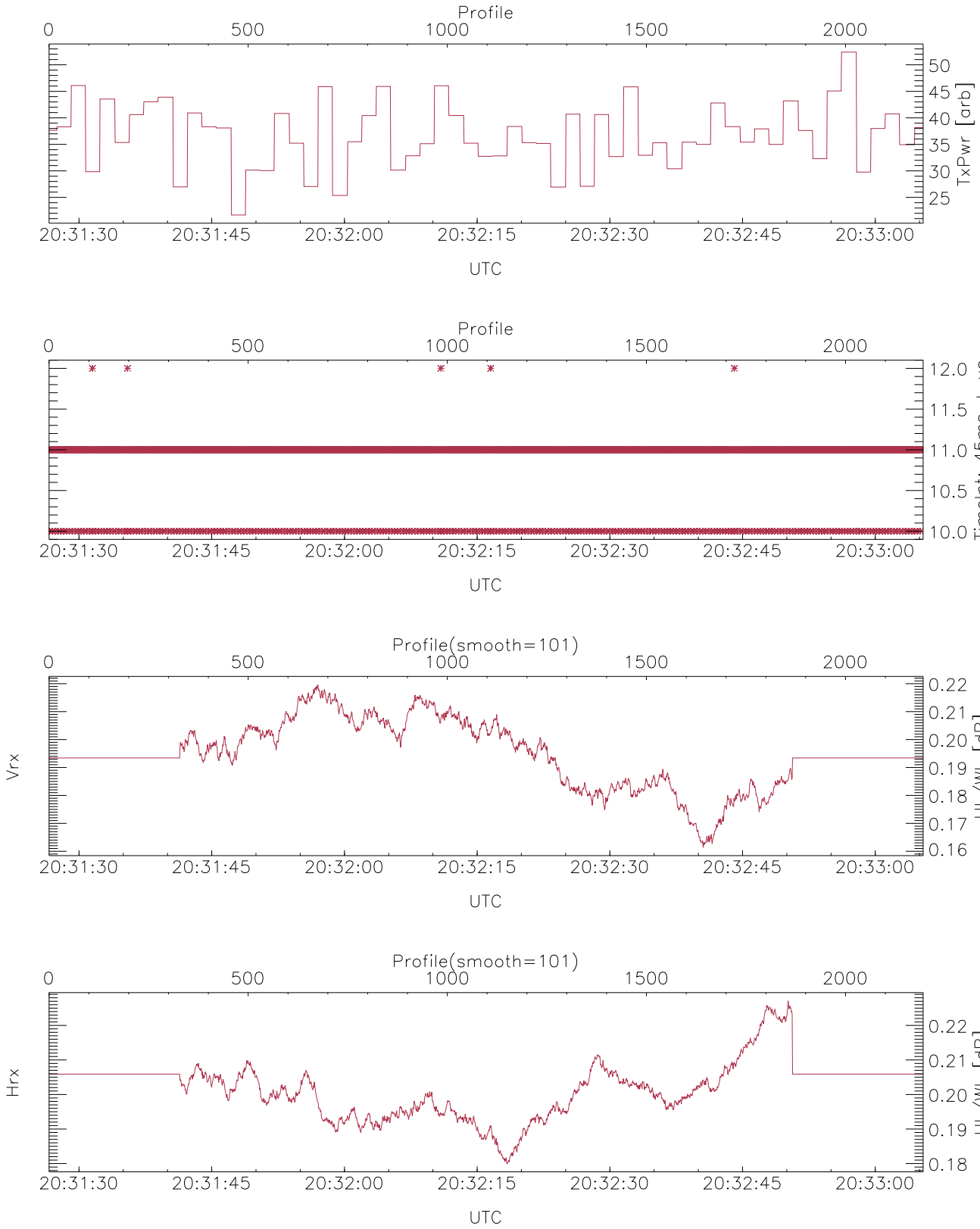
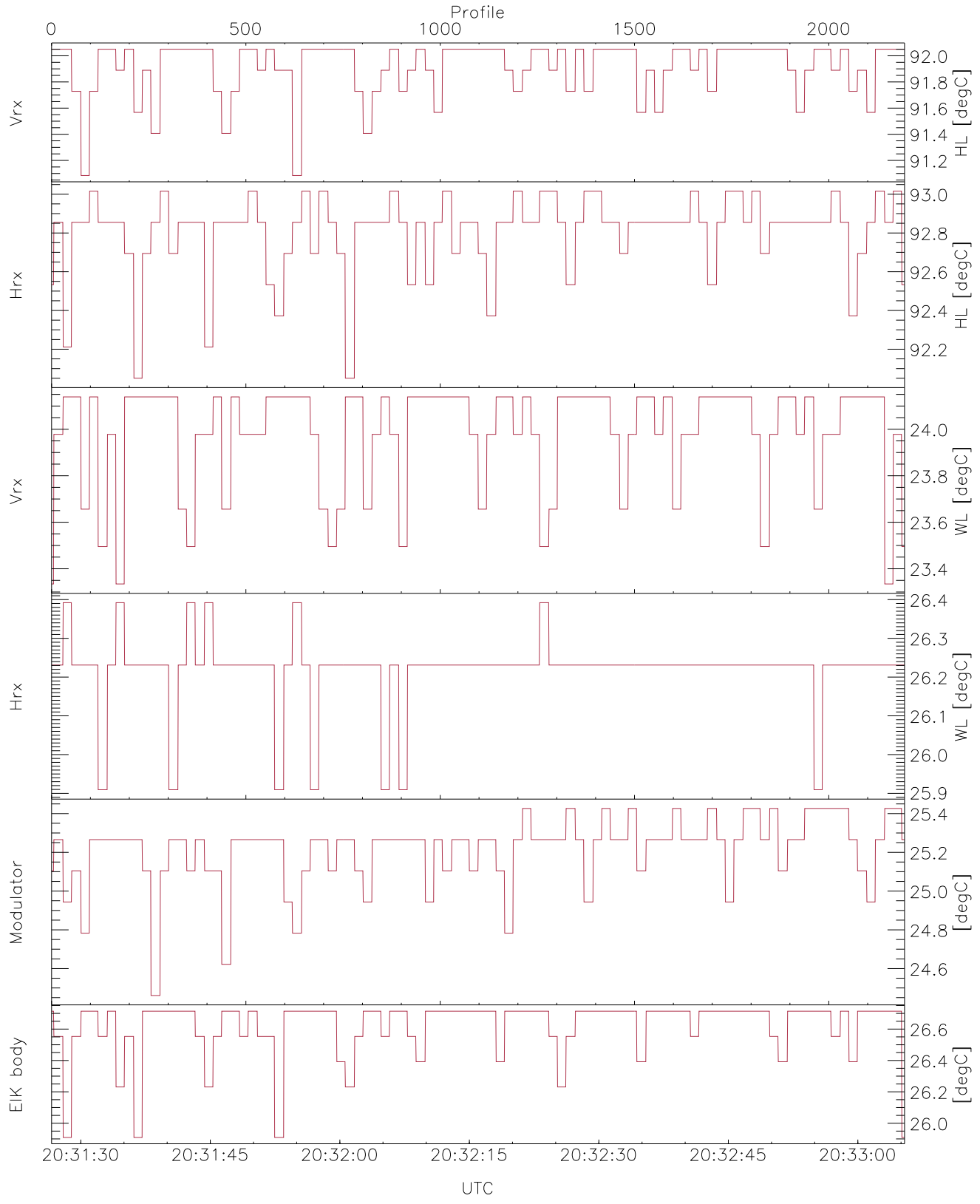


