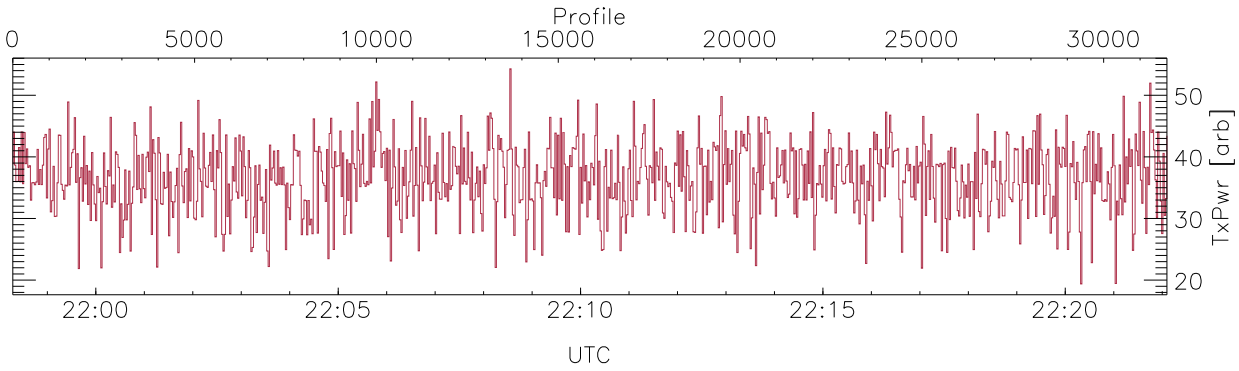
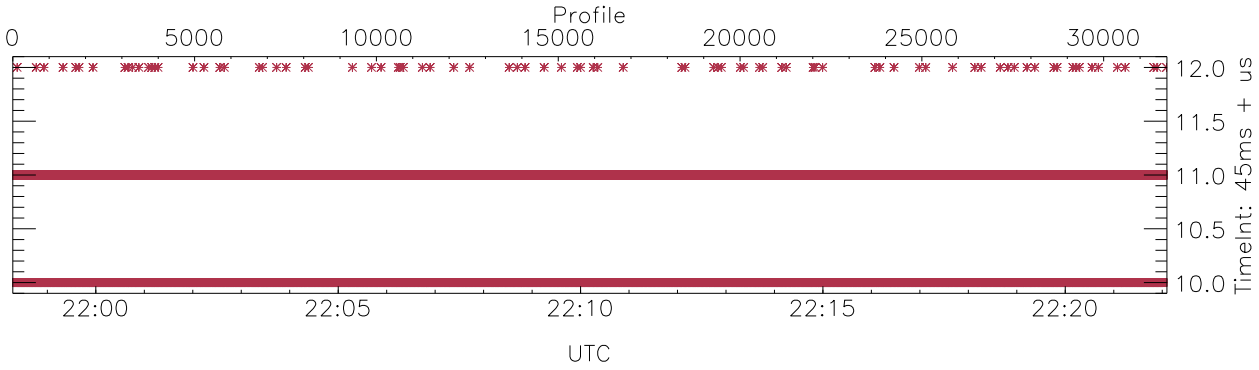
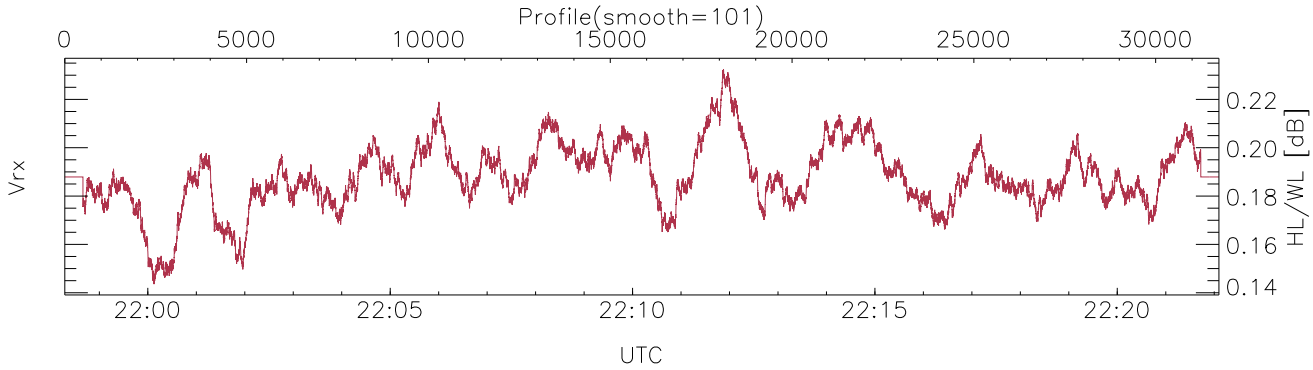
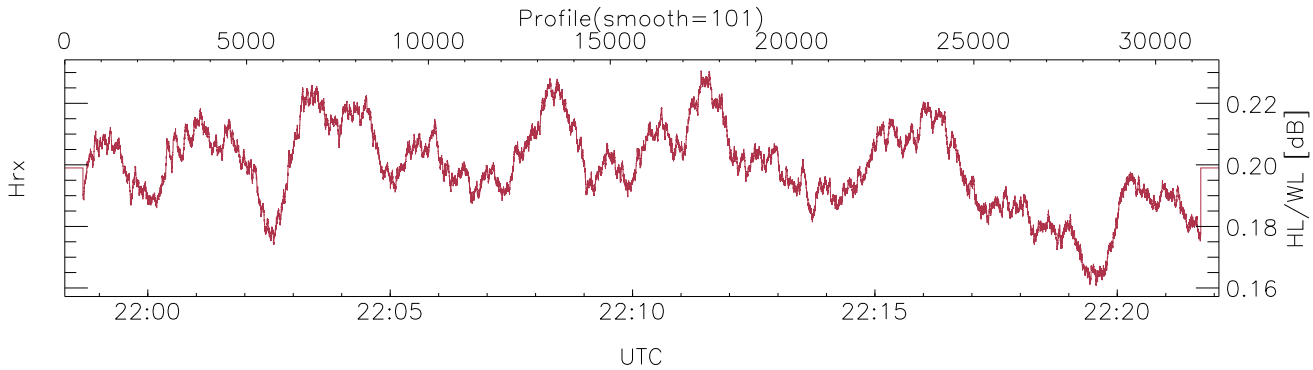


