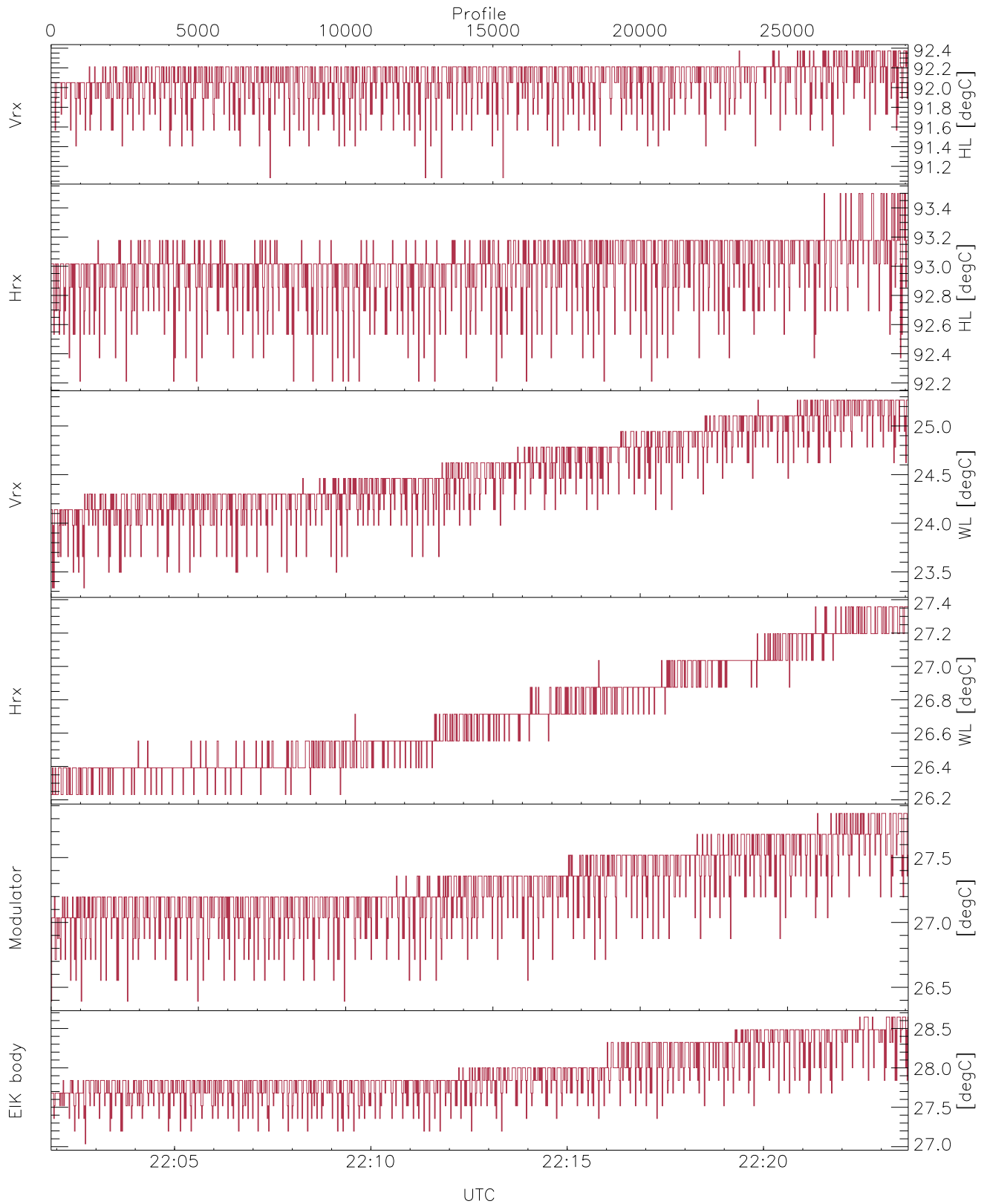


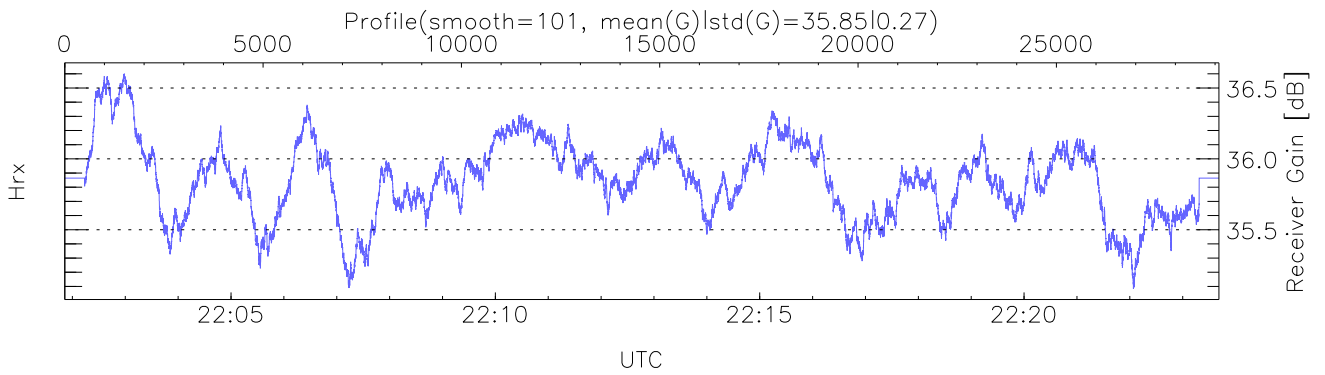
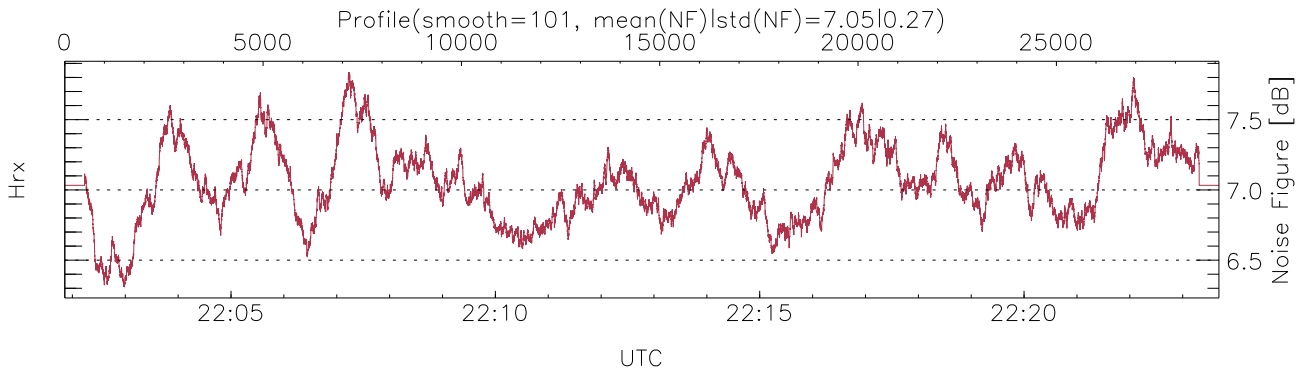
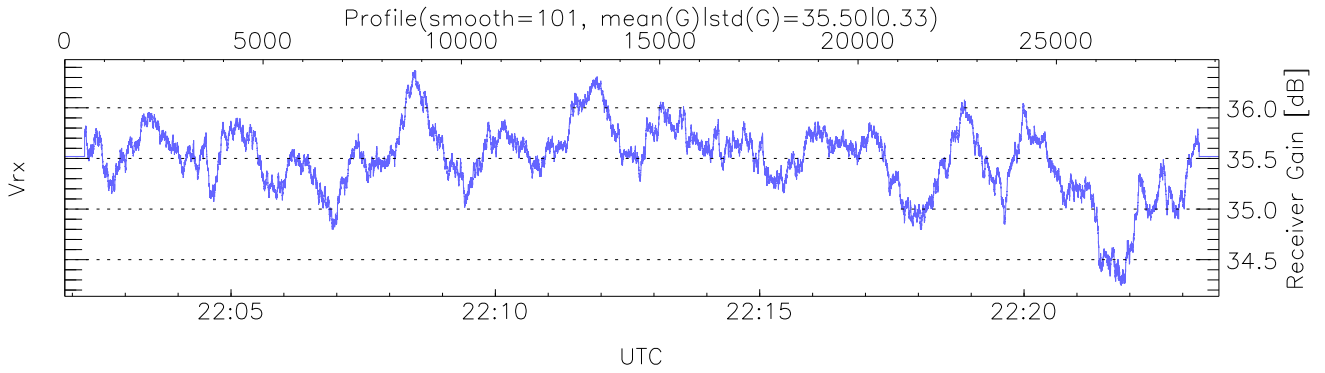
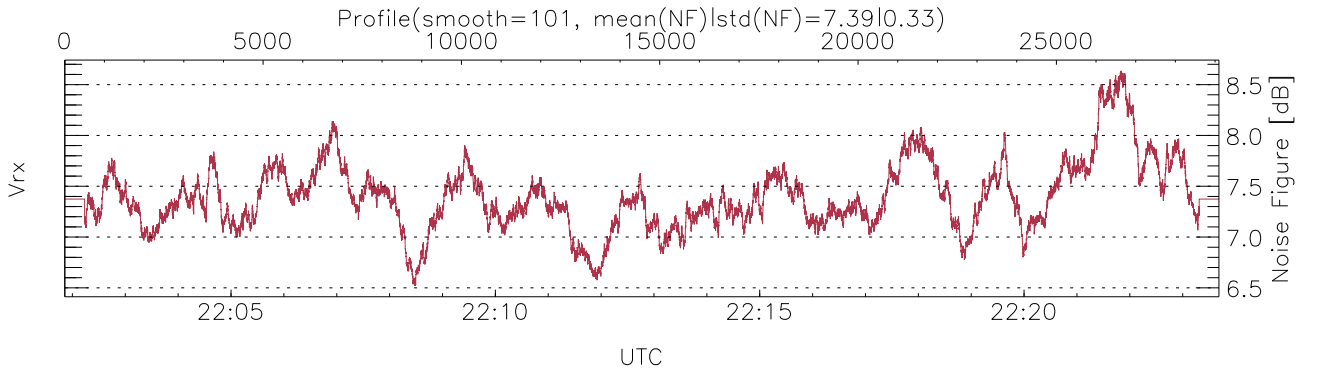
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:01:51-22:23:41, TimeCor: 0.00s, Dur: 1309.78s
 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): 29100/29100, 0-29099/22:01:51-22:23:41
 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



