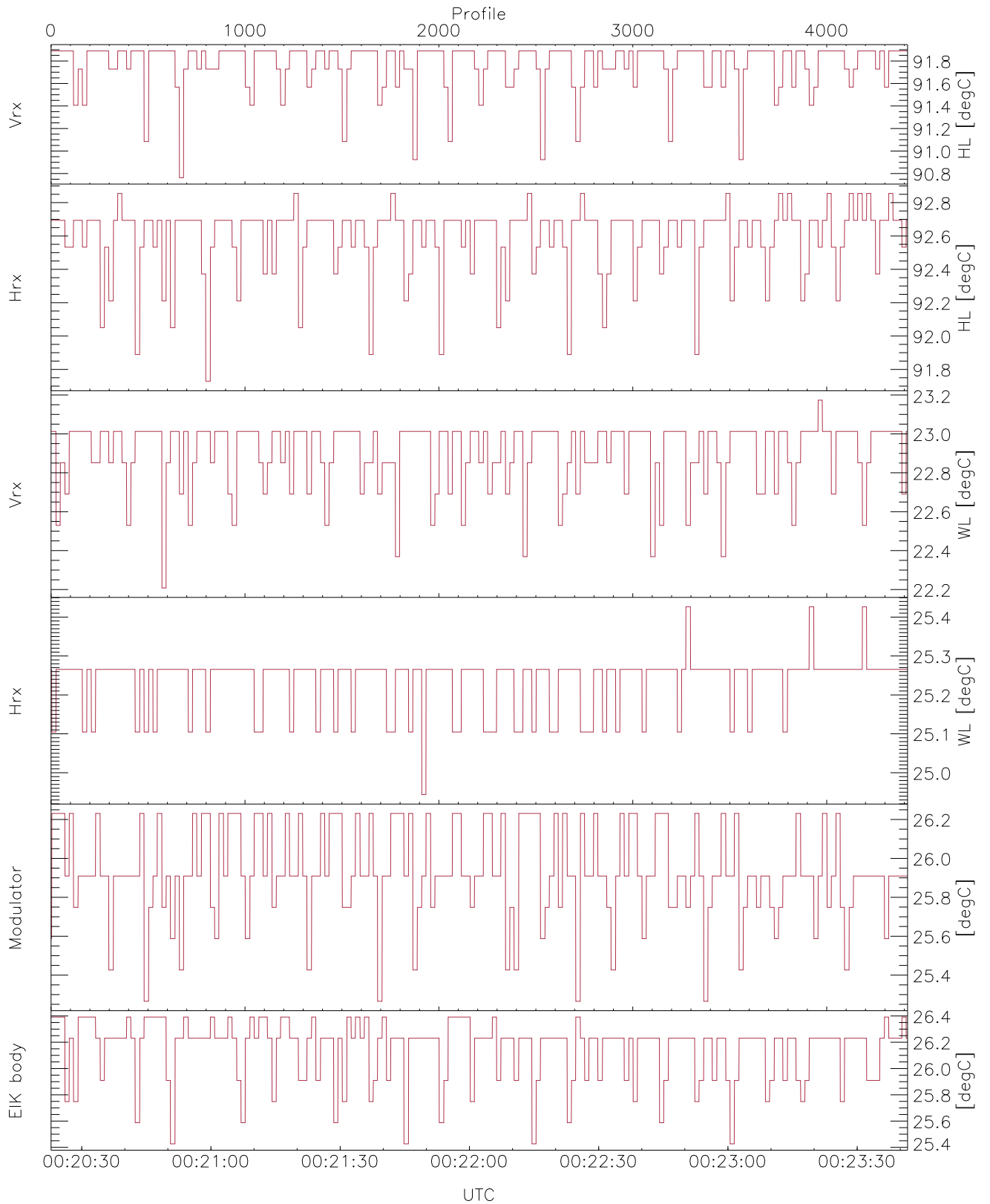


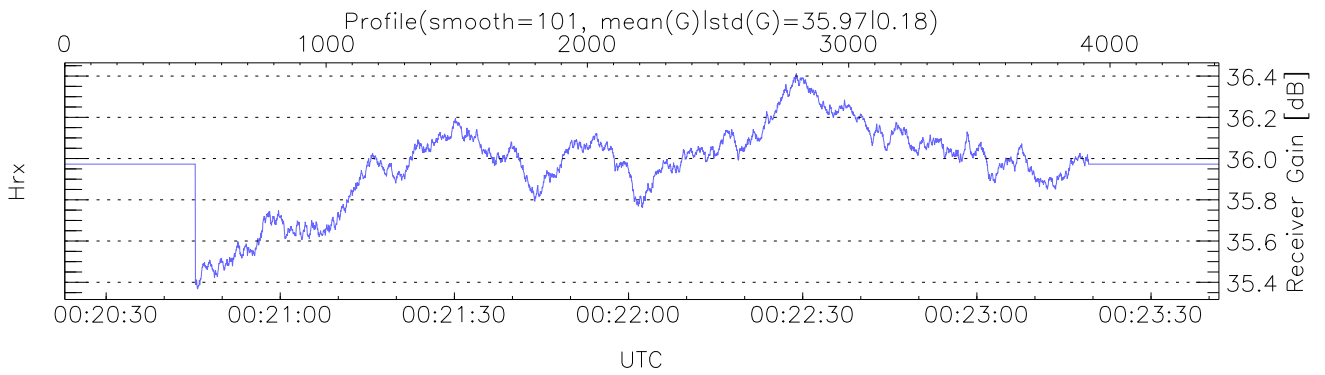
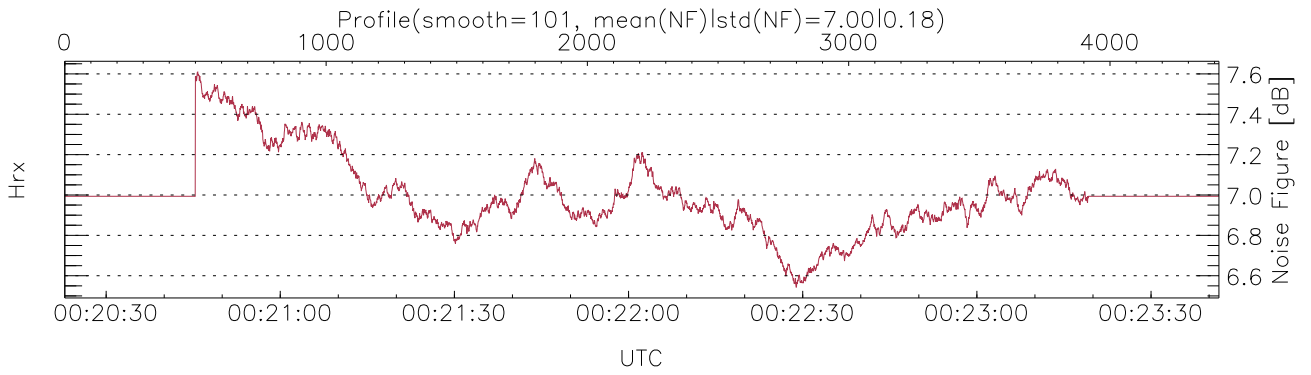
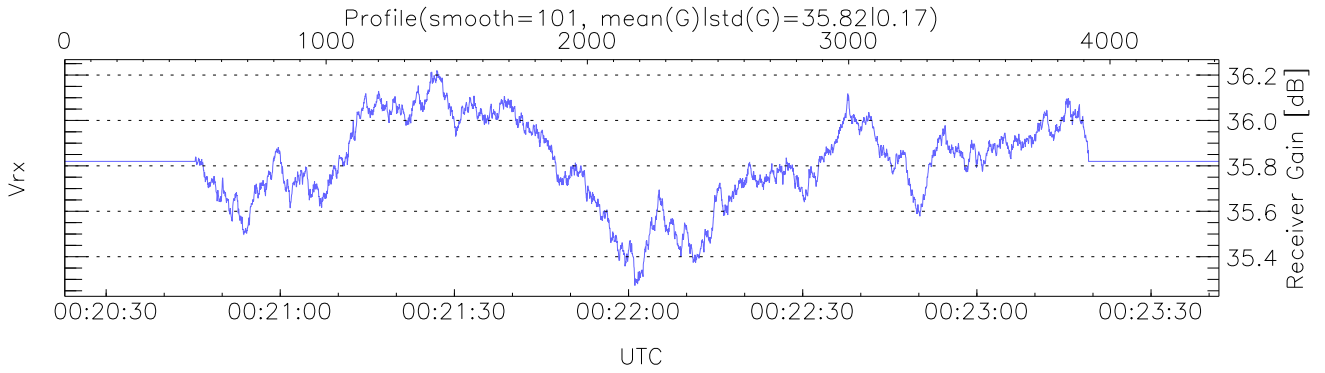
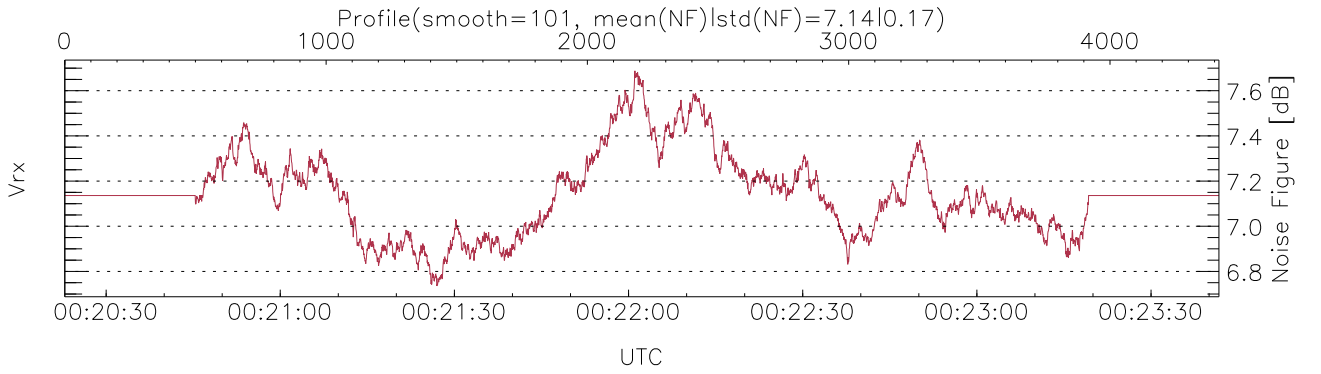
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:20:23-00:23:42, TimeCor: 0.00s, Dur: 198.81s