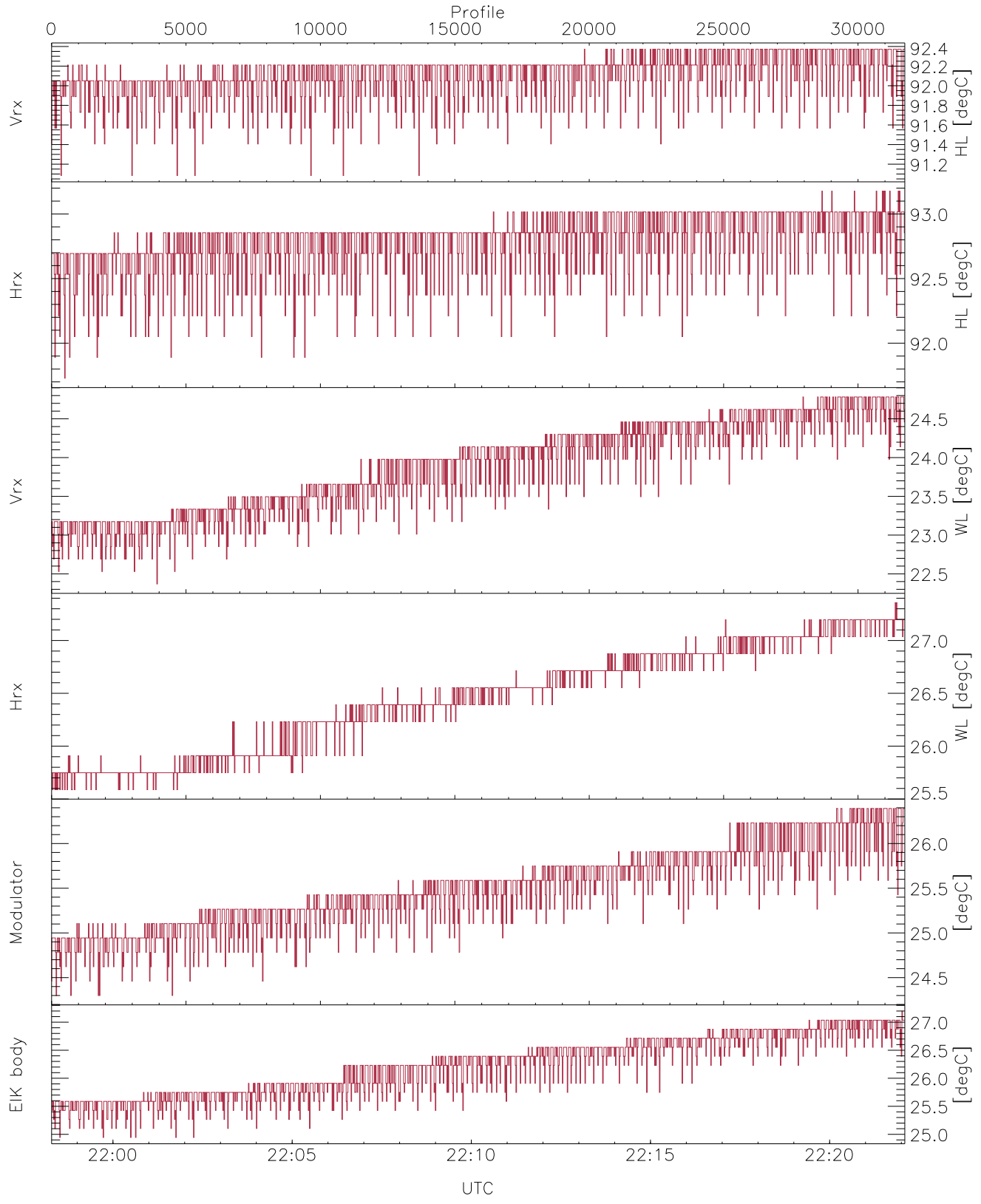






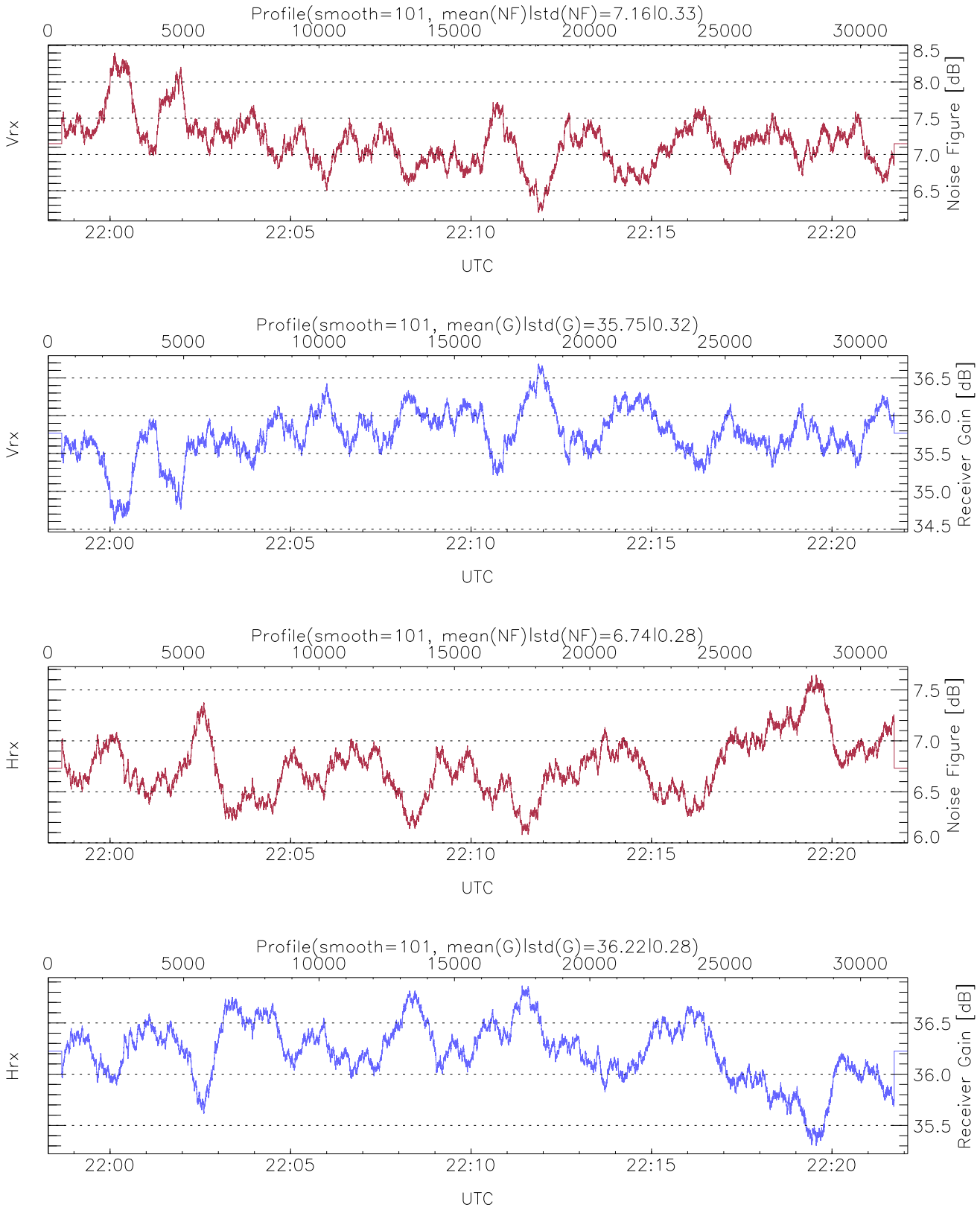
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:58:17-22:22:06, 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, 0-31740/21:58:17-22:22:06
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



