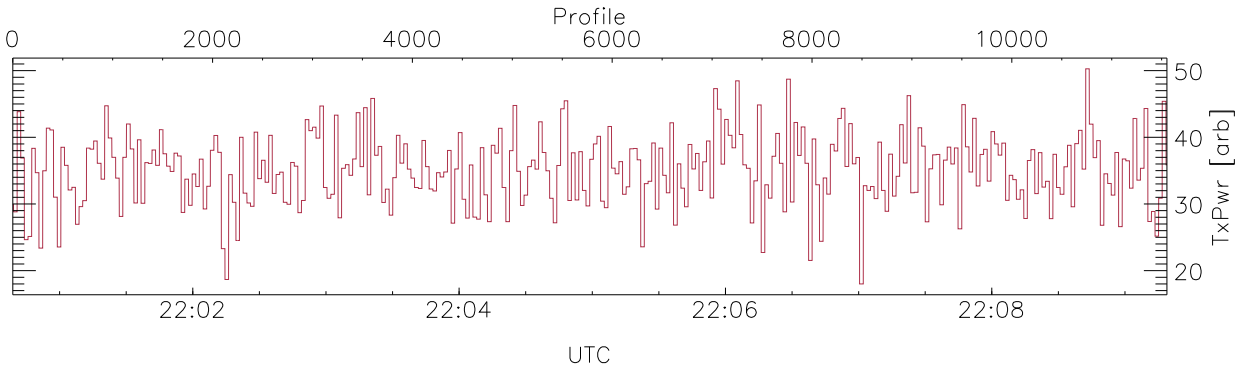
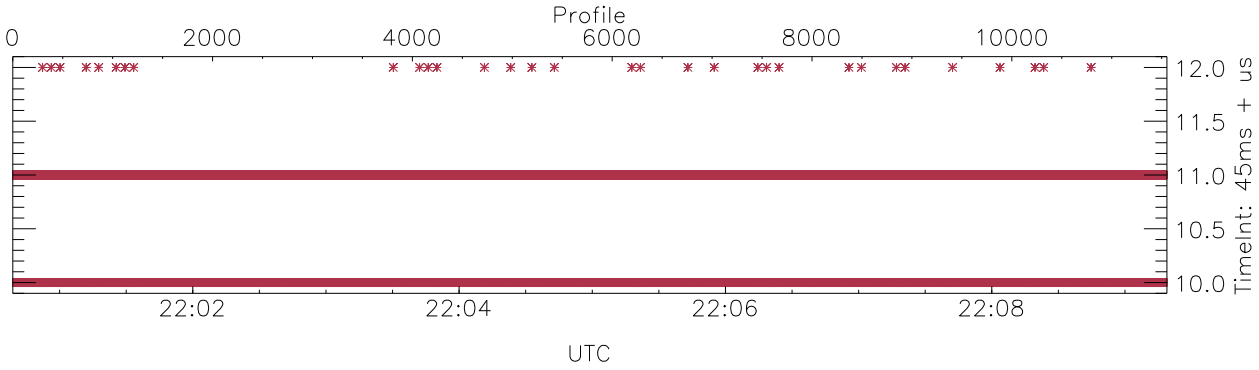
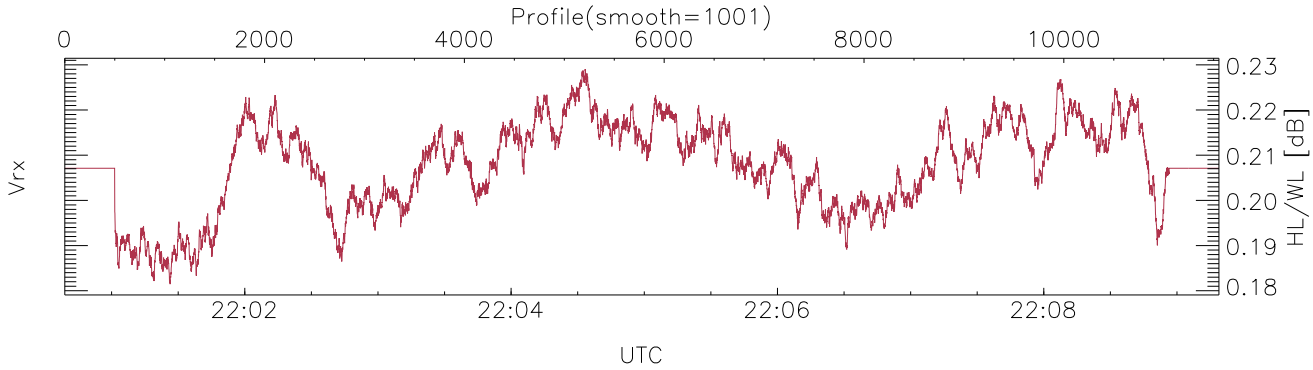
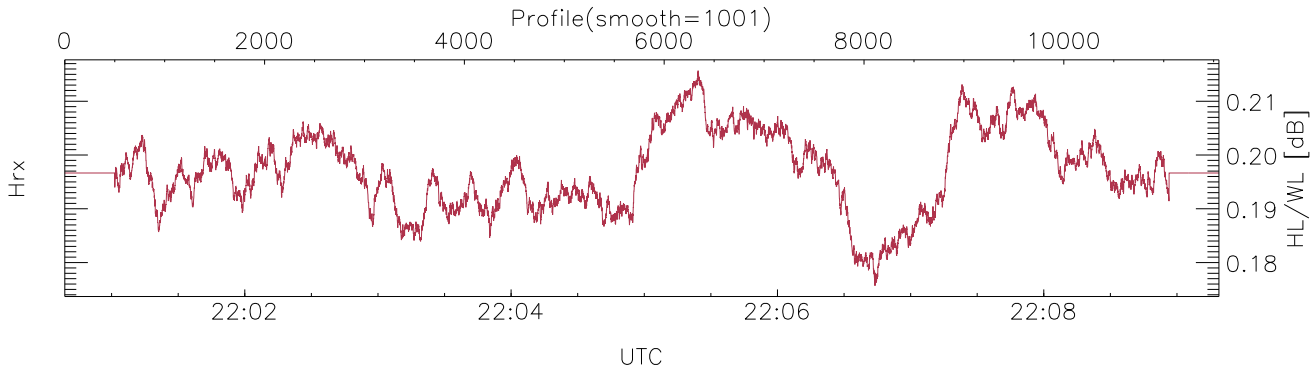