 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): 4418/4418, 0-4417/00:20:23-00:23:42
 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



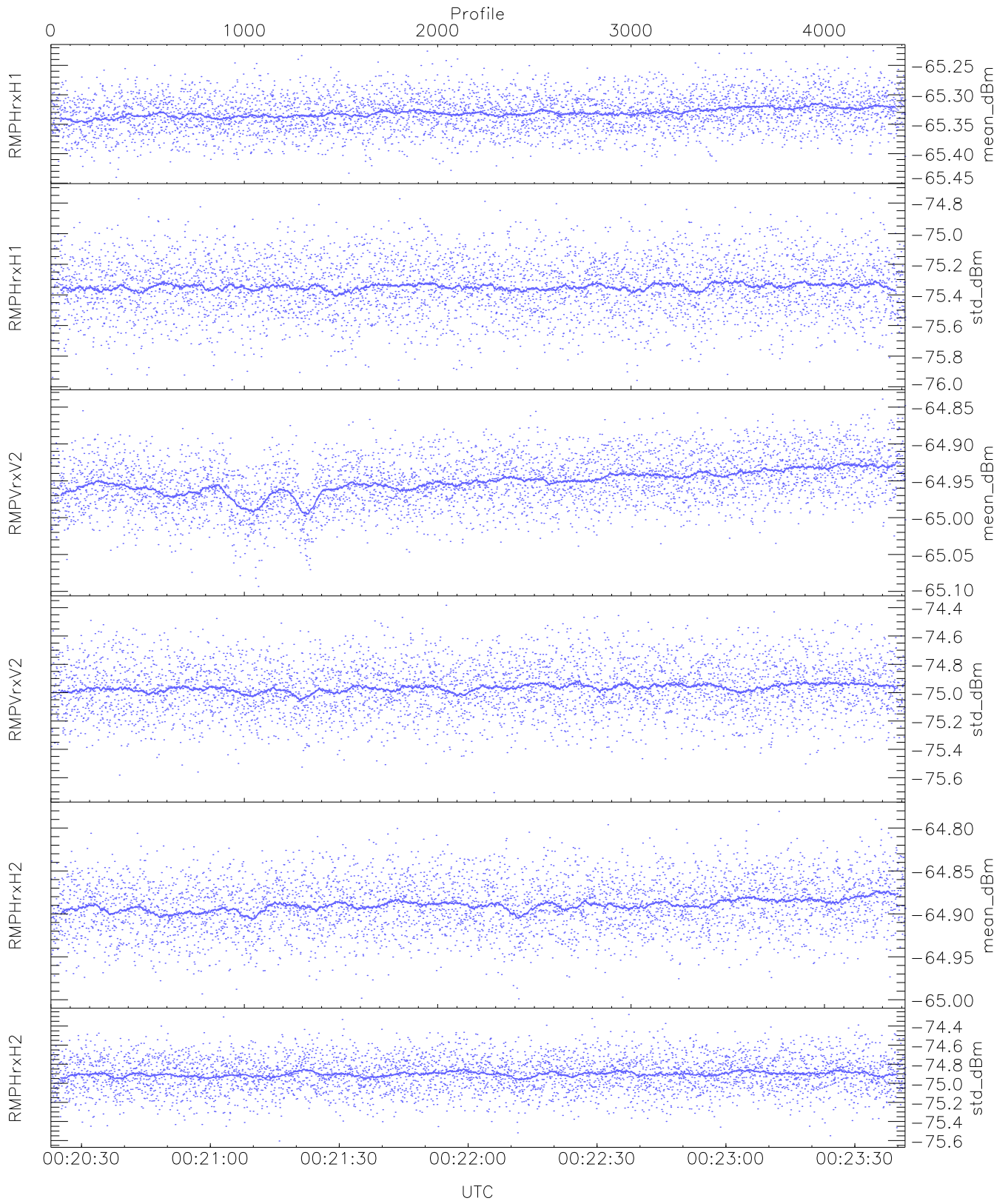
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