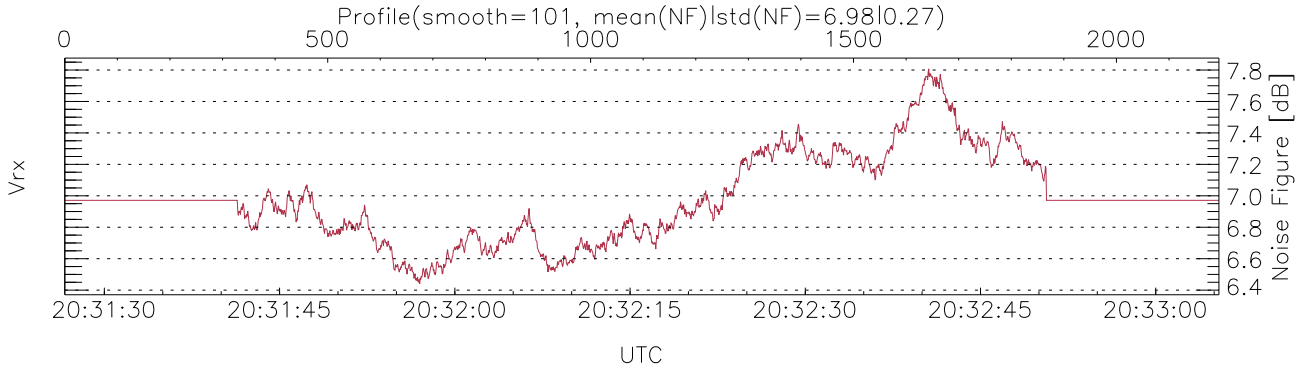
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

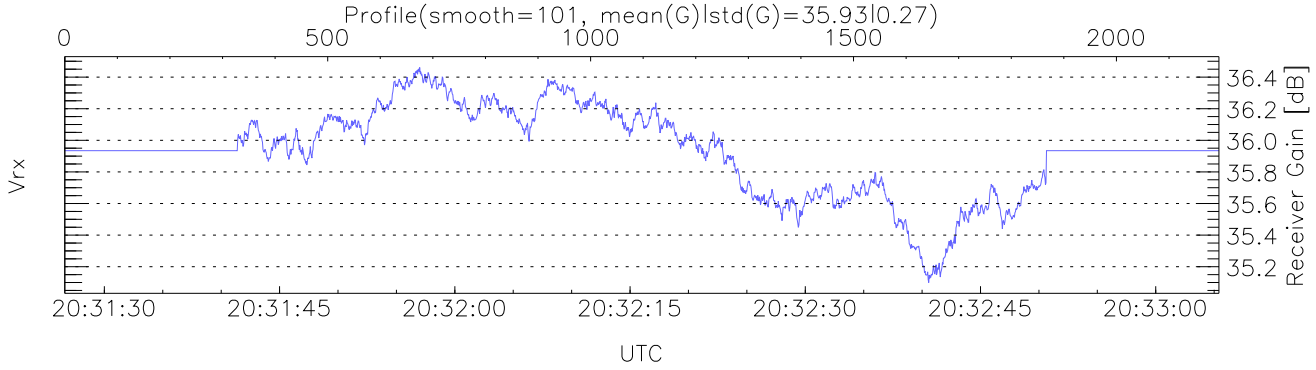
UTC: 20:31:27-20:33:05, TimeCor: 0.00s, Dur: 98.80s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 2196/2196, 0-2195/20:31:27-20:33:05
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

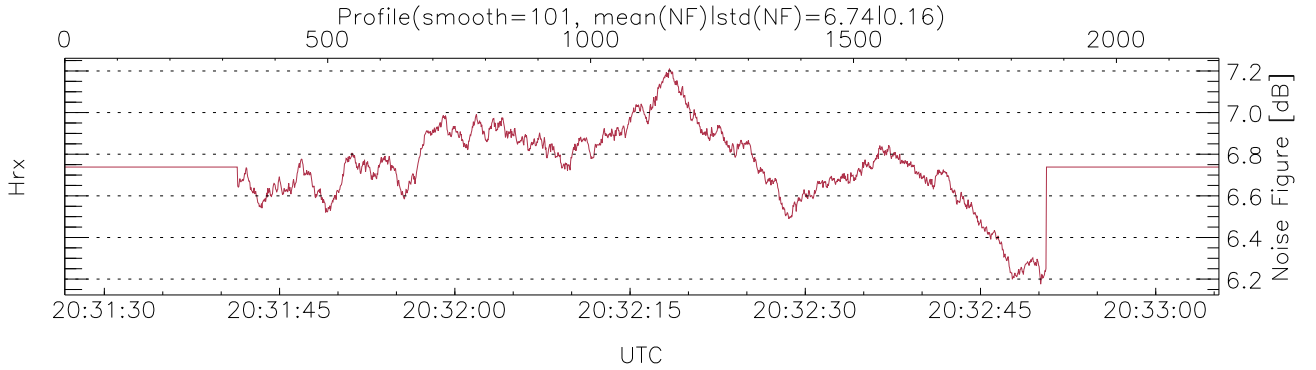


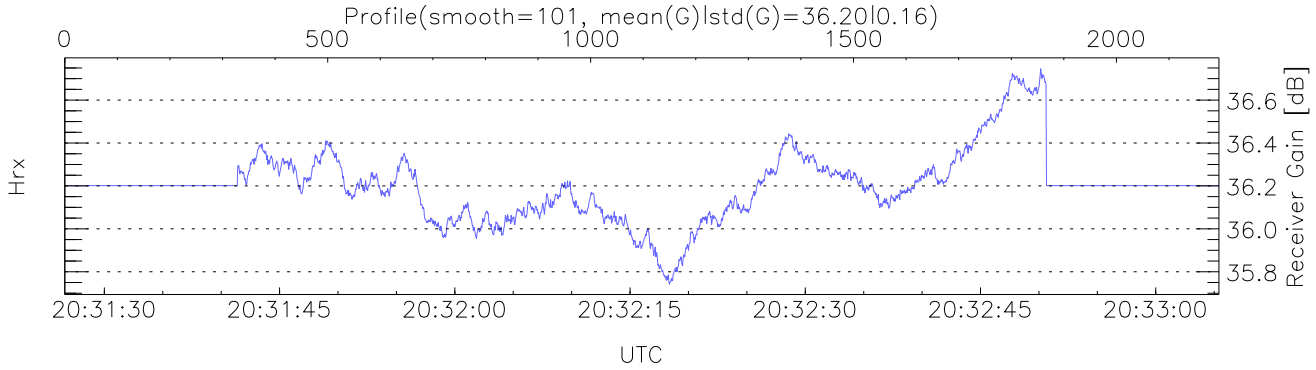
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,25,26
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,46,46,46,24)



