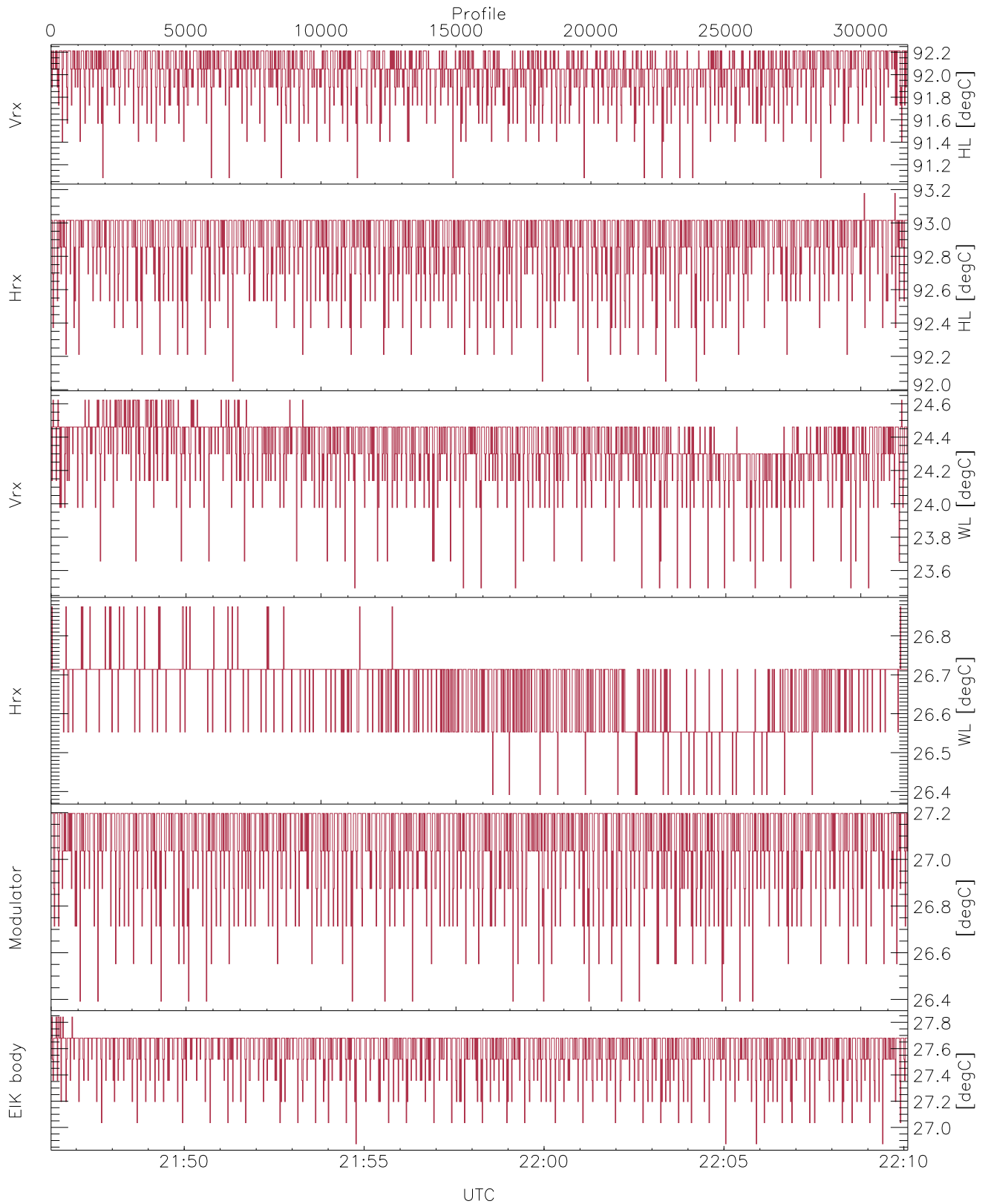


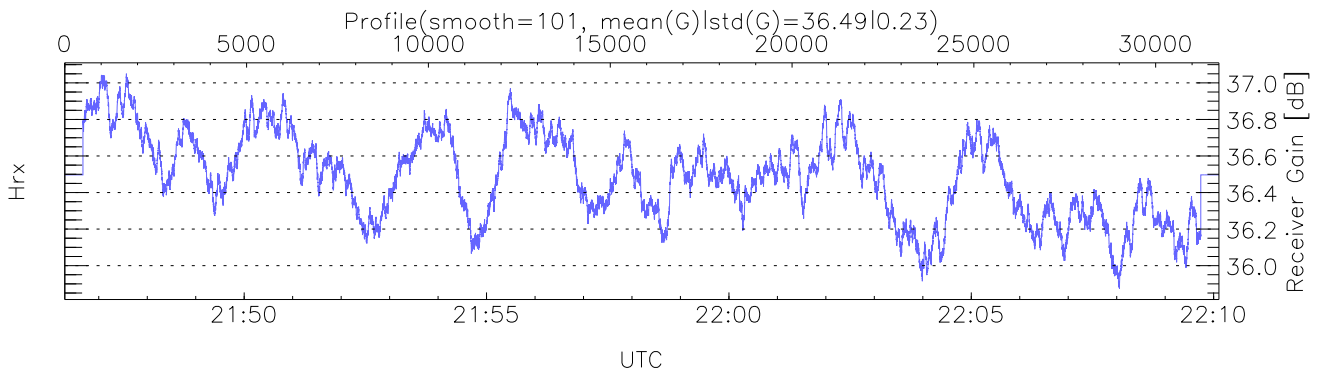
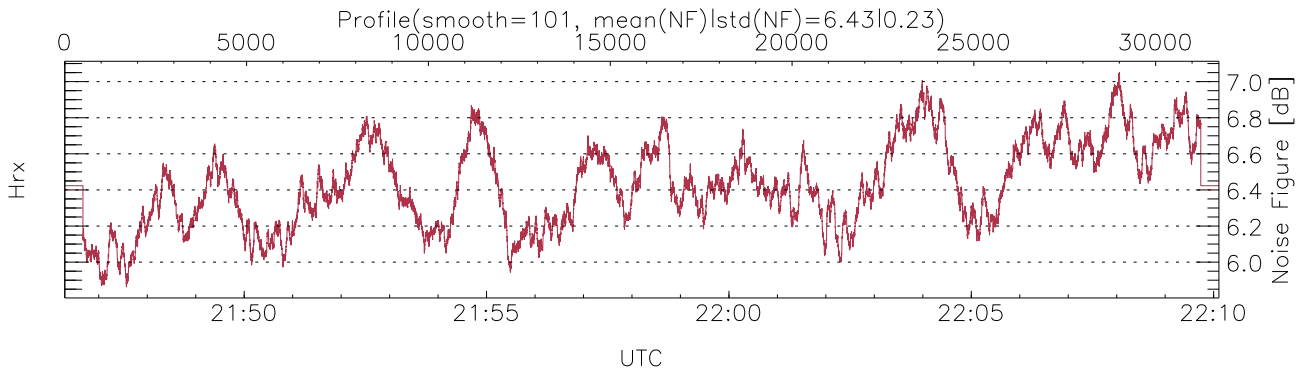
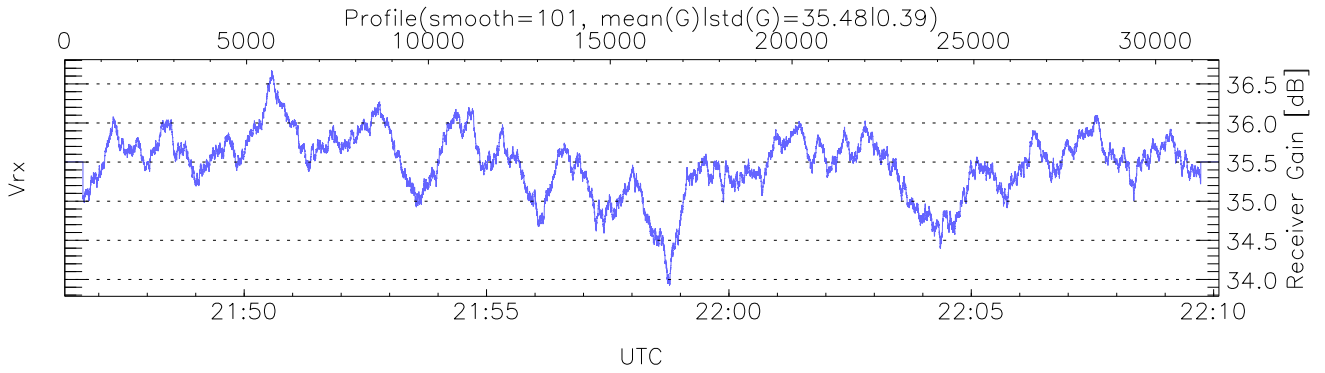
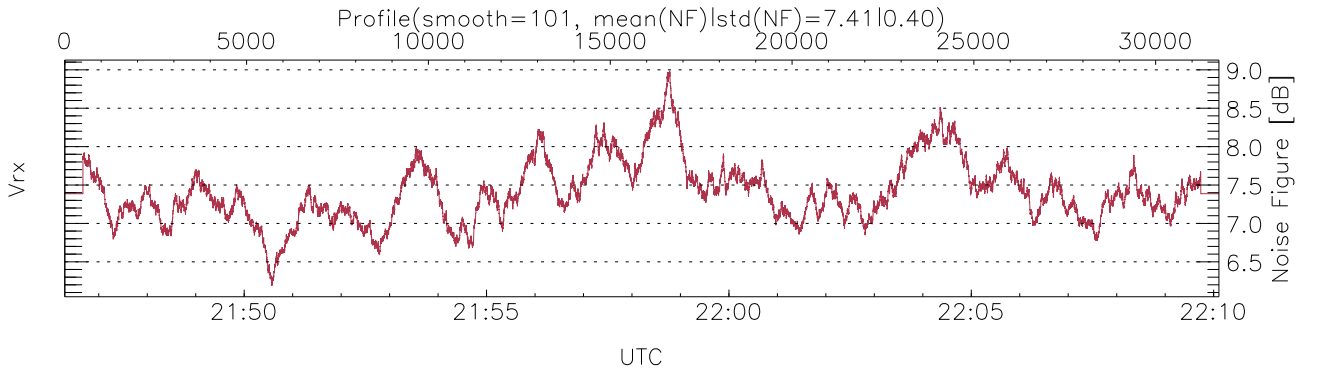
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:46:18-22:10:07, TimeCor: 0.00s, Dur: 1428.66s
 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): 31741/31741, 0-31740/21:46:18-22:10:07
 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