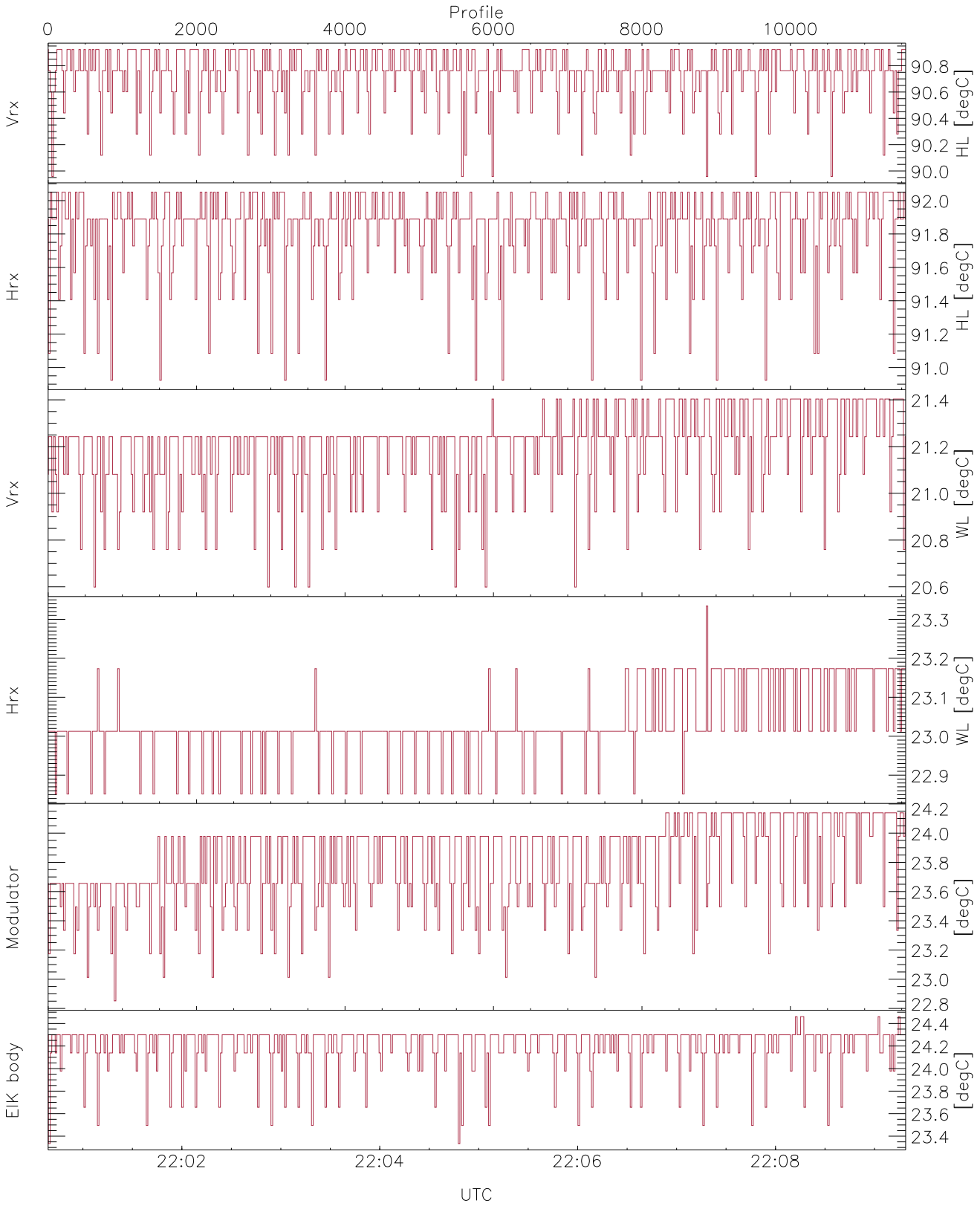






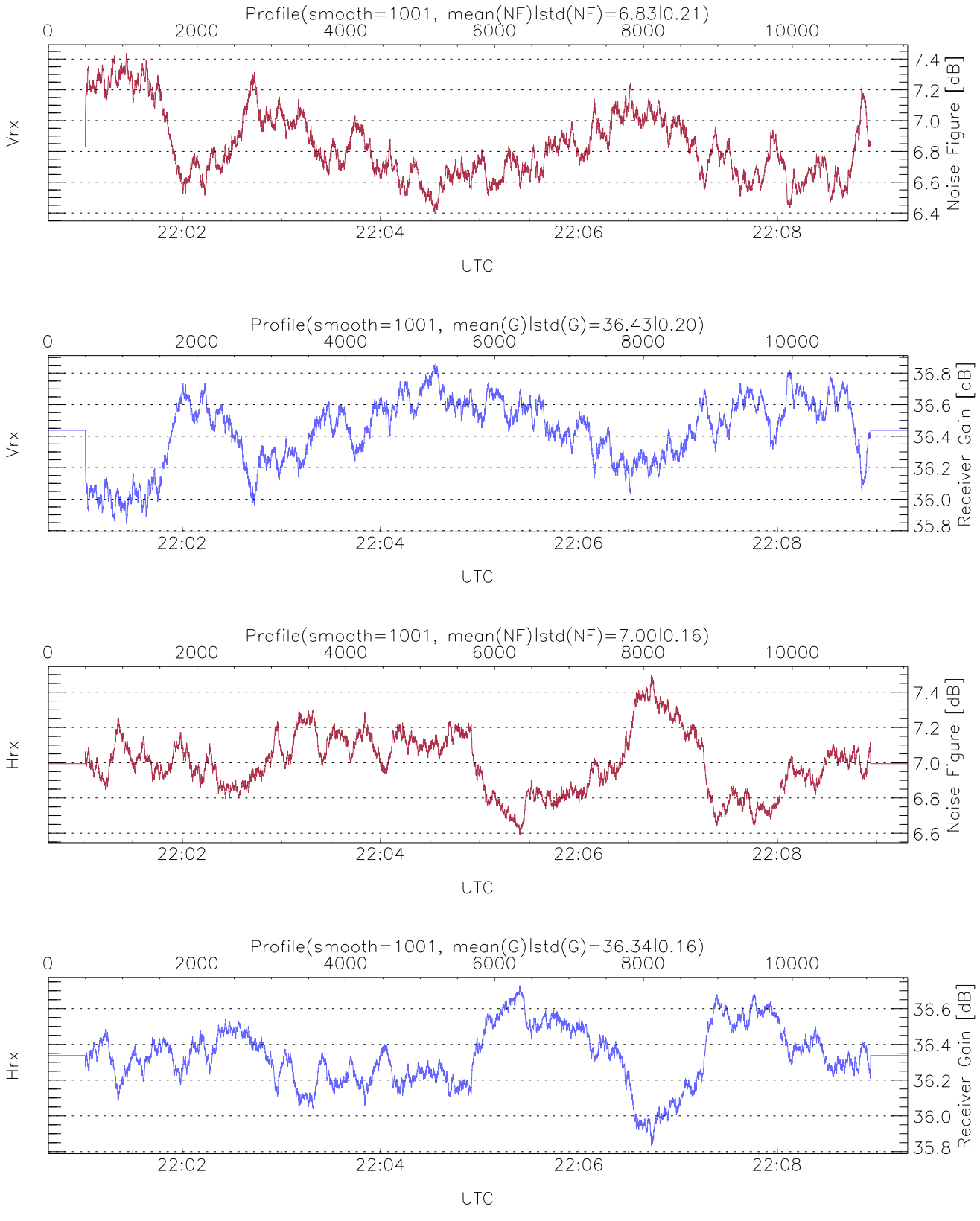
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:00:39-22:09:19, TimeCor: 0.00s, Dur: 520.01s
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): 11554/11554, 0-11553/22:00:39-22:09:19
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|sideluperror): 1