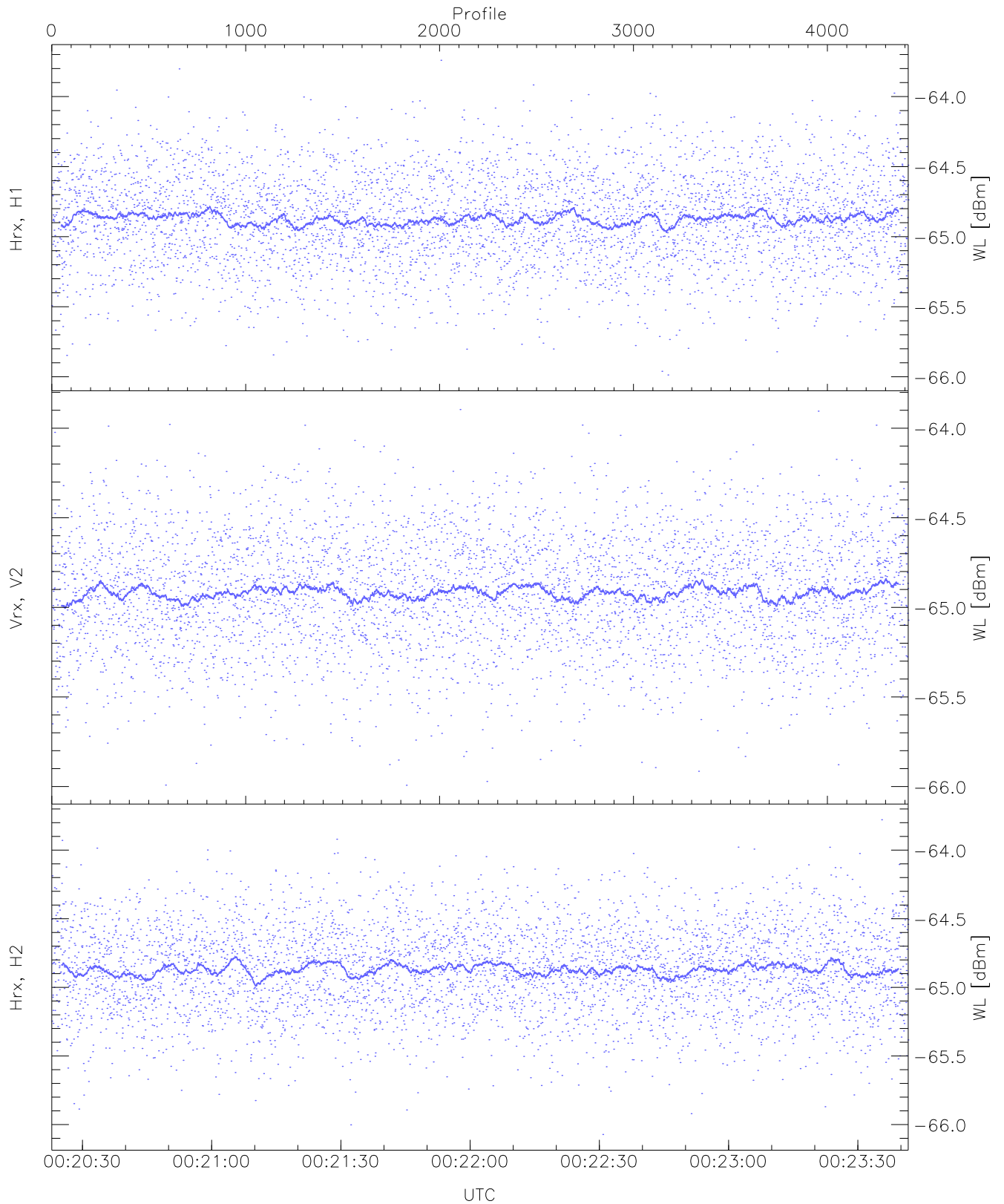
WCR3 CPP Receivers Gain and Noise Figure

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



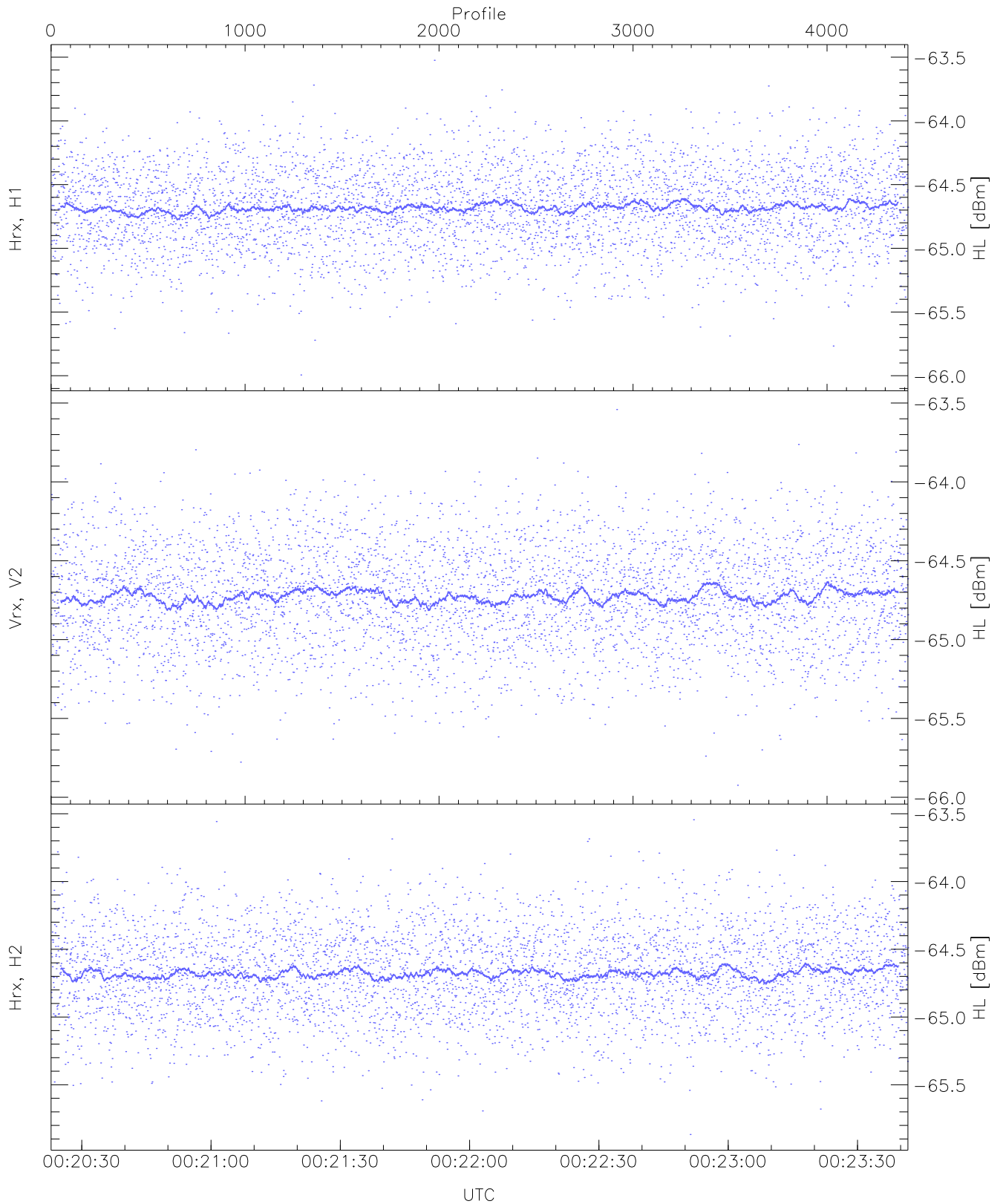
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.23	-65.33	-65.33	-86.83
RMPHrxH1(std_dBm)	-75.96	-74.73	-75.35	-75.35	-89.11
RMPVrxV2(mean_dBm)	-65.09	-64.84	-64.95	-64.95	-86.01
RMPVrxV2(std_dBm)	-75.71	-74.38	-74.96	-74.97	-88.82
RMPHrxH2(mean_dBm)	-65.00	-64.78	-64.89	-64.89	-86.44
RMPHrxH2(std_dBm)	-75.60	-74.28	-74.90	-74.90	-88.73