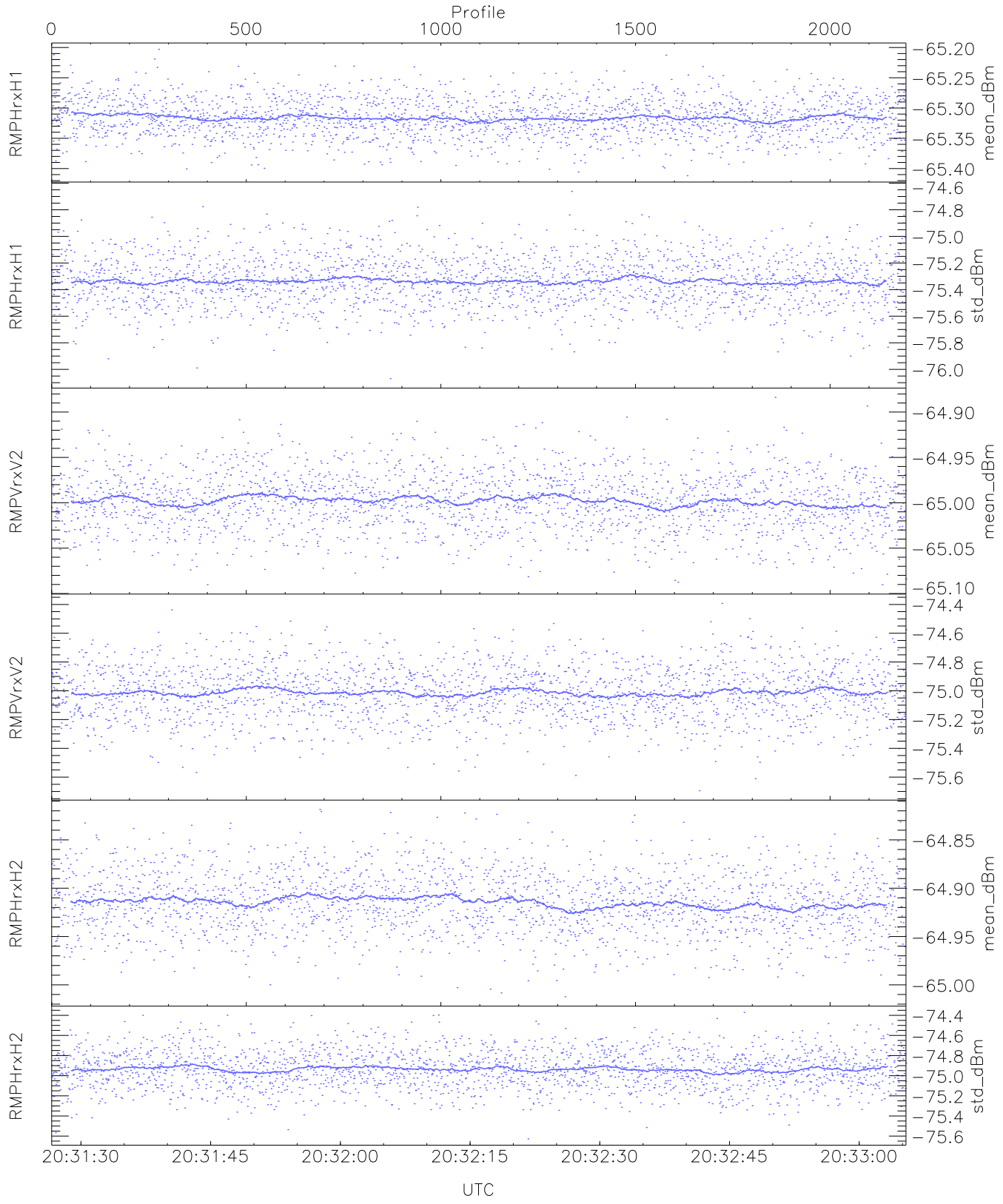






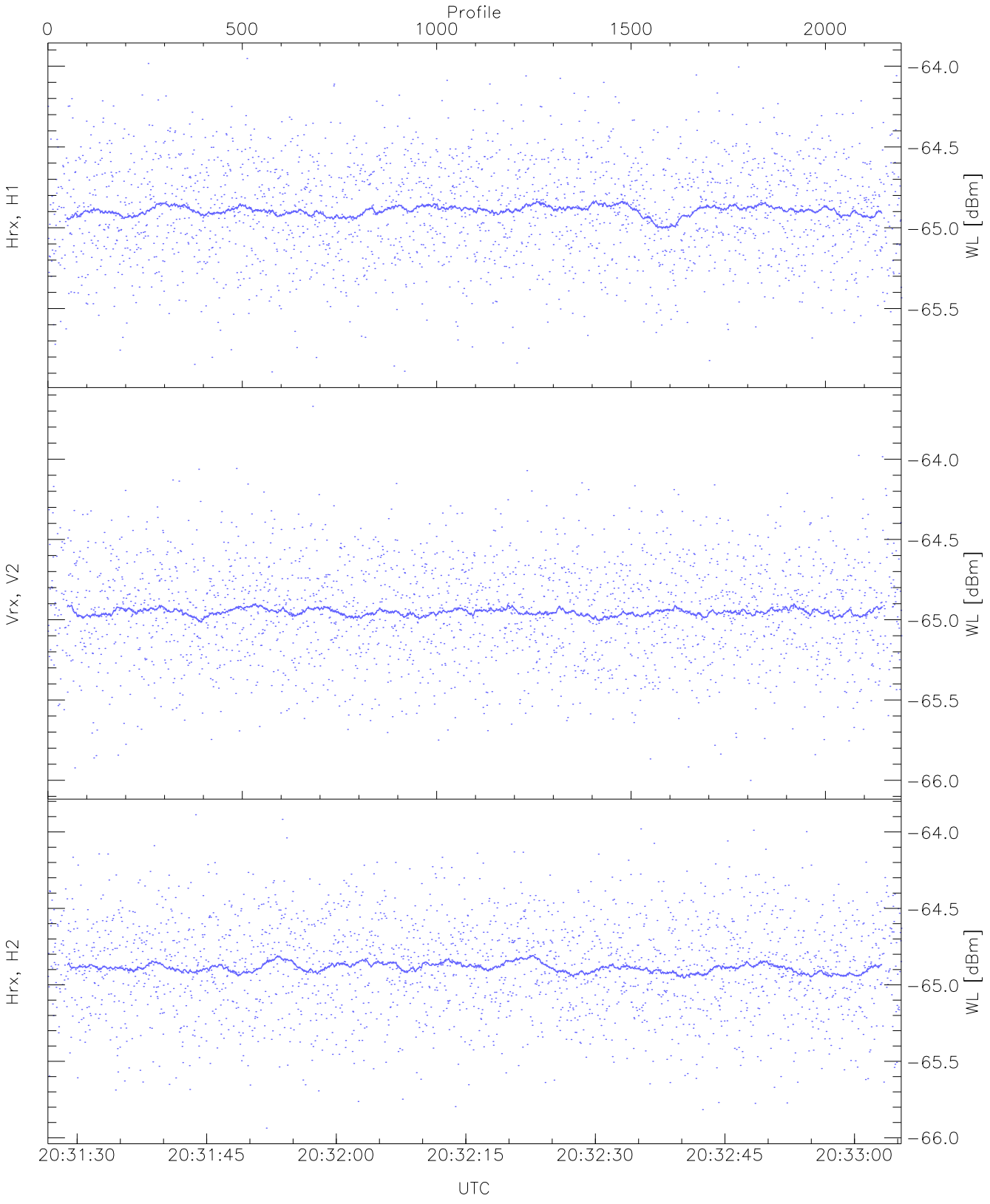
WCR3 CPP Receivers Gain and Noise Figure