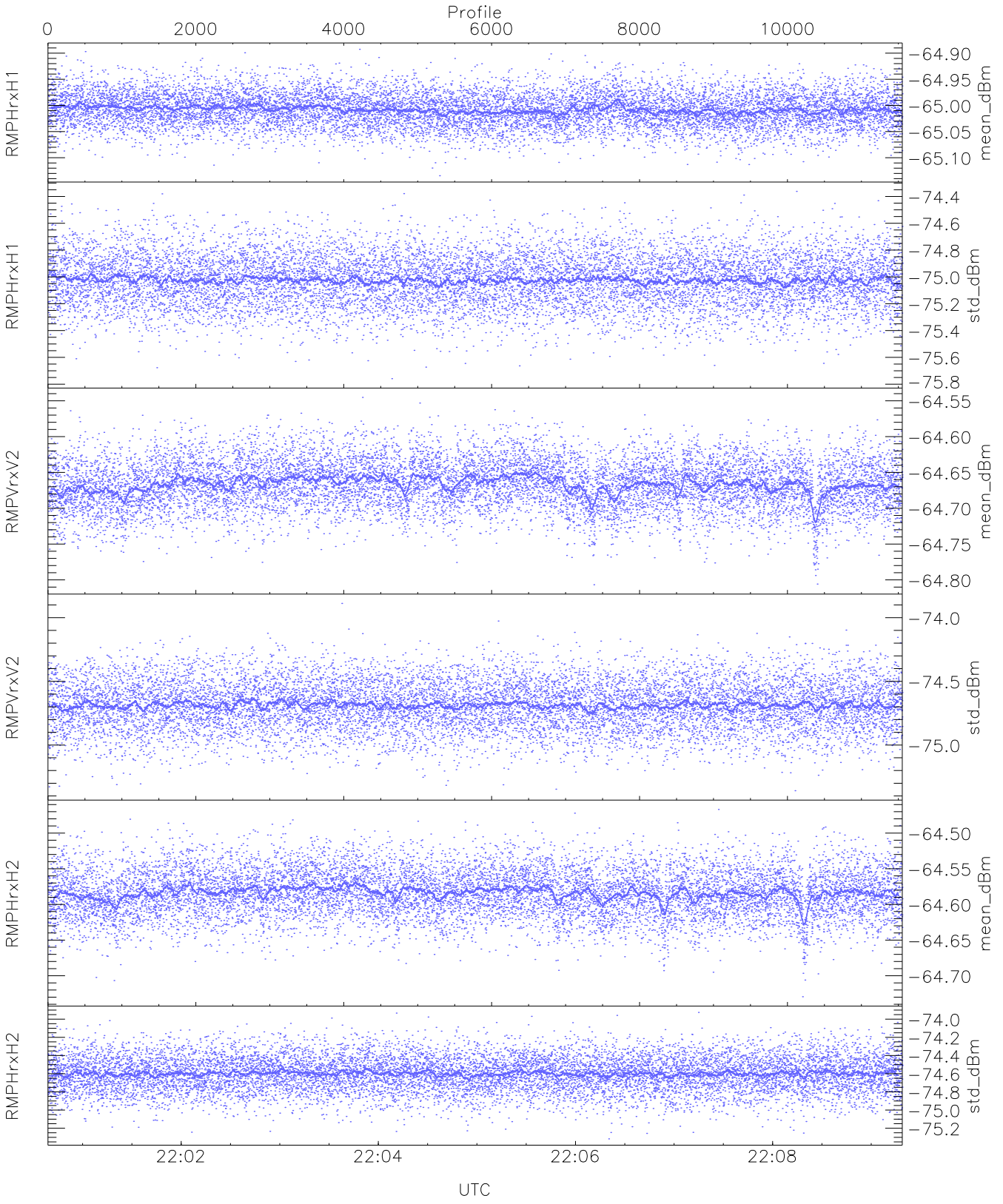
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,20,22,22,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,21,23,24,24
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK/Modulator Faults: None



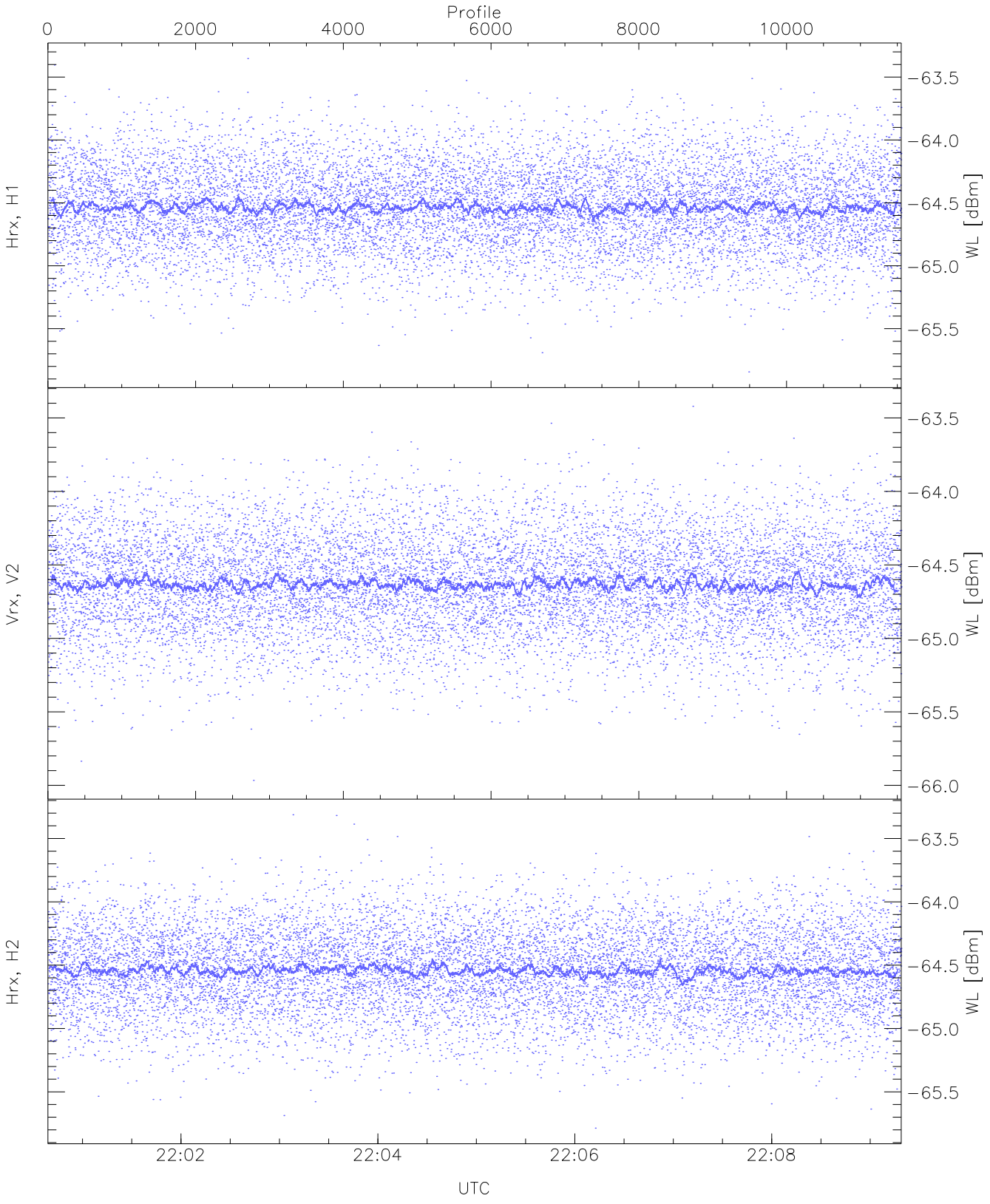
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 5 pixs, 2 gates, 5 profs, 1 prod(s)