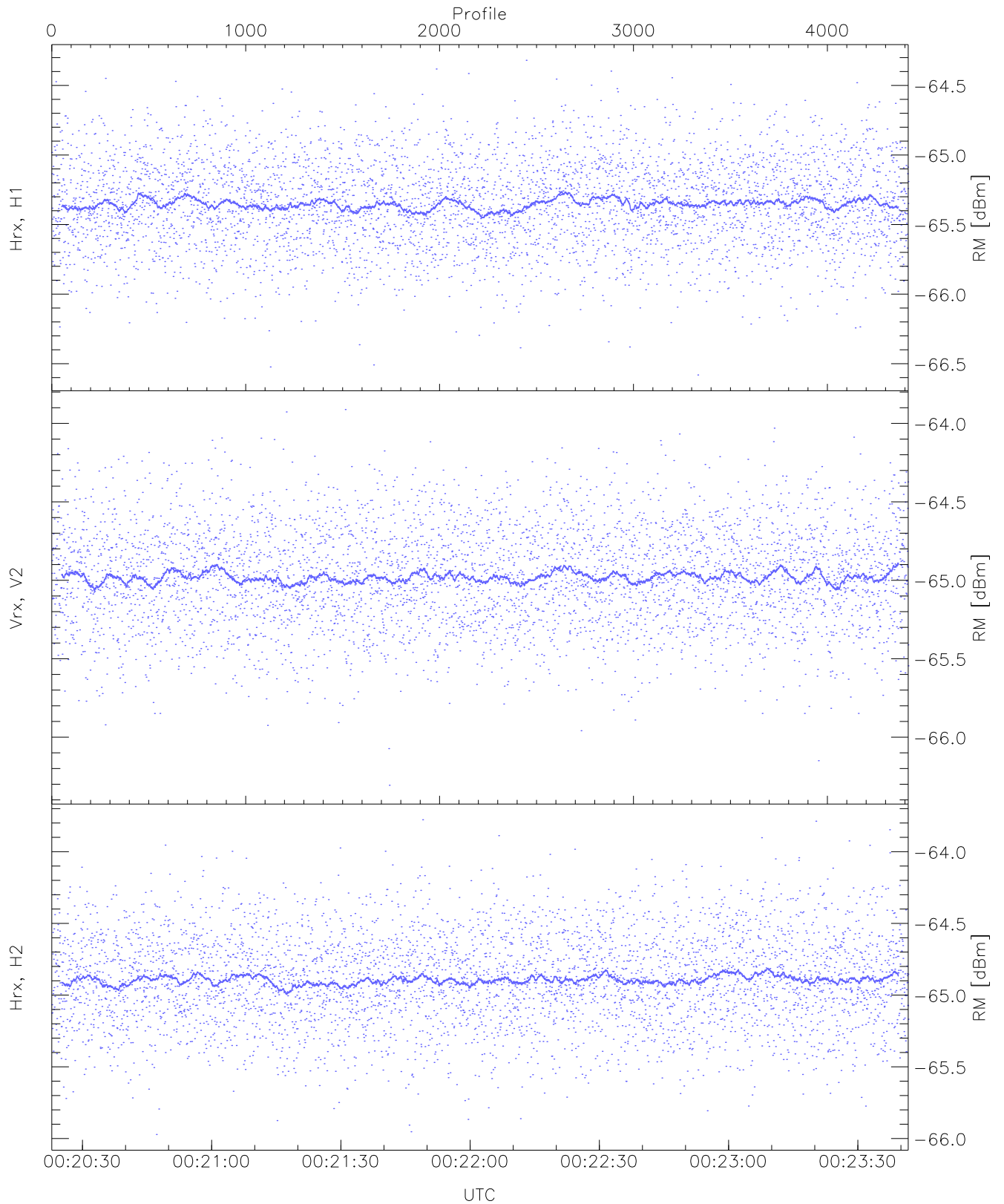
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.99	-63.74	-64.86	-64.87	-76.31
Vrx, V2 (WL [dBm])	-65.99	-63.90	-64.91	-64.92	-76.47
Hrx, H2 (WL [dBm])	-66.07	-63.78	-64.86	-64.87	-76.38



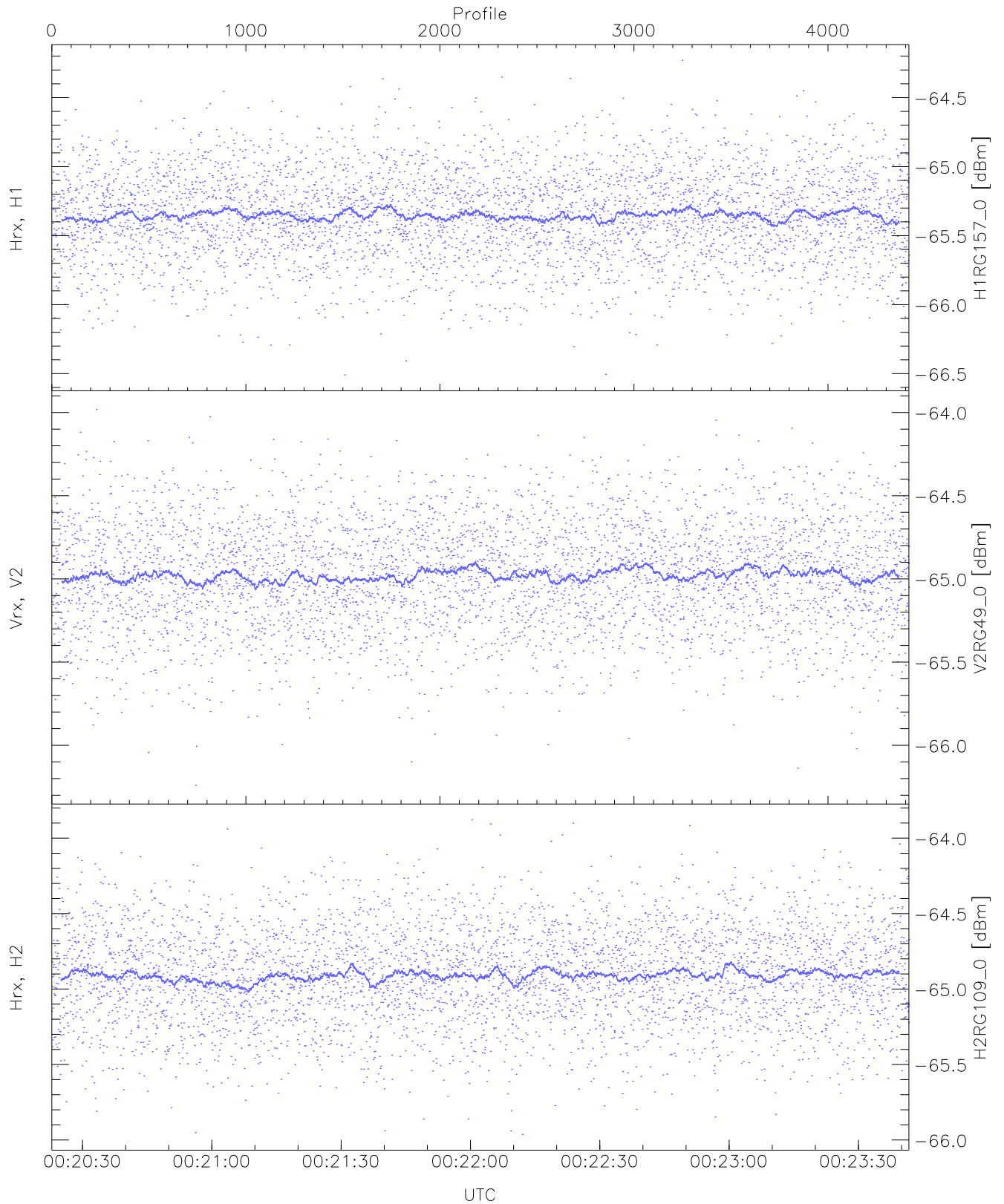
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.99	-63.52	-64.67	-64.68	-76.27
Vrx, V2 (HL [dBm])	-65.92	-63.54	-64.72	-64.72	-76.23
Hrx, H2 (HL [dBm])	-65.87	-63.54	-64.67	-64.68	-76.18