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



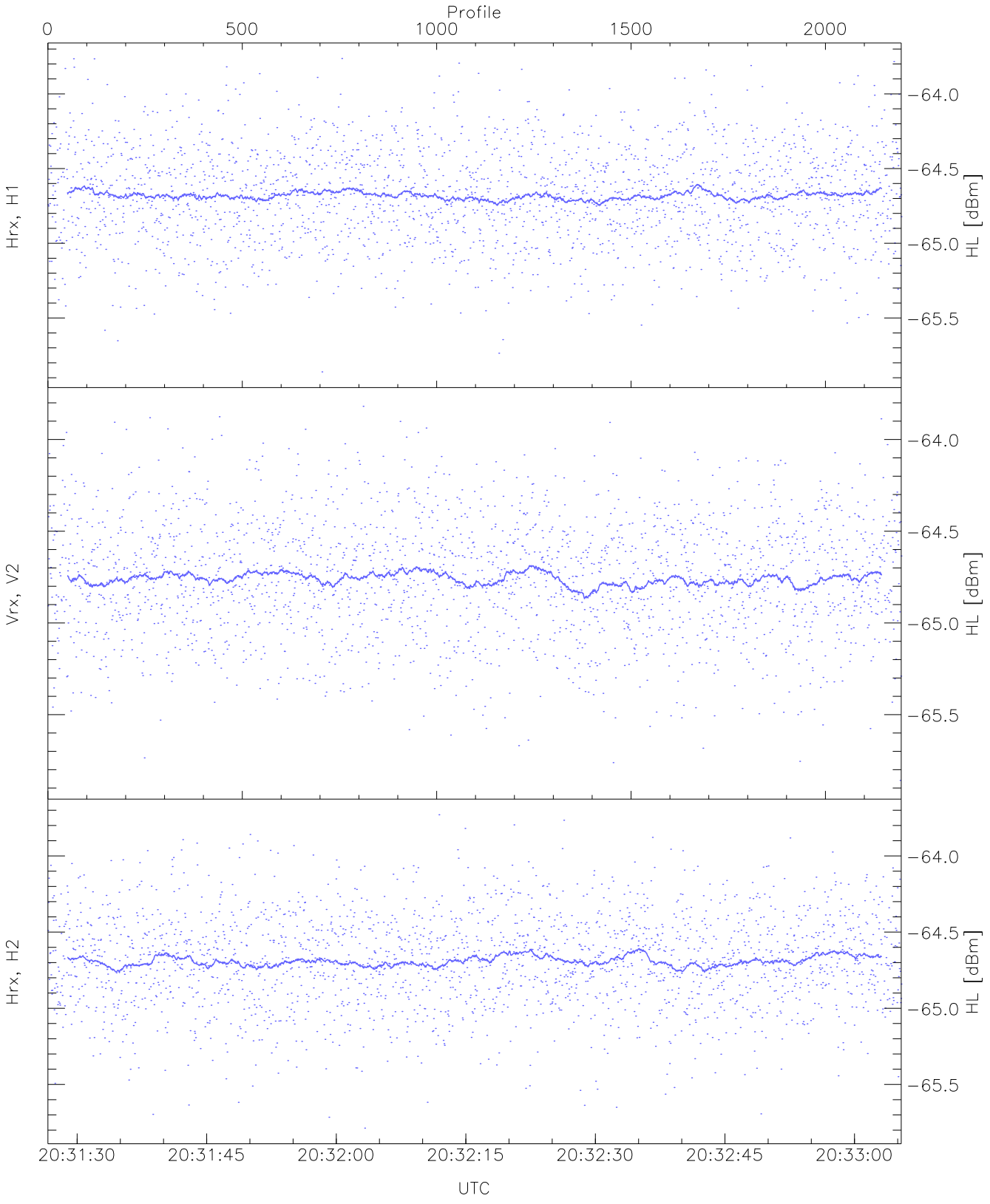
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.20	-65.32	-65.32	-86.92
RMPHrxH1(std_dBm)	-76.07	-74.66	-75.33	-75.34	-89.13
RMPVrxV2(mean_dBm)	-65.09	-64.88	-65.00	-65.00	-86.55
RMPVrxV2(std_dBm)	-75.69	-74.39	-75.01	-75.01	-88.90
RMPHrxH2(mean_dBm)	-65.01	-64.82	-64.91	-64.92	-86.50
RMPHrxH2(std_dBm)	-75.63	-74.37	-74.93	-74.94	-88.77



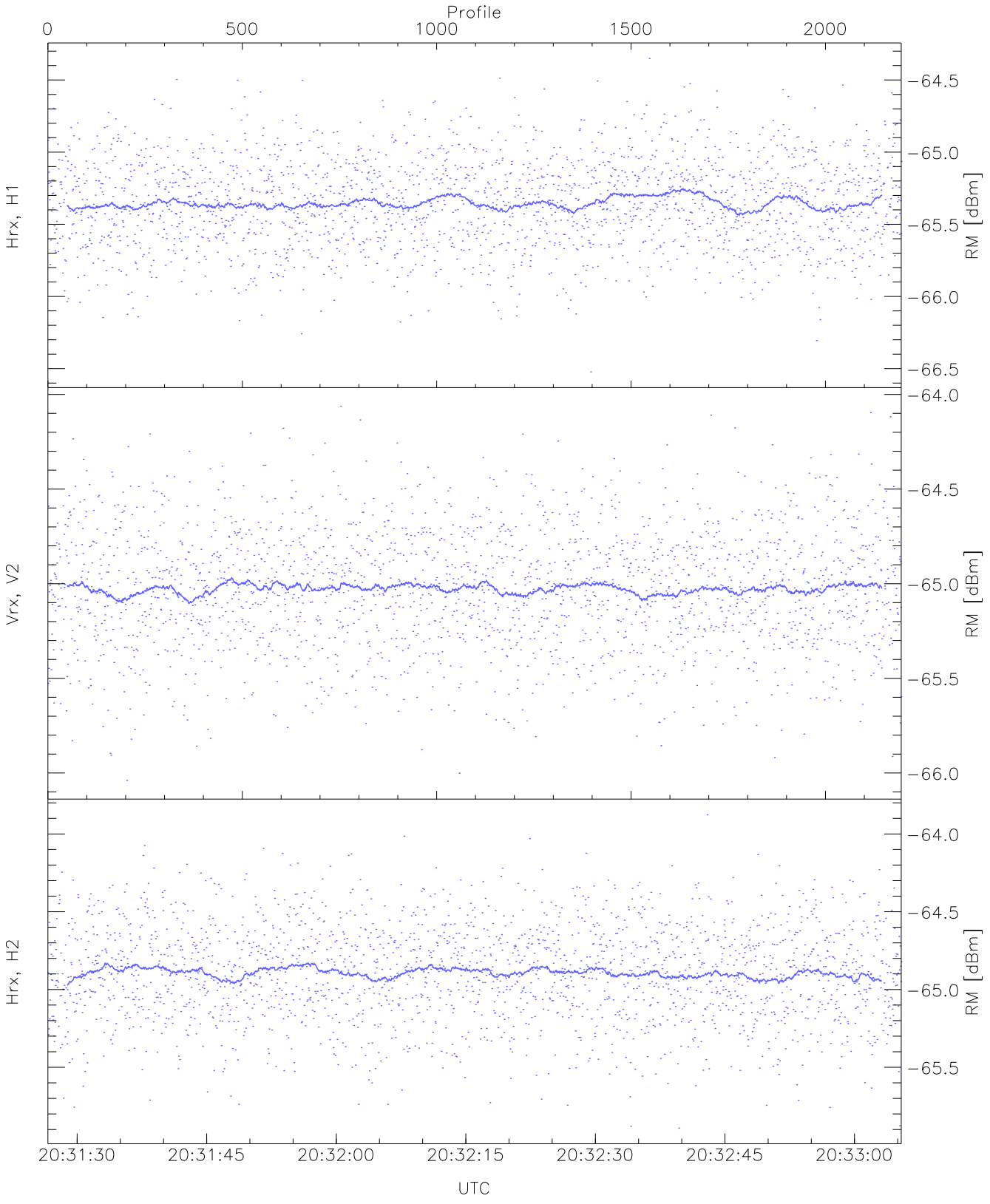
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.89	-63.95	-64.89	-64.88	-76.39
Vrx, V2(WL [dBm])	-66.00	-63.67	-64.94	-64.94	-76.37
Hrx, H2(WL [dBm])	-65.94	-63.89	-64.88	-64.88	-76.34