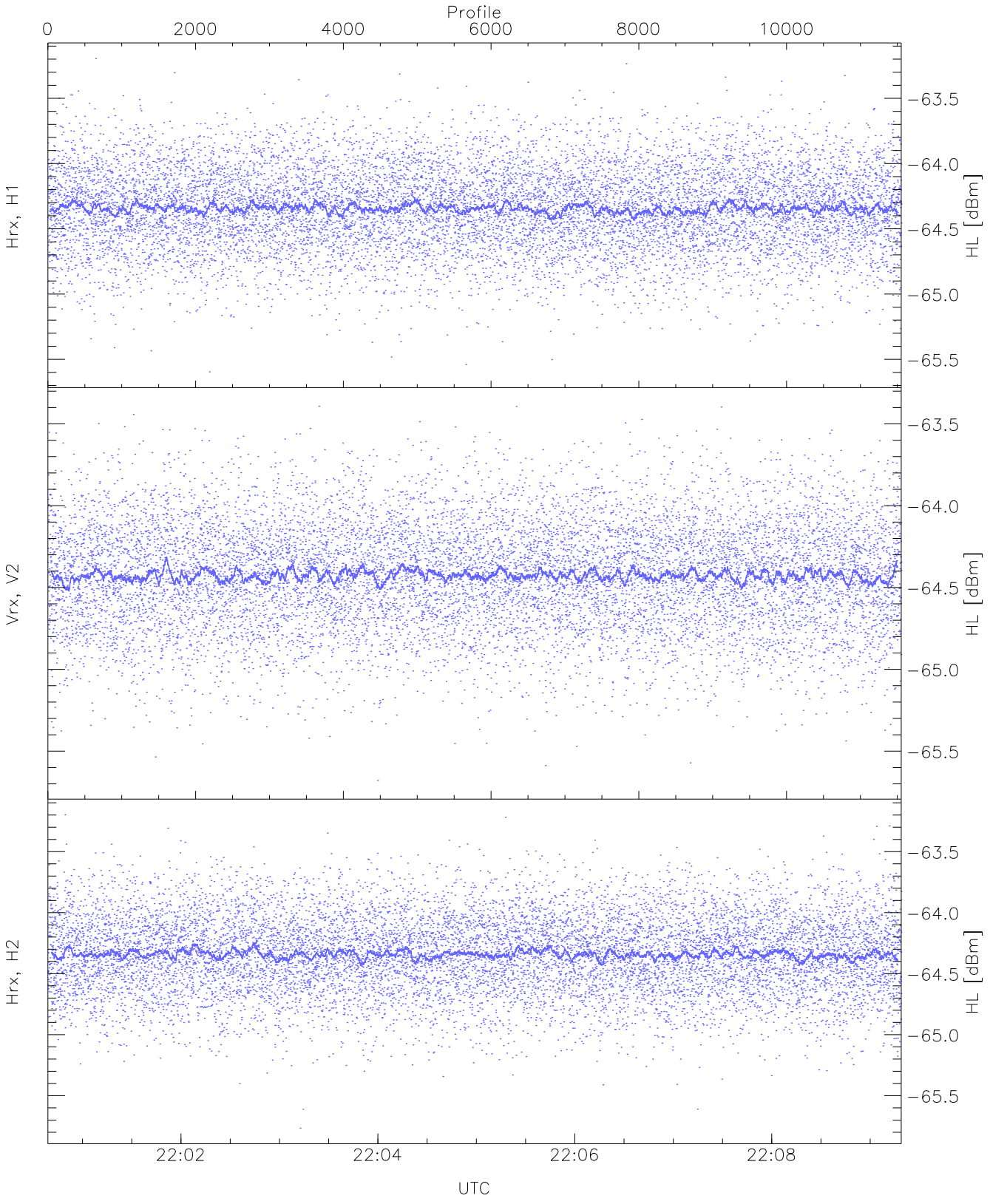
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.13	-64.89	-65.01	-65.01	-86.54
RMPHrxH1(std_dBm)	-75.76	-74.36	-75.02	-75.02	-88.82
RMPVrxV2(mean_dBm)	-64.81	-64.55	-64.67	-64.67	-85.96
RMPVrxV2(std_dBm)	-75.36	-73.89	-74.69	-74.69	-88.52
RMPHrxH2(mean_dBm)	-64.73	-64.47	-64.58	-64.58	-86.01
RMPHrxH2(std_dBm)	-75.32	-73.93	-74.60	-74.60	-88.37



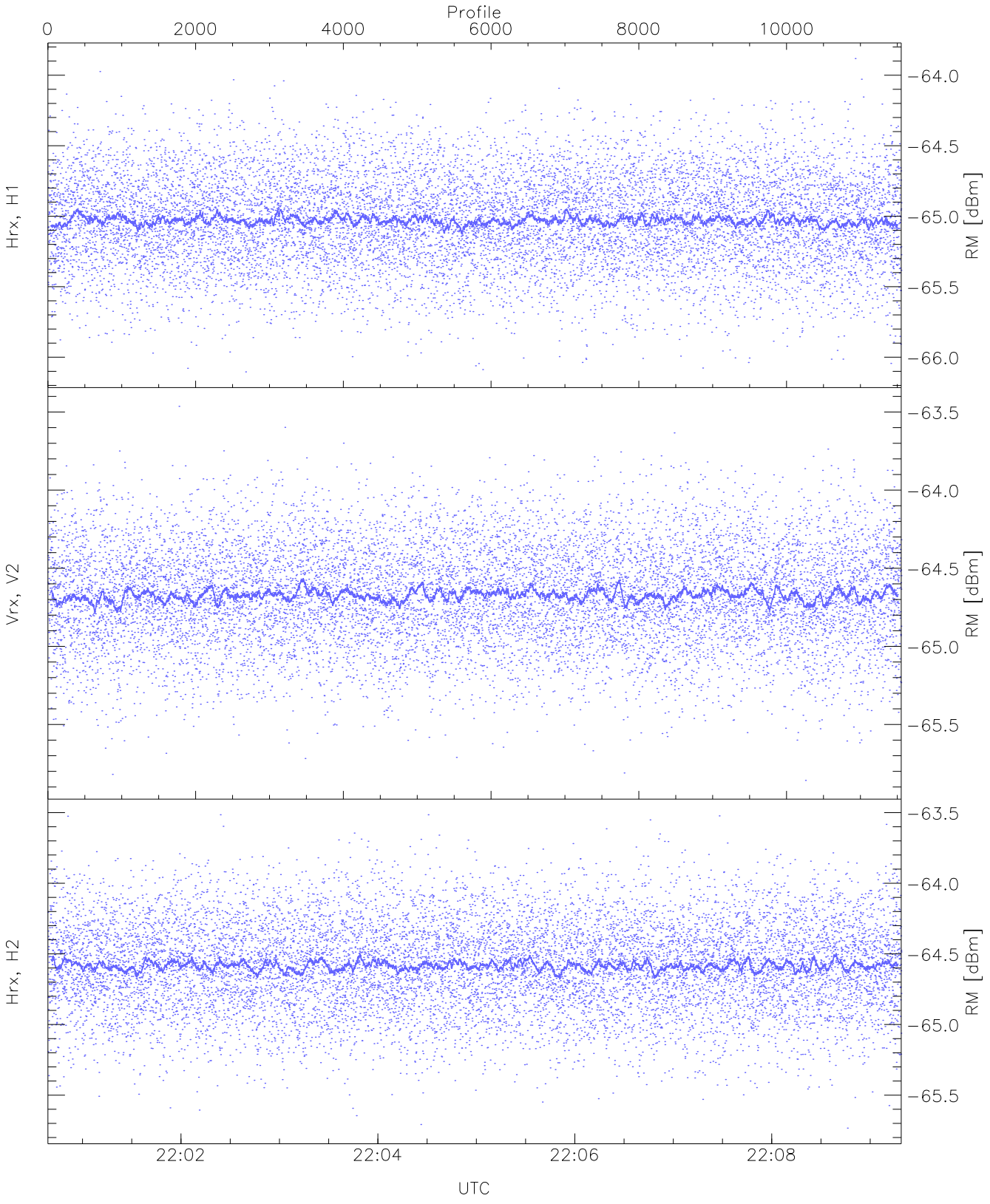
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.84	-63.35	-64.53	-64.54	-76.01
Vrx, V2(WL [dBm])	-65.97	-63.42	-64.62	-64.63	-76.14
Hrx, H2(WL [dBm])	-65.79	-63.31	-64.54	-64.54	-76.06