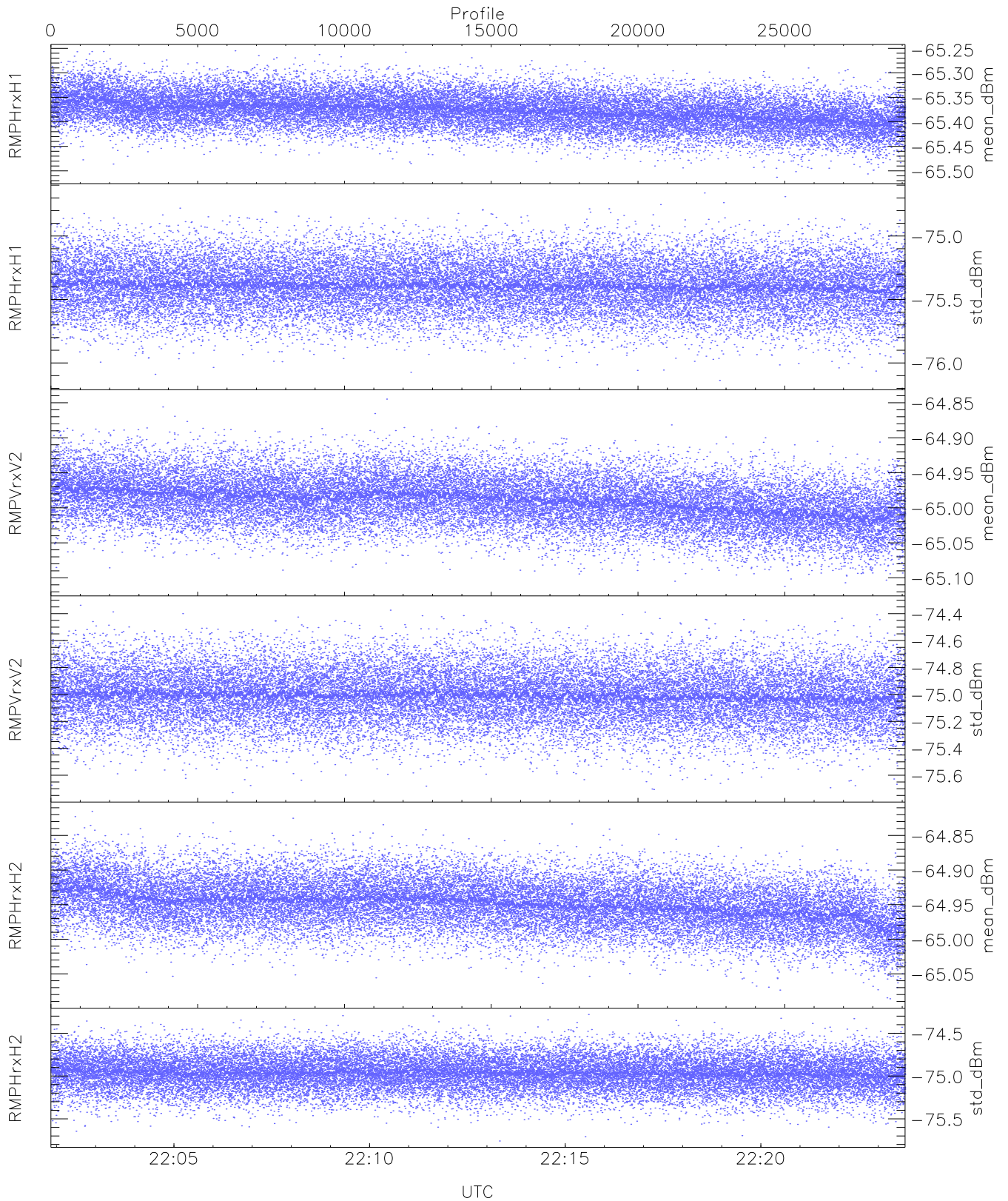
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,27,28
 LOalarm(20,240,2817,14861 MHz): None
 EIK Faults(# prof affected):
 BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24)



