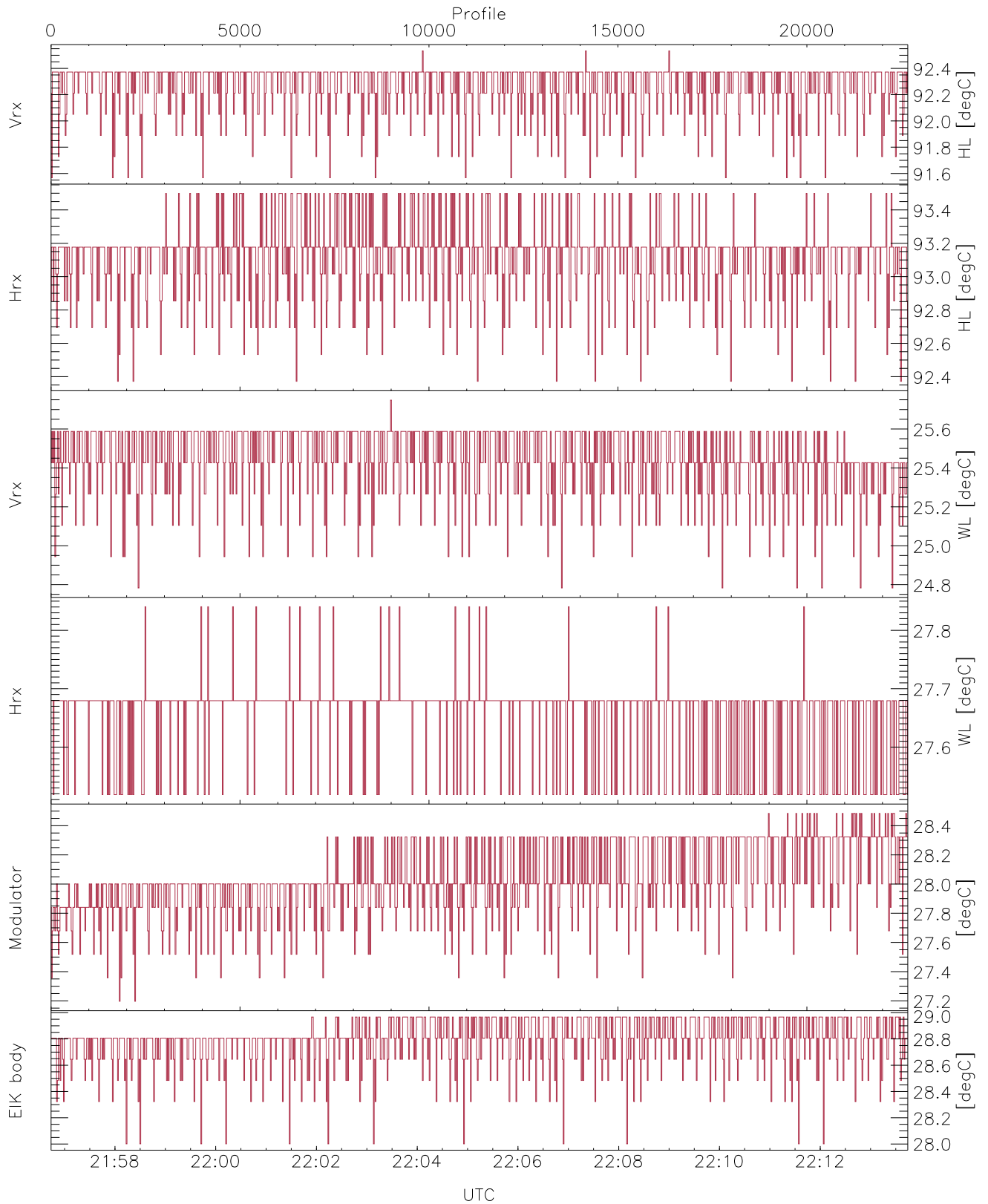


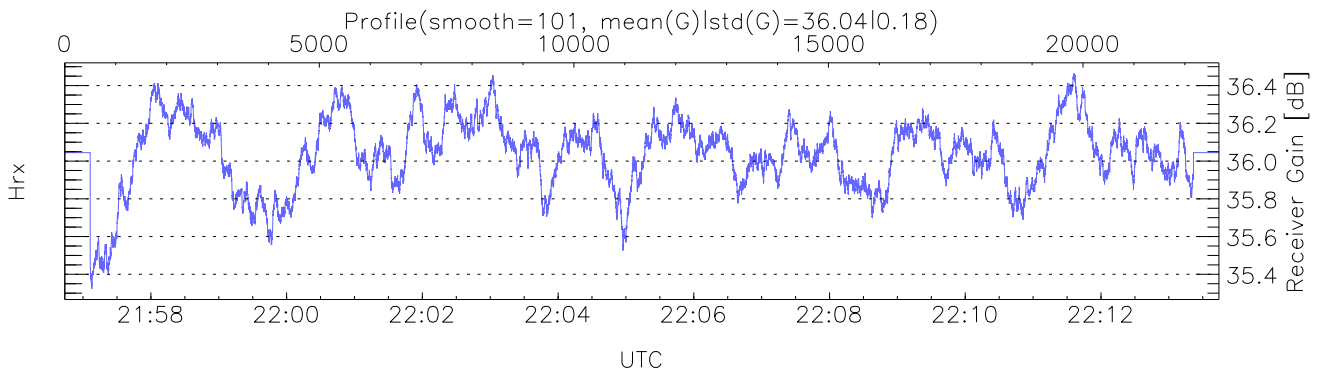
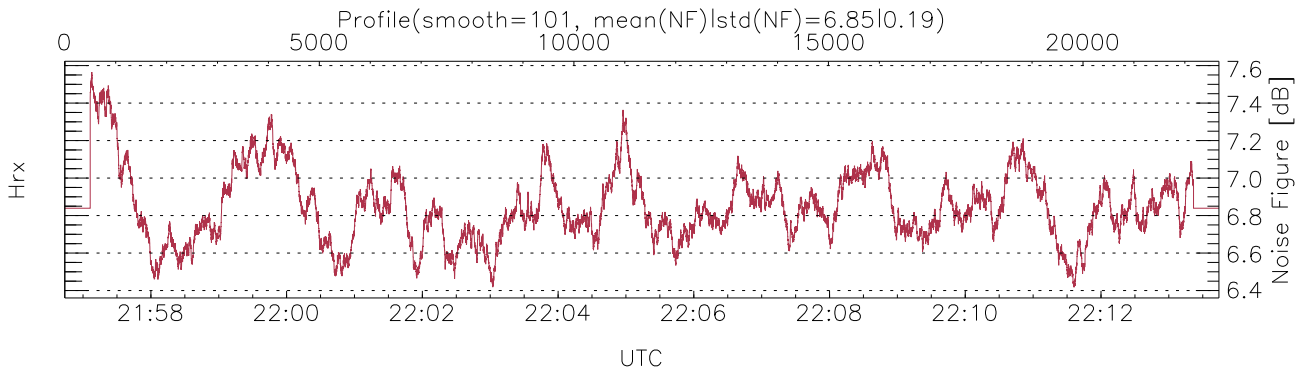
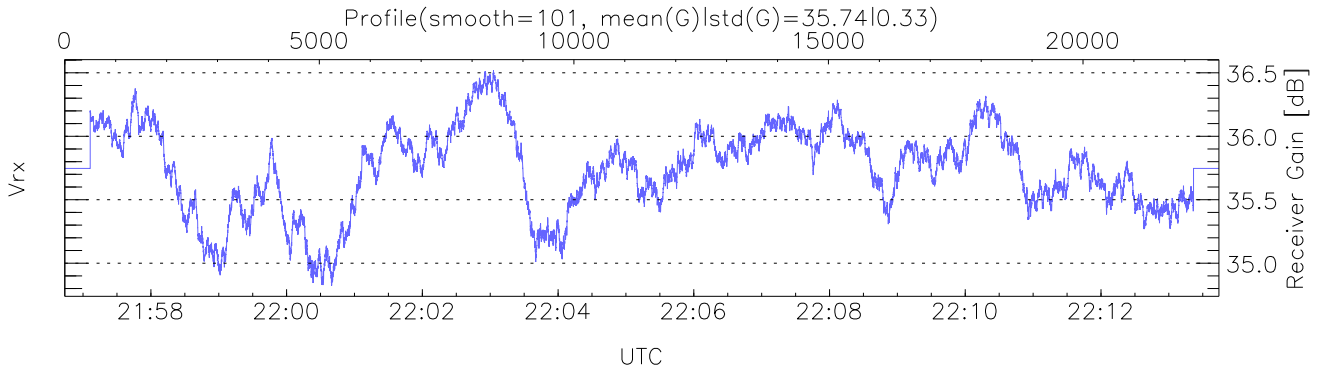
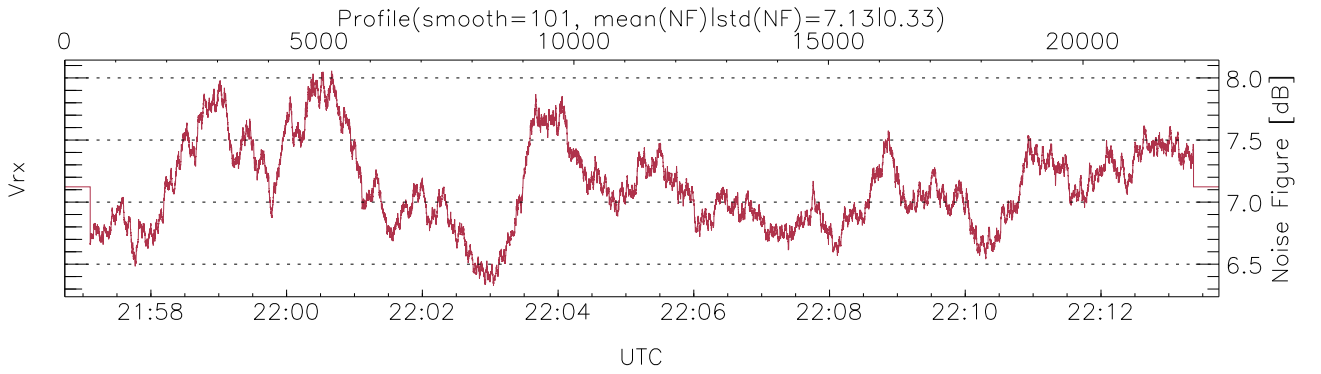
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:56:44-22:13:44, TimeCor: 0.00s, Dur: 1020.45s  
 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): 22672/22672, 0-22671/21:56:44-22:13:44  
 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