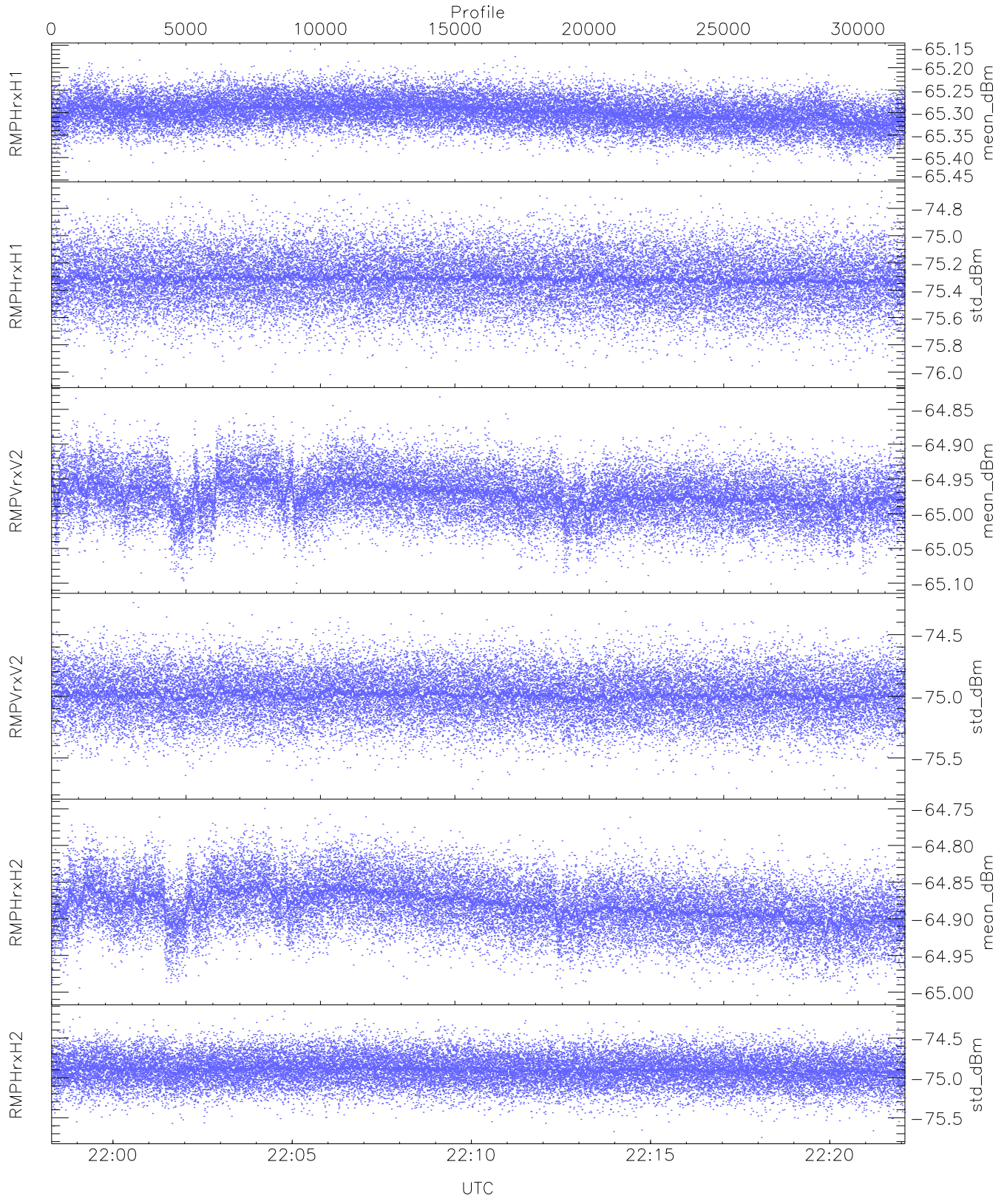
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,22,25,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,136,0
EIK/Modulator Faults: None



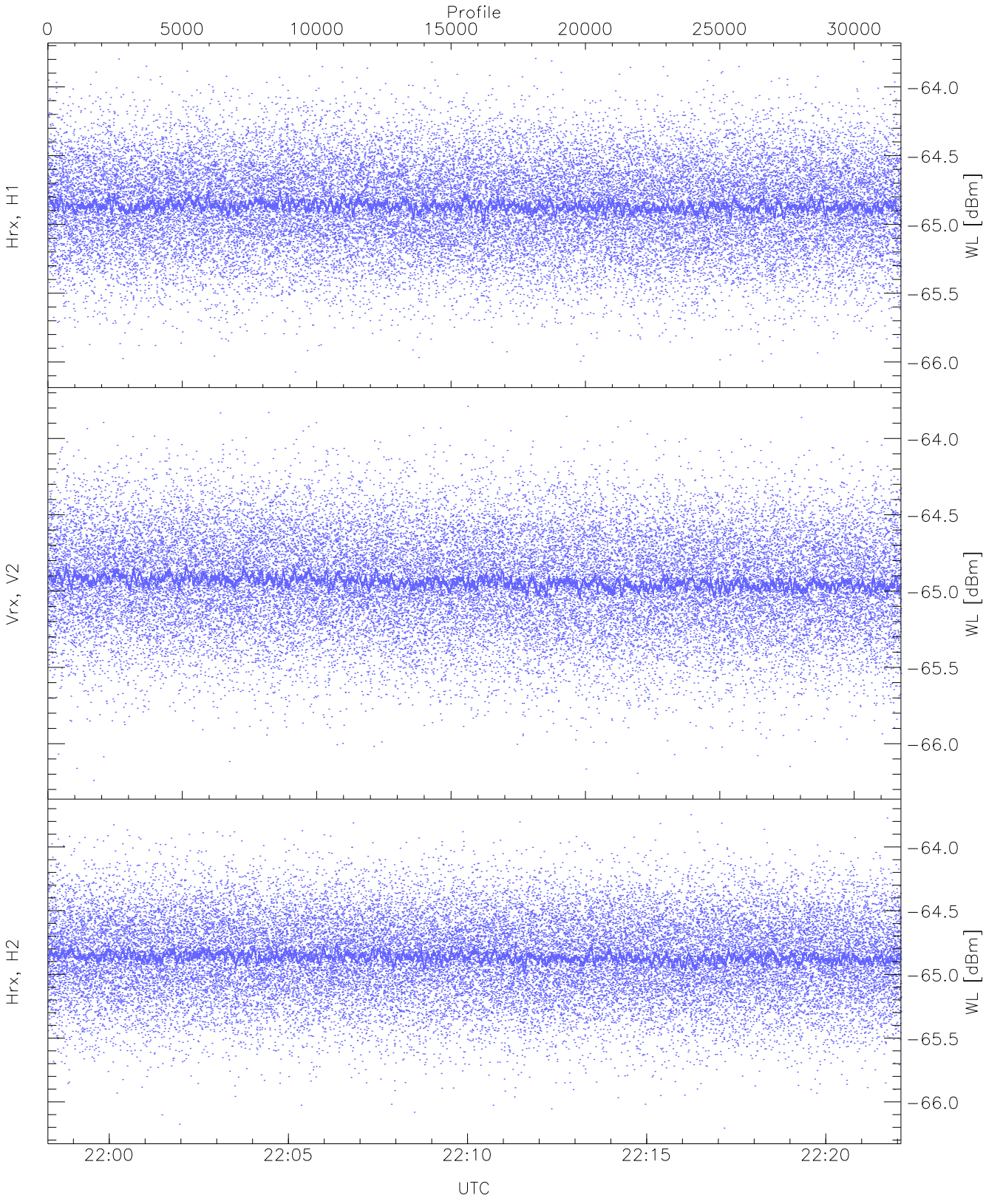
WCR3 CPP Receivers Gain and Noise Figure

