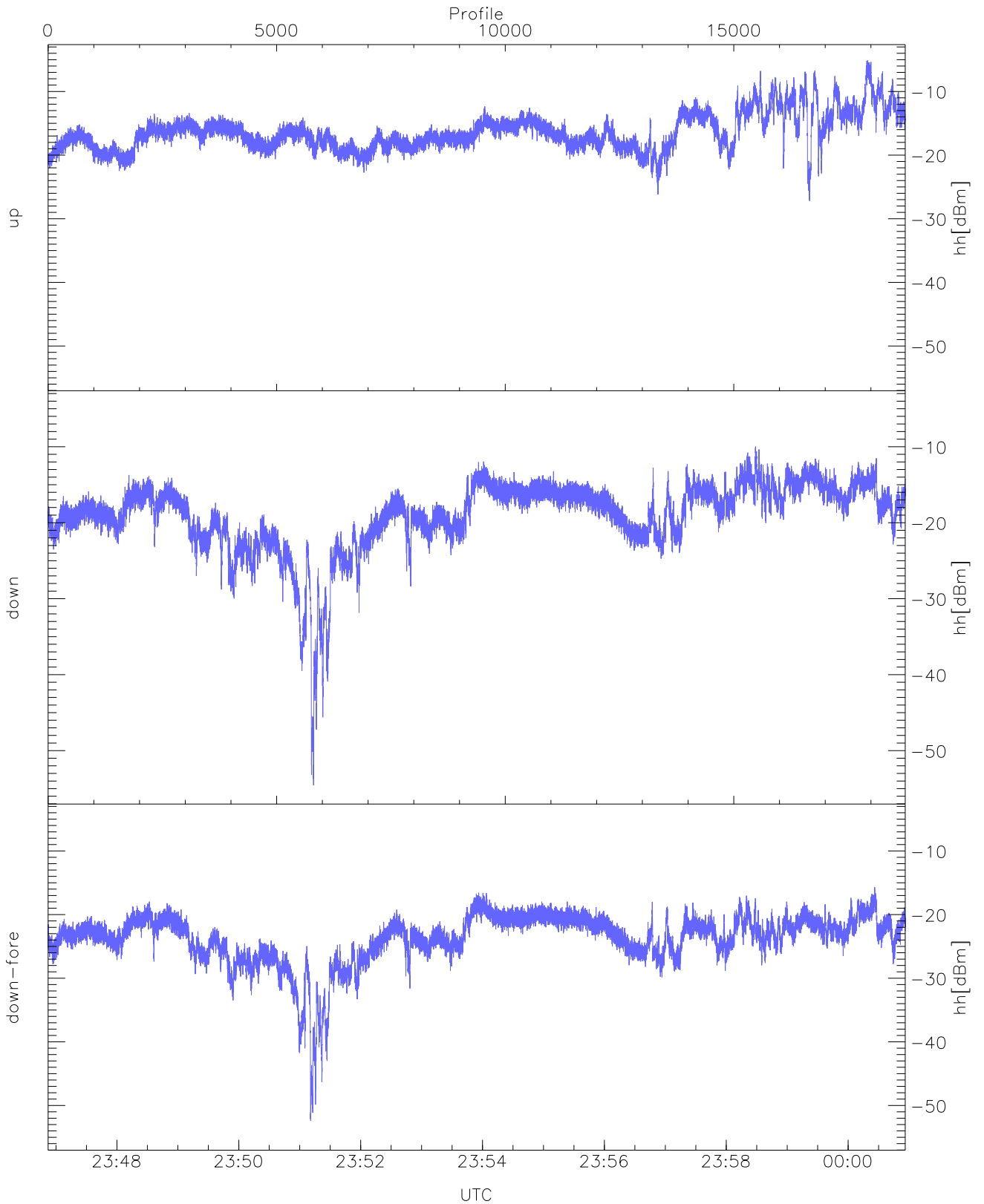
WCR3 CPP Averaged Received power for all recorded gates  
blue: 234652-235354, 9377 profiles averaged  
red: 235354-000056, 9376 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 234652-235354, 9377 profiles averaged  
red: 235354-000056, 9376 profiles averaged