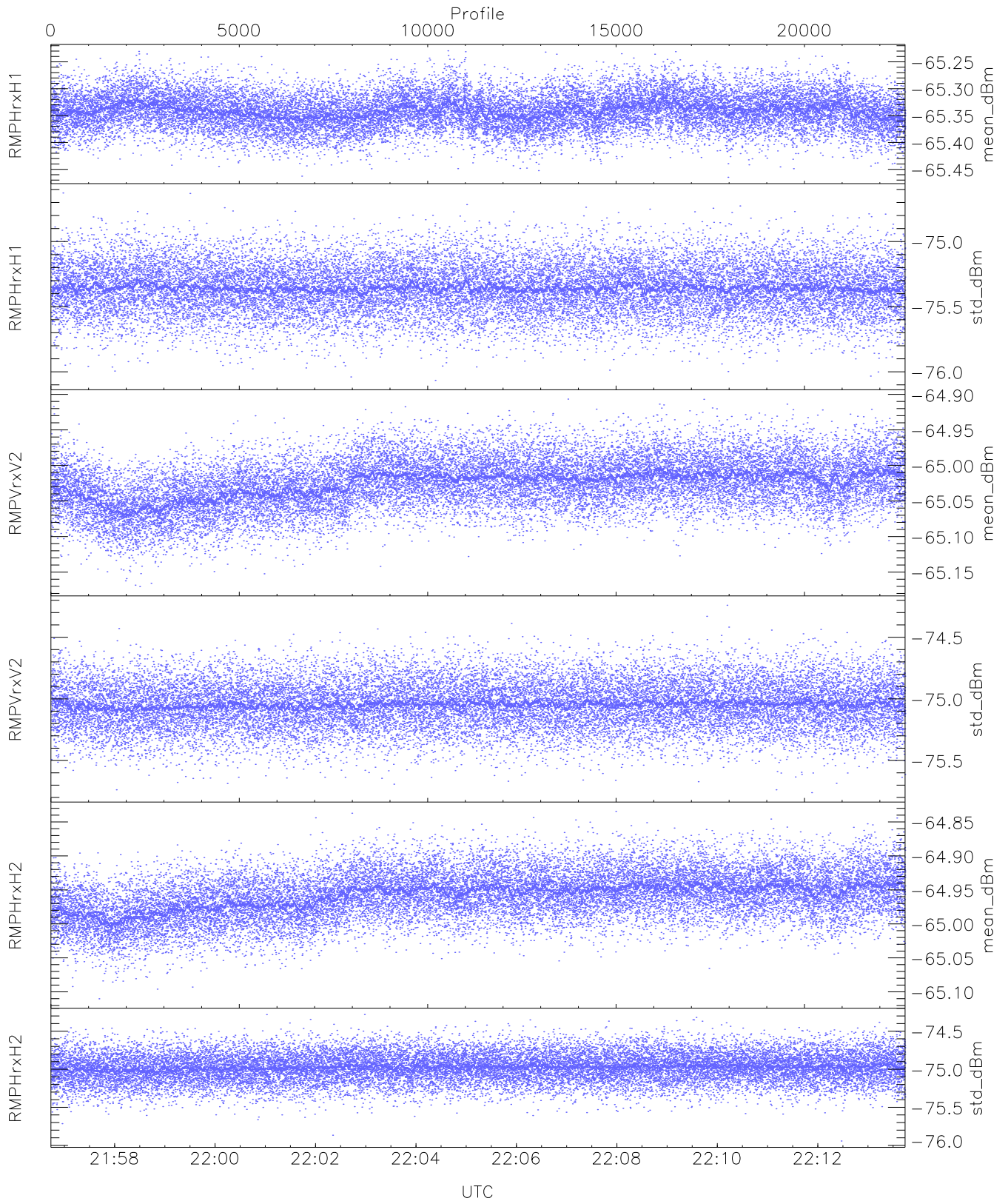
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,28`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,28,28`  
`LOalarm(20,240,2817,14861 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,46,46,46)`