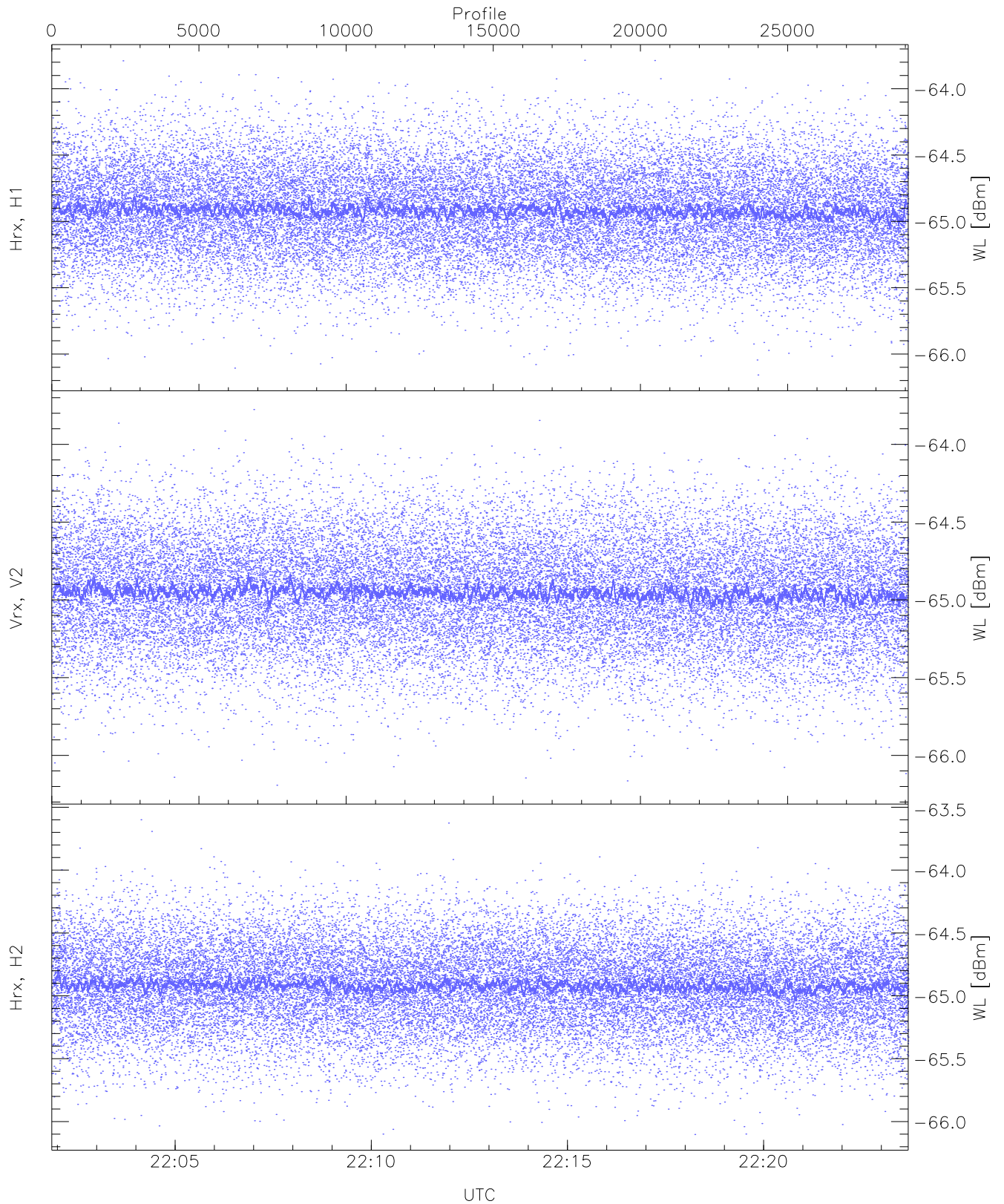
WCR3 CPP Receivers Gain and Noise Figure

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



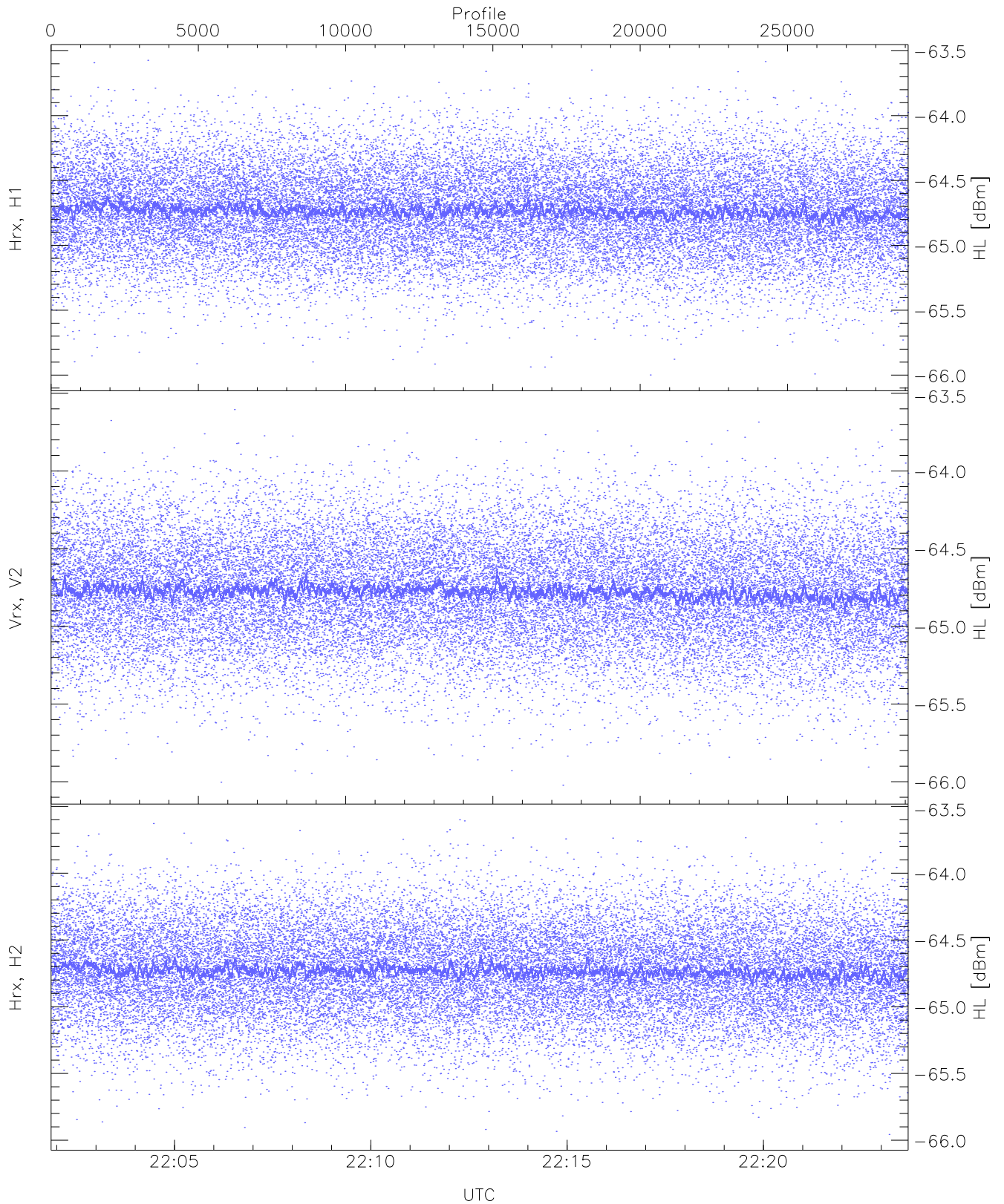
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.26	-65.38	-65.38	-86.61
RMPHrxH1(std_dBm)	-76.14	-74.66	-75.39	-75.39	-89.17
RMPVrxV2(mean_dBm)	-65.11	-64.84	-64.99	-64.99	-86.27
RMPVrxV2(std_dBm)	-75.73	-74.34	-75.01	-75.01	-88.81
RMPHrxH2(mean_dBm)	-65.09	-64.82	-64.95	-64.95	-86.22
RMPHrxH2(std_dBm)	-75.76	-74.28	-74.96	-74.97	-88.76