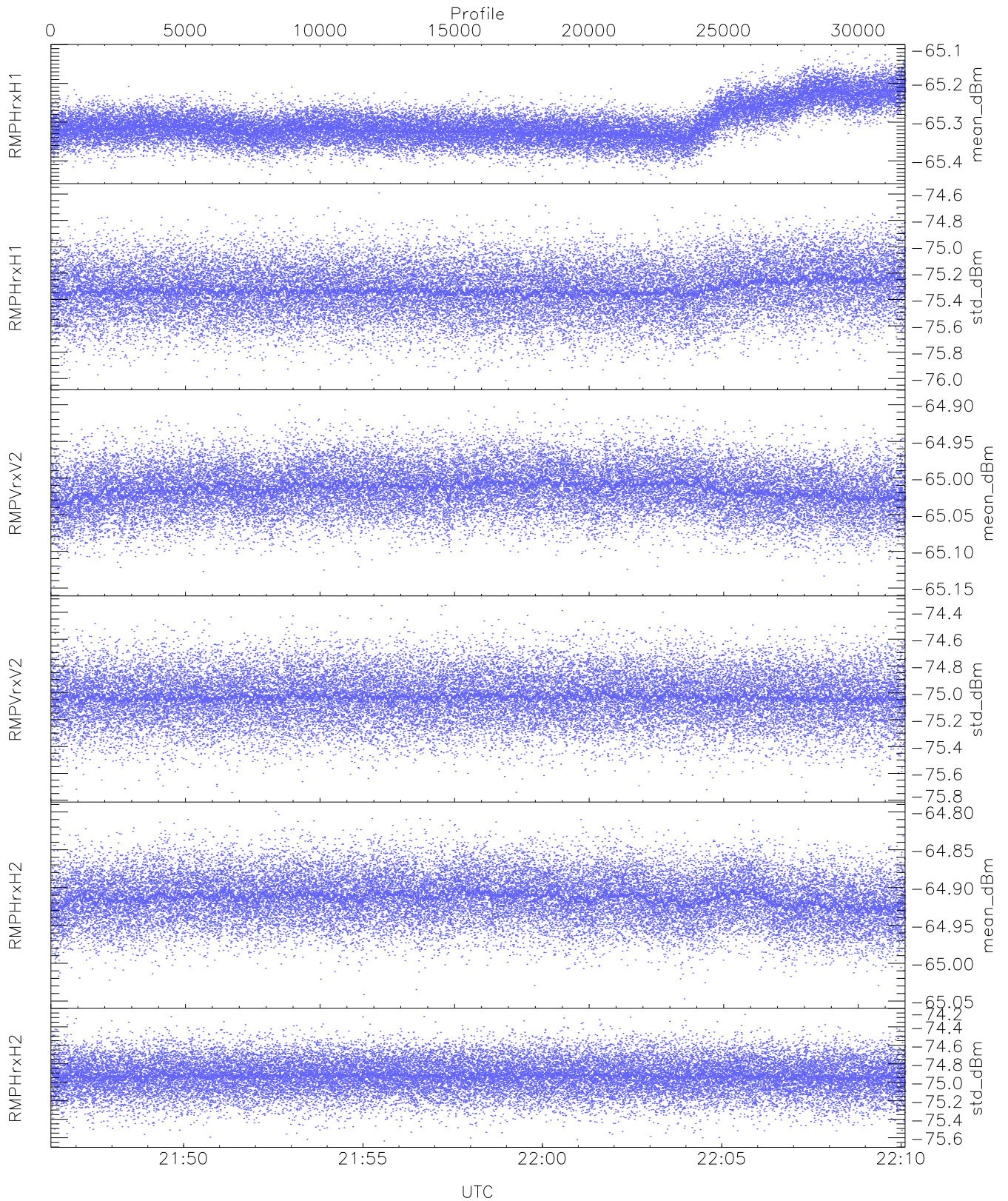
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,26
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27
 LOalarm(20,240,2817,14861 MHz): 0,0,67,0
 EIK Faults(# prof affected):
 DeckF,OverDuty (24,24)