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



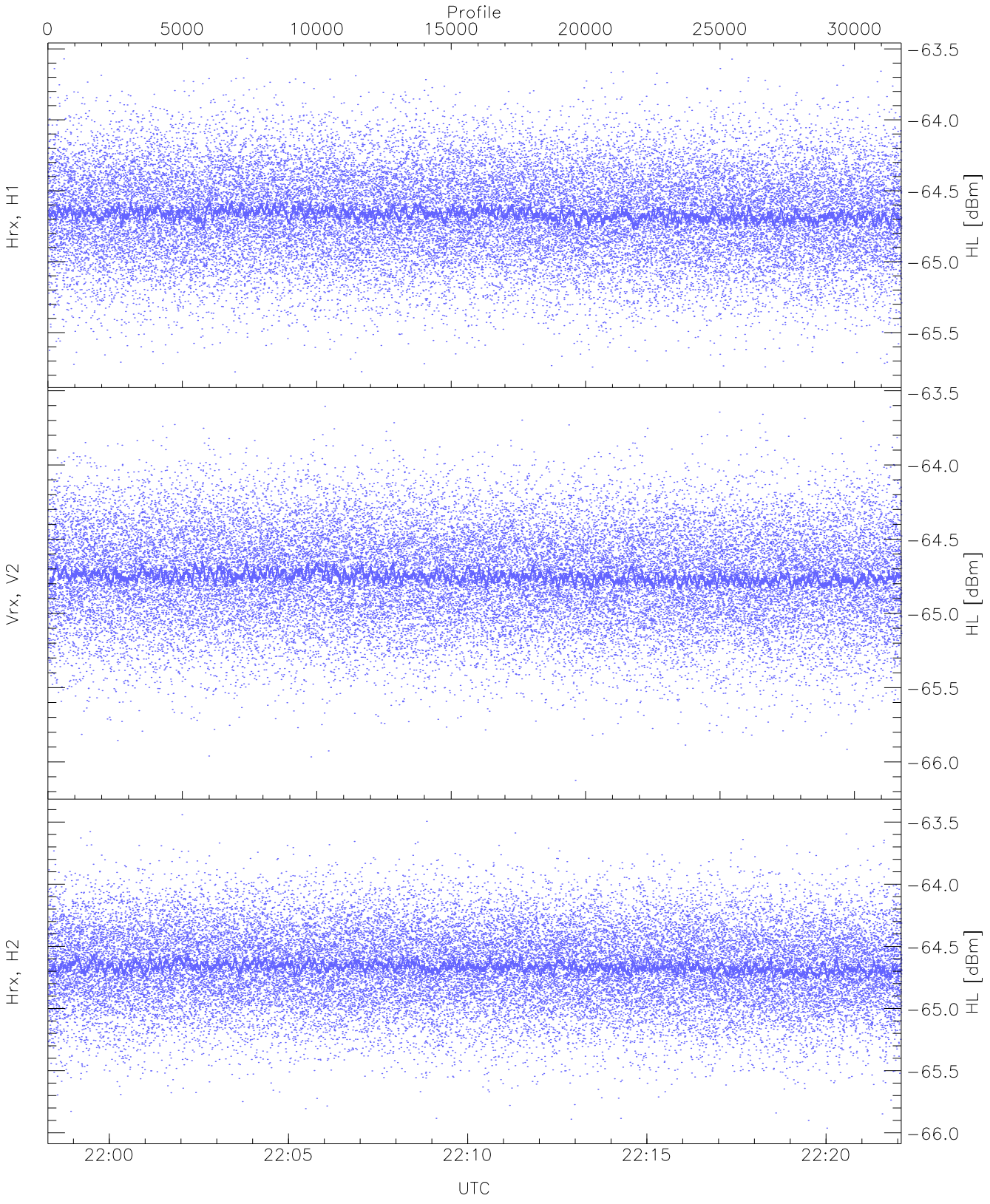
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.16	-65.30	-65.30	-86.58
RMPHrxH1(std_dBm)	-76.05	-74.67	-75.31	-75.32	-89.13
RMPVrxV2(mean_dBm)	-65.10	-64.83	-64.97	-64.97	-86.19
RMPVrxV2(std_dBm)	-75.76	-74.24	-74.99	-74.99	-88.78
RMPHrxH2(mean_dBm)	-65.00	-64.75	-64.88	-64.88	-85.96
RMPHrxH2(std_dBm)	-75.75	-74.16	-74.90	-74.90	-88.67



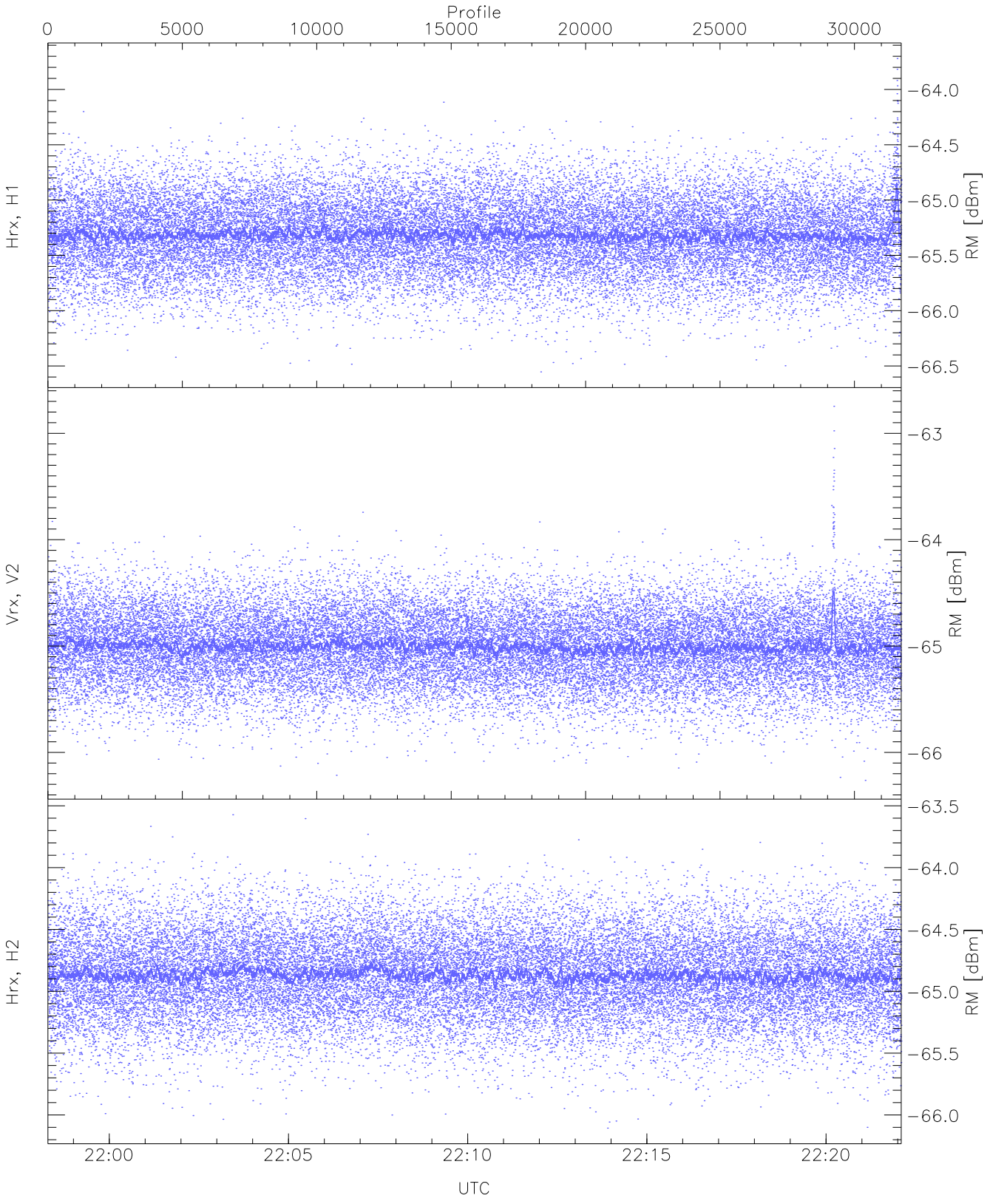
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.07	-63.79	-64.86	-64.86	-76.37
Vrx, V2(WL [dBm])	-66.24	-63.79	-64.93	-64.94	-76.43
Hrx, H2(WL [dBm])	-66.21	-63.75	-64.86	-64.86	-76.35