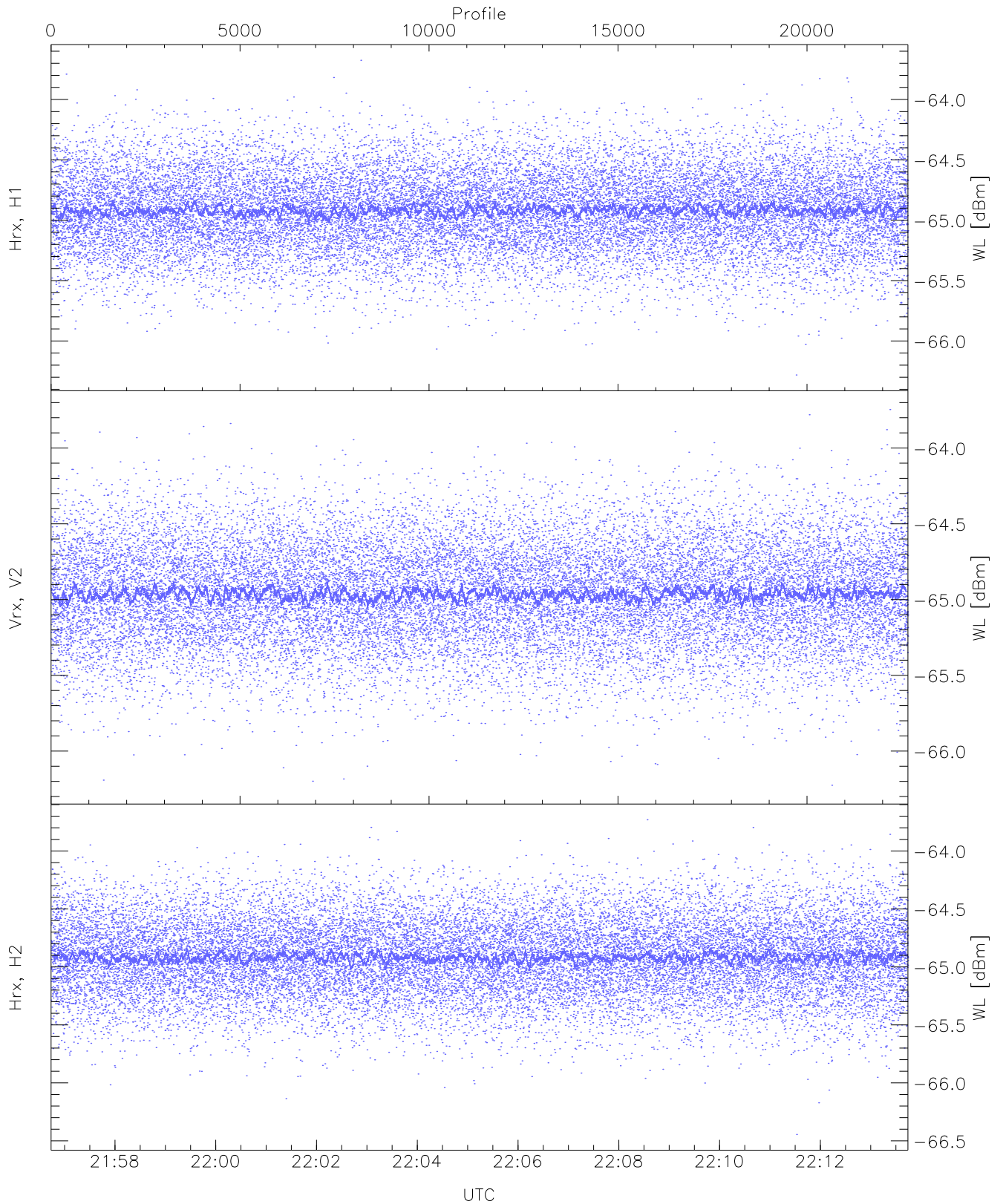
### WCR3 CPP Receivers Gain and Noise Figure

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



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

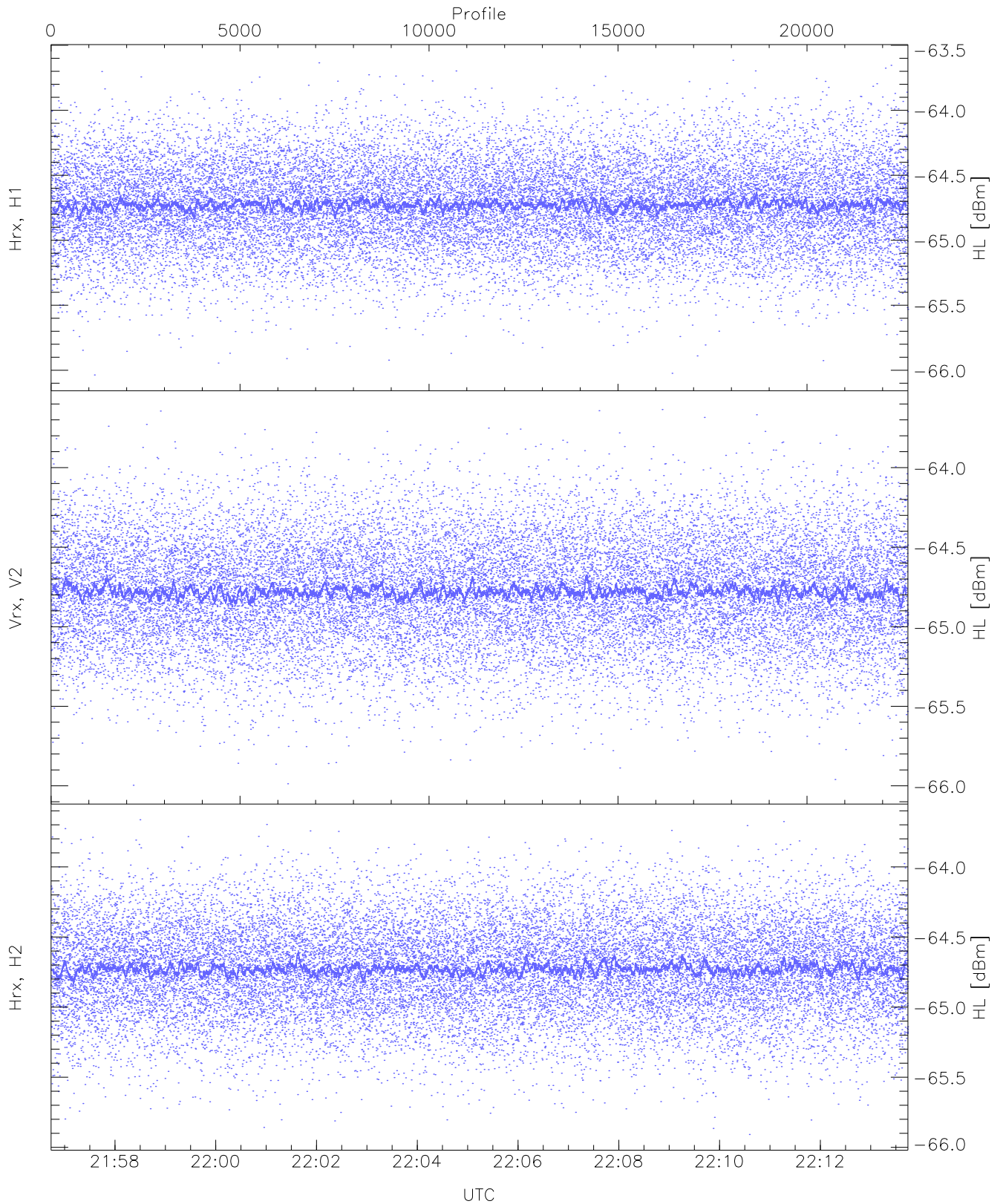
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.23	-65.34	-65.34	-86.73
RMPHrxH1(std_dBm)	-76.07	-74.63	-75.36	-75.36	-89.14
RMPVrxV2(mean_dBm)	-65.17	-64.91	-65.03	-65.03	-86.06
RMPVrxV2(std_dBm)	-75.76	-74.24	-75.04	-75.05	-88.81
RMPHrxH2(mean_dBm)	-65.11	-64.83	-64.96	-64.96	-86.02
RMPHrxH2(std_dBm)	-75.94	-74.28	-74.97	-74.98	-88.75