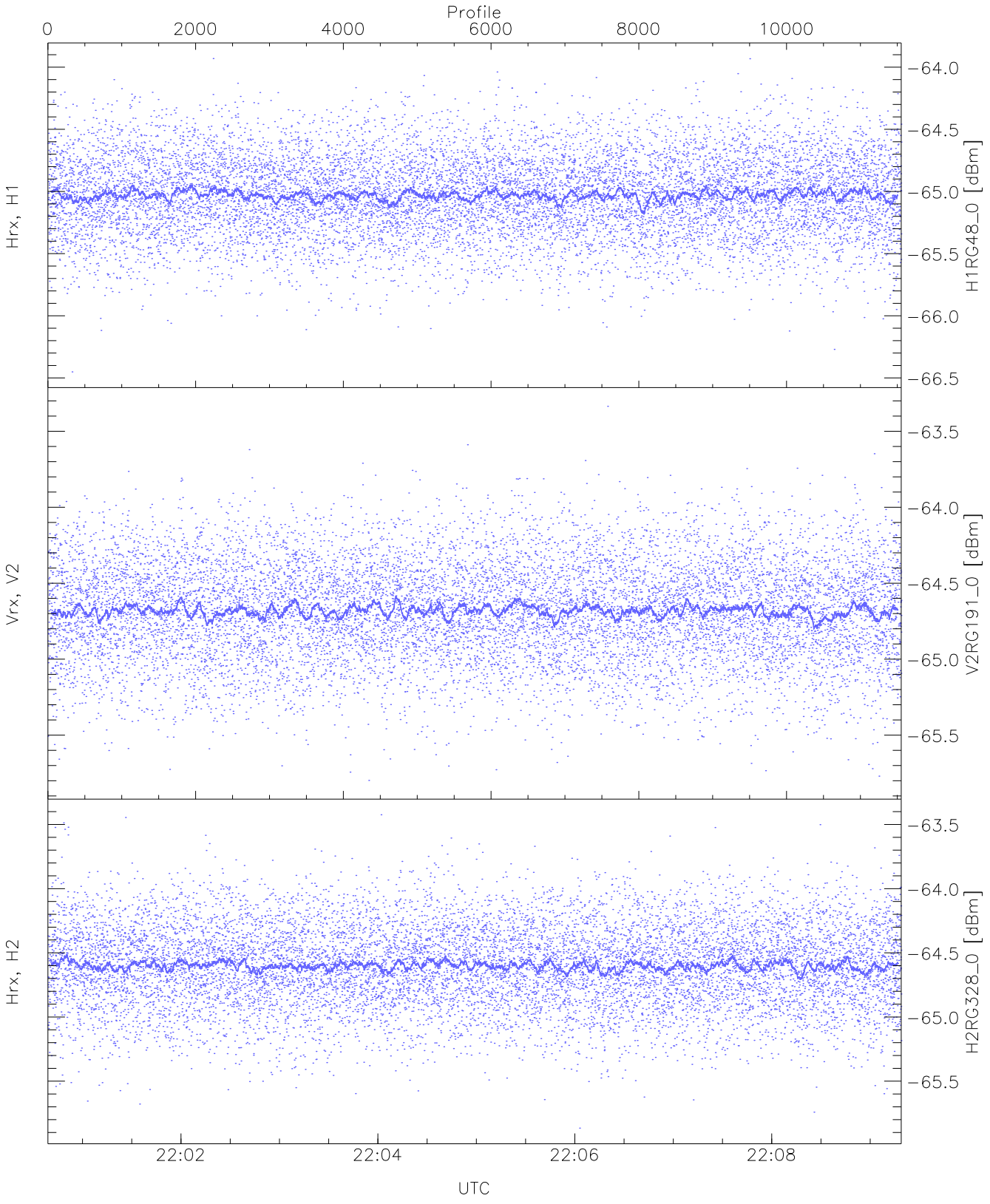
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.60	-63.20	-64.34	-64.34	-75.90
Vrx, V2(HL [dBm])	-65.68	-63.39	-64.42	-64.42	-75.89
Hrx, H2(HL [dBm])	-65.77	-63.20	-64.33	-64.34	-75.84



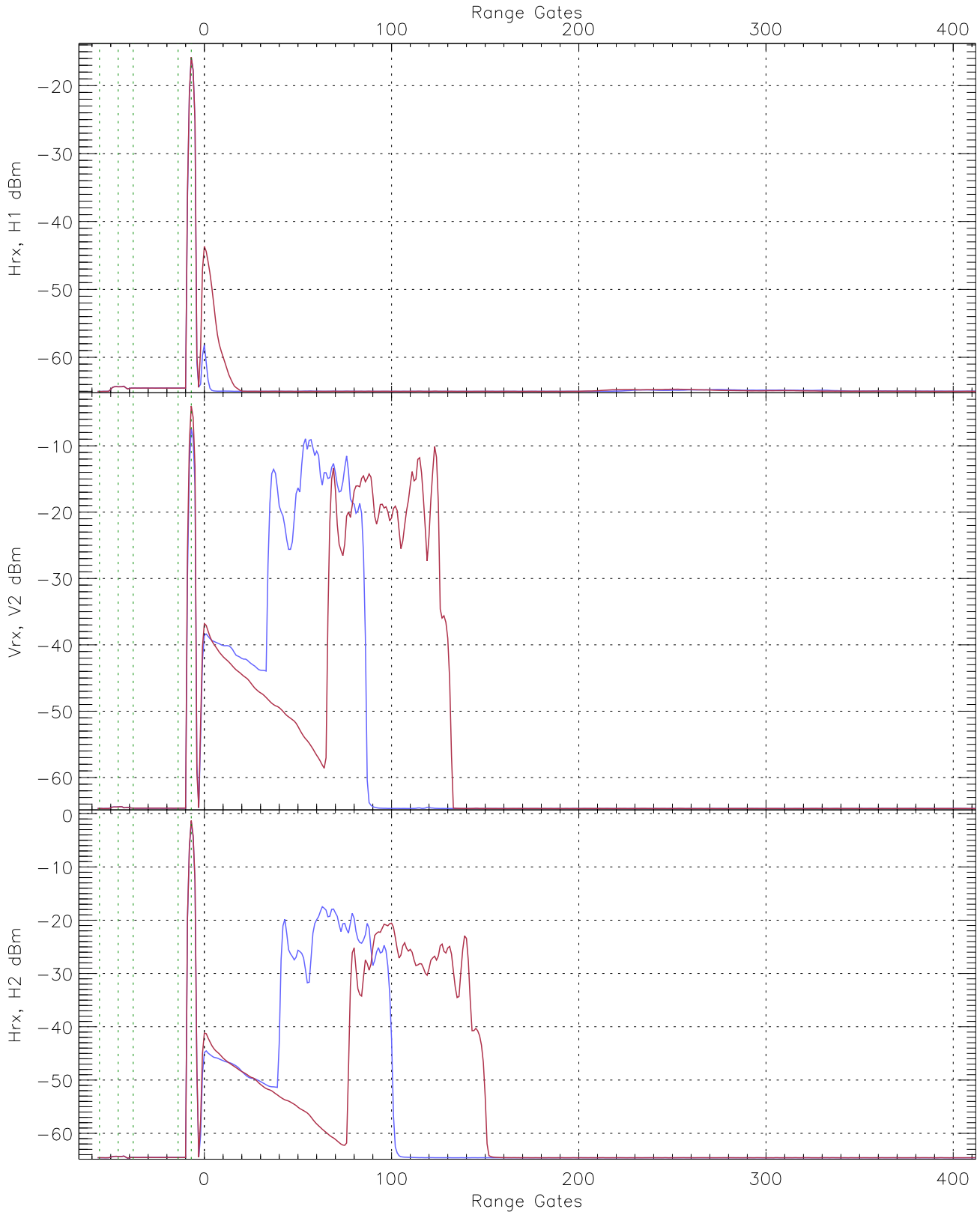
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.10	-63.88	-65.02	-65.03	-76.52
Vrx, V2(RM [dBm])	-65.86	-63.46	-64.66	-64.68	-76.18
Hrx, H2(RM [dBm])	-65.73	-63.52	-64.58	-64.58	-76.11