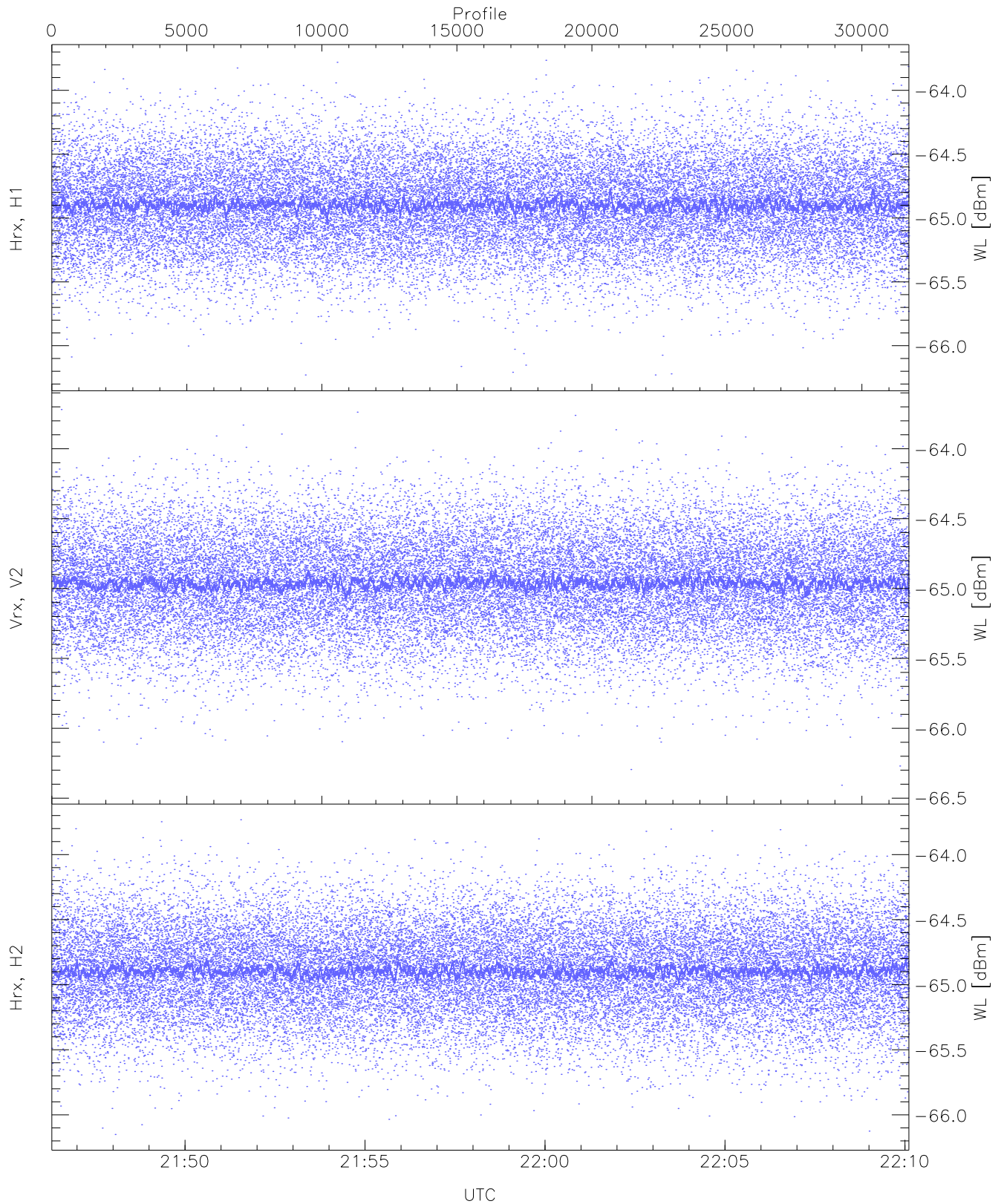
WCR3 CPP Receivers Gain and Noise Figure

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



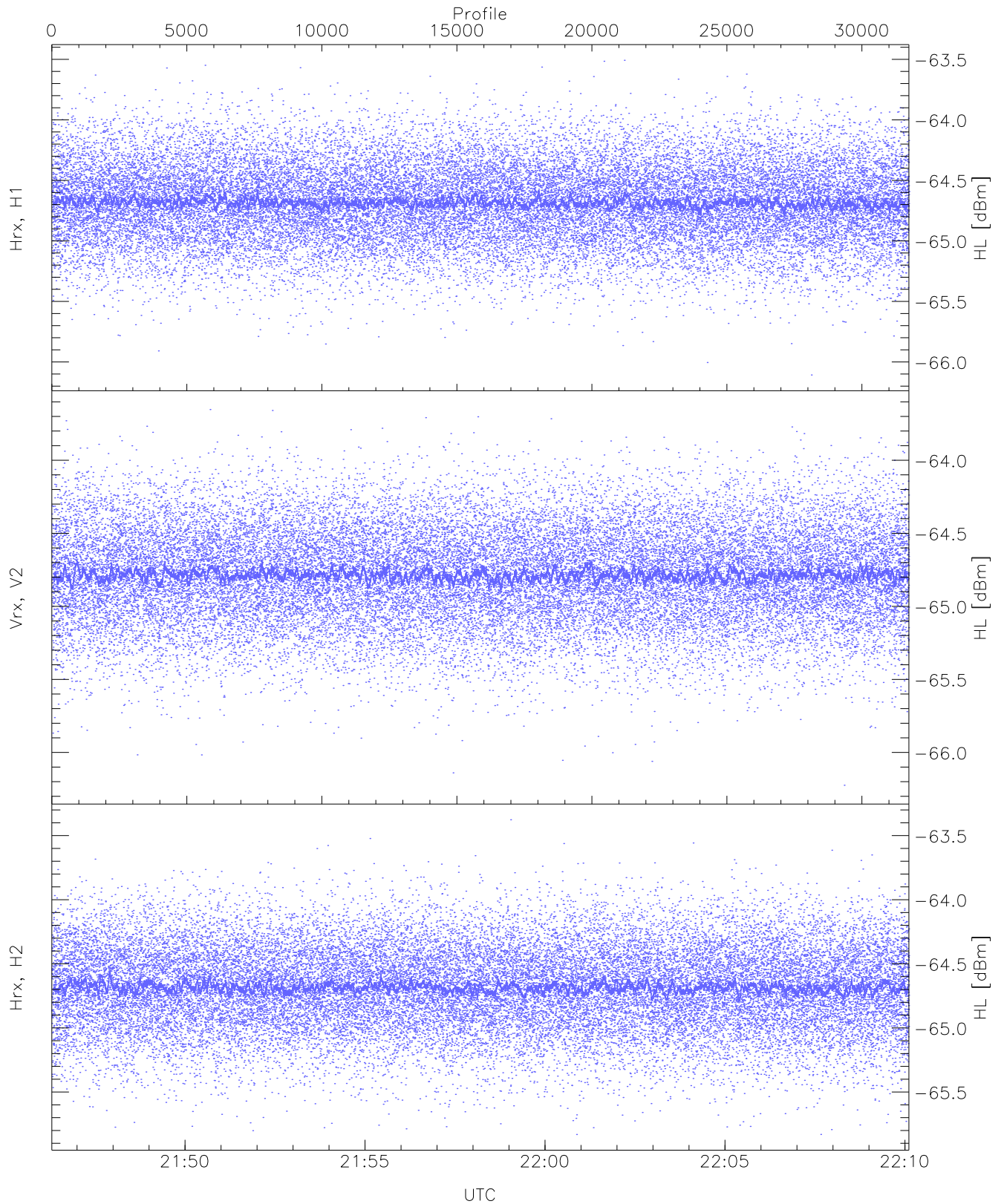
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.44	-65.12	-65.30	-65.31	-84.88
RMPHrxH1 (std_dBm)	-76.01	-74.59	-75.32	-75.32	-89.00
RMPVrxV2 (mean_dBm)	-65.15	-64.89	-65.02	-65.02	-86.49
RMPVrxV2 (std_dBm)	-75.74	-74.35	-75.03	-75.03	-88.87
RMPHrxH2 (mean_dBm)	-65.05	-64.80	-64.91	-64.91	-86.42
RMPHrxH2 (std_dBm)	-75.64	-74.27	-74.93	-74.93	-88.75