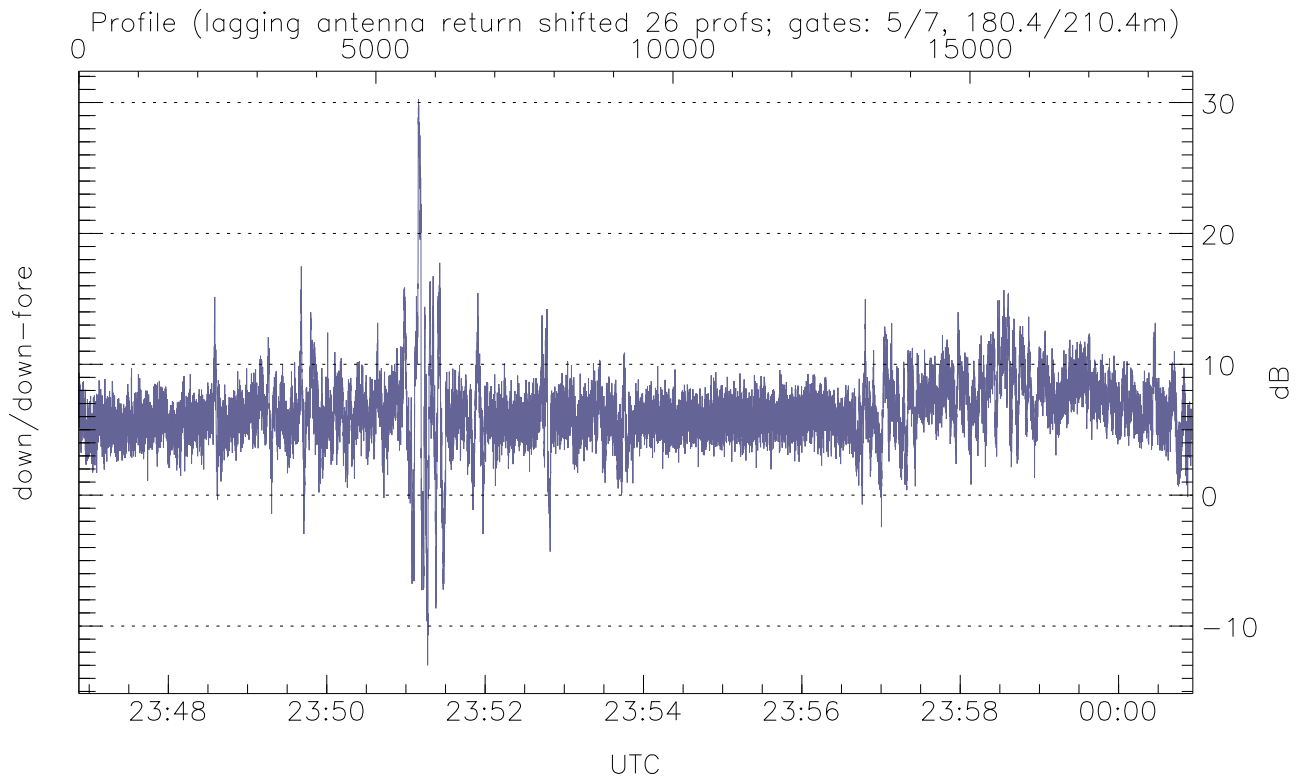
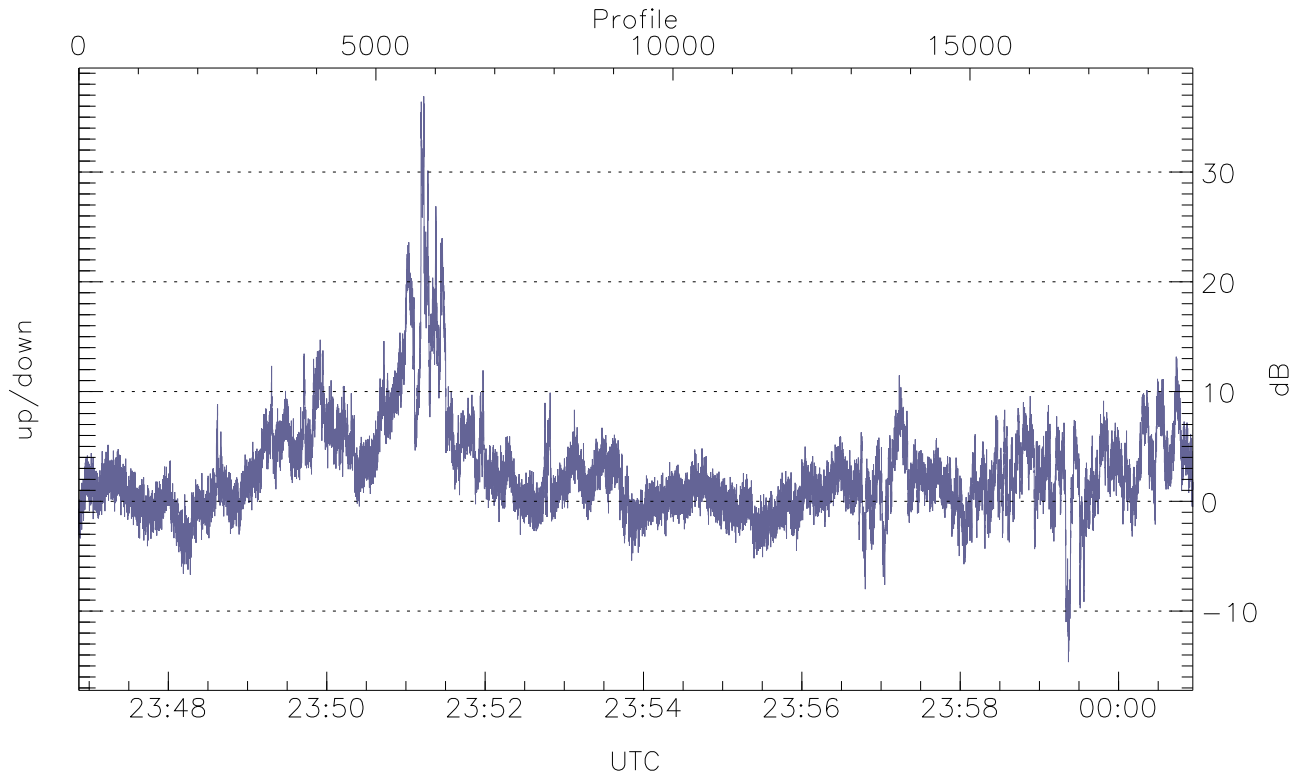