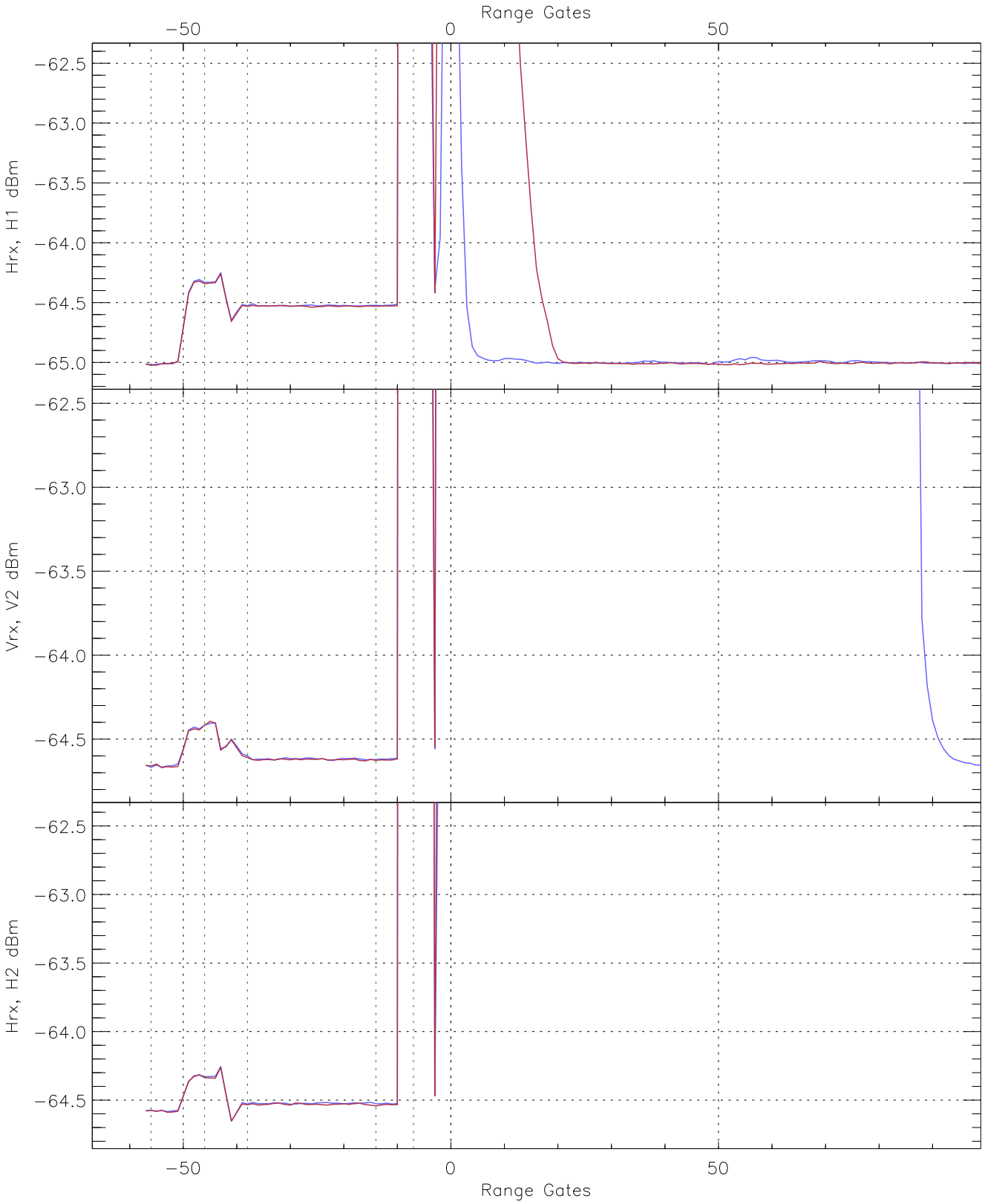


WCR3 CPP "Best" estimate Receivers Noise Power

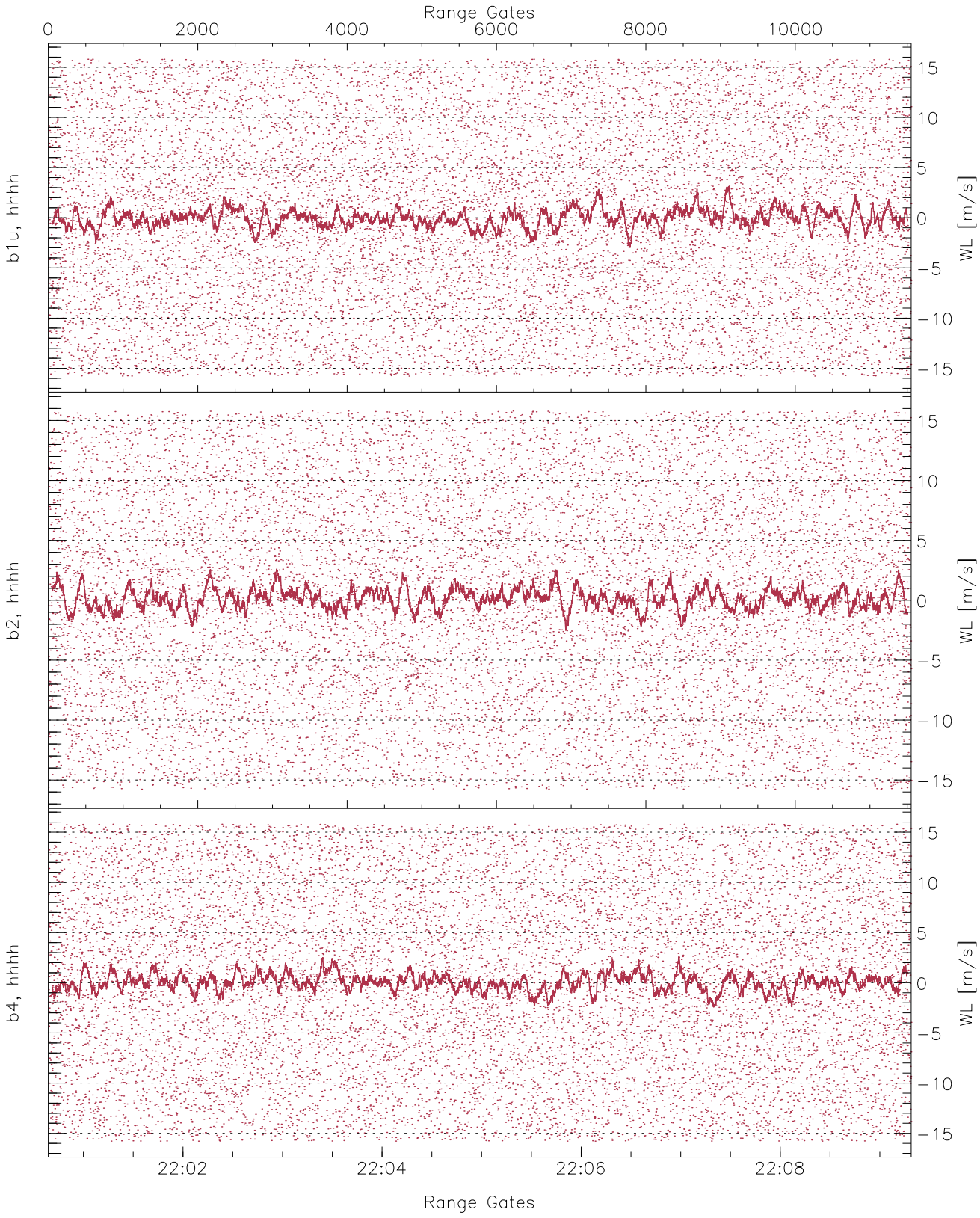
	Min	Max	Mean	Median	StDev
H1RG48_0 [dBm]	-66.45	-63.93	-65.02	-65.03	-76.50
V2RG191_0 [dBm]	-65.80	-63.34	-64.67	-64.68	-76.15
H2RG328_0 [dBm]	-65.87	-63.42	-64.59	-64.60	-76.11