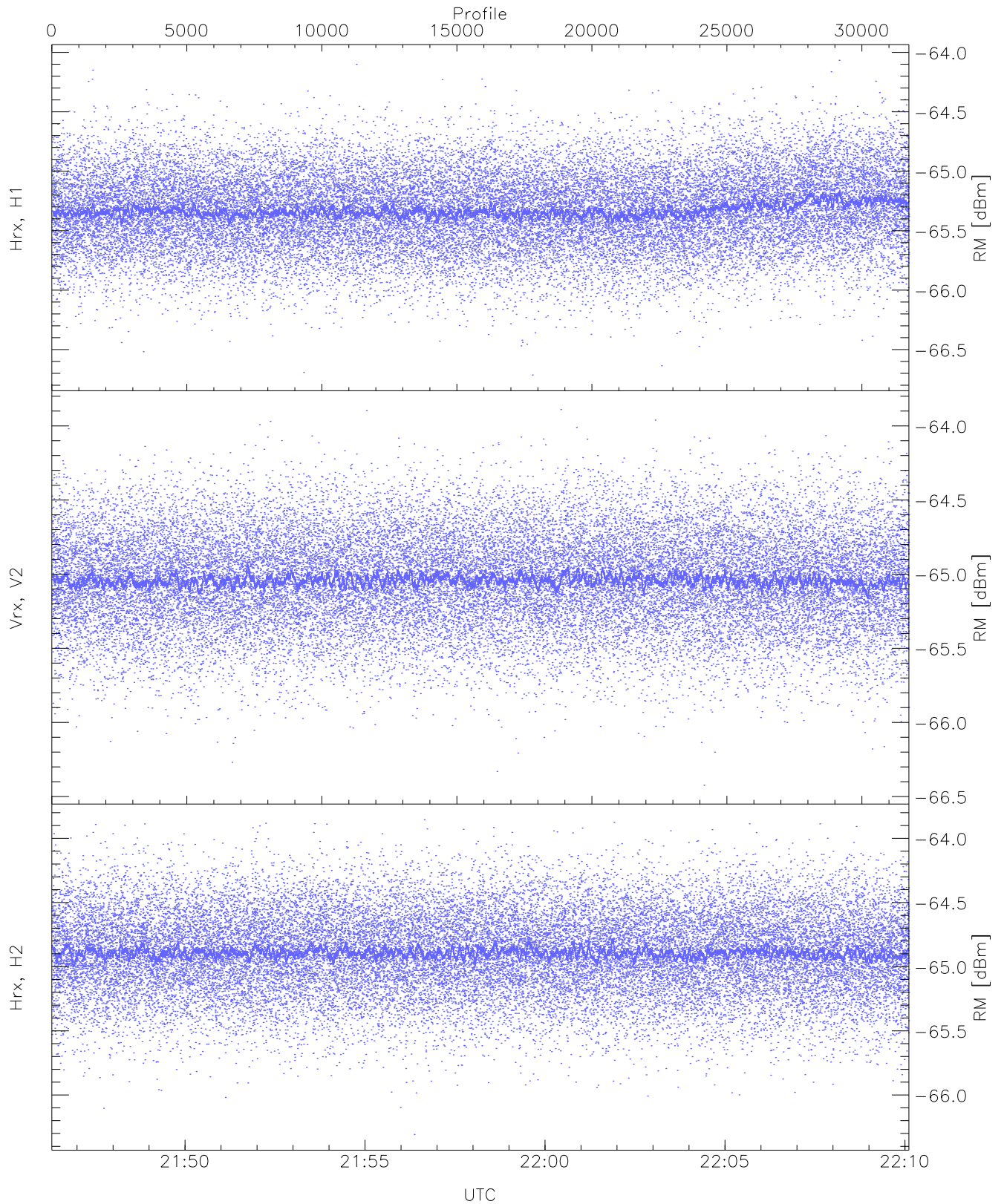
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.23	-63.77	-64.89	-64.90	-76.39
Vrx, V2 (WL [dBm])	-66.41	-63.72	-64.95	-64.96	-76.48
Hrx, H2 (WL [dBm])	-66.15	-63.73	-64.89	-64.89	-76.38



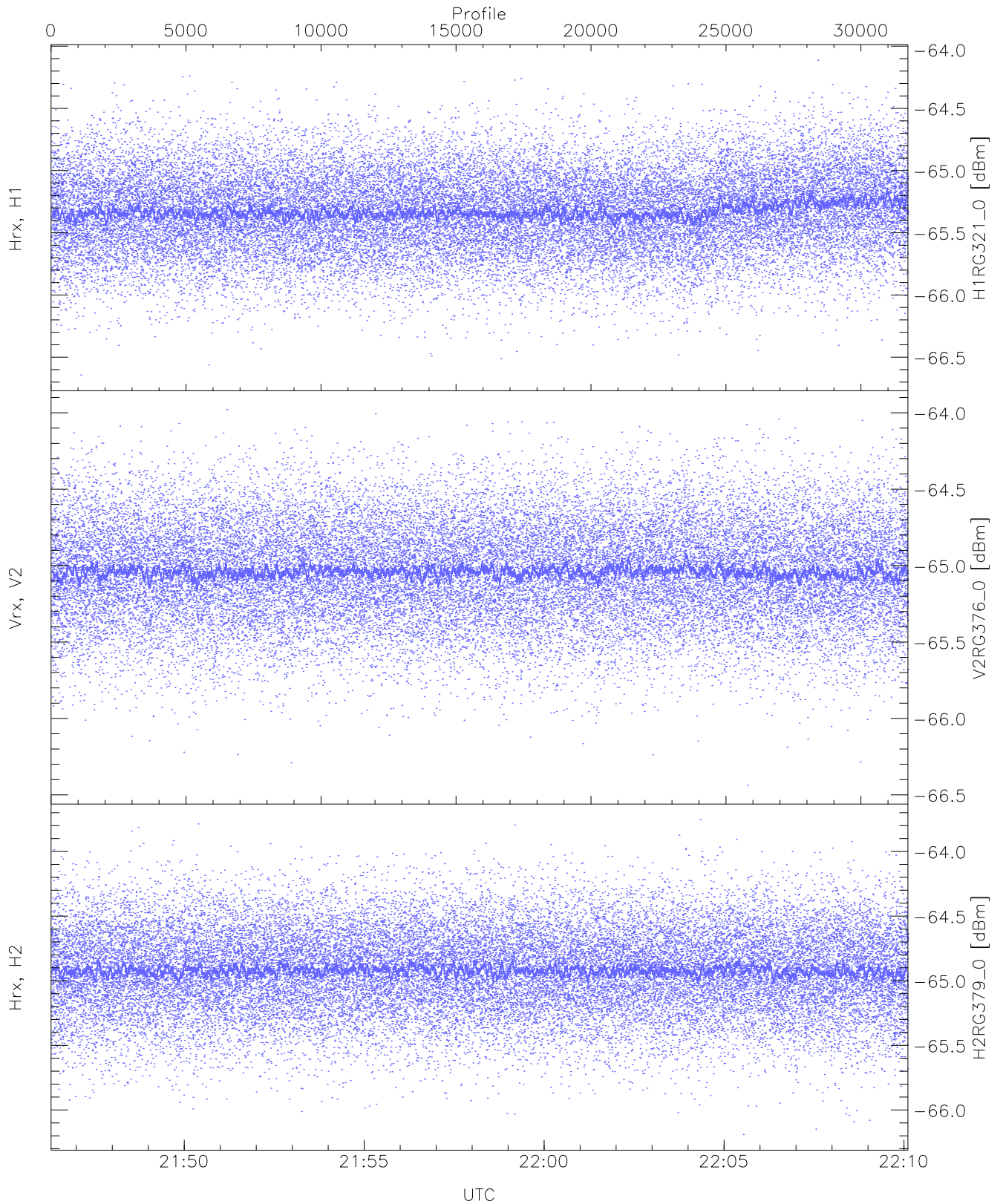
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.11	-63.51	-64.68	-64.68	-76.18
Vrx, V2 (HL [dBm])	-66.22	-63.65	-64.78	-64.78	-76.30
Hrx, H2 (HL [dBm])	-65.83	-63.38	-64.68	-64.69	-76.18