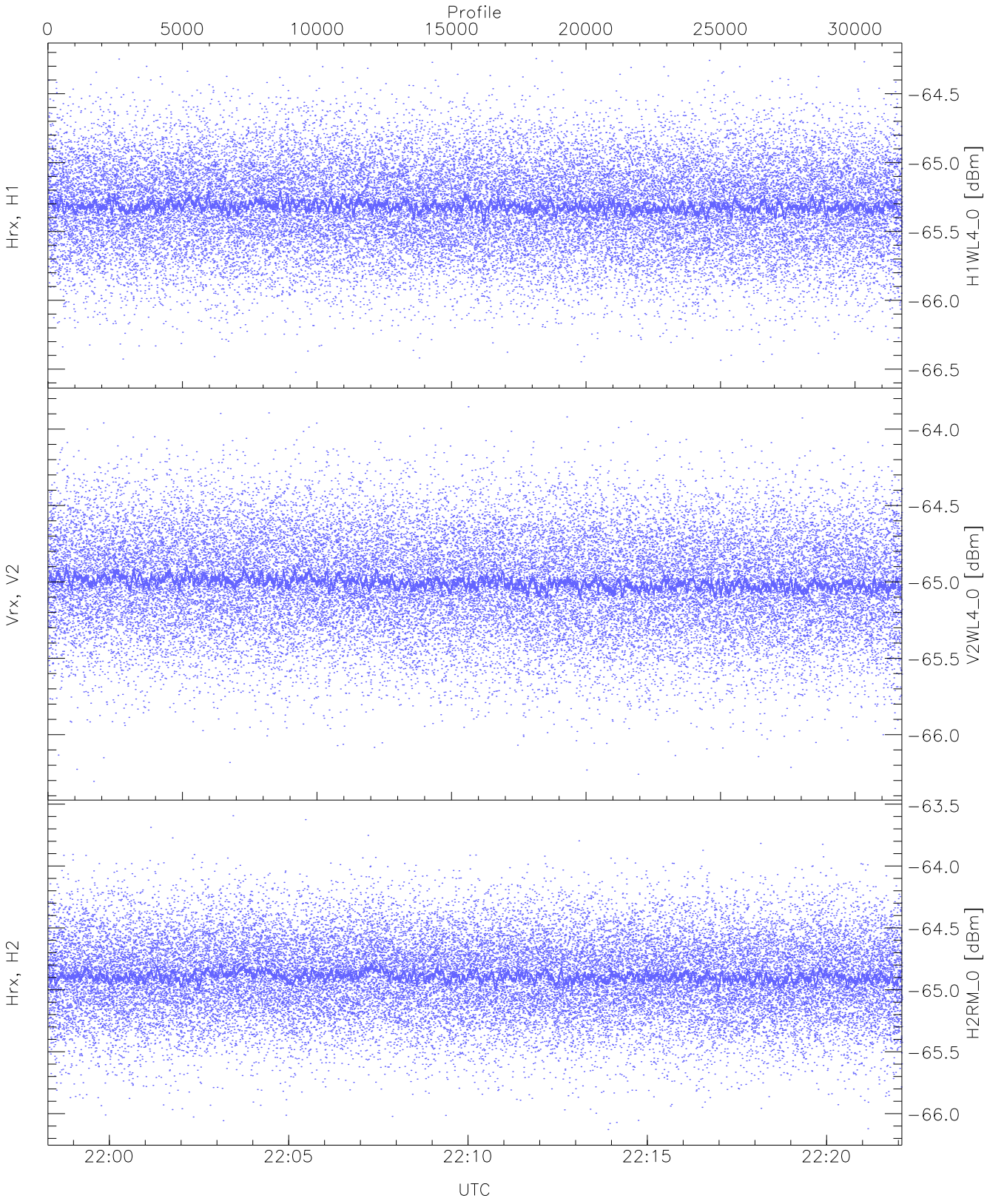
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.78	-63.57	-64.66	-64.67	-76.18
Vrx, V2(HL [dBm])	-66.12	-63.60	-64.74	-64.75	-76.23
Hrx, H2(HL [dBm])	-65.96	-63.44	-64.66	-64.67	-76.16



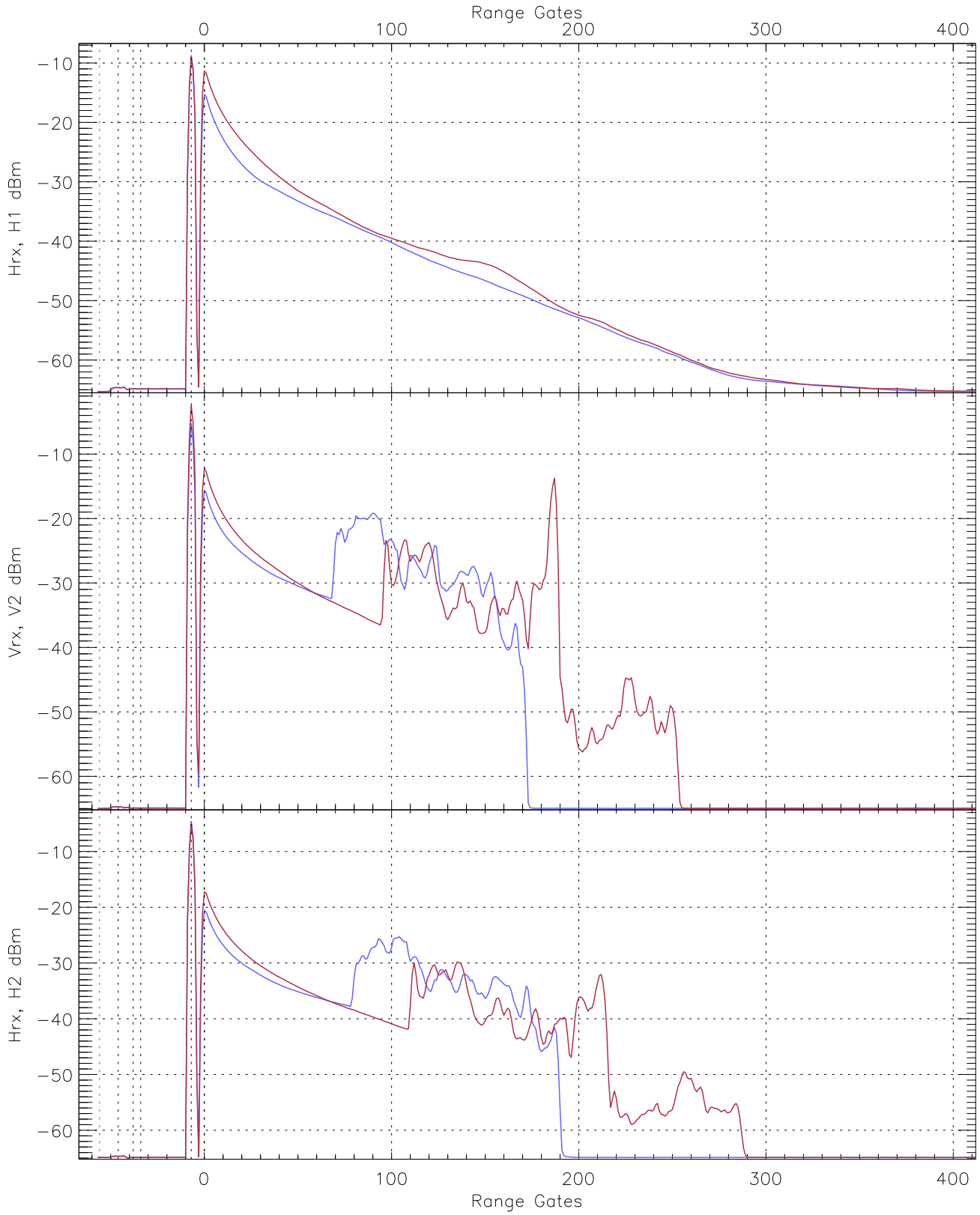
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.55	-63.72	-65.31	-65.32	-76.80
Vrx, V2(RM [dBm])	-66.26	-62.75	-65.00	-65.00	-76.41
Hrx, H2(RM [dBm])	-66.11	-63.57	-64.86	-64.87	-76.34