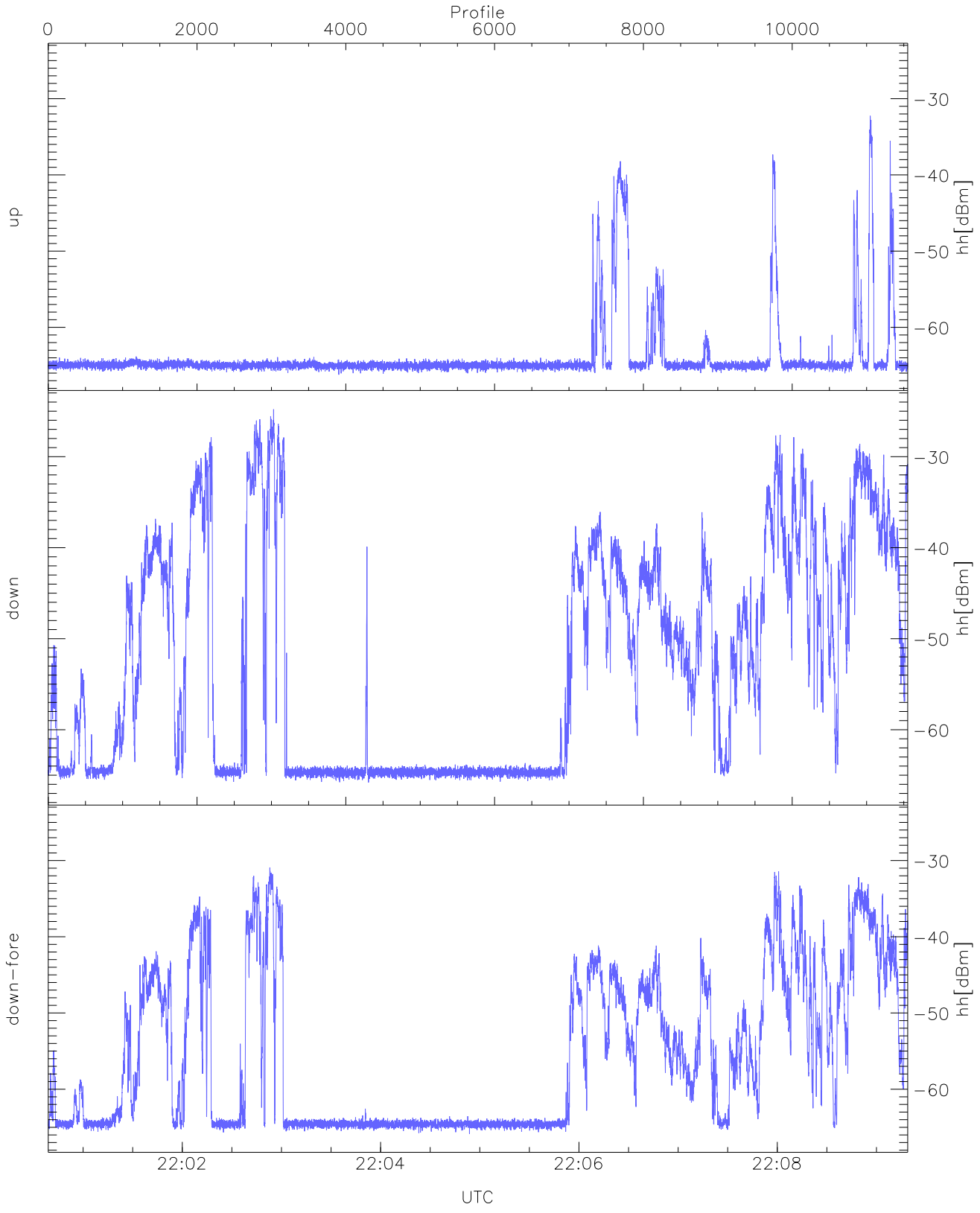
WCR3 CPP Averaged Received power for all recorded gates
blue: 220039-220459, 5778 profiles averaged
red: 220459-220919, 5777 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 220039-220459, 5778 profiles averaged
red: 220459-220919, 5777 profiles averaged