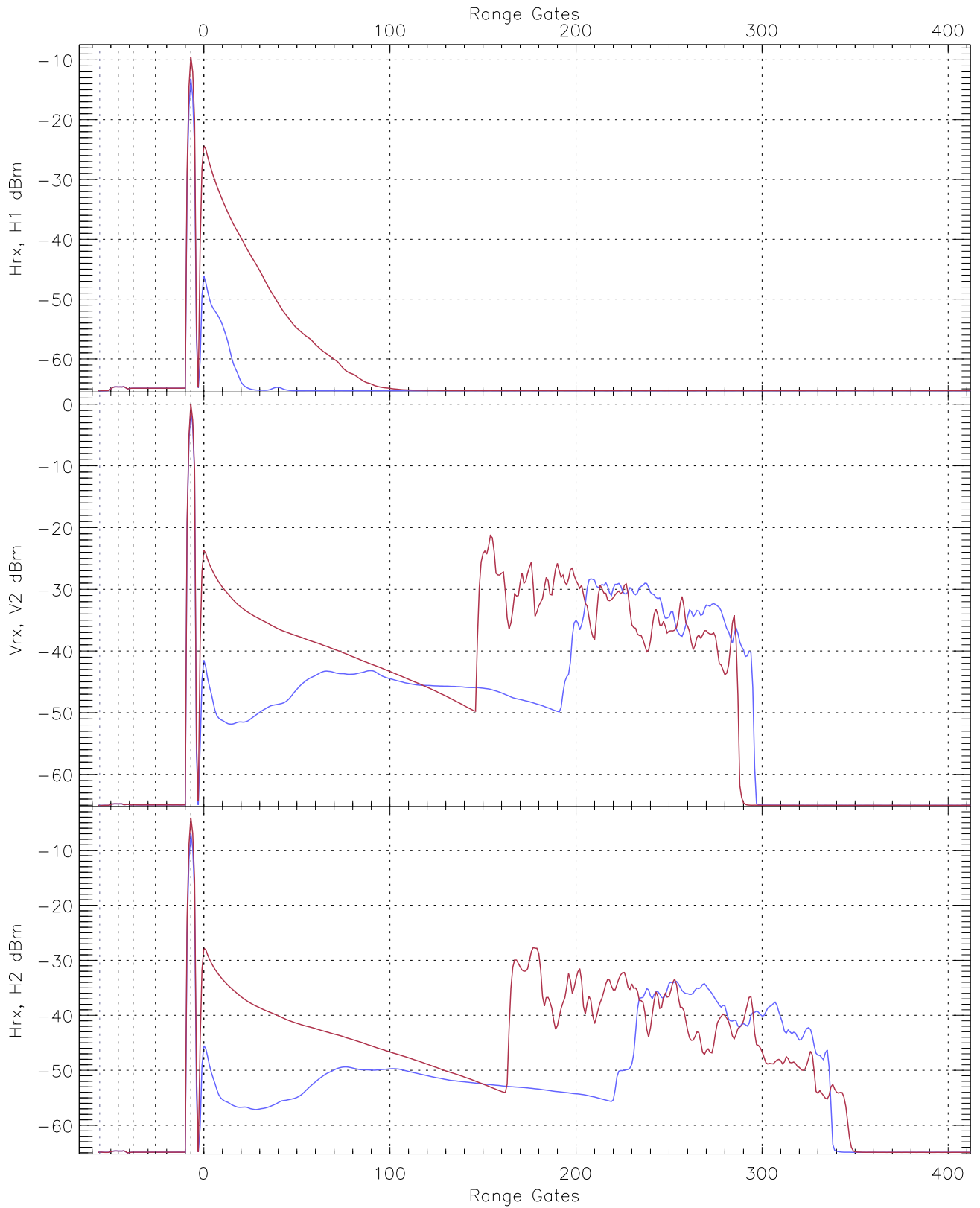
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.07	-65.32	-65.33	-76.77
Vrx, V2 (RM [dBm])	-66.42	-63.89	-65.03	-65.04	-76.56
Hrx, H2 (RM [dBm])	-66.31	-63.86	-64.88	-64.89	-76.39