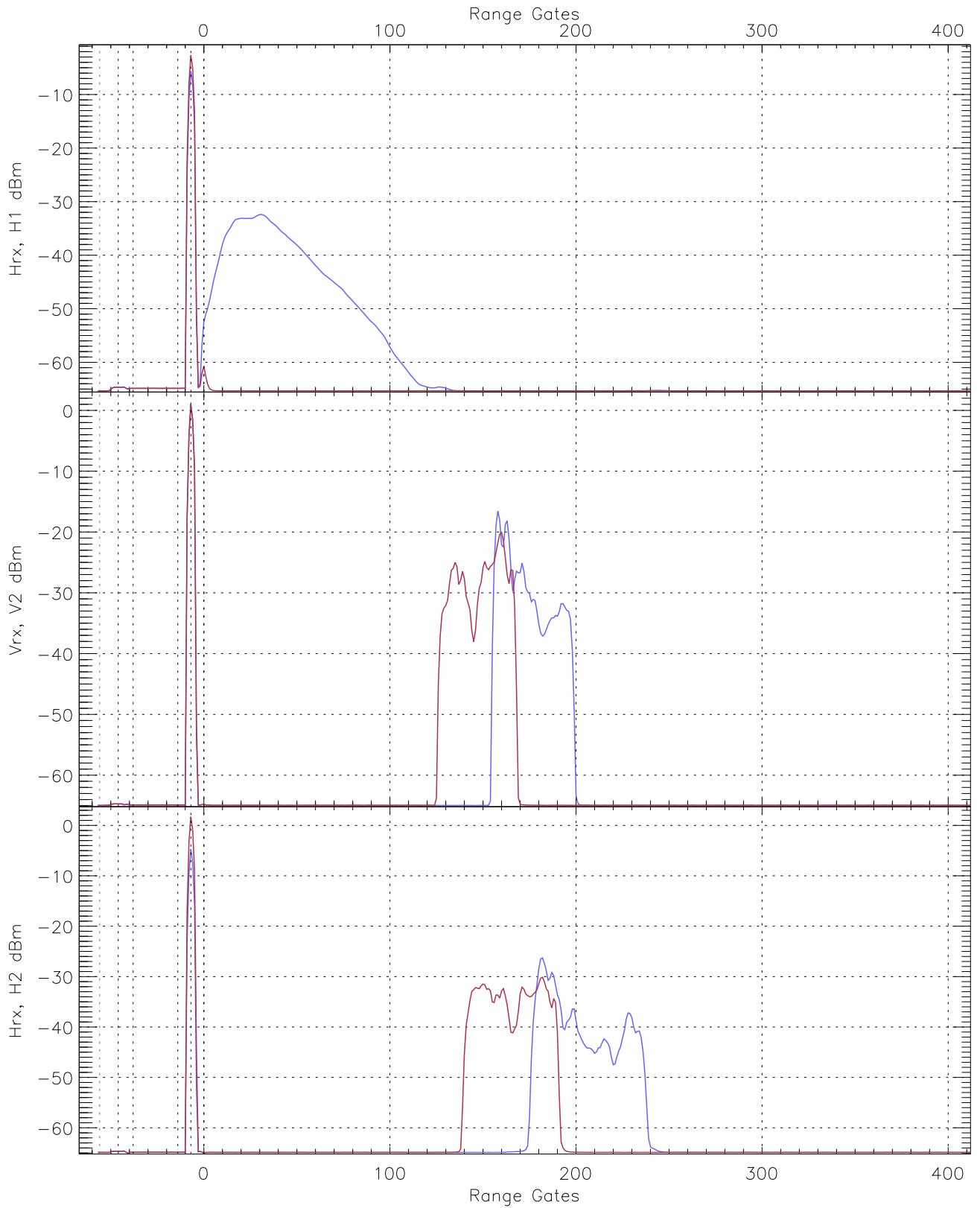
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.58	-64.32	-65.34	-65.36	-76.87
Vrx, V2 (RM [dBm])	-66.31	-63.91	-64.97	-64.98	-76.43
Hrx, H2 (RM [dBm])	-65.97	-63.78	-64.88	-64.90	-76.33