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

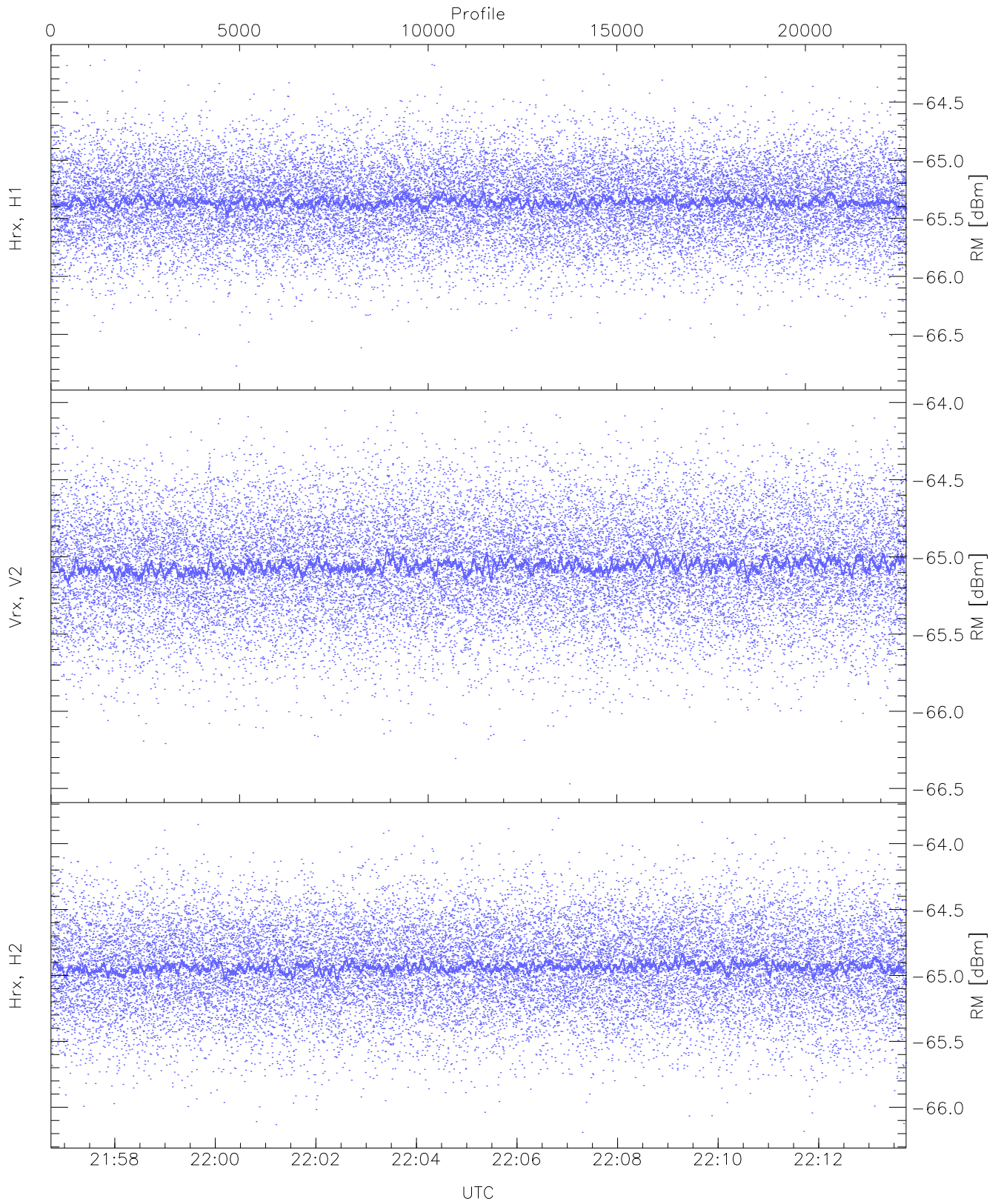
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.28	-63.68	-64.91	-64.92	-76.43
Vrx, V2 (WL [dBm])	-66.23	-63.75	-64.96	-64.96	-76.46
Hrx, H2 (WL [dBm])	-66.45	-63.73	-64.91	-64.92	-76.39





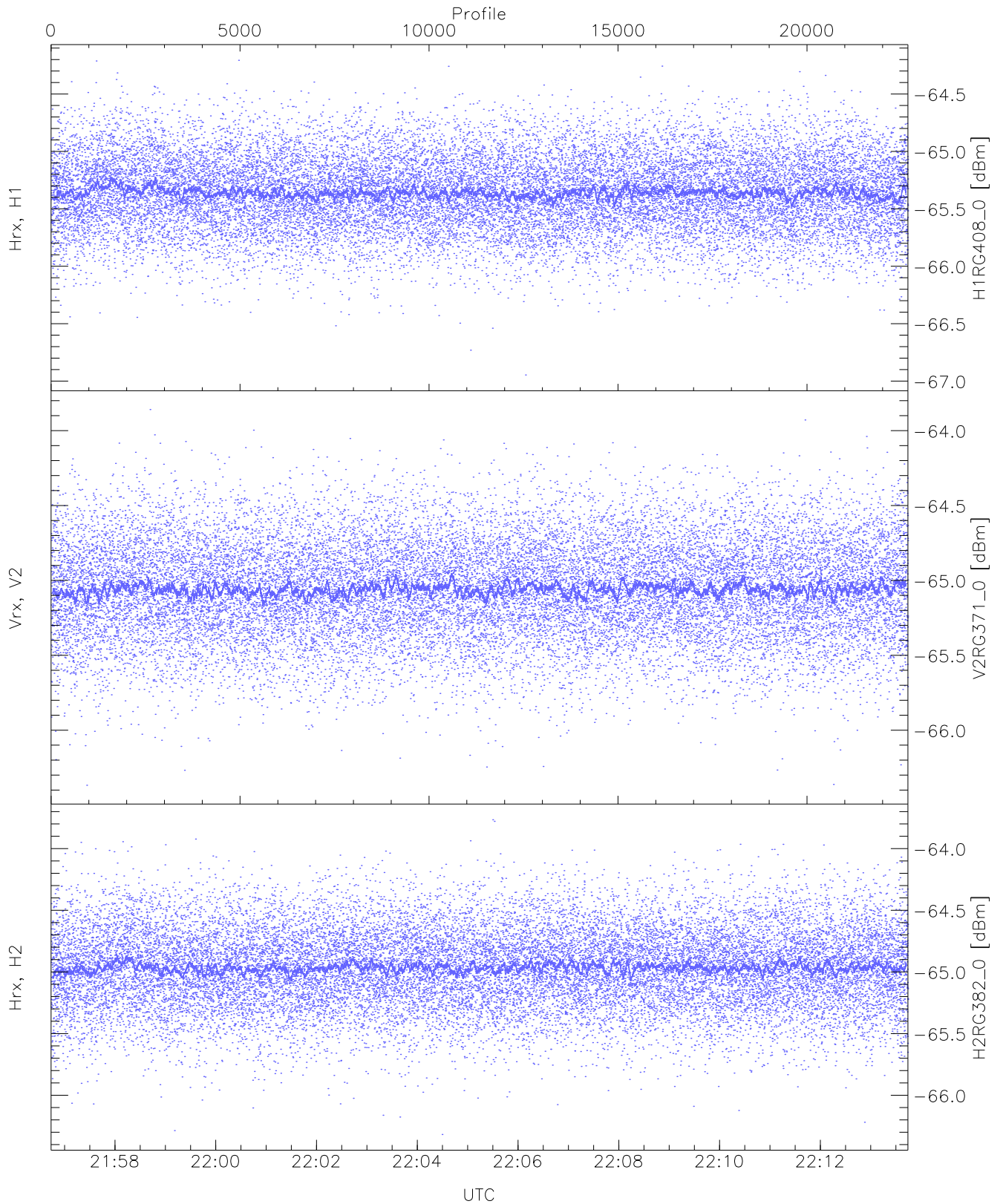
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.04	-63.62	-64.72	-64.73	-76.21
Vrx, V2 (HL [dBm])	-66.00	-63.63	-64.77	-64.78	-76.28
Hrx, H2 (HL [dBm])	-65.91	-63.66	-64.72	-64.73	-76.25