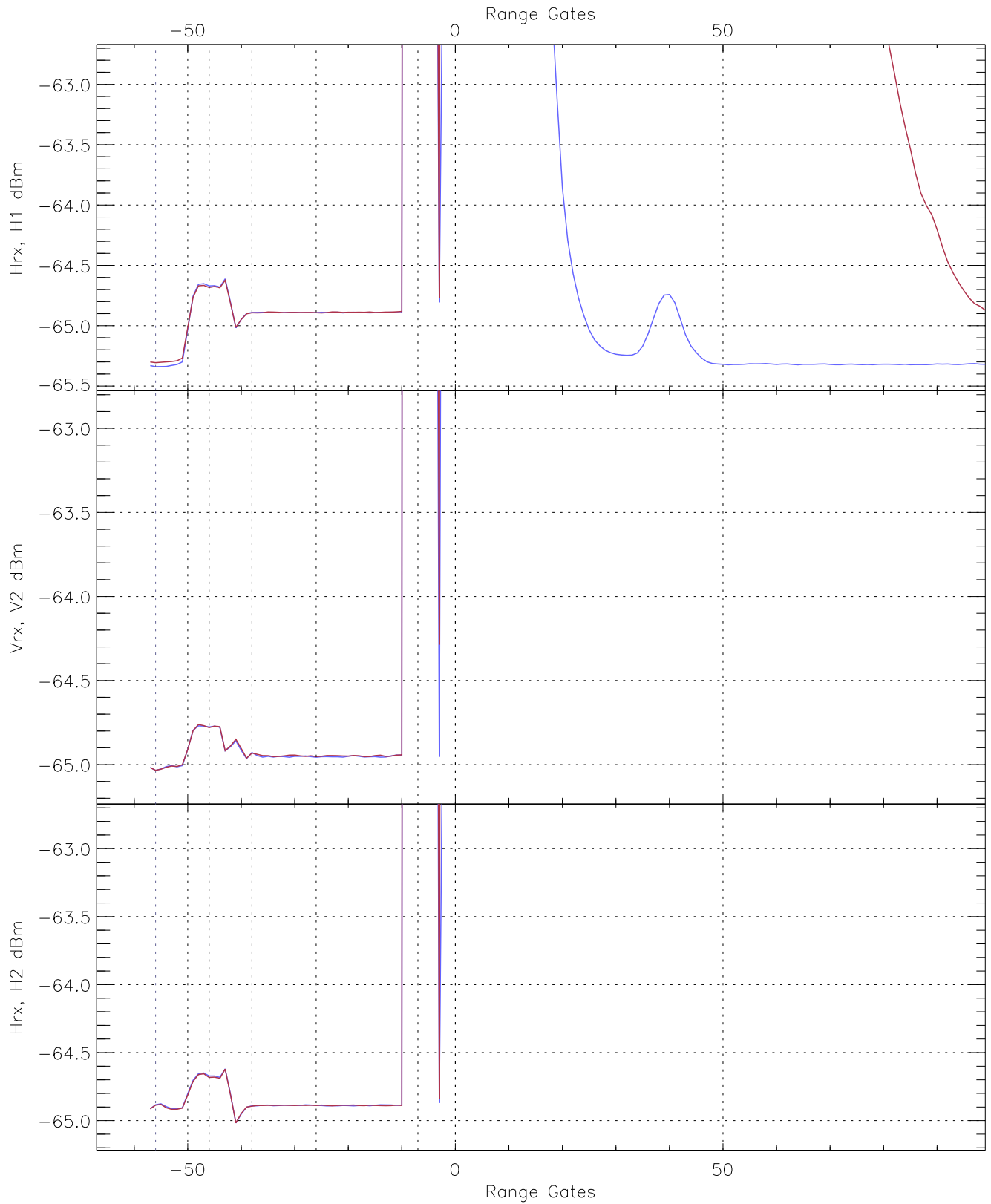


WCR3 CPP "Best" estimate Receivers Noise Power

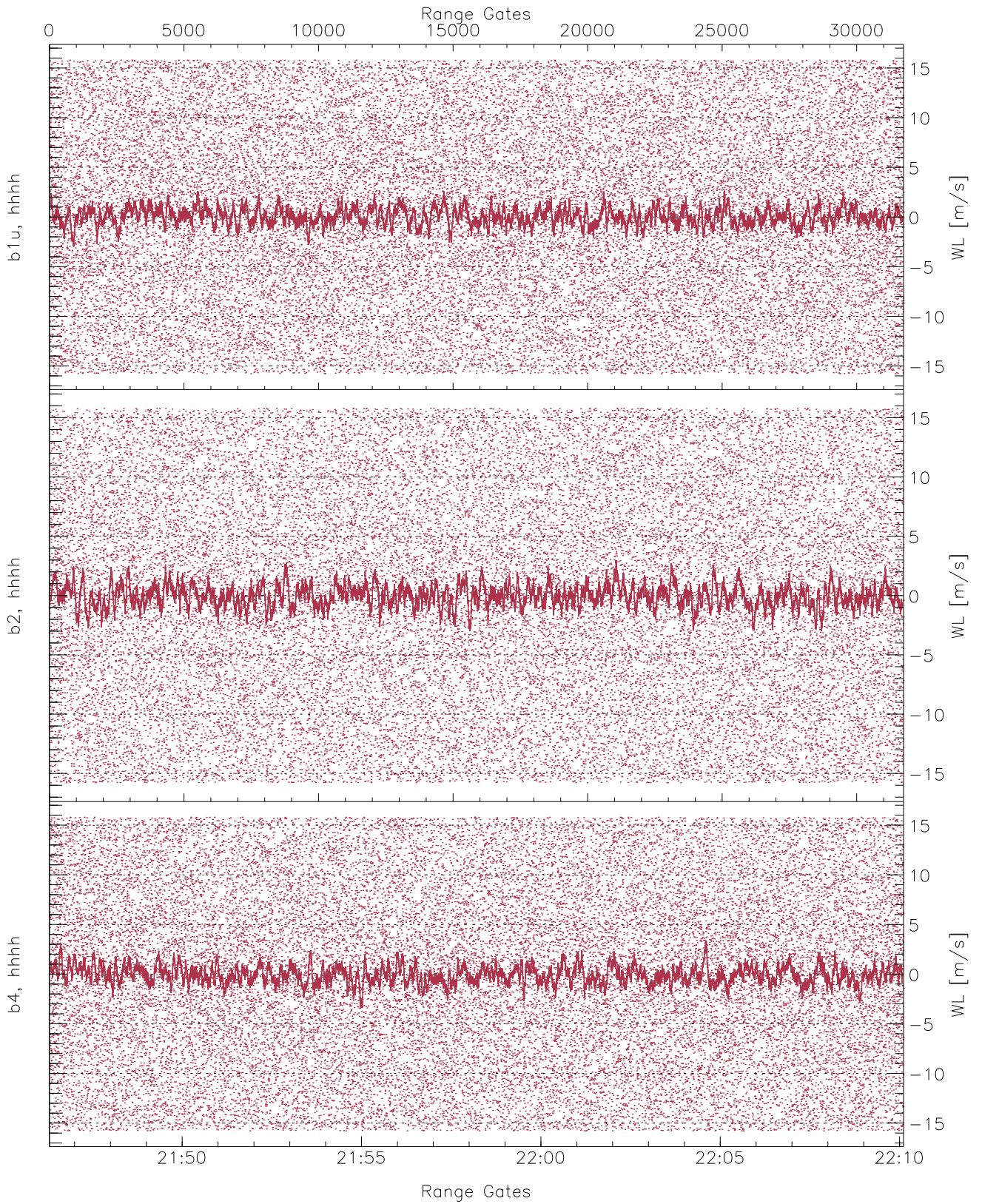
	Min	Max	Mean	Median	StDev
H1RG321_0 [dBm]	-66.64	-64.11	-65.32	-65.33	-76.78
V2RG376_0 [dBm]	-66.44	-63.98	-65.03	-65.04	-76.55
H2RG379_0 [dBm]	-66.19	-63.75	-64.92	-64.92	-76.40