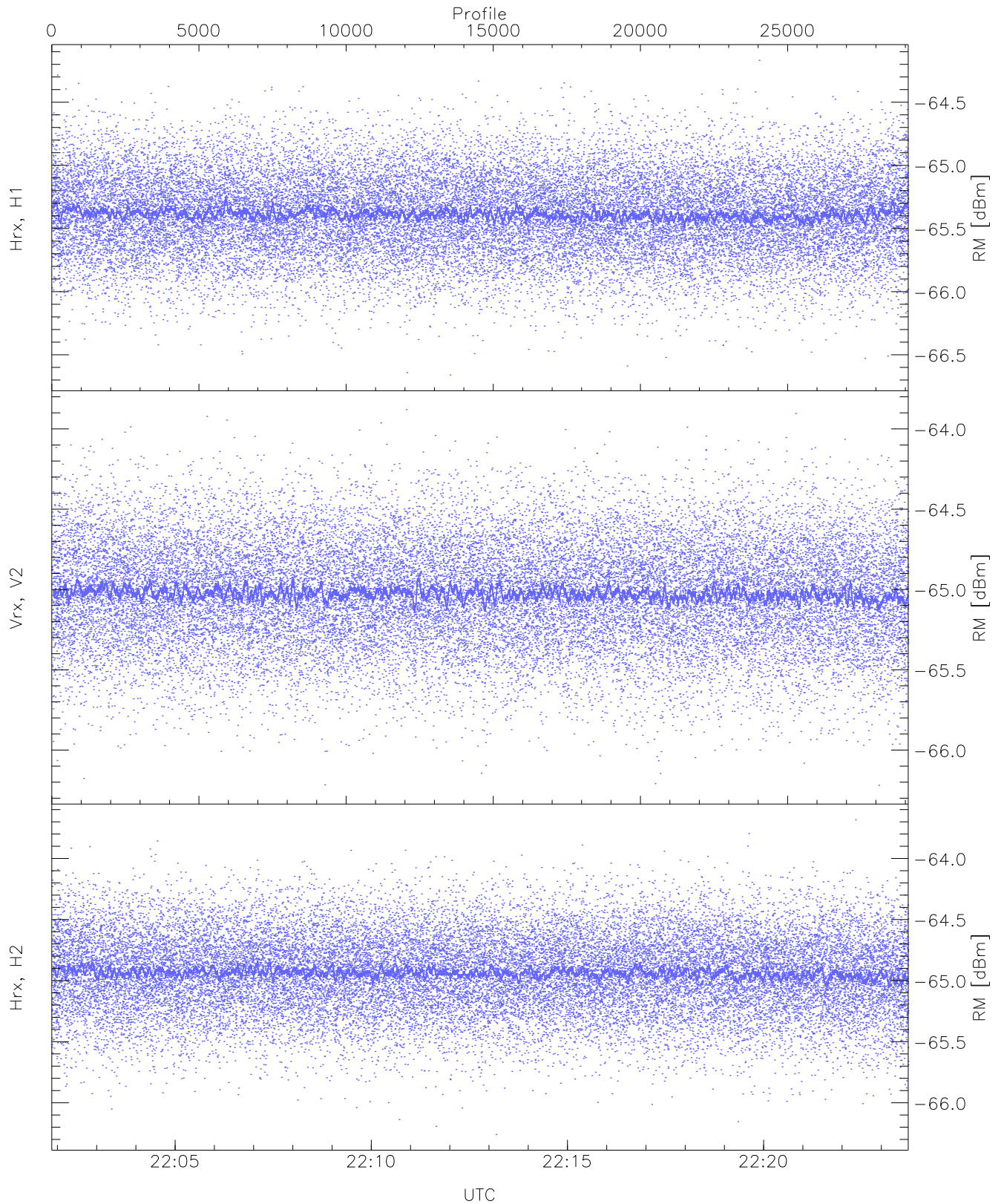
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.16	-63.79	-64.91	-64.92	-76.42
Vrx, V2 (WL [dBm])	-66.19	-63.78	-64.95	-64.95	-76.47
Hrx, H2 (WL [dBm])	-66.10	-63.60	-64.91	-64.92	-76.44



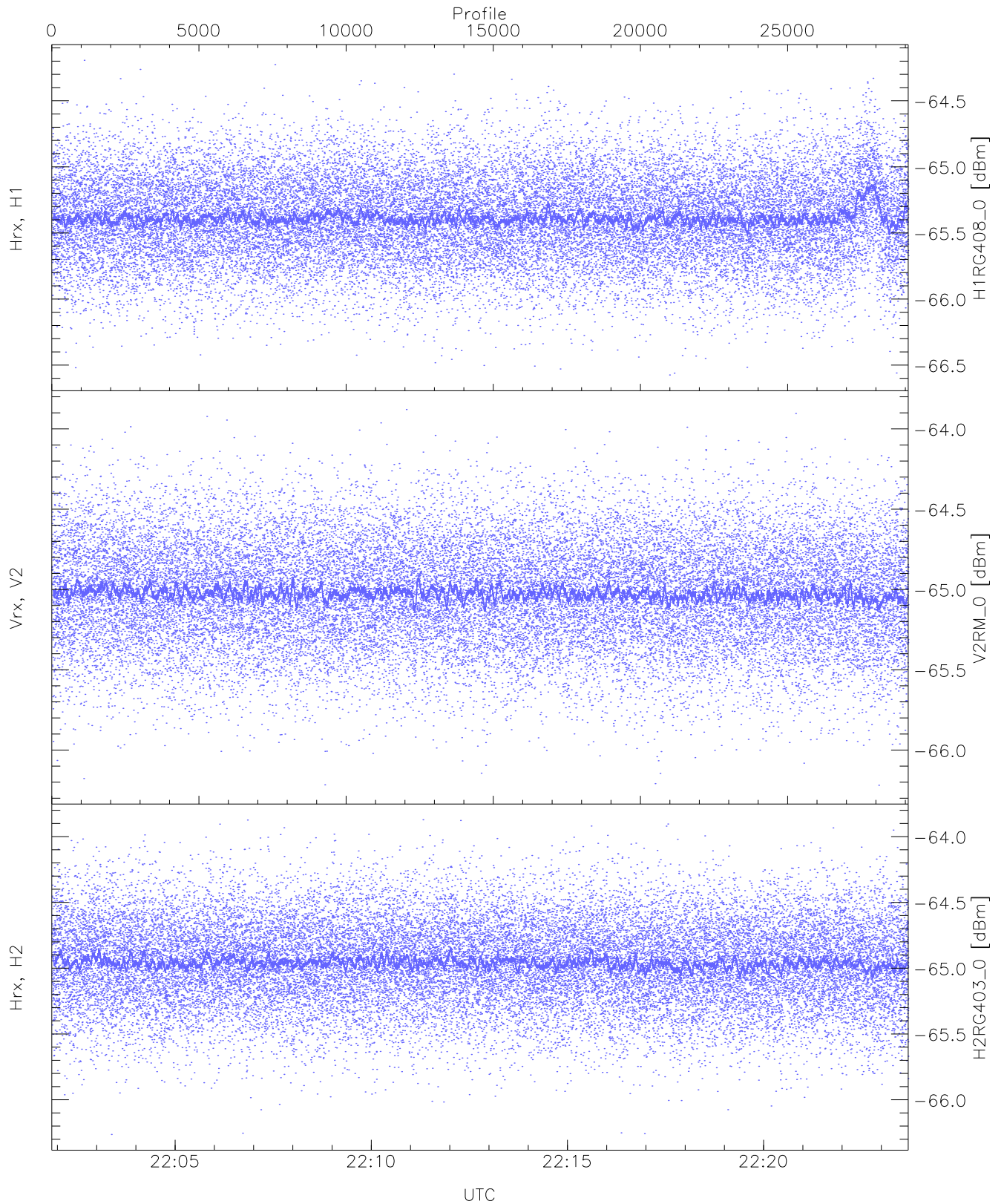
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.57	-64.73	-64.74	-76.23
Vrx, V2 (HL [dBm])	-66.02	-63.60	-64.77	-64.78	-76.27
Hrx, H2 (HL [dBm])	-65.96	-63.60	-64.73	-64.74	-76.23