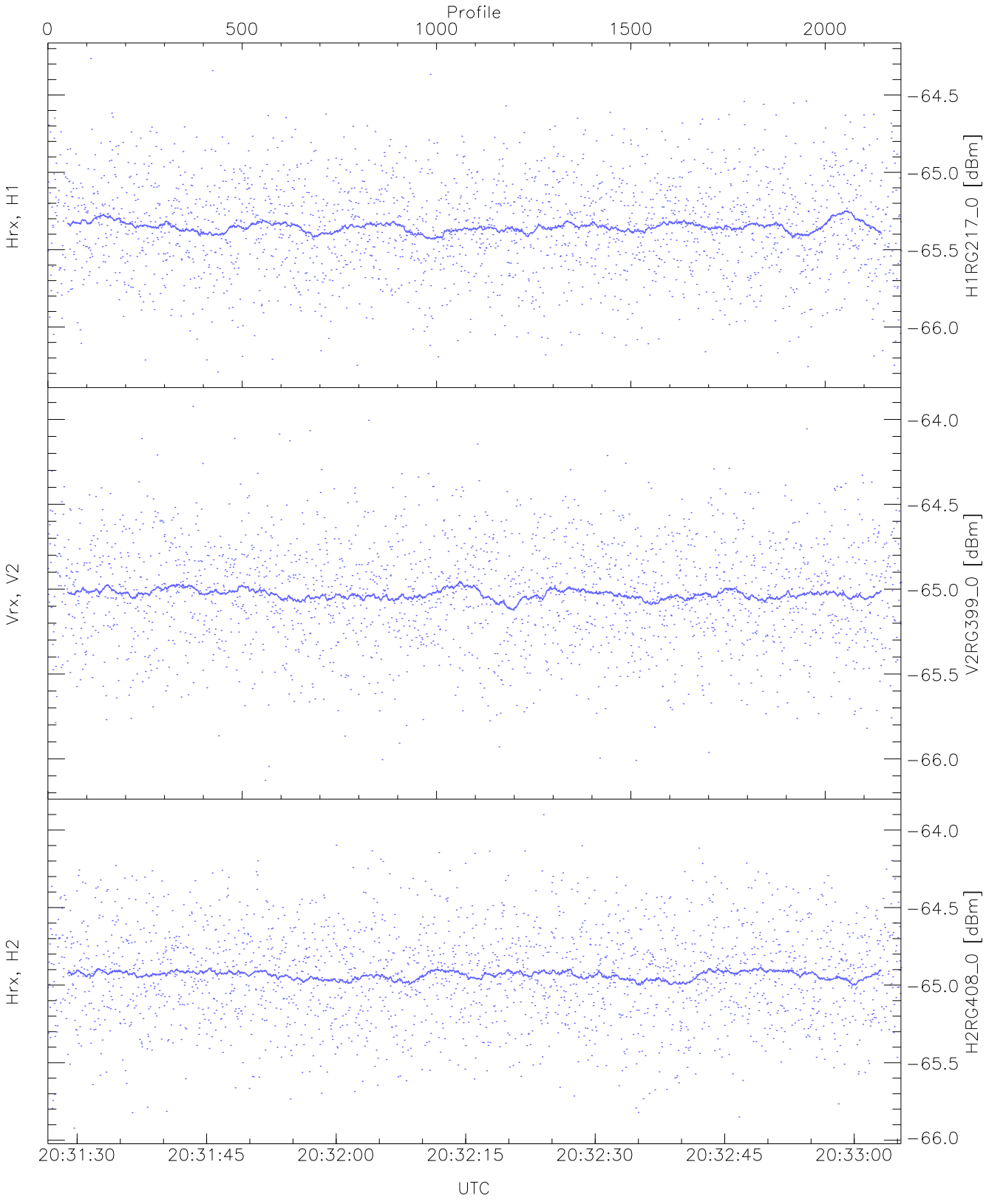
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.86	-63.76	-64.67	-64.68	-76.09
Vrx, V2(HL [dBm])	-65.86	-63.82	-64.75	-64.76	-76.19
Hrx, H2(HL [dBm])	-65.79	-63.73	-64.68	-64.69	-76.27



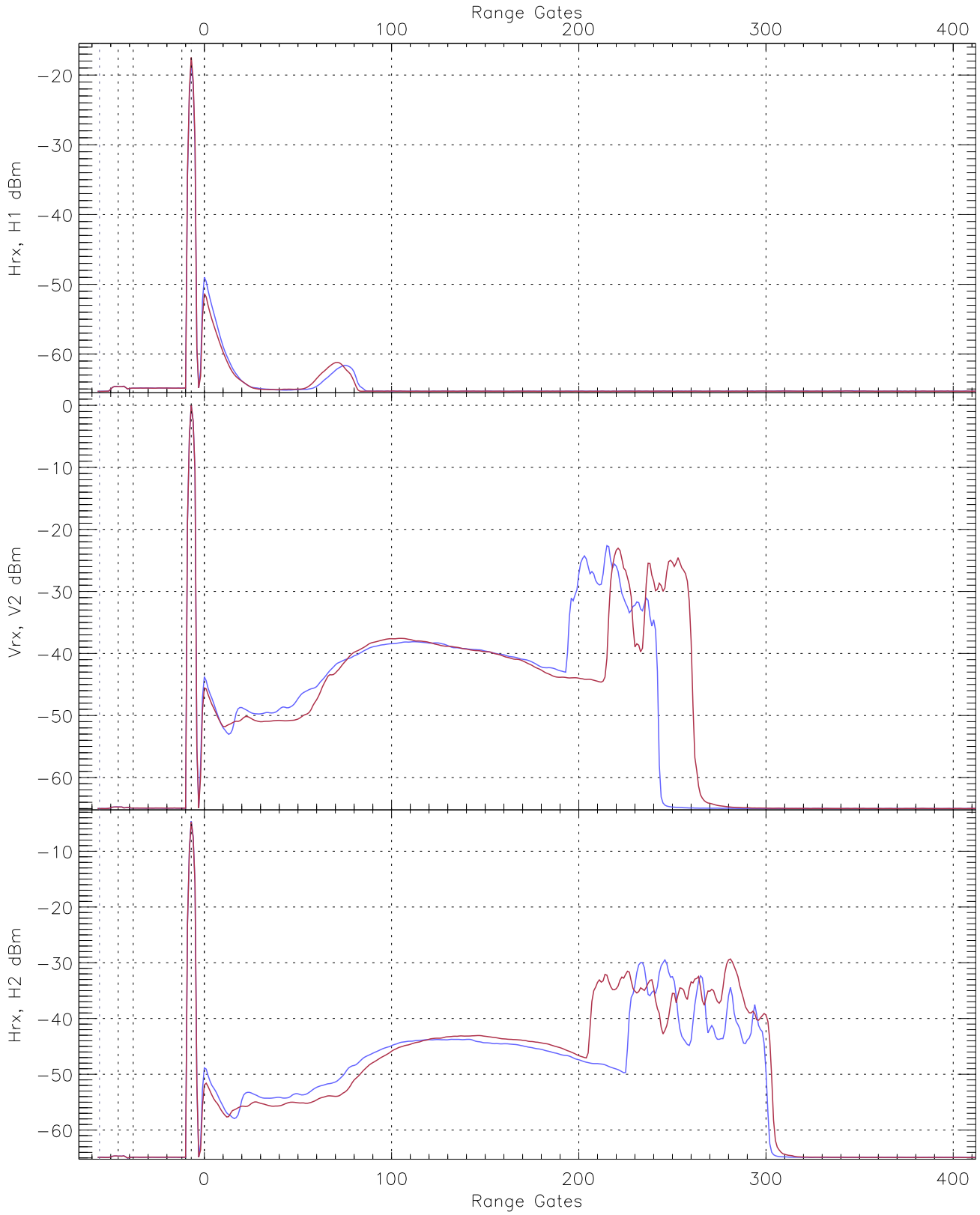
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.52	-64.35	-65.34	-65.36	-76.97
Vrx, V2(RM [dBm])	-66.04	-64.06	-65.02	-65.03	-76.56
Hrx, H2(RM [dBm])	-65.89	-63.88	-64.89	-64.90	-76.52