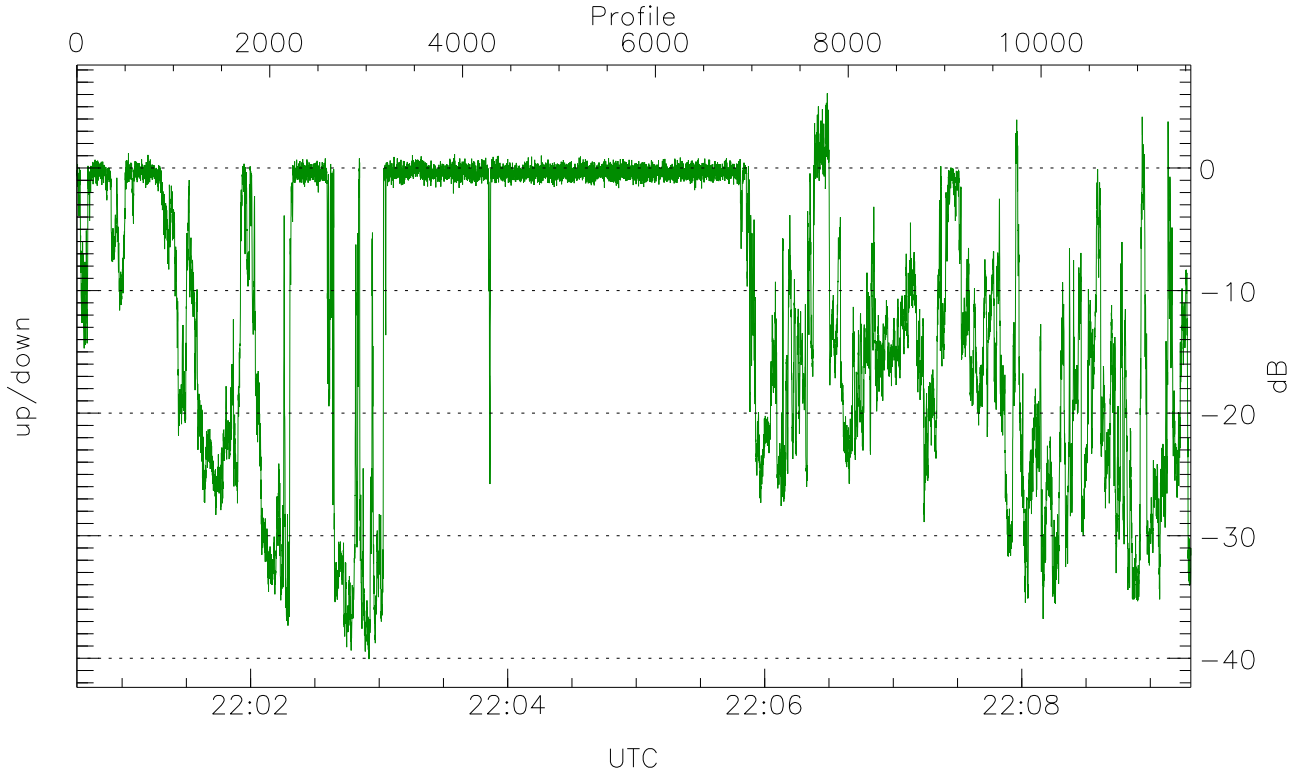


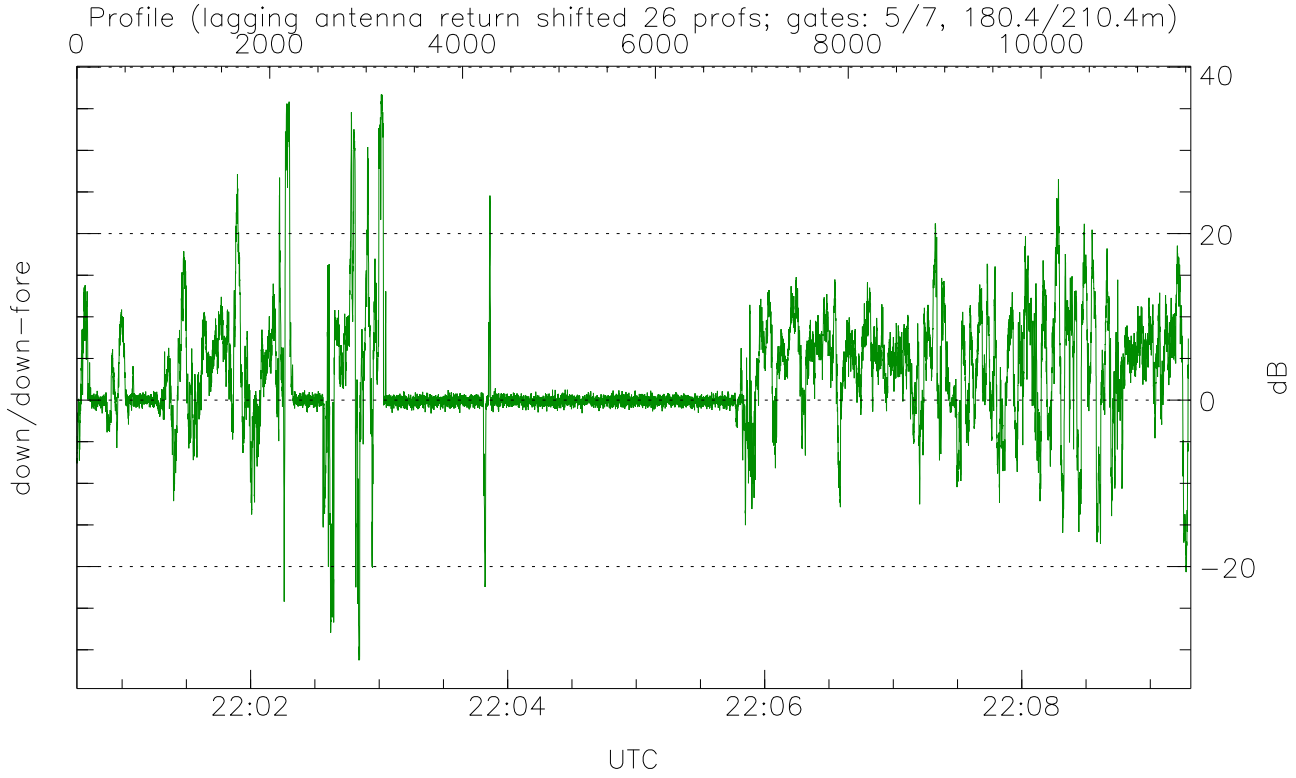
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

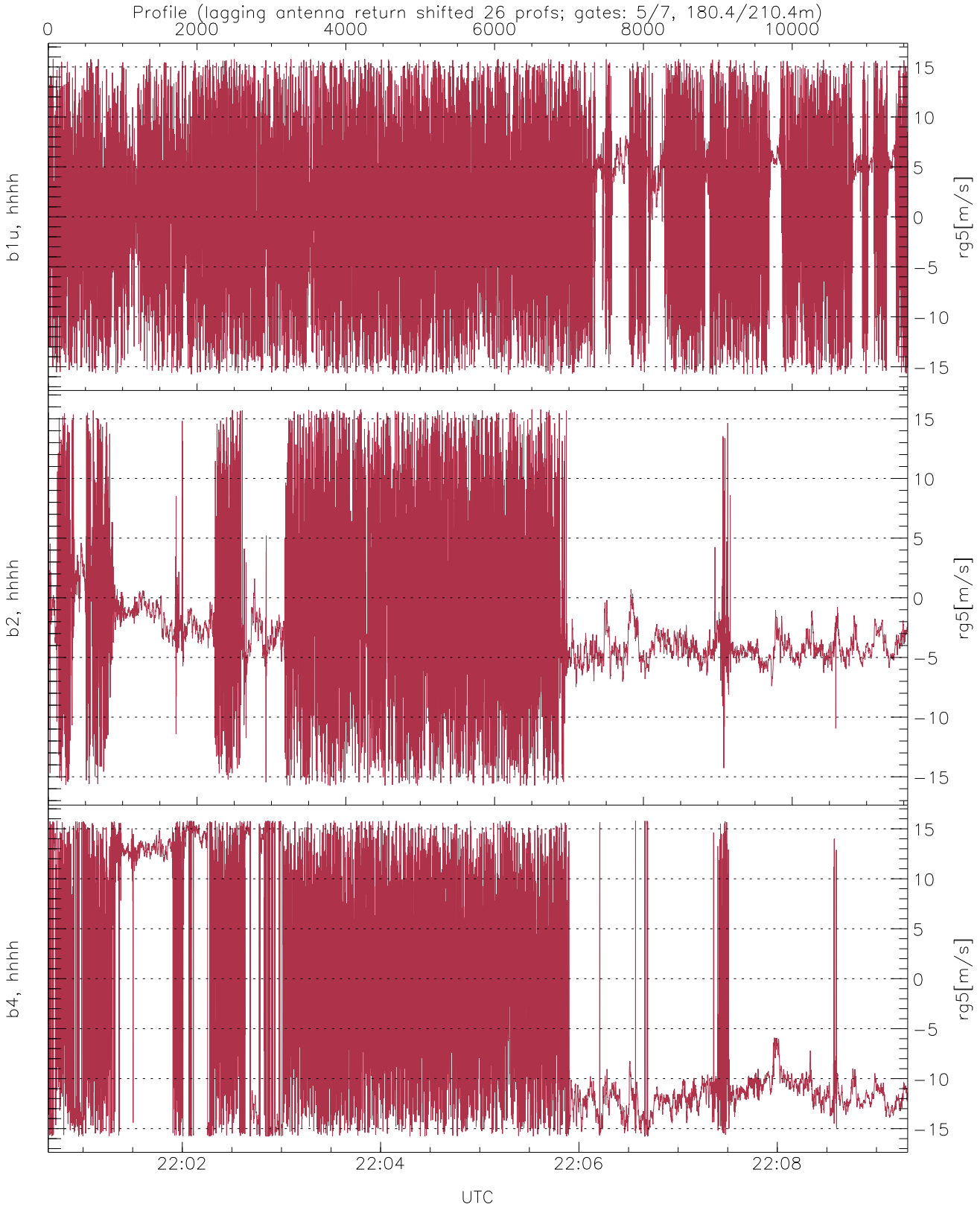
	Min	Max	Mean
up(hh[dBm])	-66.21	-32.25	-54.87
down(hh[dBm])	-65.79	-24.80	-39.66
down-fore(hh[dBm])	-65.87	-30.91	-44.81





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

	Min	Max	Mean
up/down(dB)	-40.06	6.10	-10.81
down/down-fore(dB)	-31.26	36.71	2.56



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.78	8.04
b2, hhhh(rg5[m/s])	-15.75	15.79	-1.93	5.79
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.38	10.58