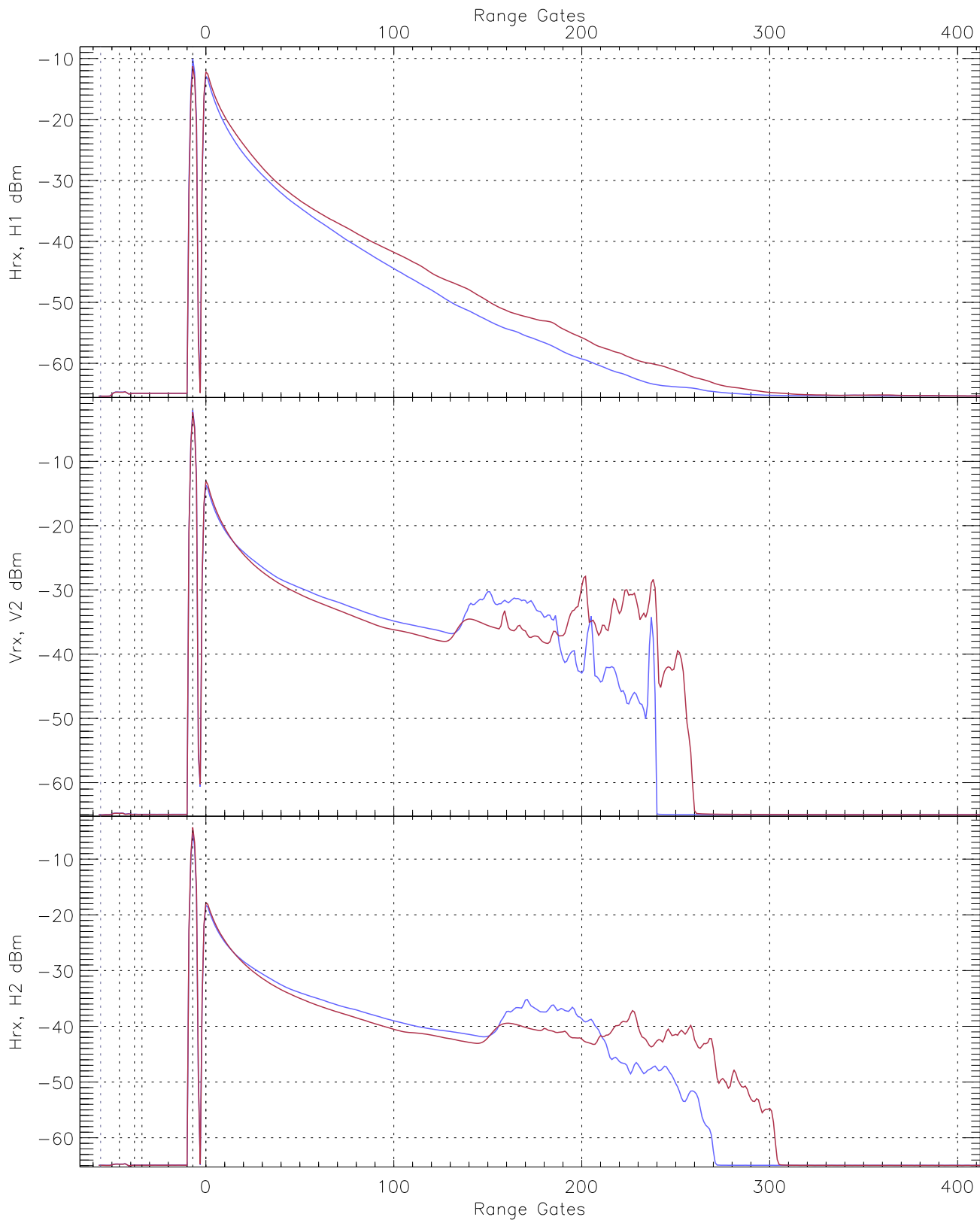
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.66	-64.17	-65.38	-65.39	-76.86
Vrx, V2 (RM [dBm])	-66.22	-63.88	-65.02	-65.02	-76.53
Hrx, H2 (RM [dBm])	-66.26	-63.68	-64.93	-64.93	-76.43