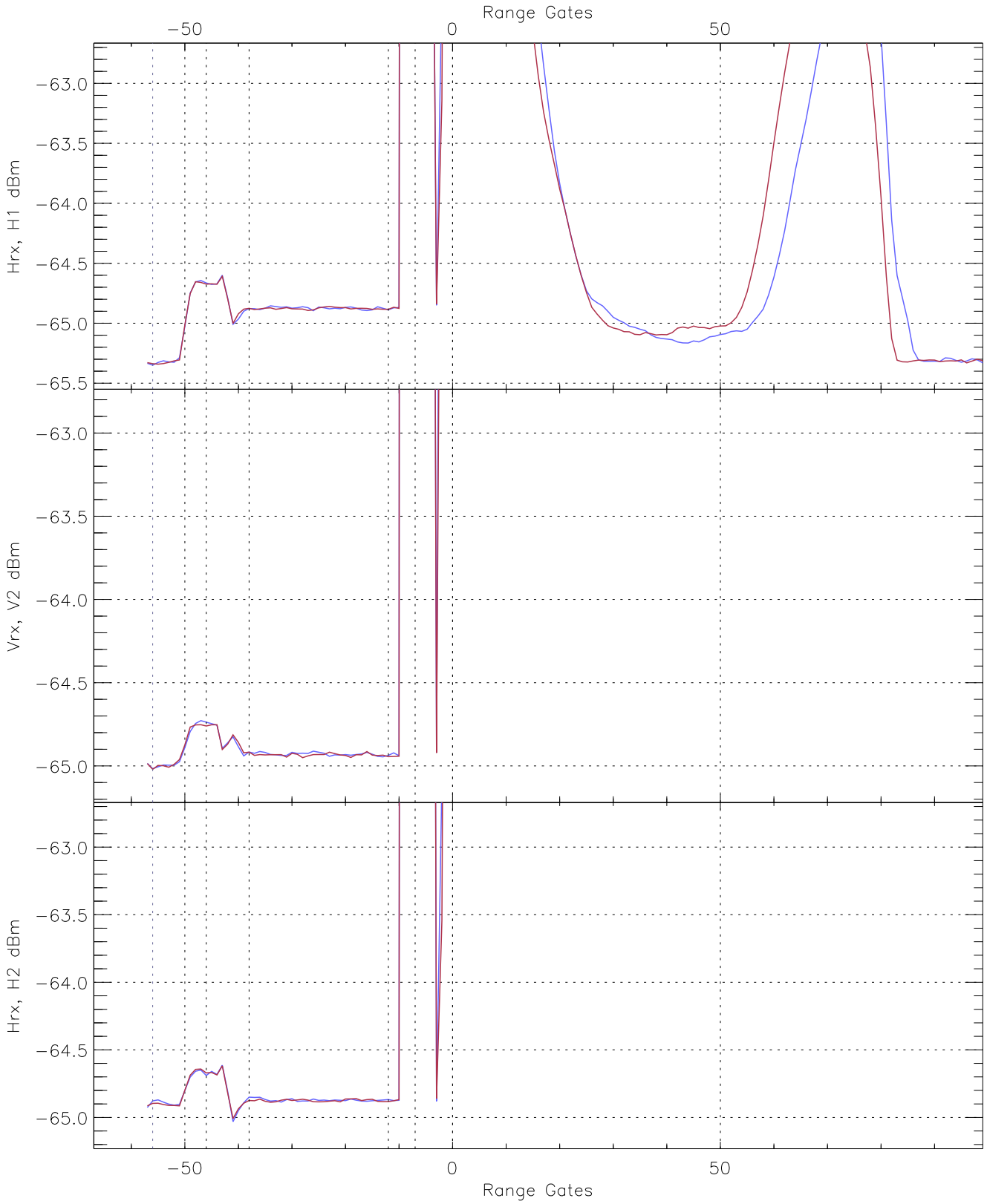


WCR3 CPP "Best" estimate Receivers Noise Power

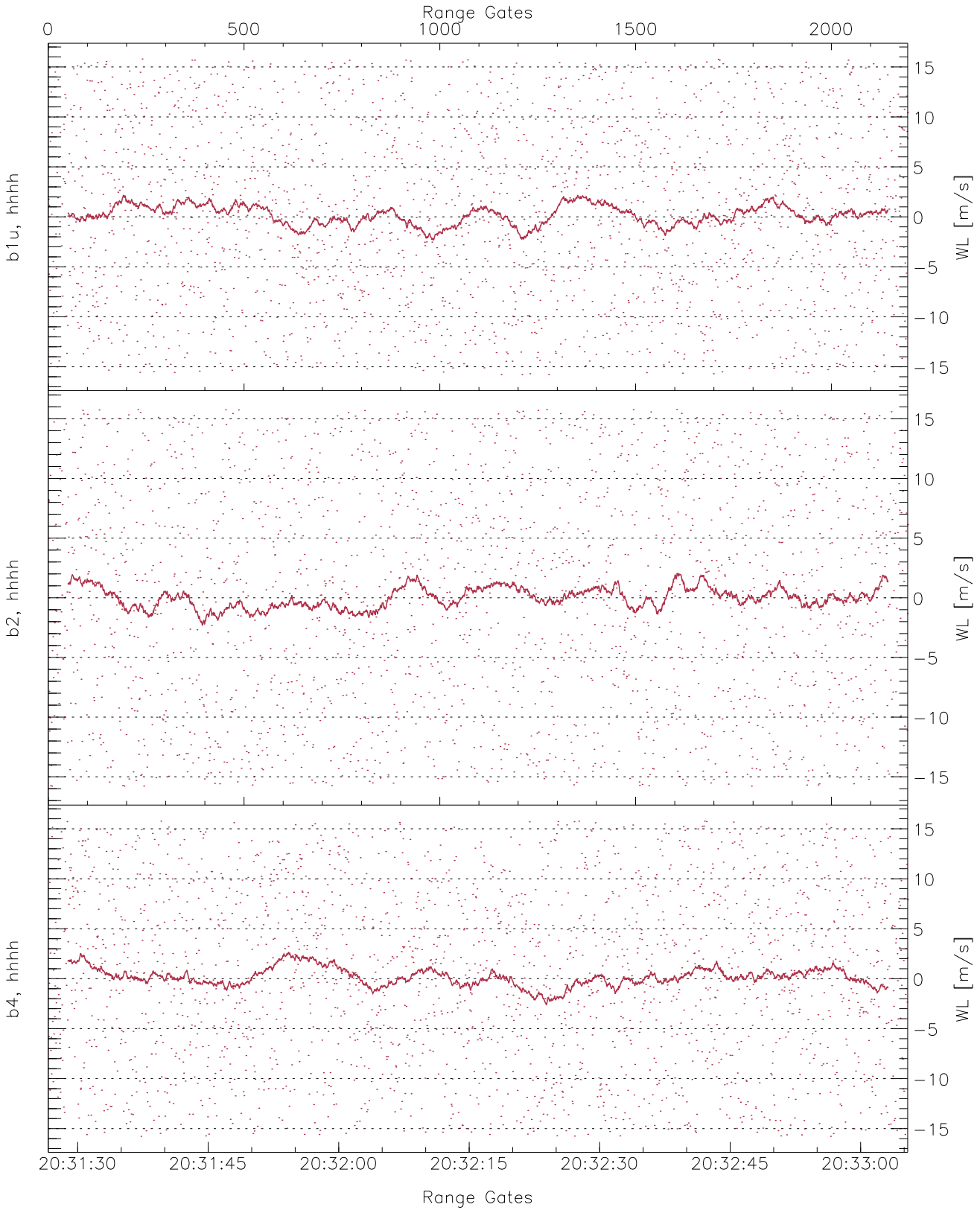
	Min	Max	Mean	Median	StDev
H1RG217_0 [dBm]	-66.29	-64.26	-65.34	-65.35	-76.85
V2RG399_0 [dBm]	-66.13	-63.92	-65.02	-65.02	-76.54
H2RG408_0 [dBm]	-65.92	-63.90	-64.93	-64.93	-76.48