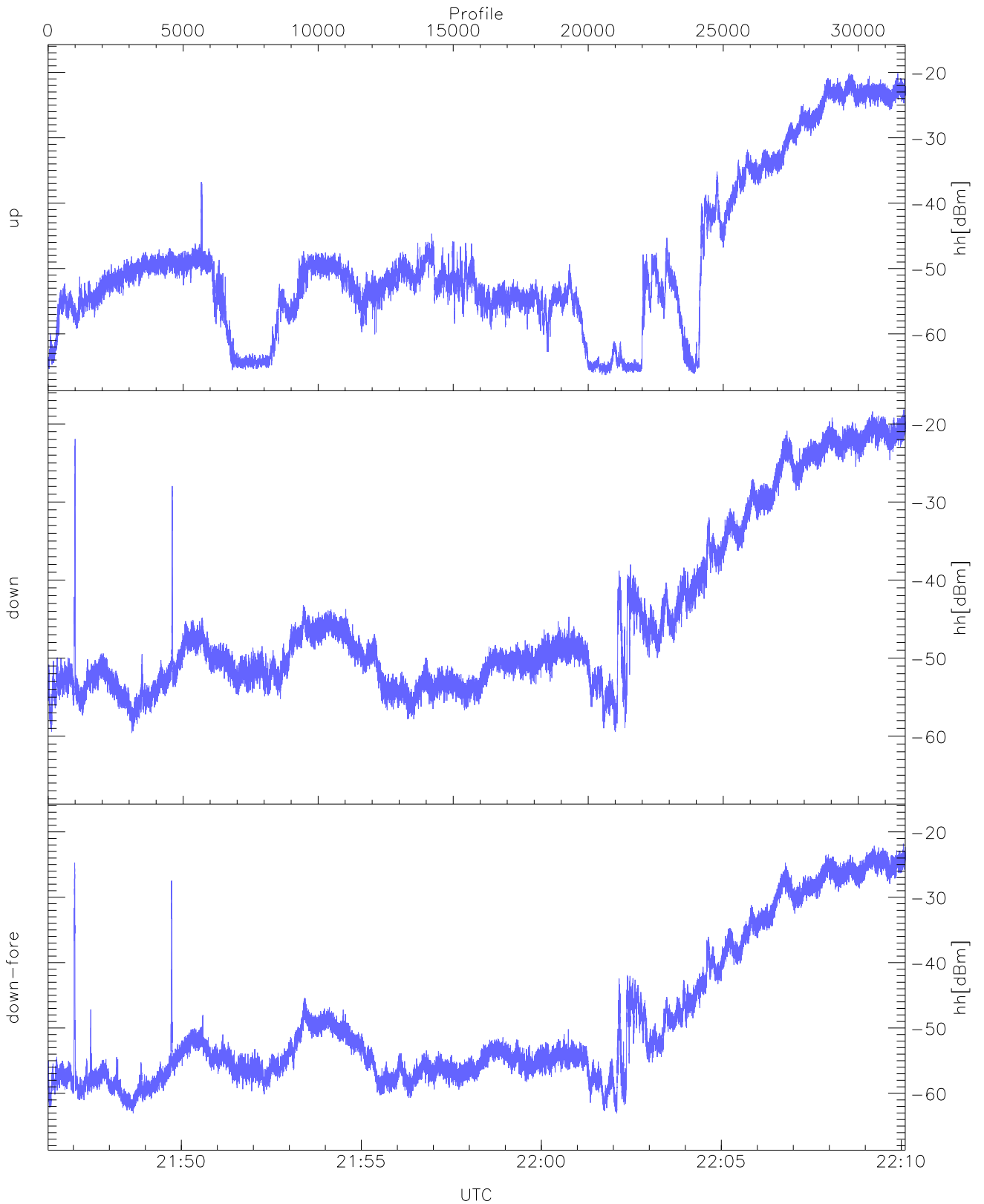
WCR3 CPP Averaged Received power for all recorded gates
blue: 214618-215812, 15871 profiles averaged
red: 215812-221007, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 214618-215812, 15871 profiles averaged
red: 215812-221007, 15871 profiles averaged

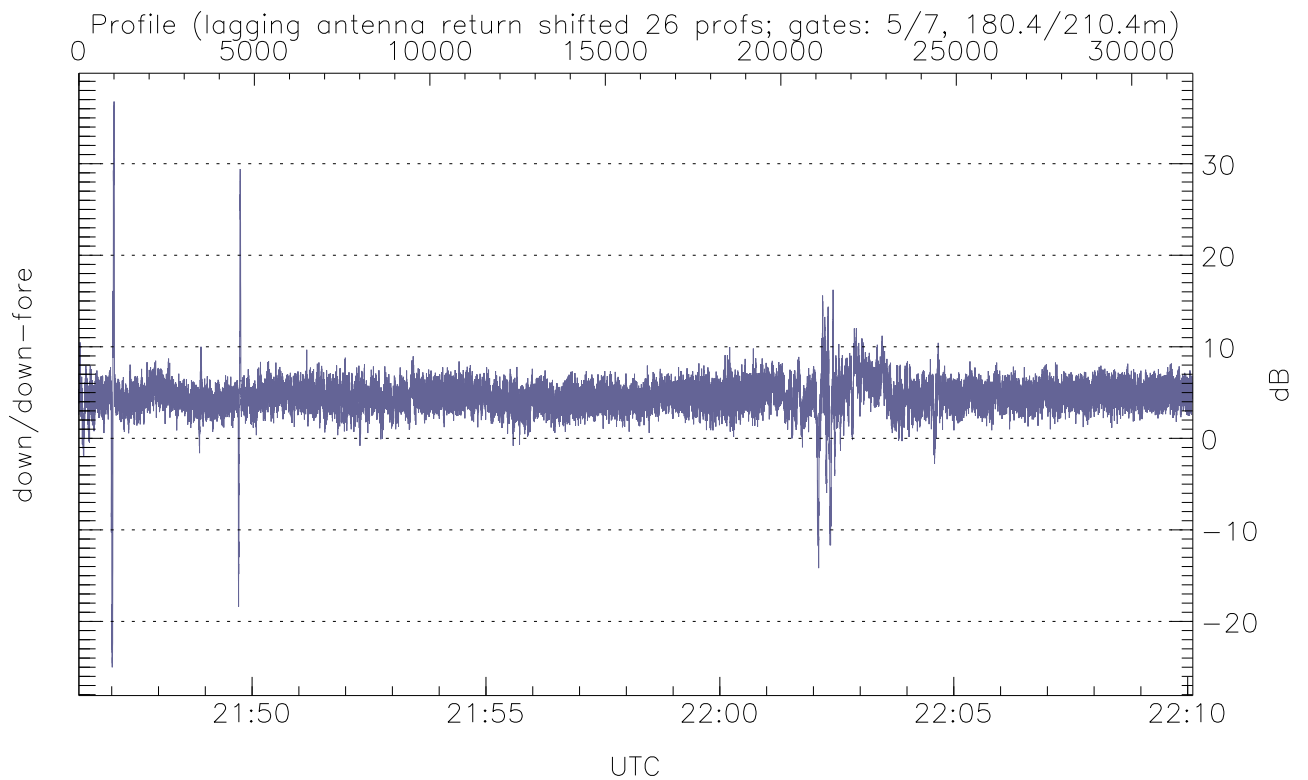
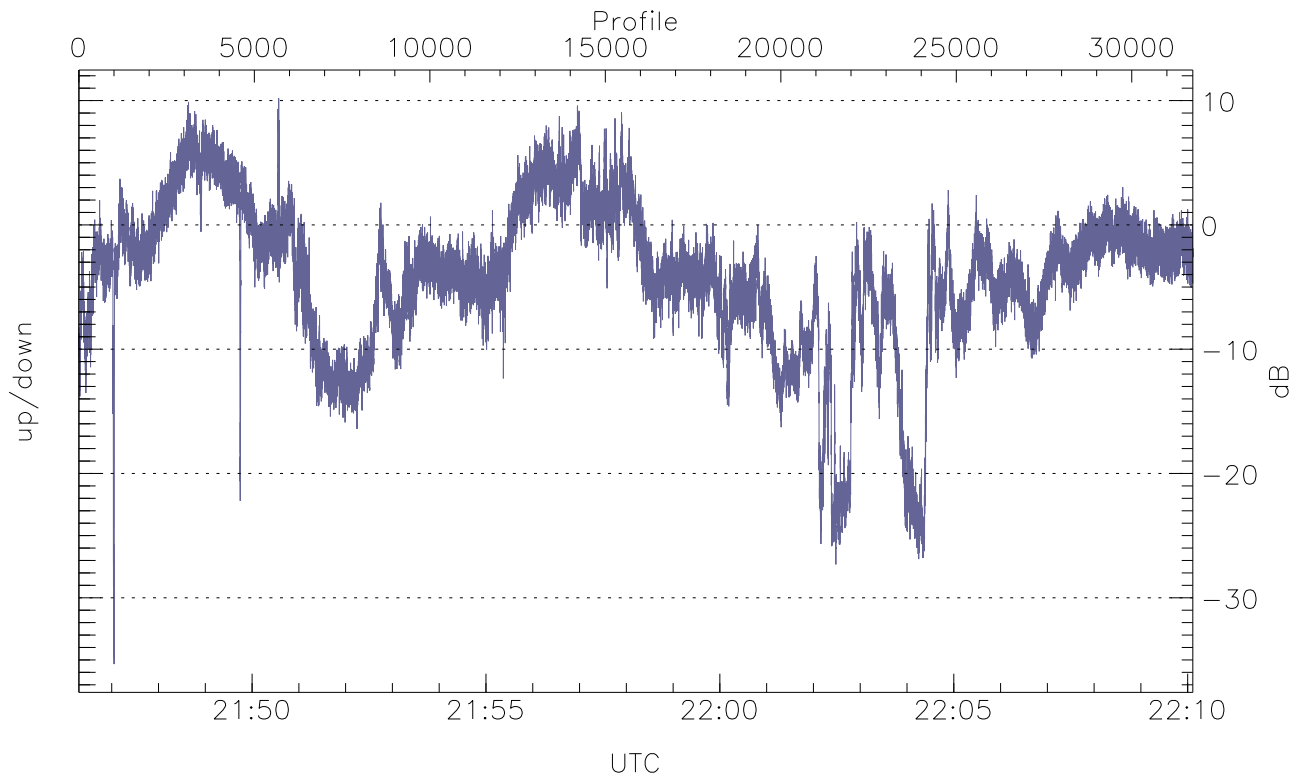