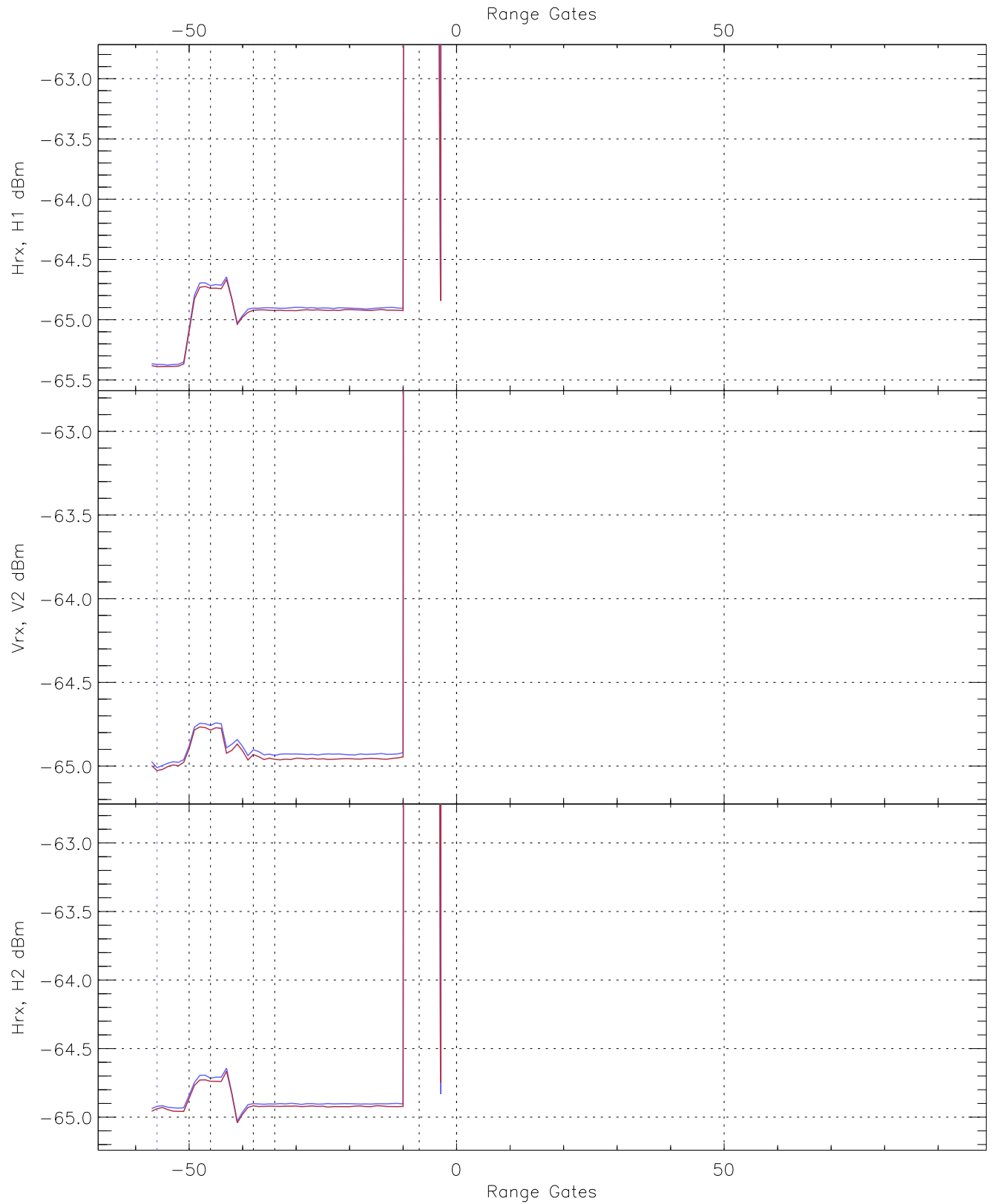


WCR3 CPP "Best" estimate Receivers Noise Power

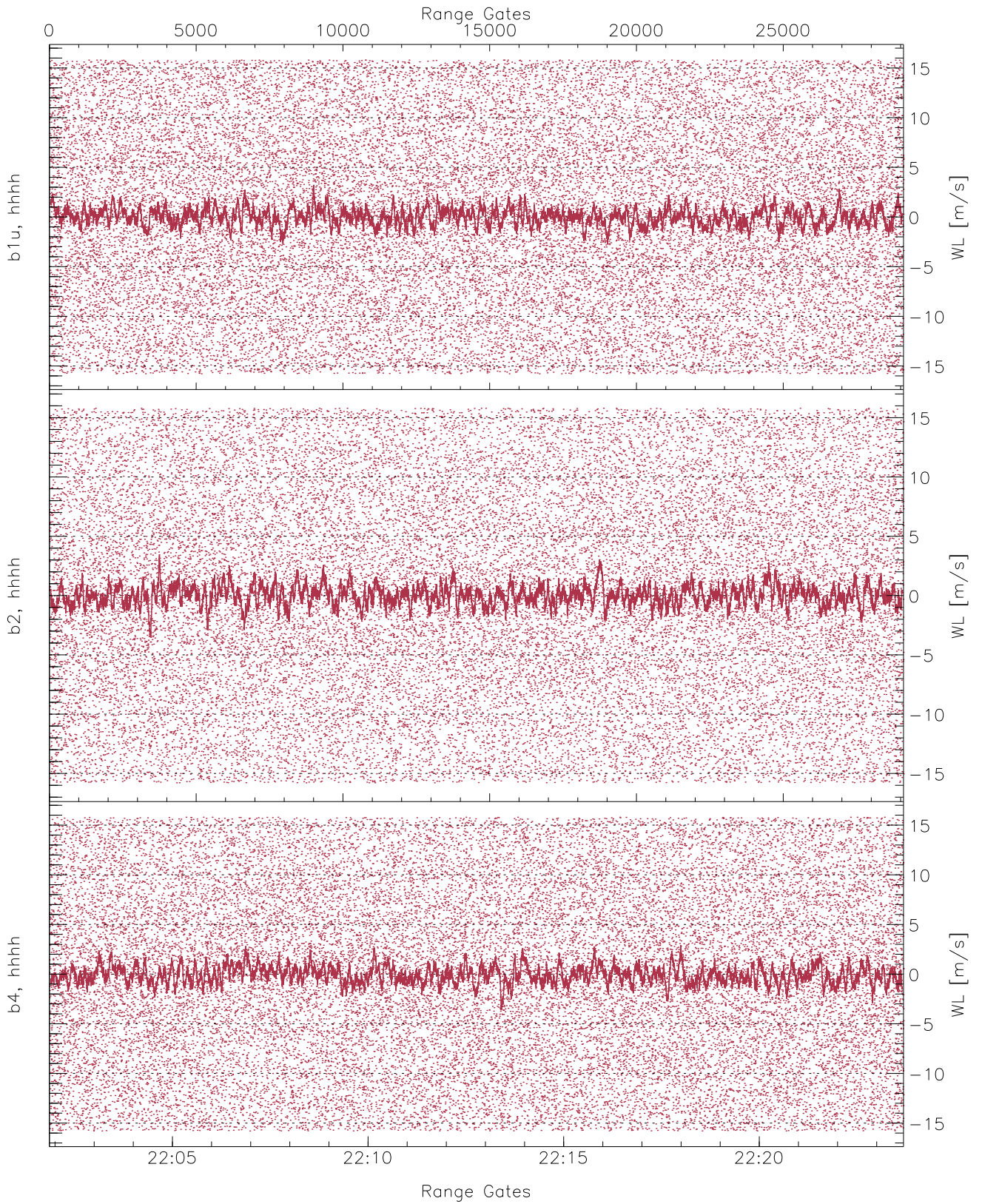
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.57	-64.19	-65.38	-65.39	-76.84
V2RM_0 [dBm]	-66.22	-63.88	-65.02	-65.02	-76.53
H2RG403_0 [dBm]	-66.26	-63.87	-64.95	-64.96	-76.44