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

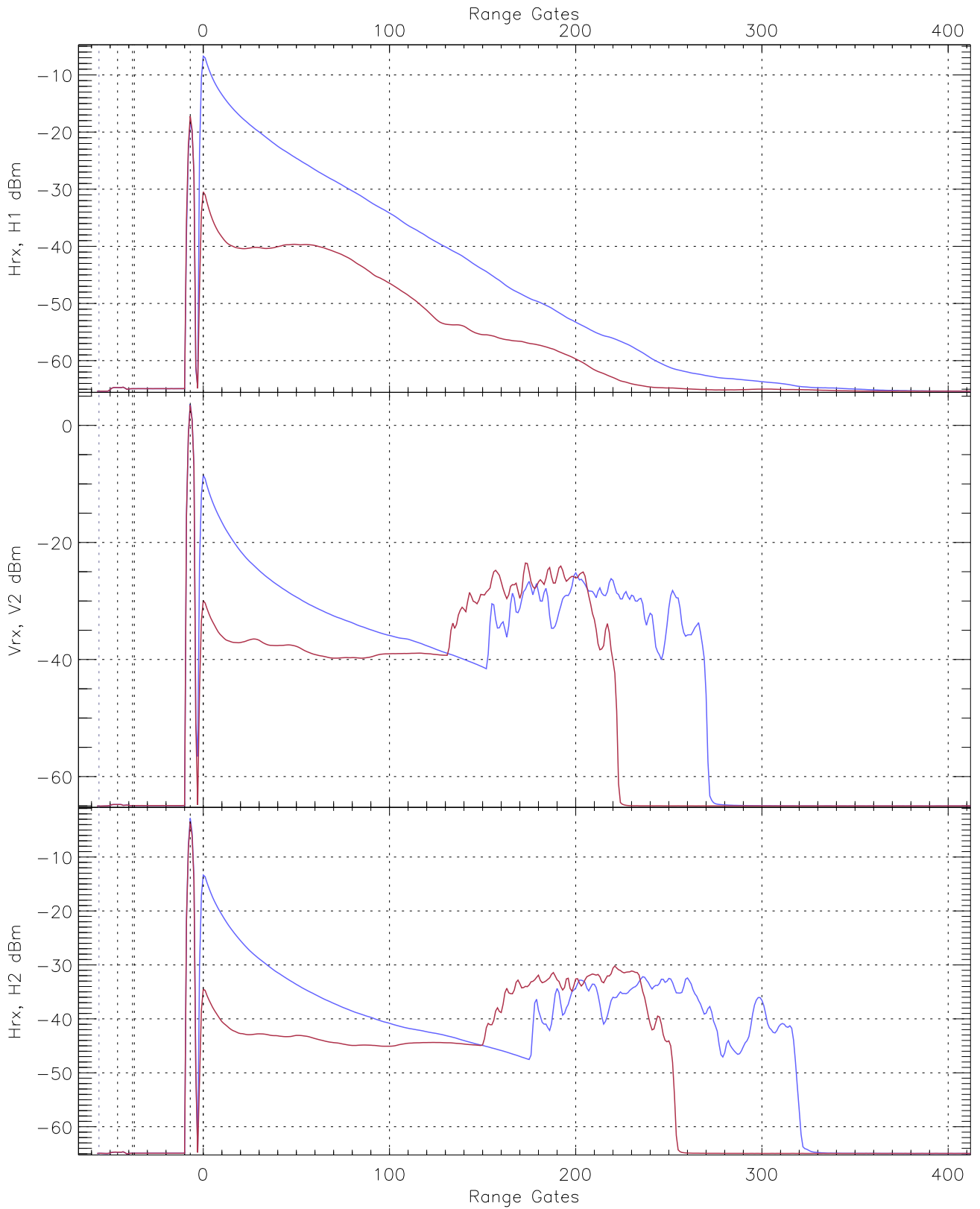
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.84	-64.14	-65.35	-65.36	-76.89
Vrx, V2 (RM [dBm])	-66.47	-64.04	-65.05	-65.06	-76.53
Hrx, H2 (RM [dBm])	-66.19	-63.81	-64.93	-64.94	-76.41