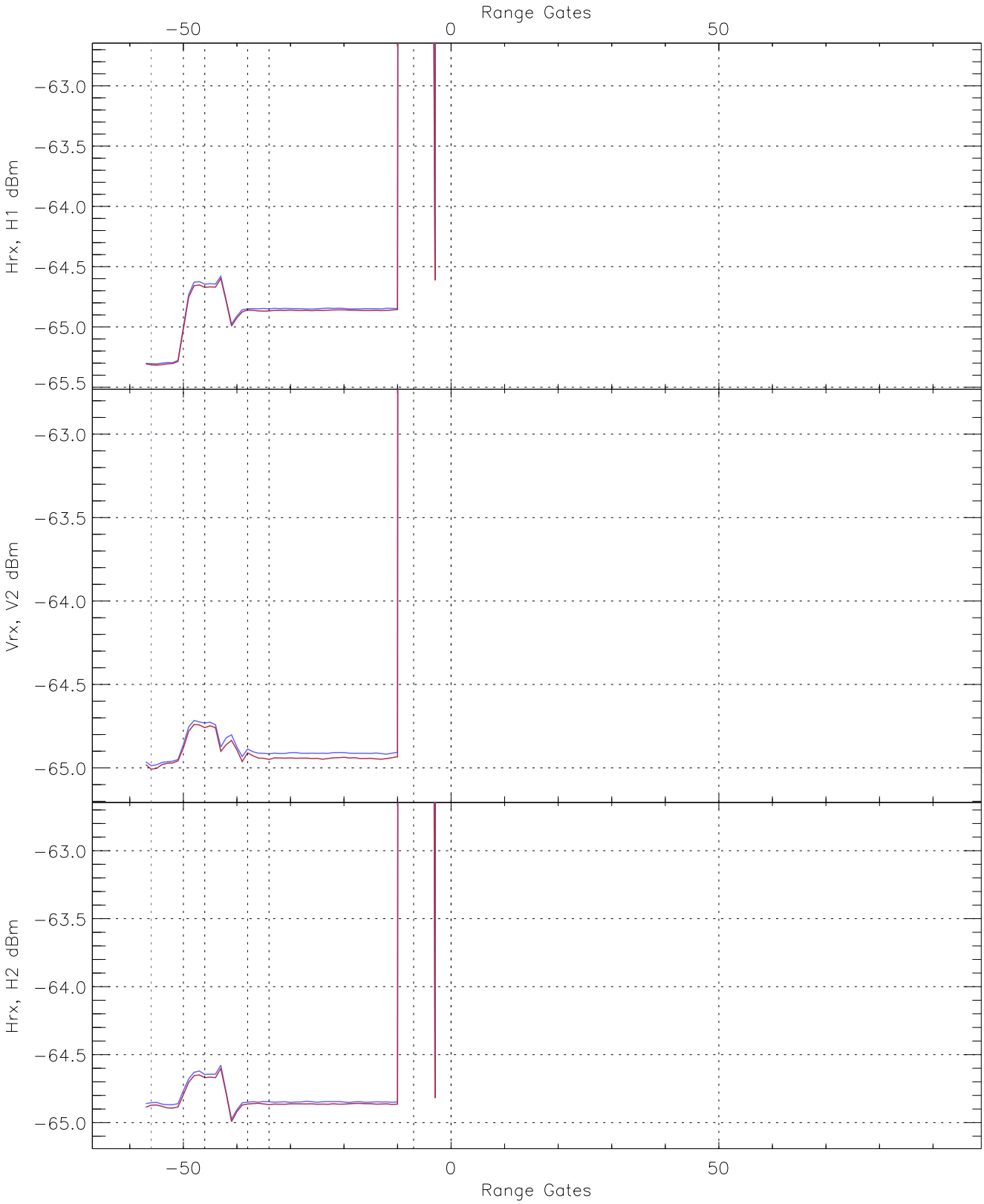


WCR3 CPP "Best" estimate Receivers Noise Power

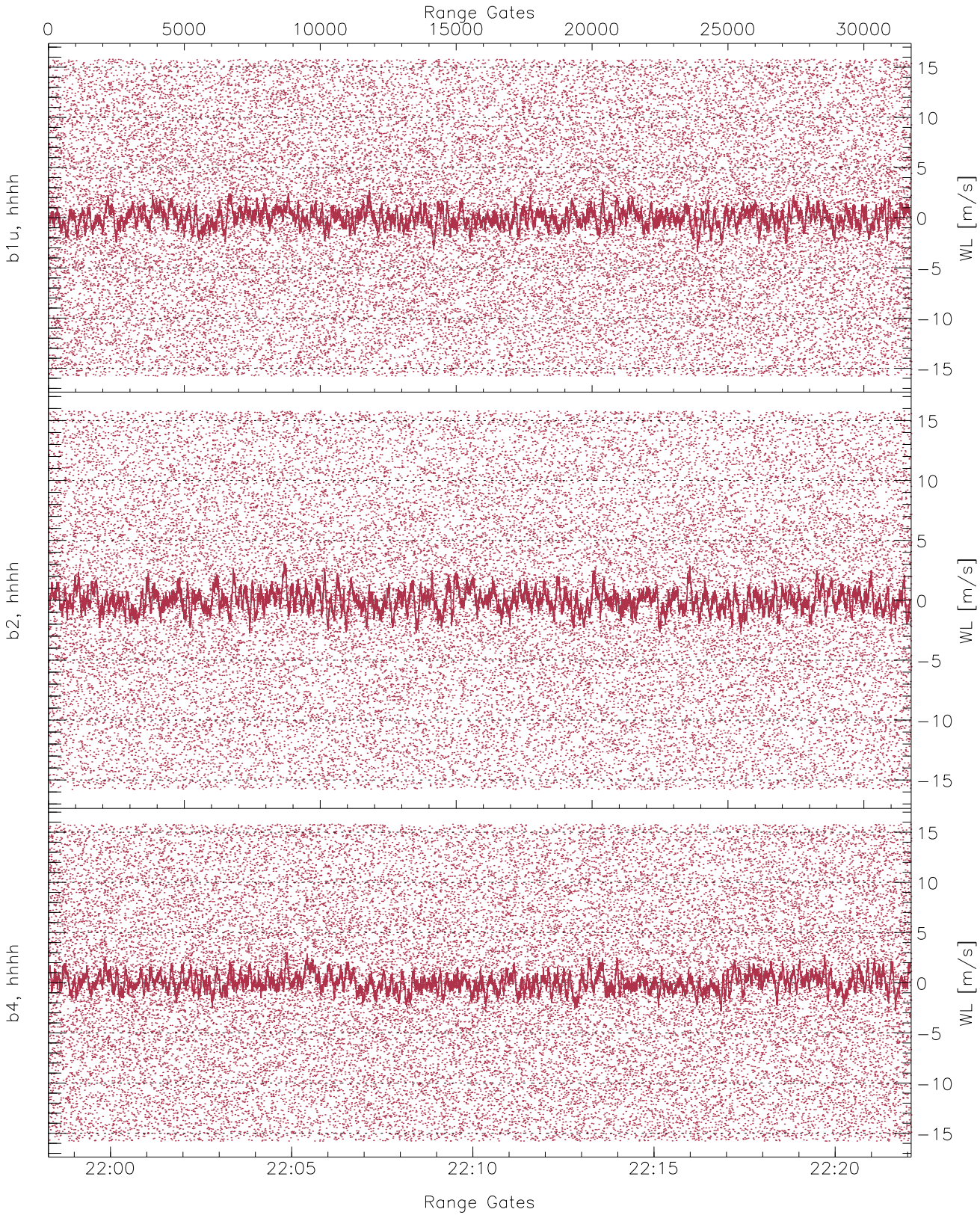
	Min	Max	Mean	Median	StDev
H1WL4_0 [dBm]	-66.52	-64.25	-65.31	-65.32	-76.82
V2WL4_0 [dBm]	-66.31	-63.85	-65.00	-65.01	-76.49
H2RM_0 [dBm]	-66.13	-63.59	-64.88	-64.89	-76.36