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



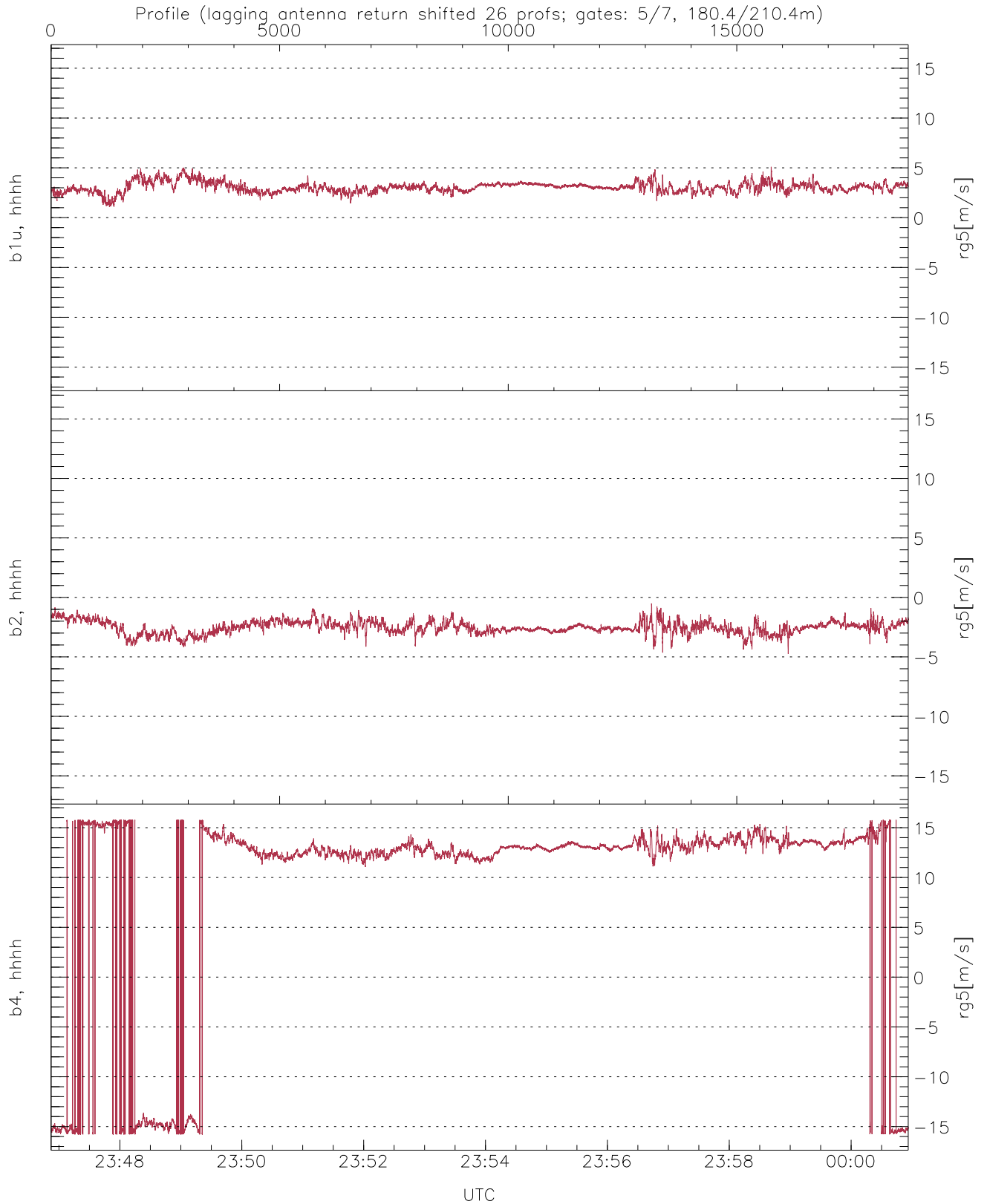
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-27.20	-5.10	-15.33
down(hh[dBm])	-54.56	-9.97	-17.56
down-fore(hh[dBm])	-52.39	-15.71	-22.56



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

	Min	Max	Mean
up/down (dB)	-14.64	36.90	2.69
down/down-fore (dB)	-13.00	30.23	6.31



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.06	5.10	3.05	0.51
b2, hhhh(rg5[m/s])	-4.75	-0.51	-2.53	0.53
b4, hhhh(rg5[m/s])	-15.79	15.79	9.22	9.97