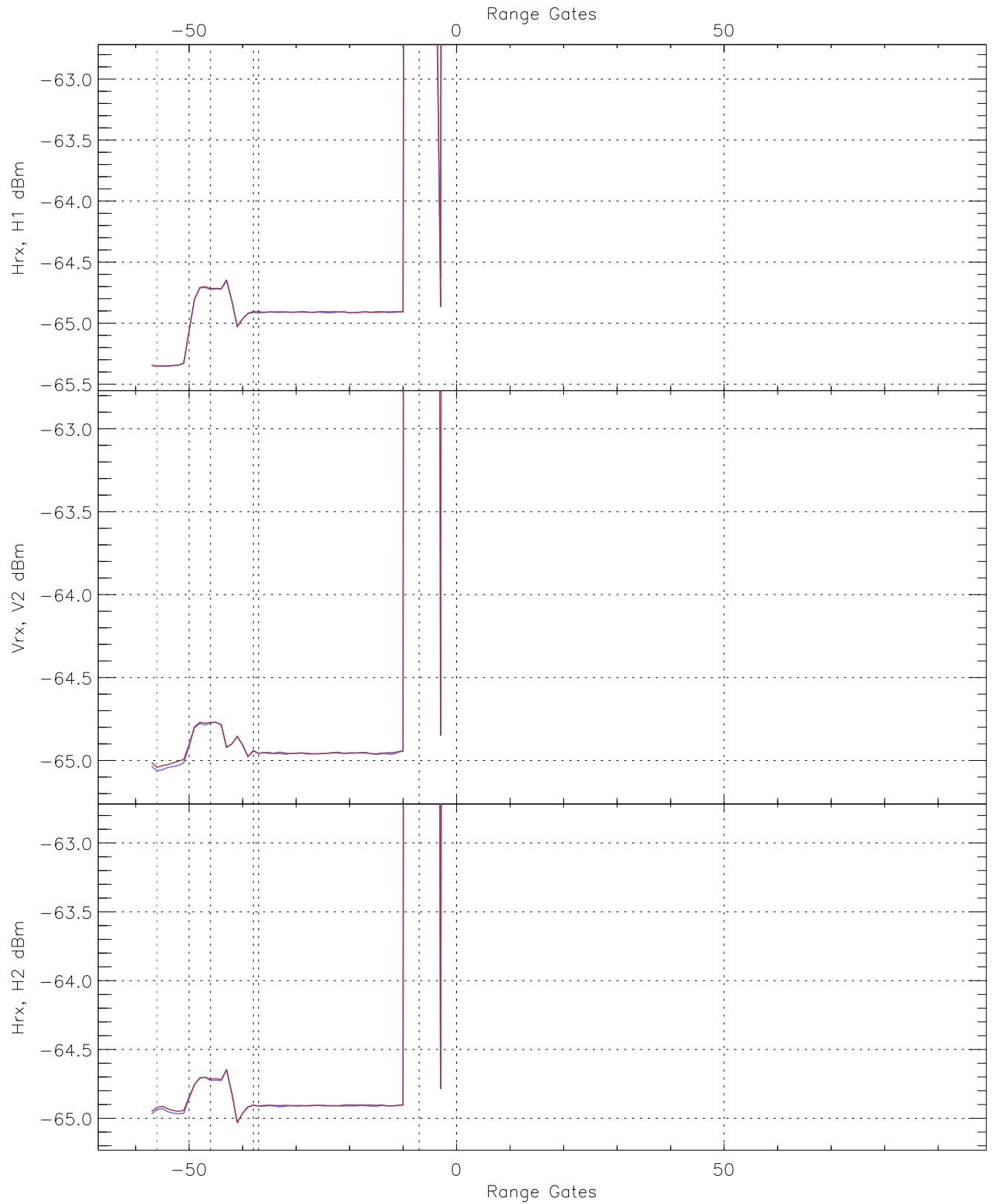
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.95	-64.21	-65.35	-65.36	-76.85
V2RG371_0 [dBm]	-66.37	-63.86	-65.05	-65.06	-76.55
H2RG382_0 [dBm]	-66.32	-63.77	-64.96	-64.96	-76.49