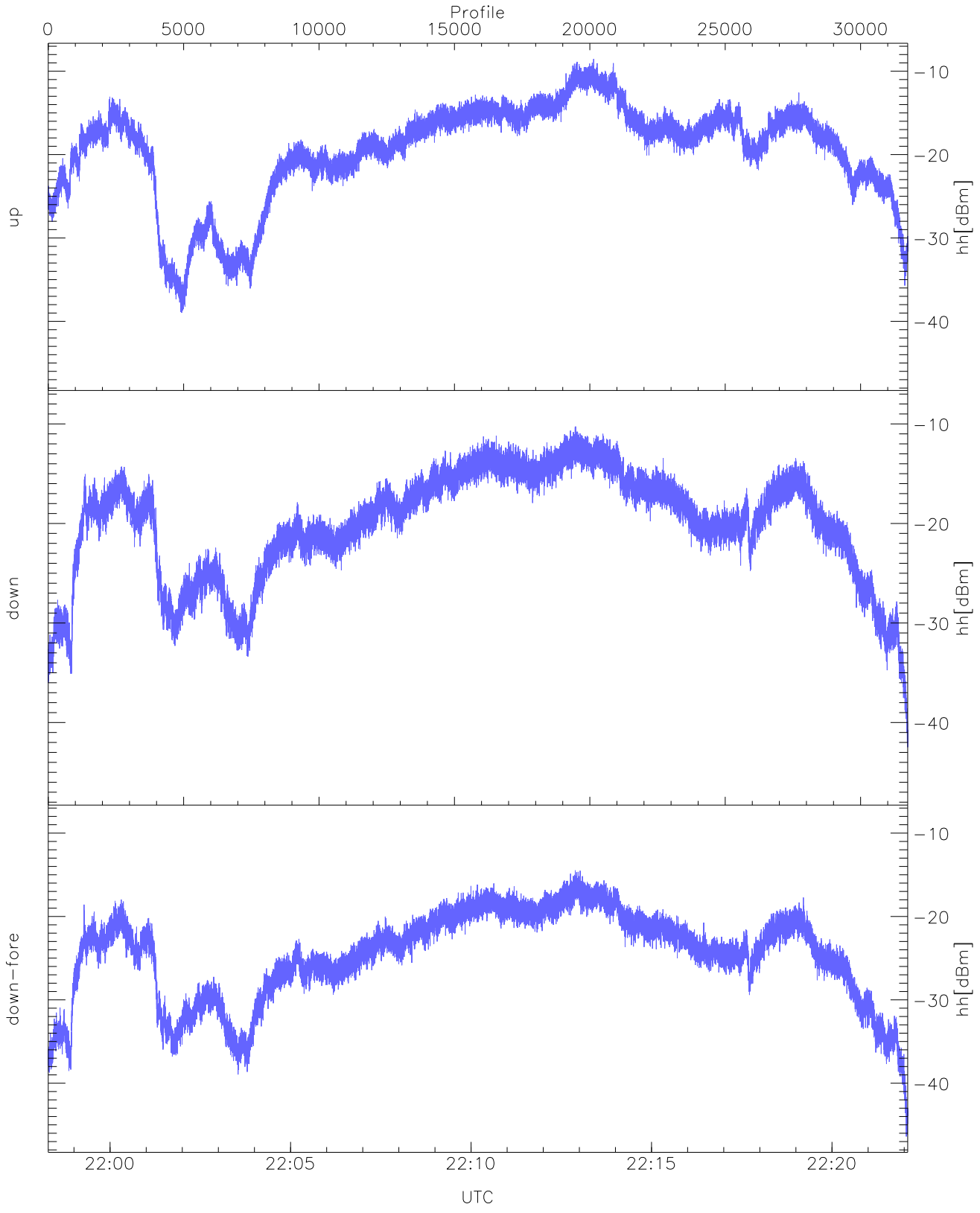
WCR3 CPP Averaged Received power for all recorded gates
blue: 215817-221012, 15871 profiles averaged
red: 221012-222206, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 215817-221012, 15871 profiles averaged
red: 221012-222206, 15871 profiles averaged