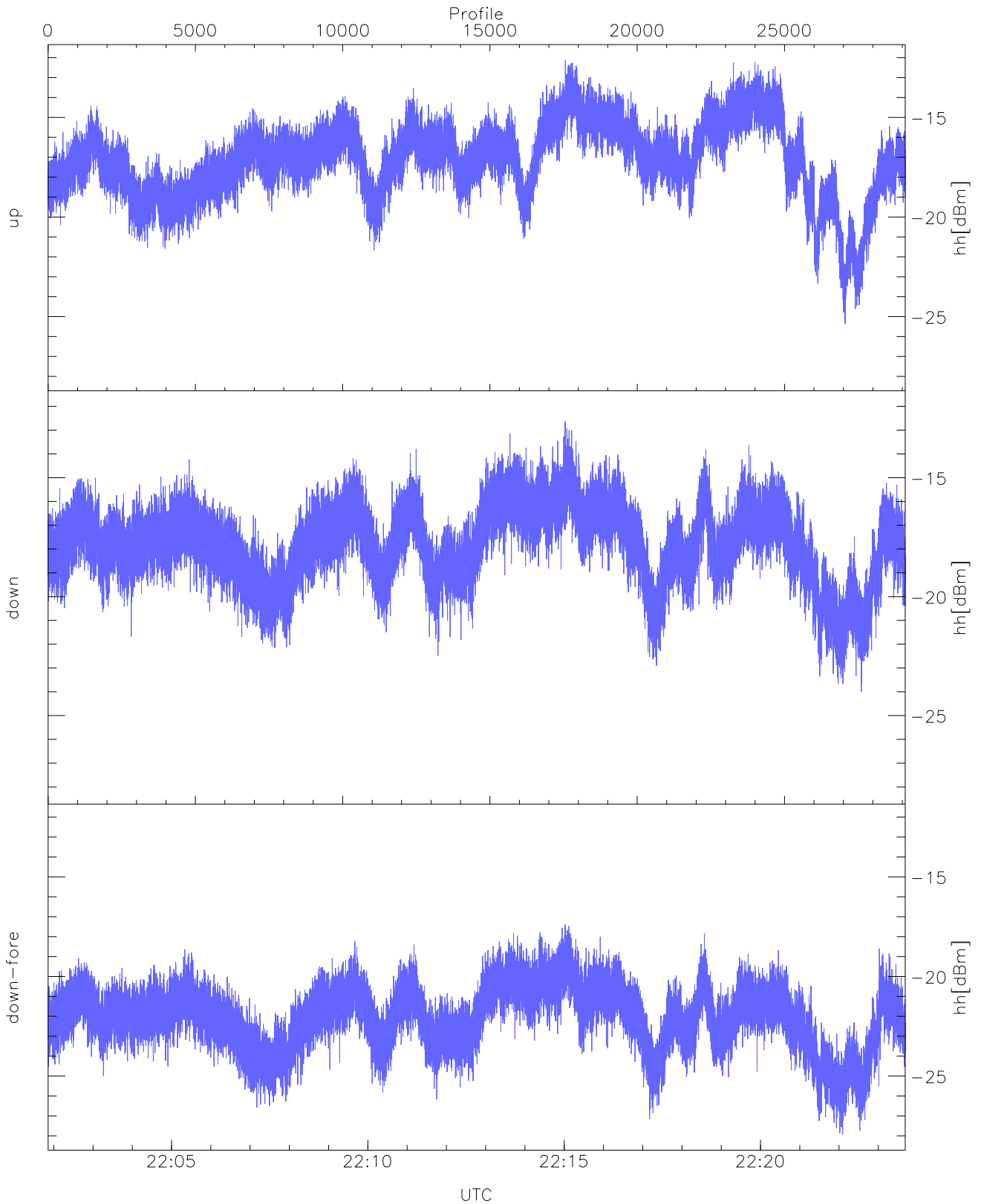
WCR3 CPP Averaged Received power for all recorded gates
blue: 220151-221246, 14551 profiles averaged
red: 221246-222341, 14550 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 220151-221246, 14551 profiles averaged
red: 221246-222341, 14550 profiles averaged

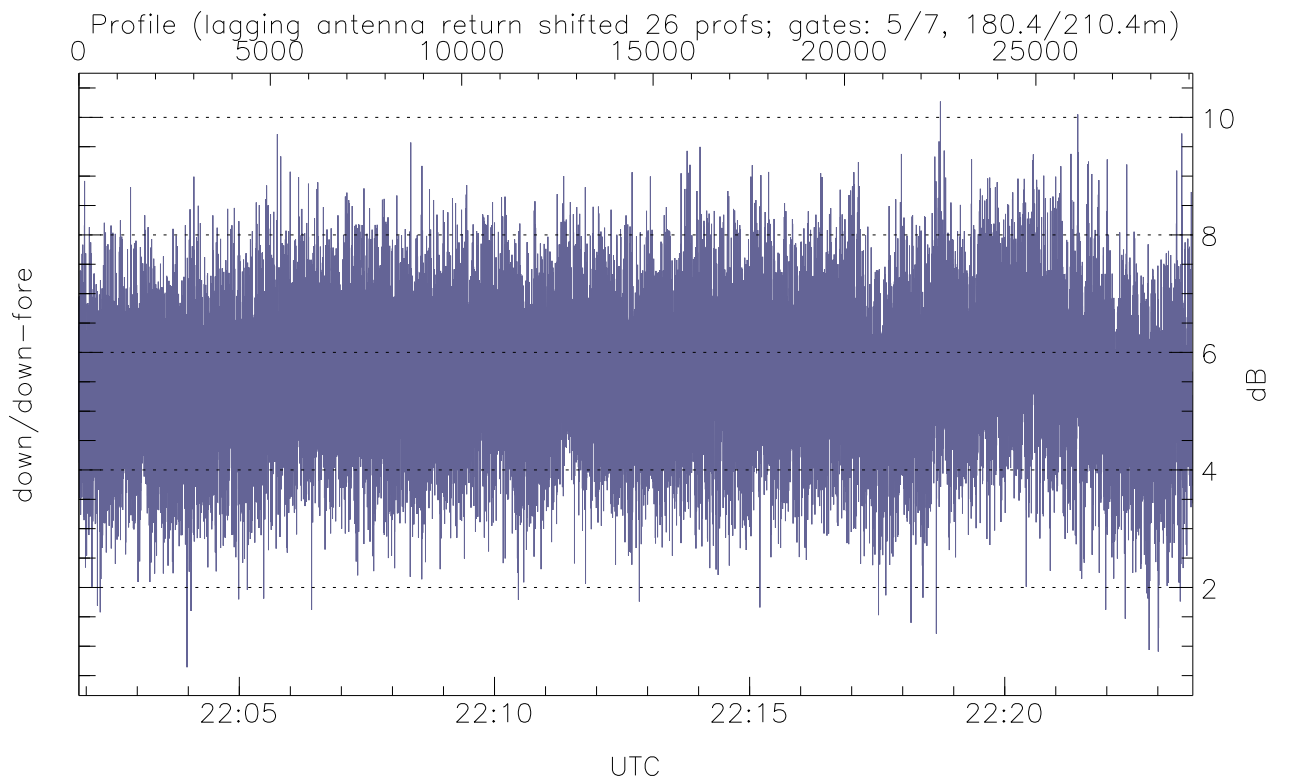
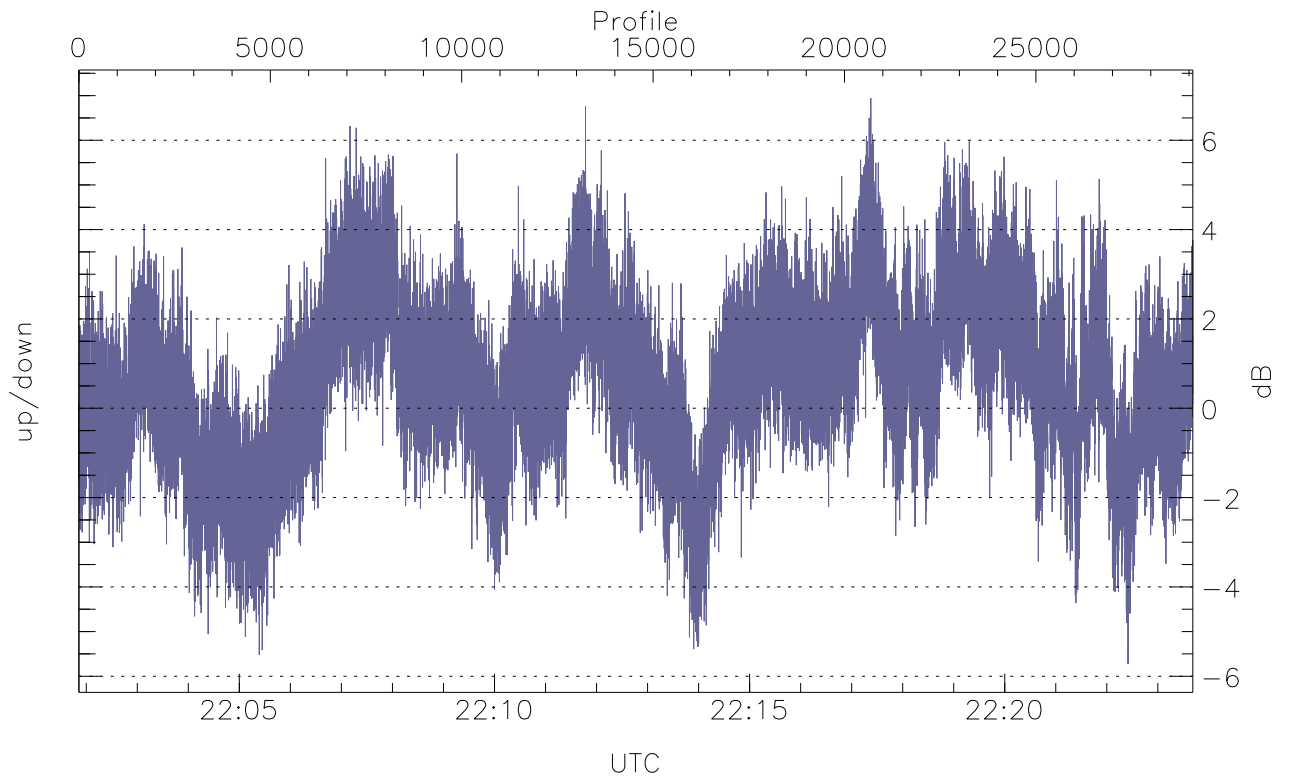