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



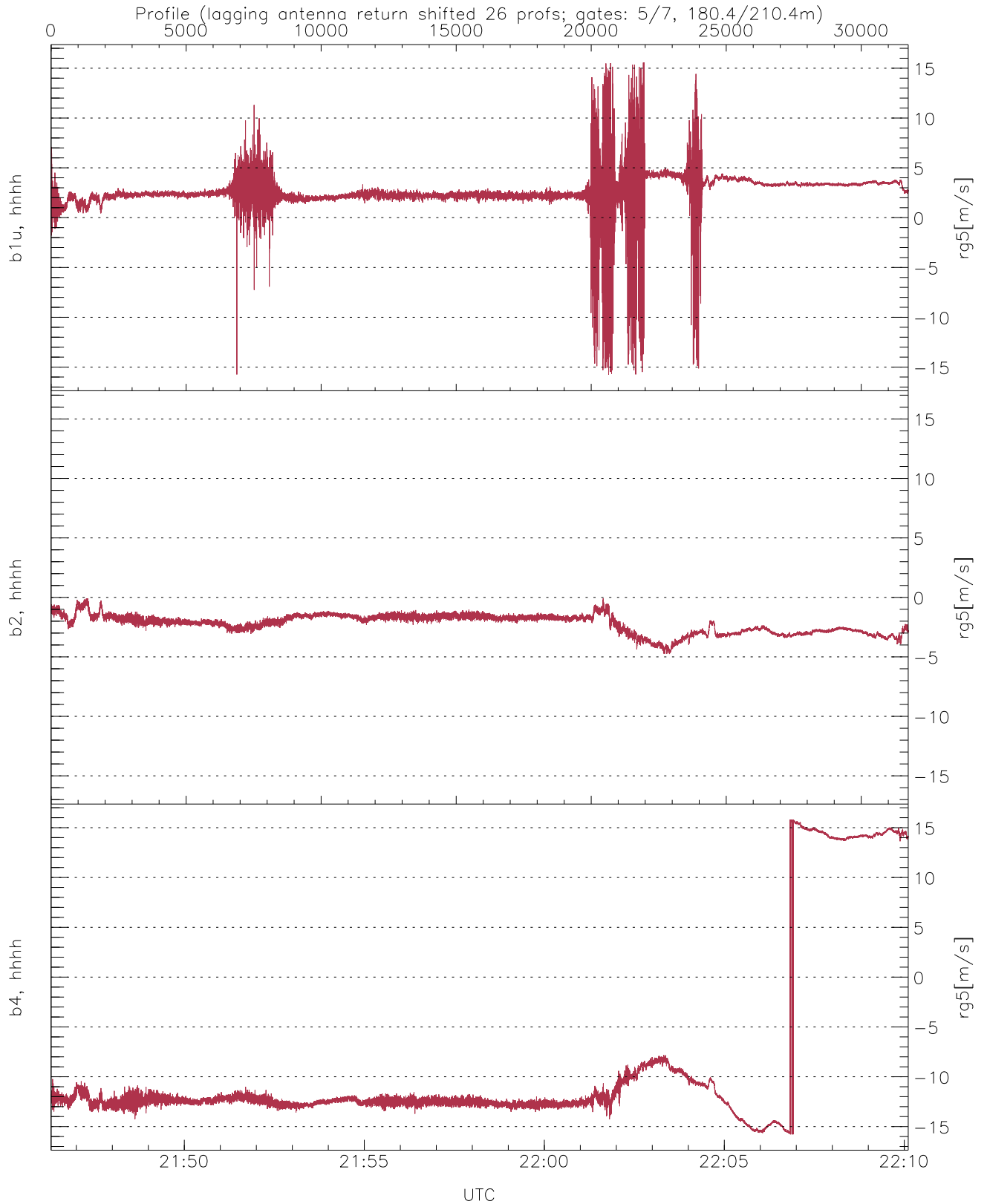
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.28	-20.14	-32.29
down(hh[dBm])	-59.57	-18.15	-30.20
down-fore(hh[dBm])	-63.07	-21.82	-34.06



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

	Min	Max	Mean
up/down (dB)	-35.33	10.18	-4.17
down/down-fore (dB)	-25.01	36.79	4.60



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.75	15.57	2.60	1.74
b2, hhhh(rg5[m/s])	-4.76	-0.07	-2.21	0.77
b4, hhhh(rg5[m/s])	-15.78	15.79	-8.61	9.28