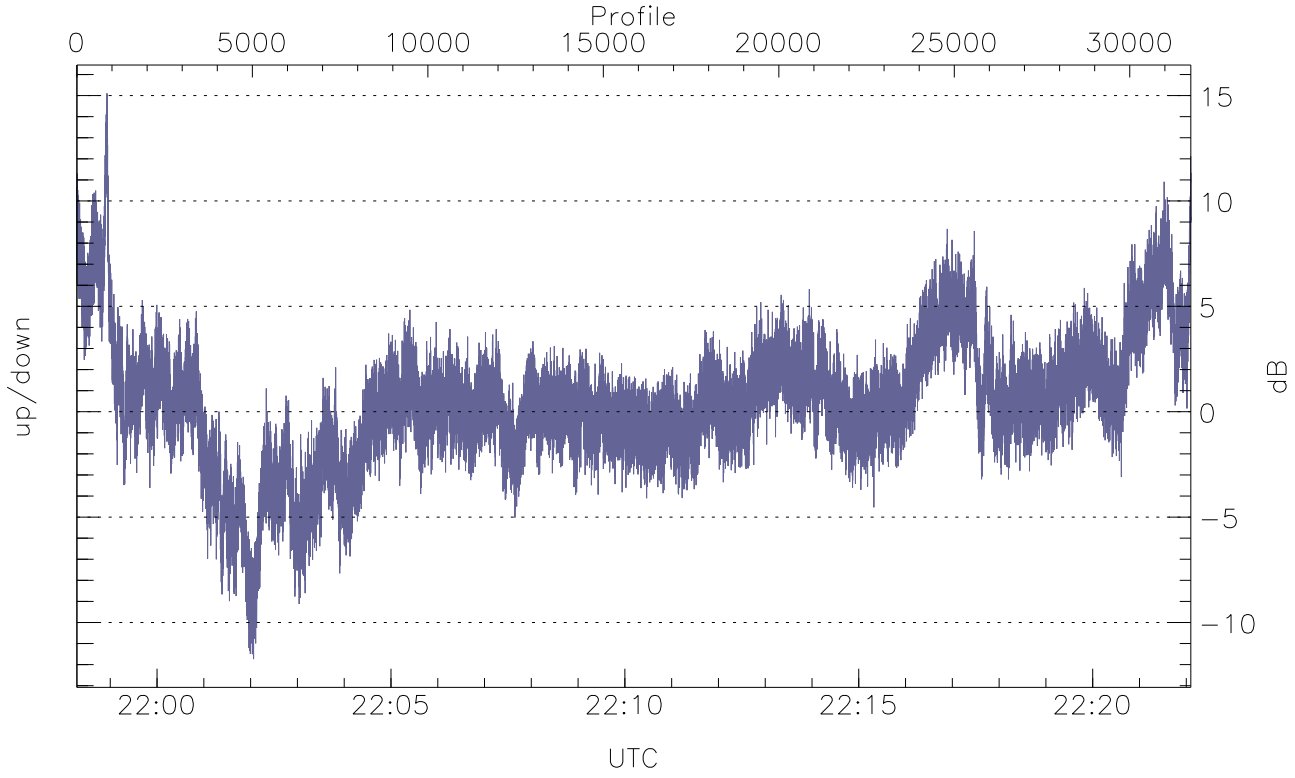


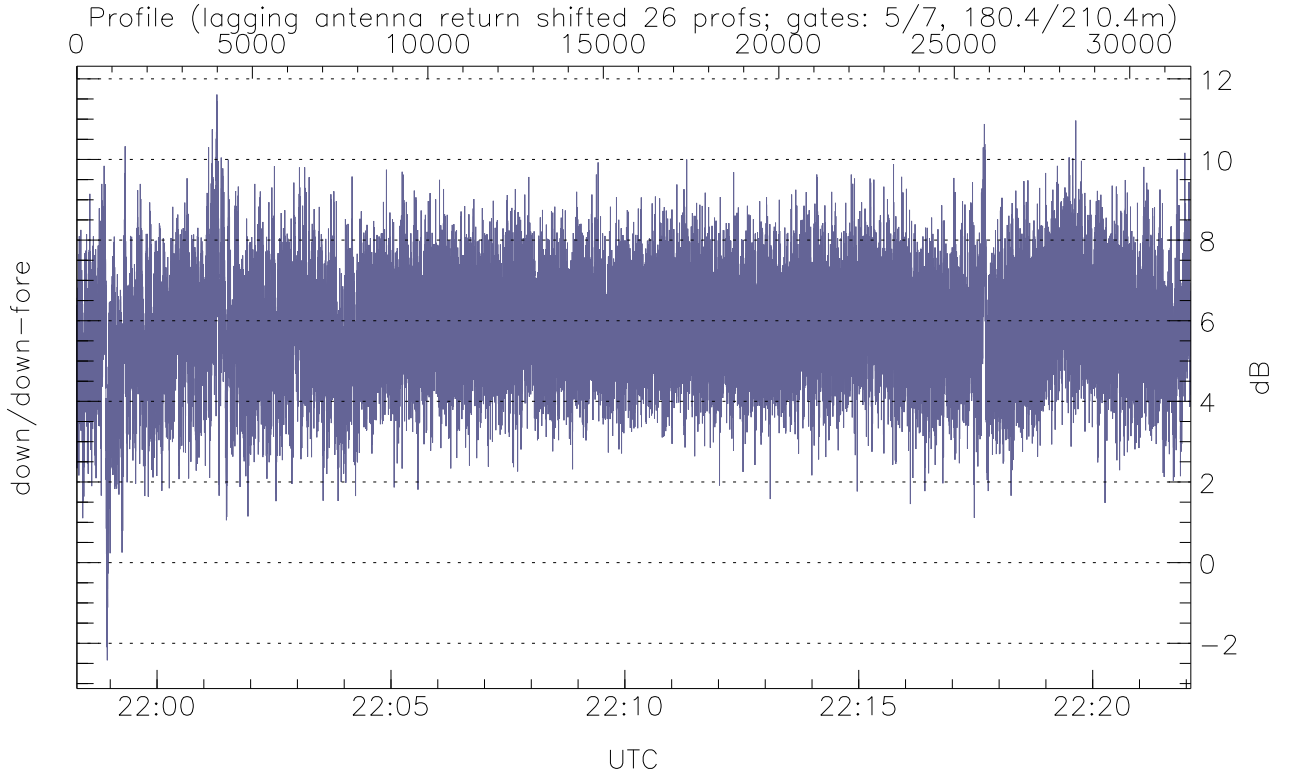
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

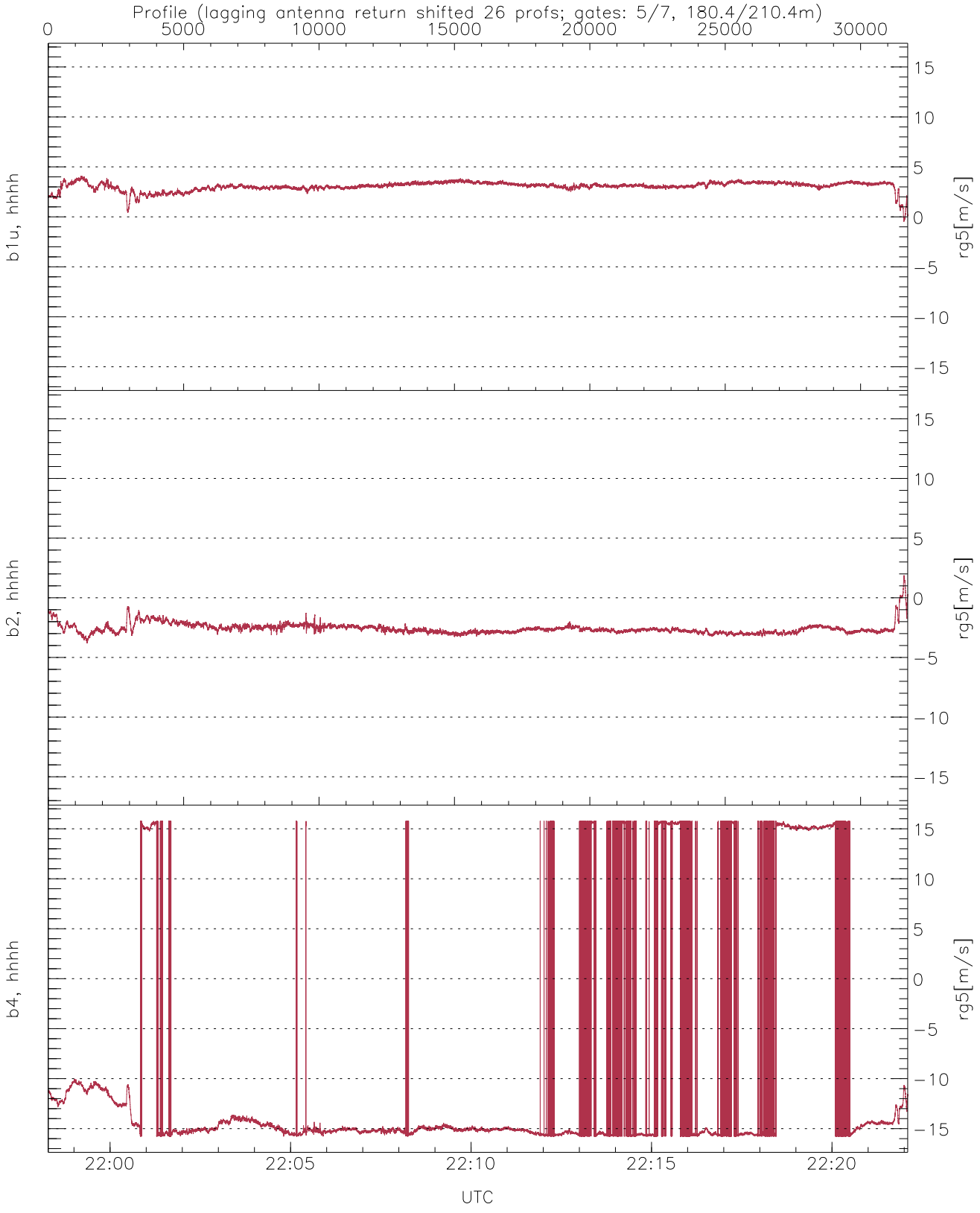
	Min	Max	Mean
up(hh[dBm])	-38.97	-8.53	-17.00
down(hh[dBm])	-42.48	-10.25	-17.65
down-fore(hh[dBm])	-46.40	-14.46	-22.28





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

	Min	Max	Mean
up/down(dB)	-11.74	15.11	0.47
down/down-fore(dB)	-2.42	11.61	5.83



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.47	4.09	3.05	0.46
b2, hhhh(rg5[m/s])	-3.81	1.89	-2.57	0.47
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.06	11.80