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



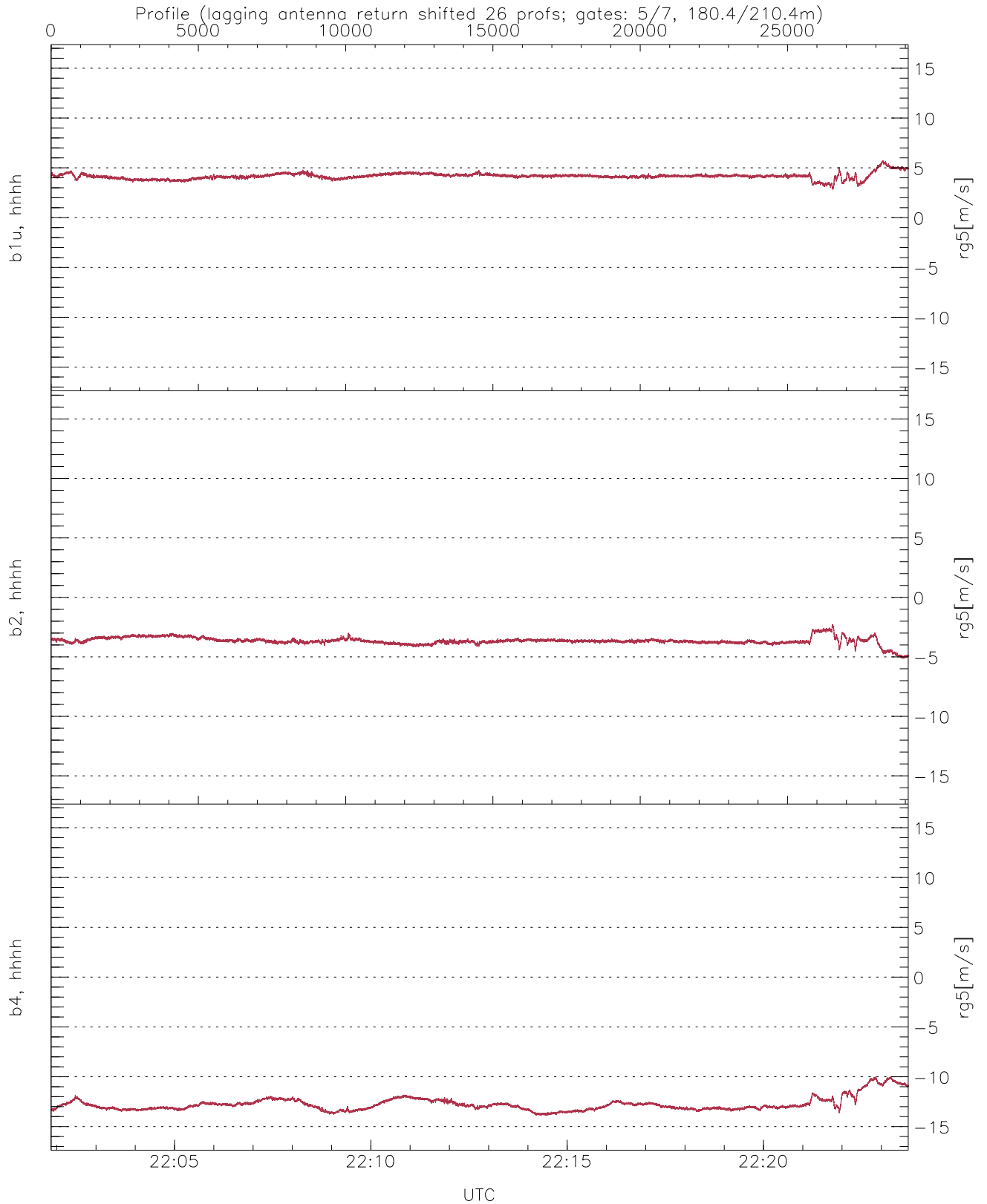
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-25.38	-12.13	-16.76
down(hh[dBm])	-24.01	-12.64	-17.52
down-fore(hh[dBm])	-27.93	-17.39	-21.80



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

	Min	Max	Mean
up/down (dB)	-5.73	6.94	0.67
down/down-fore (dB)	0.64	10.27	5.57



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	2.82	5.72	4.17	0.31
b2, hhhh(rg5[m/s])	-5.16	-2.27	-3.65	0.31
b4, hhhh(rg5[m/s])	-13.91	-9.99	-12.76	0.69