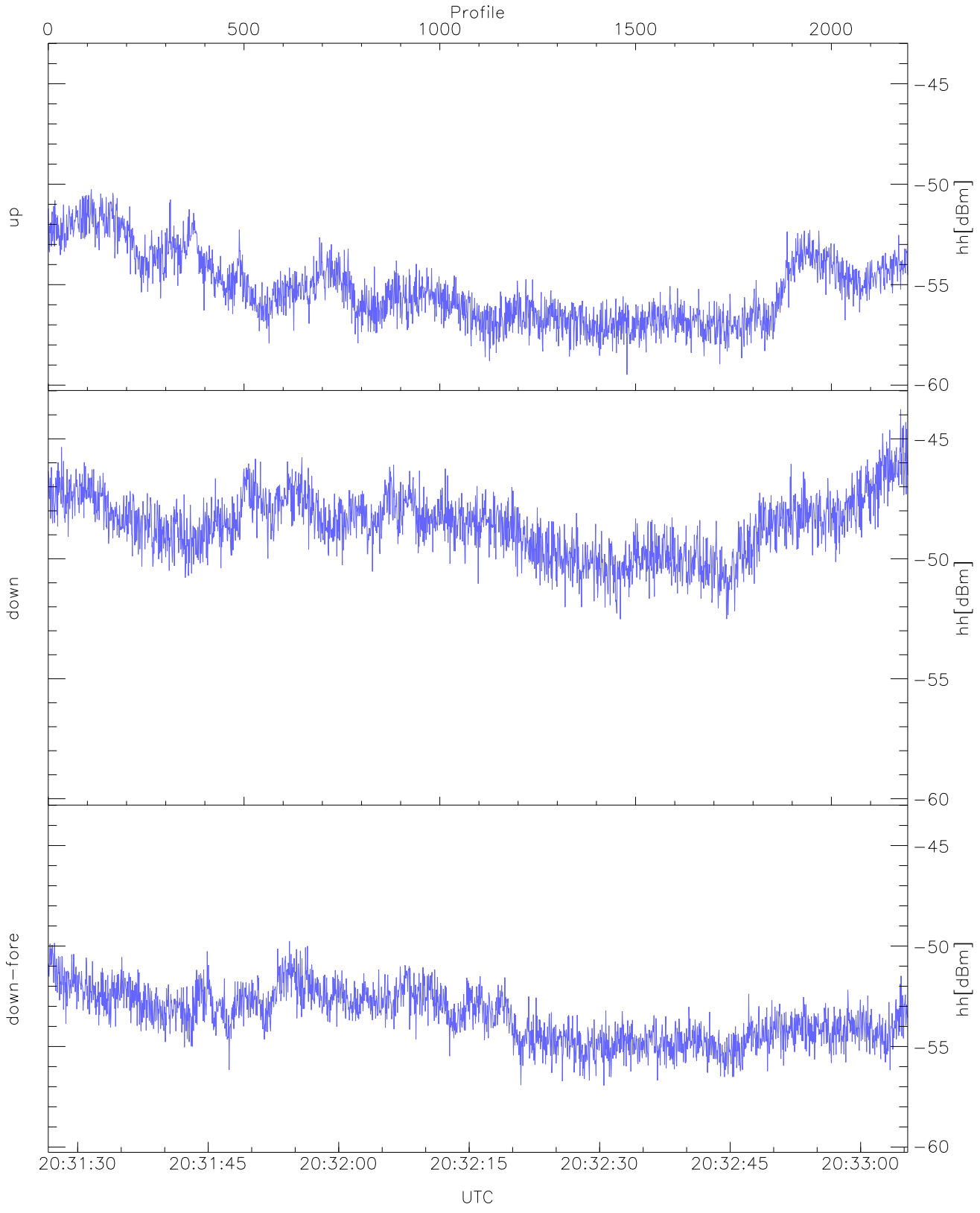
WCR3 CPP Averaged Received power for all recorded gates
blue: 203127-203216, 1099 profiles averaged
red: 203216-203305, 1098 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 203127-203216, 1099 profiles averaged
red: 203216-203305, 1098 profiles averaged