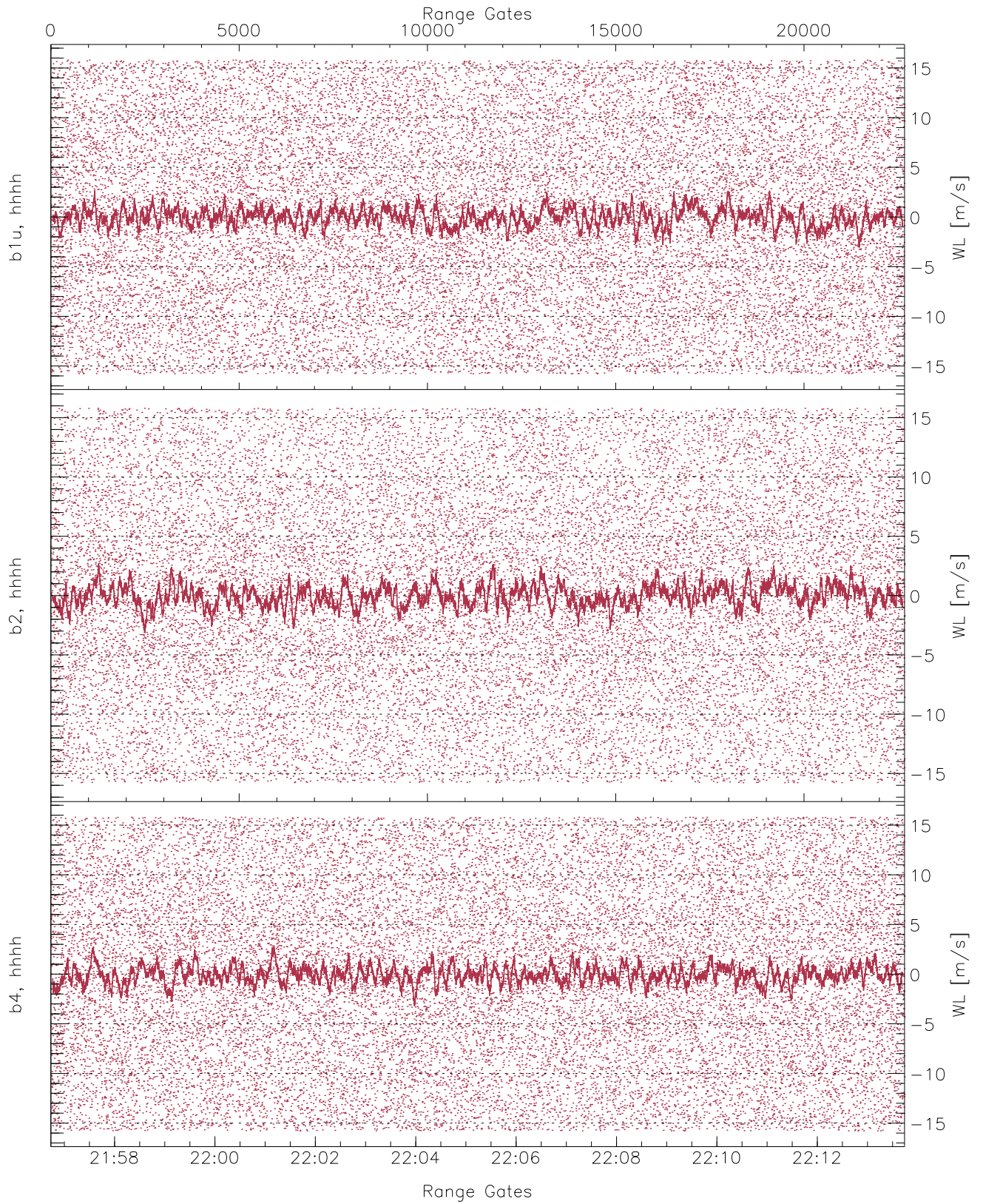




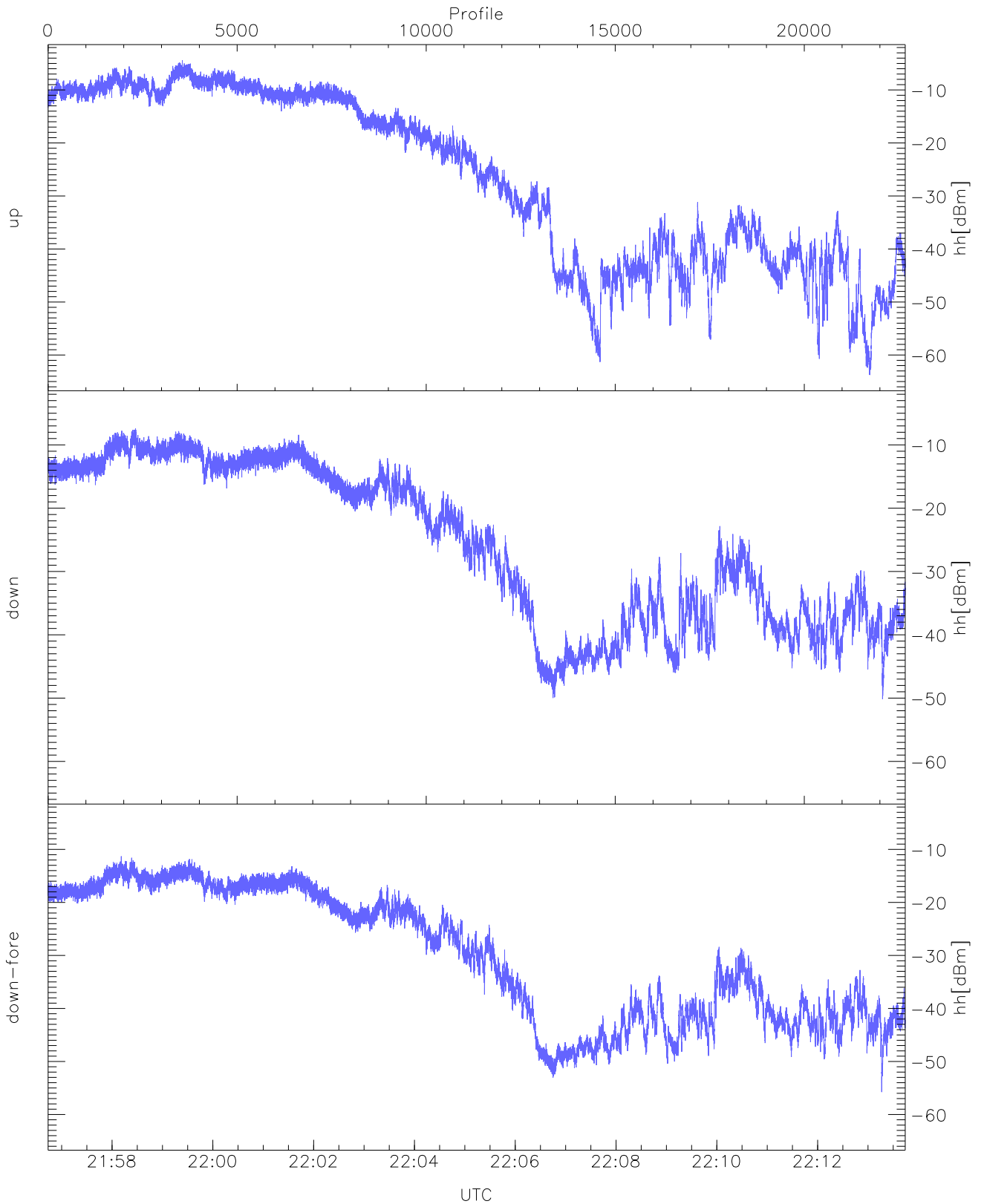
WCR3 CPP Averaged Received power for all recorded gates  
blue: 215644-220514, 11337 profiles averaged  
red: 220514-221344, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 215644-220514, 11337 profiles averaged  
red: 220514-221344, 11336 profiles averaged



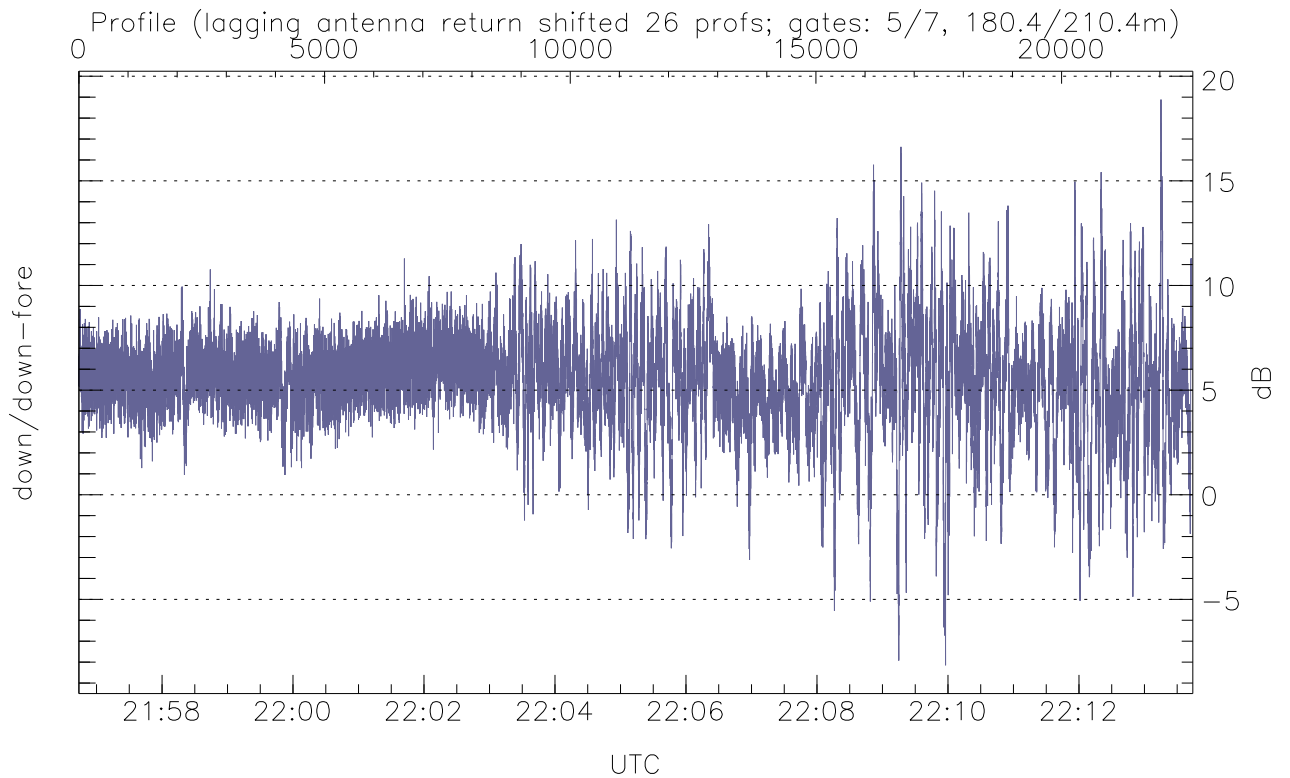
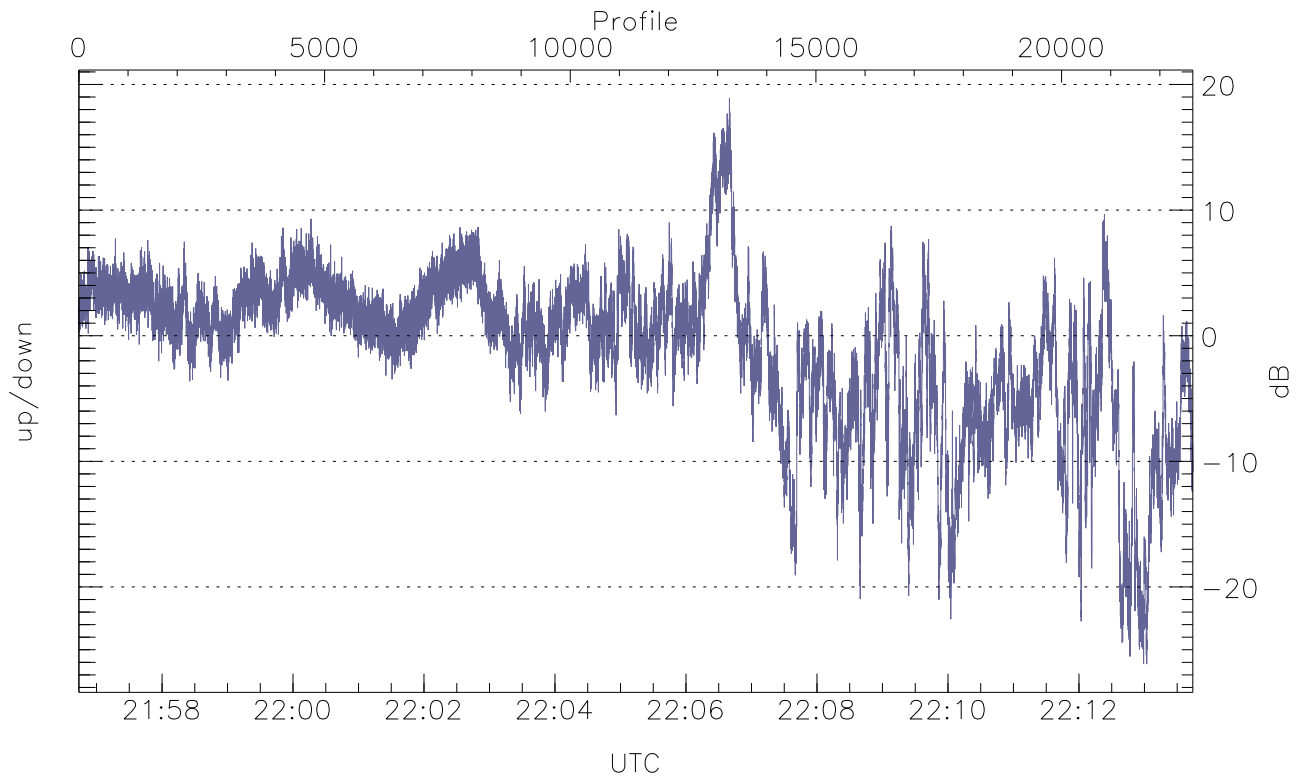
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