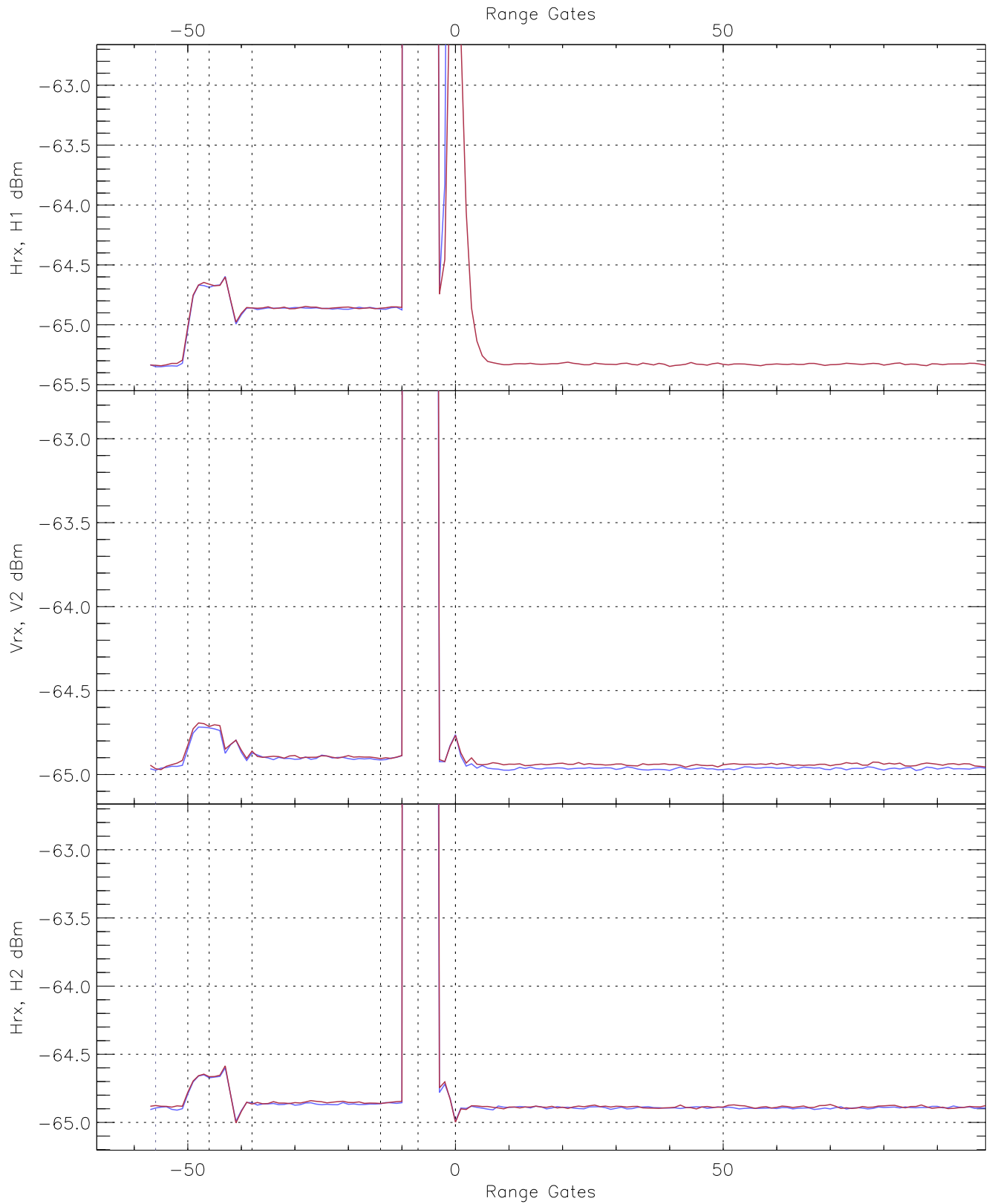


WCR3 CPP "Best" estimate Receivers Noise Power

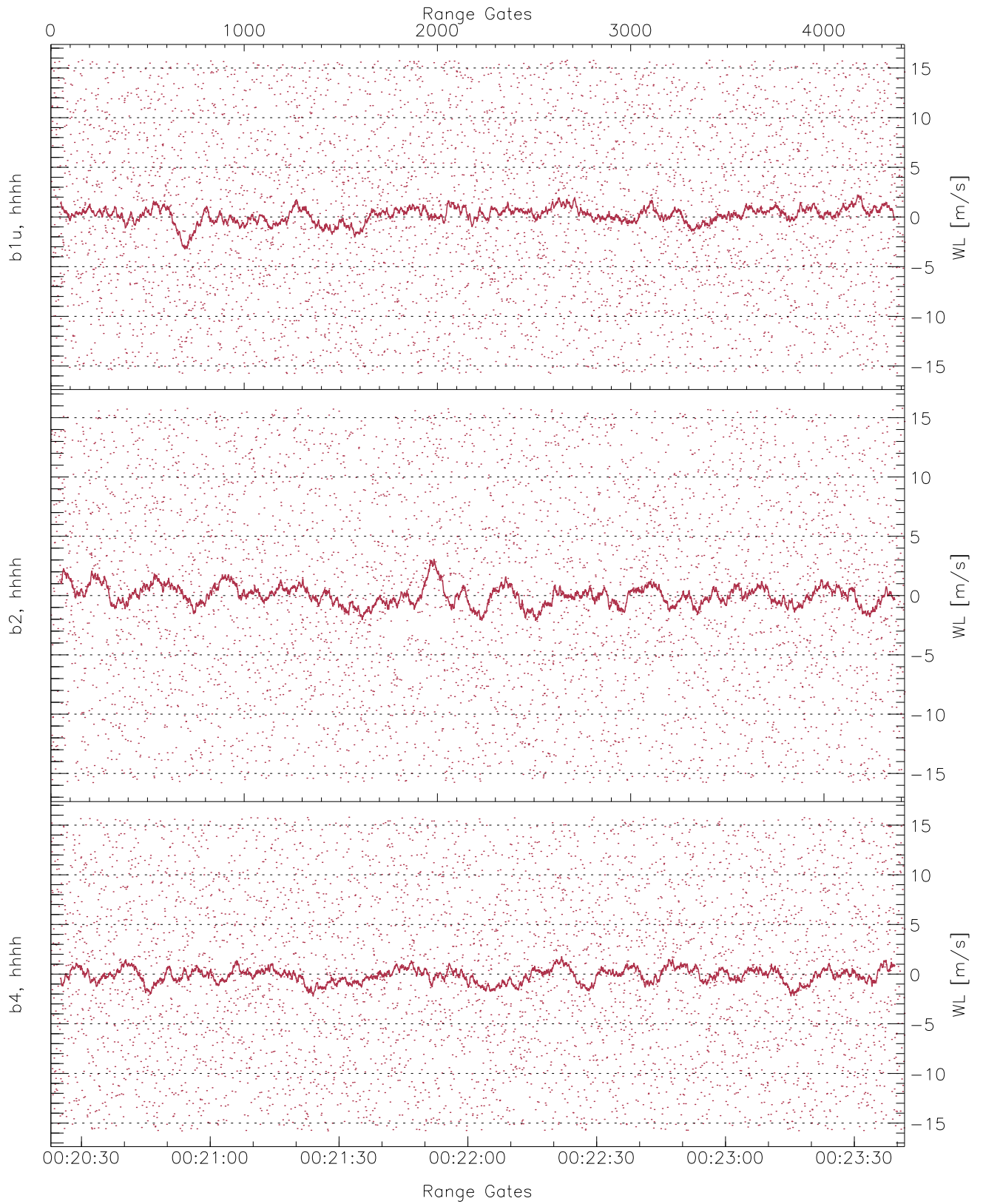
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-66.51	-64.23	-65.34	-65.36	-76.85
V2RG49_0 [dBm]	-66.24	-63.98	-64.97	-64.97	-76.49
H2RG109_0 [dBm]	-65.96	-63.88	-64.90	-64.91	-76.42