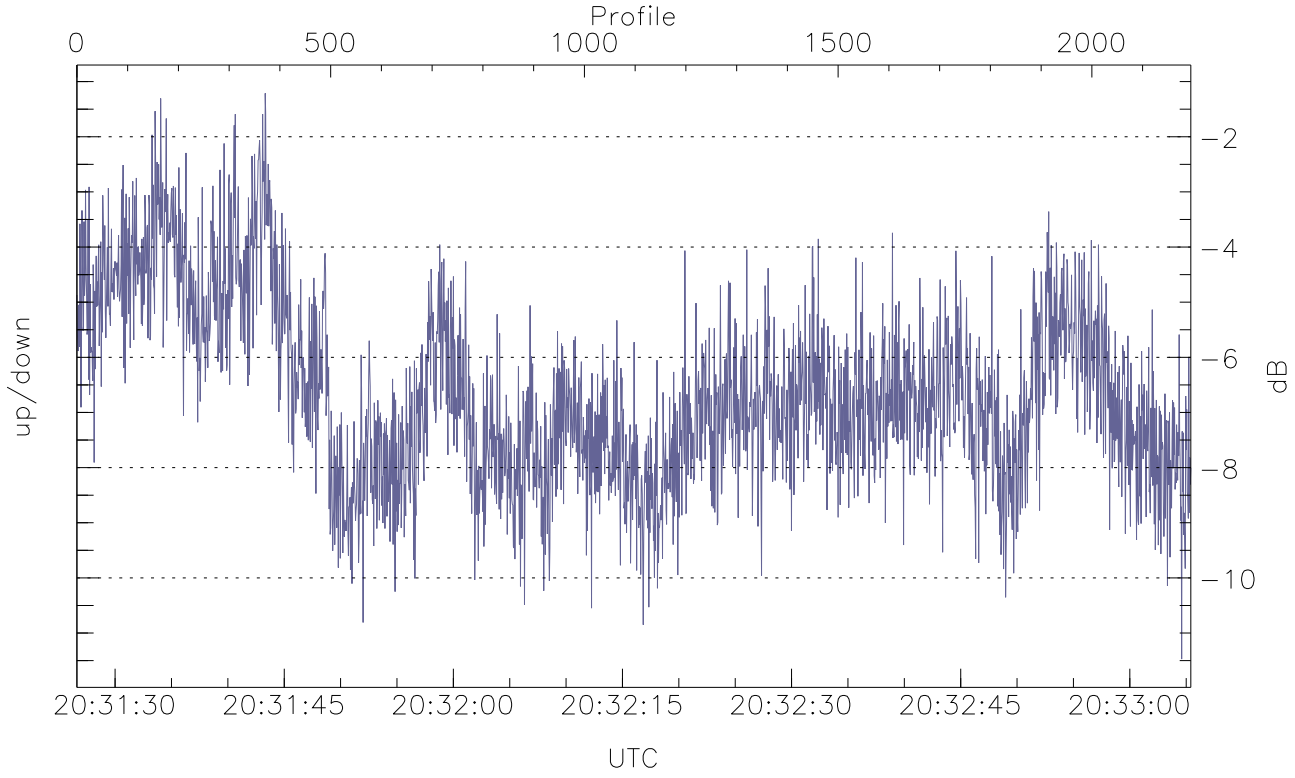


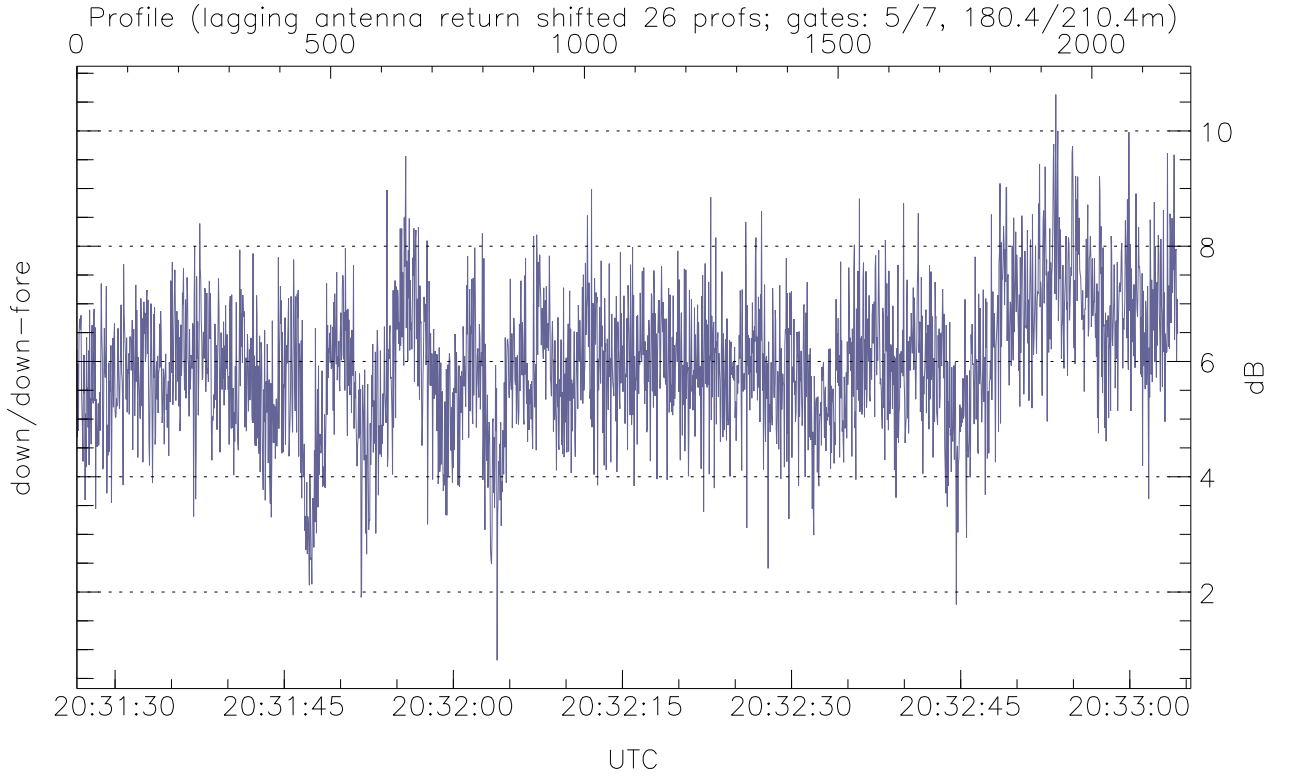
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

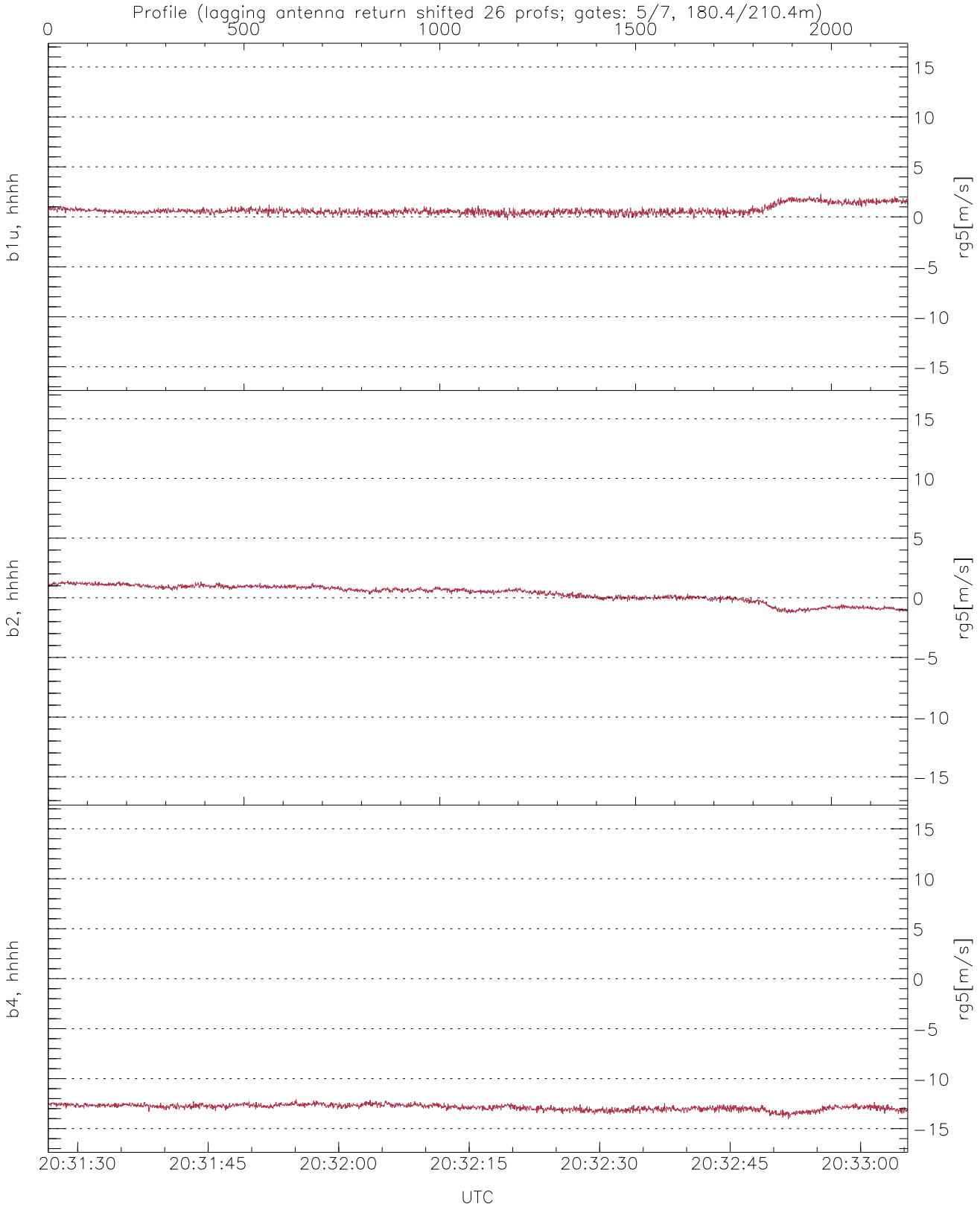
	Min	Max	Mean
up(hh[dBm])	-59.48	-50.26	-54.85
down(hh[dBm])	-52.52	-43.77	-48.41
down-fore(hh[dBm])	-56.94	-49.75	-53.32





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

	Min	Max	Mean
up/down(dB)	-11.47	-1.21	-6.63
down/down-fore(dB)	0.82	10.63	5.97



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.31	2.28	0.69	0.43
b2, hhhh(rg5[m/s])	-1.30	1.41	0.34	0.69
b4, hhhh(rg5[m/s])	-14.05	-12.07	-12.87	0.28