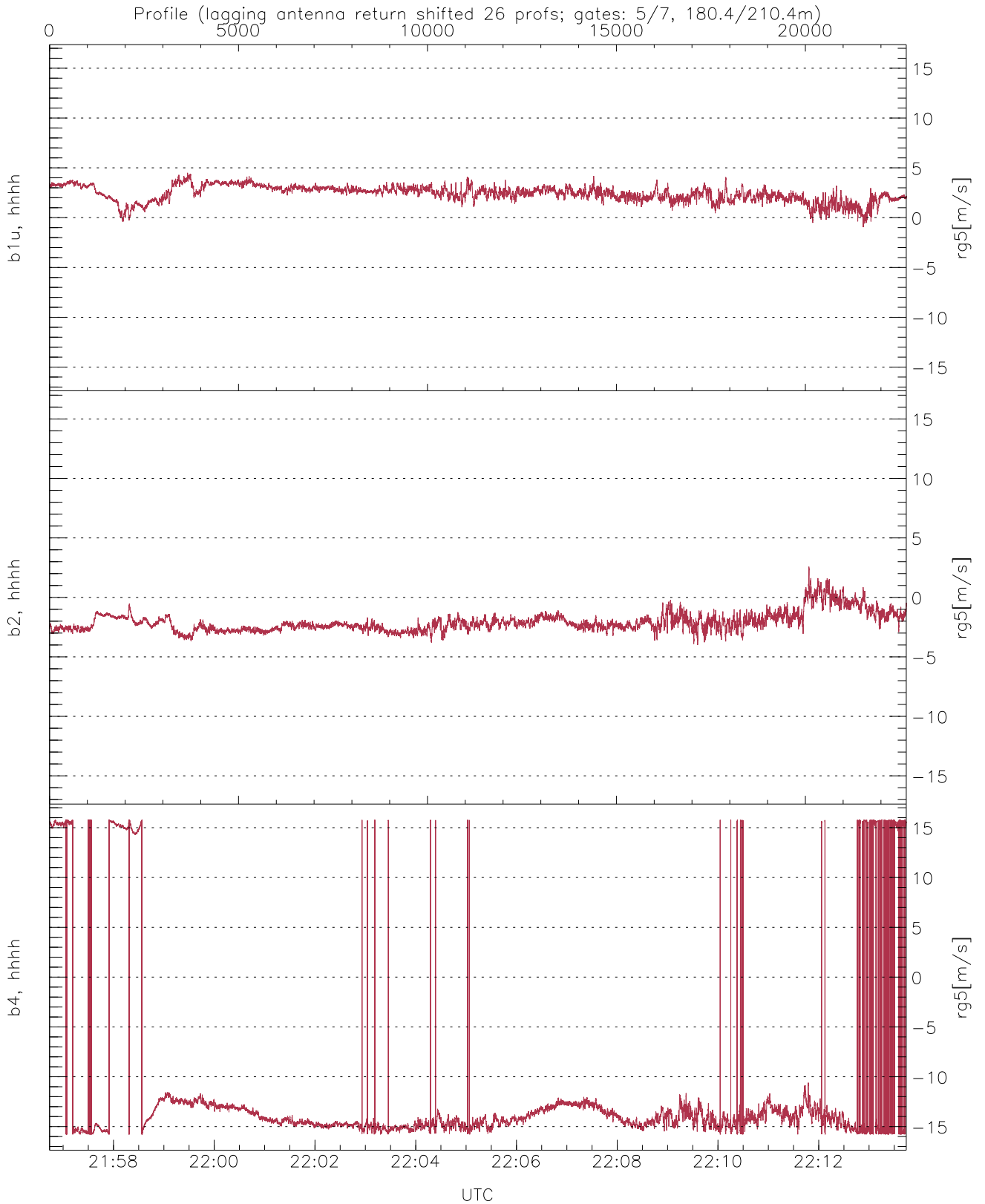
	Min	Max	Mean
up(hh[dBm])	-63.77	-4.41	-13.57
down(hh[dBm])	-50.16	-7.37	-16.05
down-fore(hh[dBm])	-55.77	-11.30	-20.40





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

	Min	Max	Mean
up/down (dB)	-26.14	18.90	-1.05
down/down-fore (dB)	-8.15	18.89	5.51



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.96	4.50	2.40	0.79
b2, hhhh(rg5[m/s])	-4.00	2.58	-2.08	0.80
b4, hhhh(rg5[m/s])	-15.79	15.79	-11.28	8.79