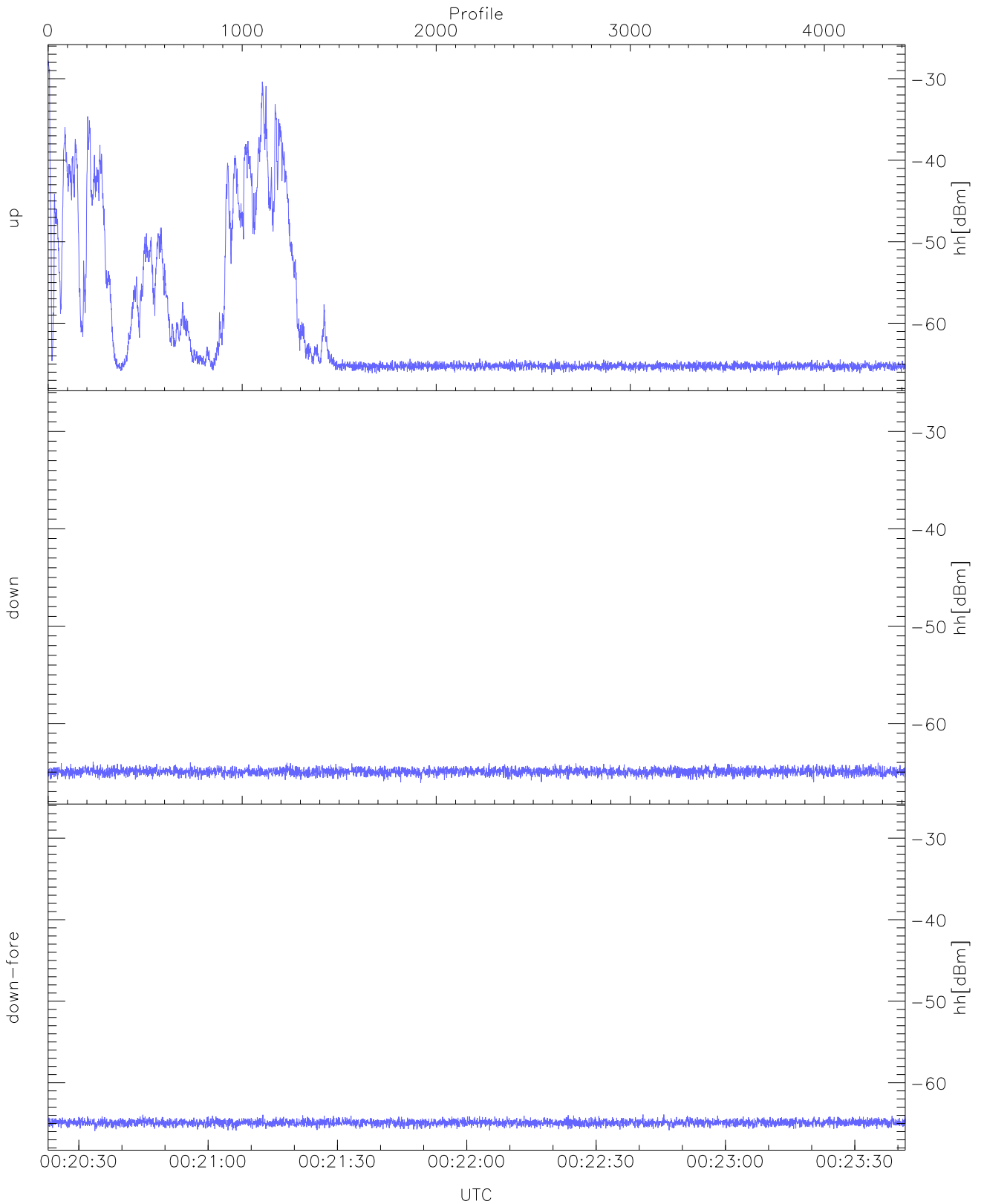
WCR3 CPP Averaged Received power for all recorded gates
blue: 002023-002202, 2210 profiles averaged
red: 002202-002342, 2209 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 002023-002202, 2210 profiles averaged
red: 002202-002342, 2209 profiles averaged

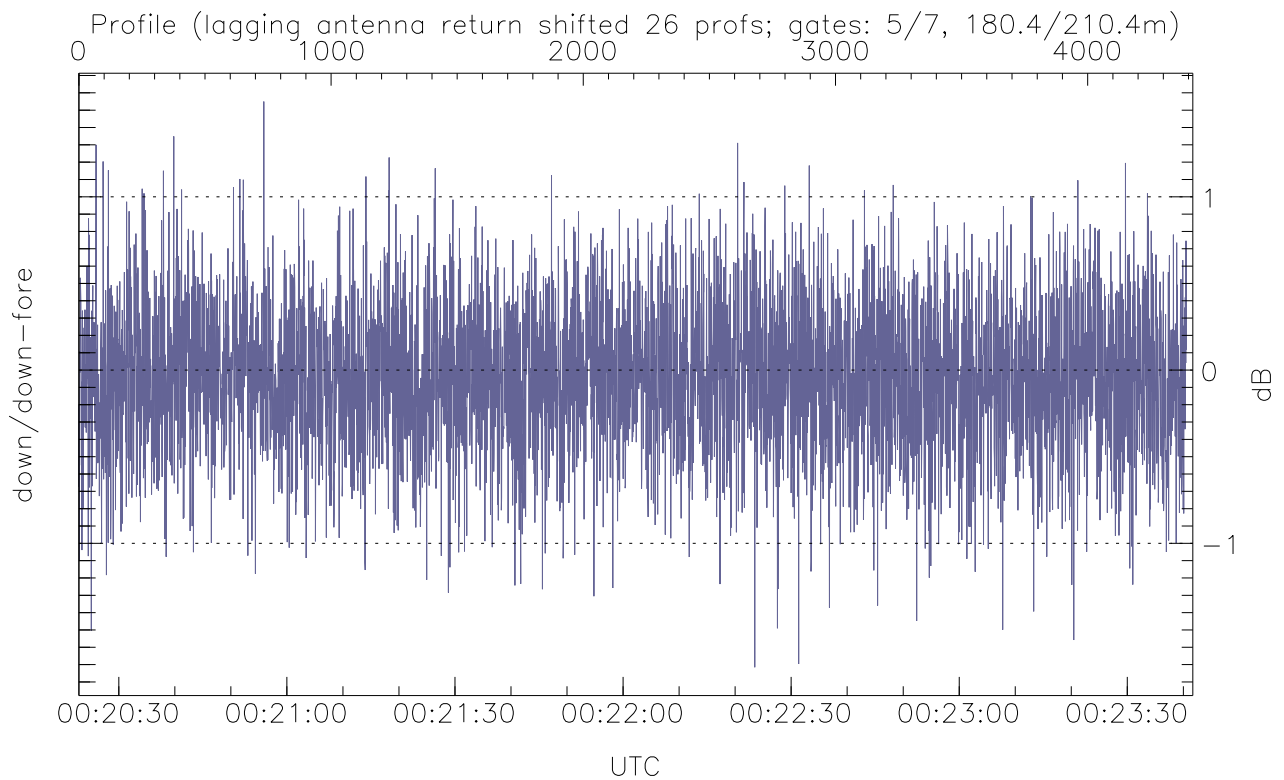
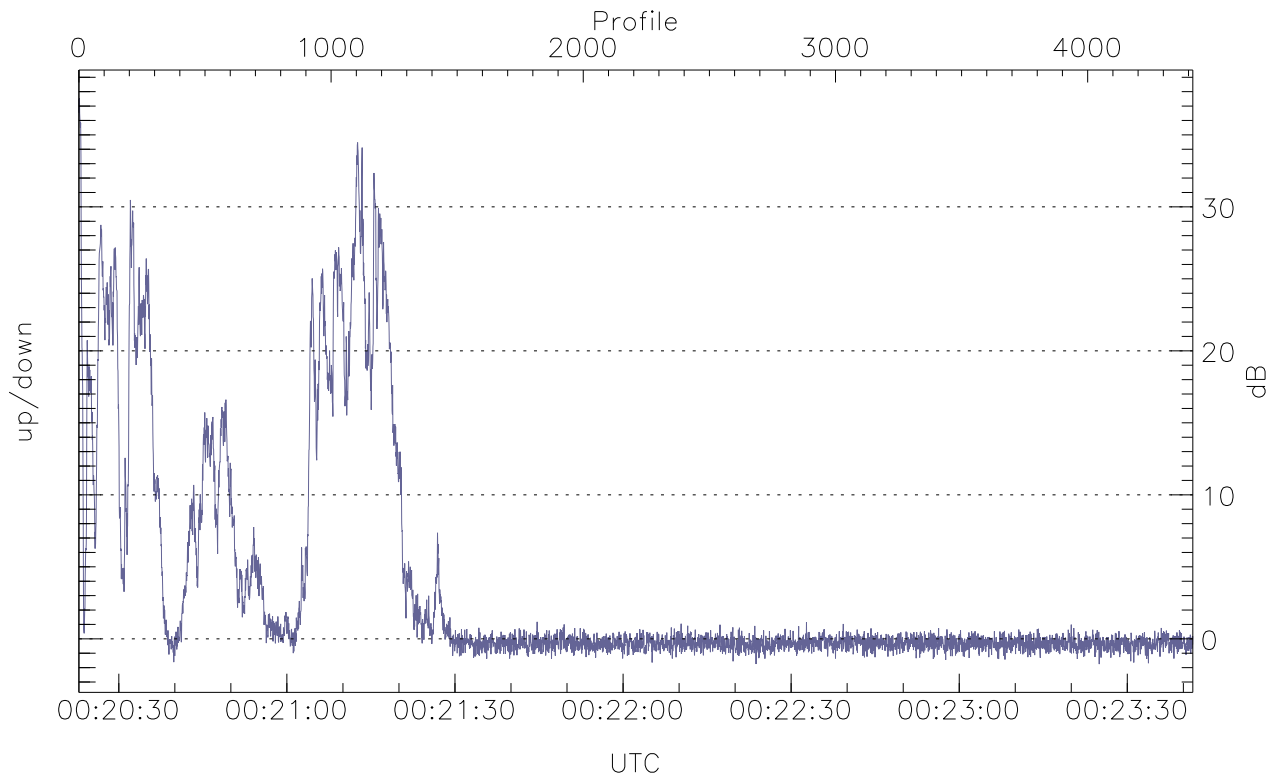


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



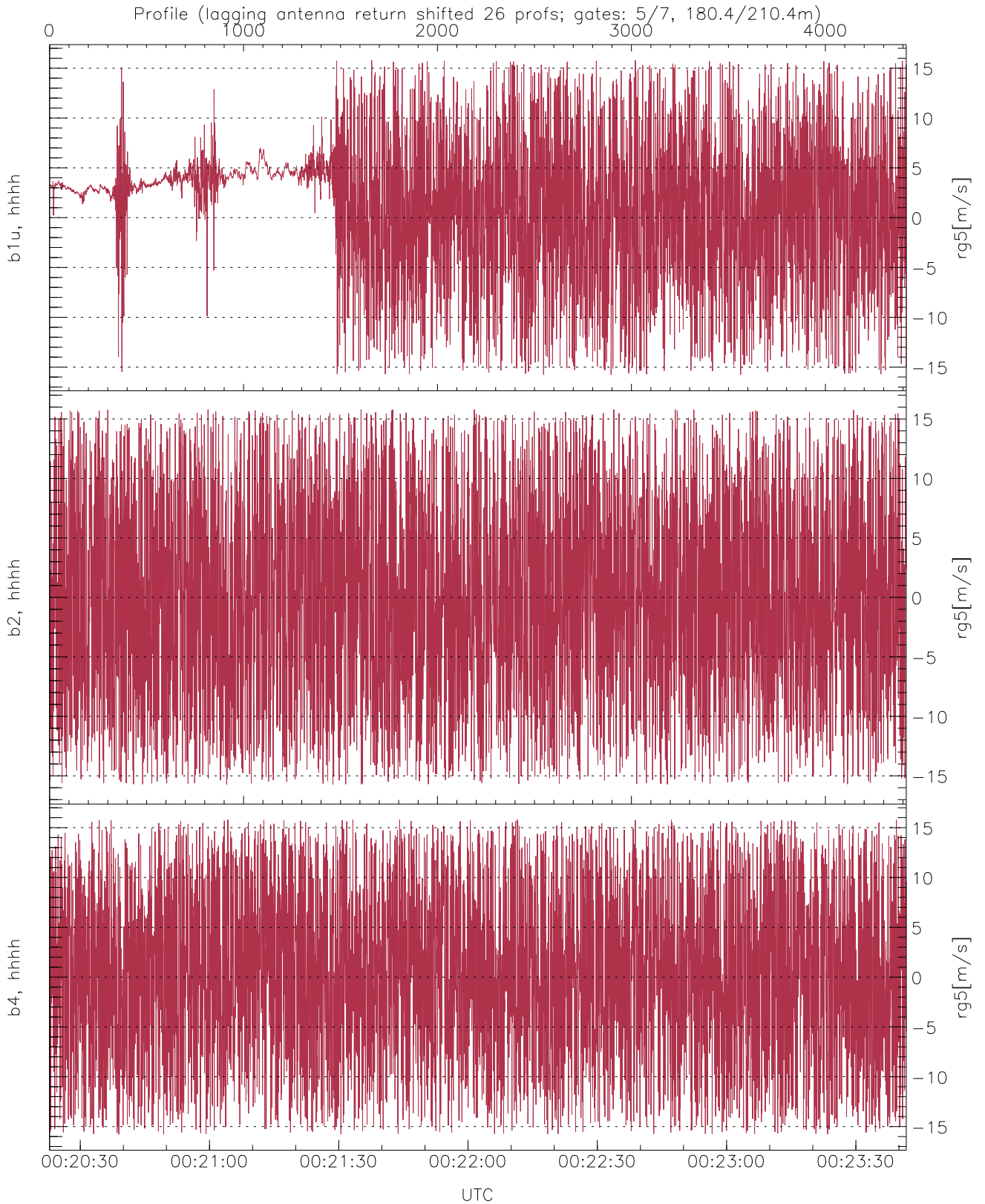
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.35	-27.74	-48.12
down(hh[dBm])	-66.12	-63.94	-64.94
down-fore(hh[dBm])	-65.91	-63.90	-64.89



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

	Min	Max	Mean
up/down (dB)	-1.75	37.54	3.73
down/down-fore (dB)	-1.72	1.55	-0.05



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	1.42	6.73
b2, hhhh(rg5[m/s])	-15.72	15.79	-0.15	8.64
b4, hhhh(rg5[m/s])	-15.78	15.79	0.05	8.64