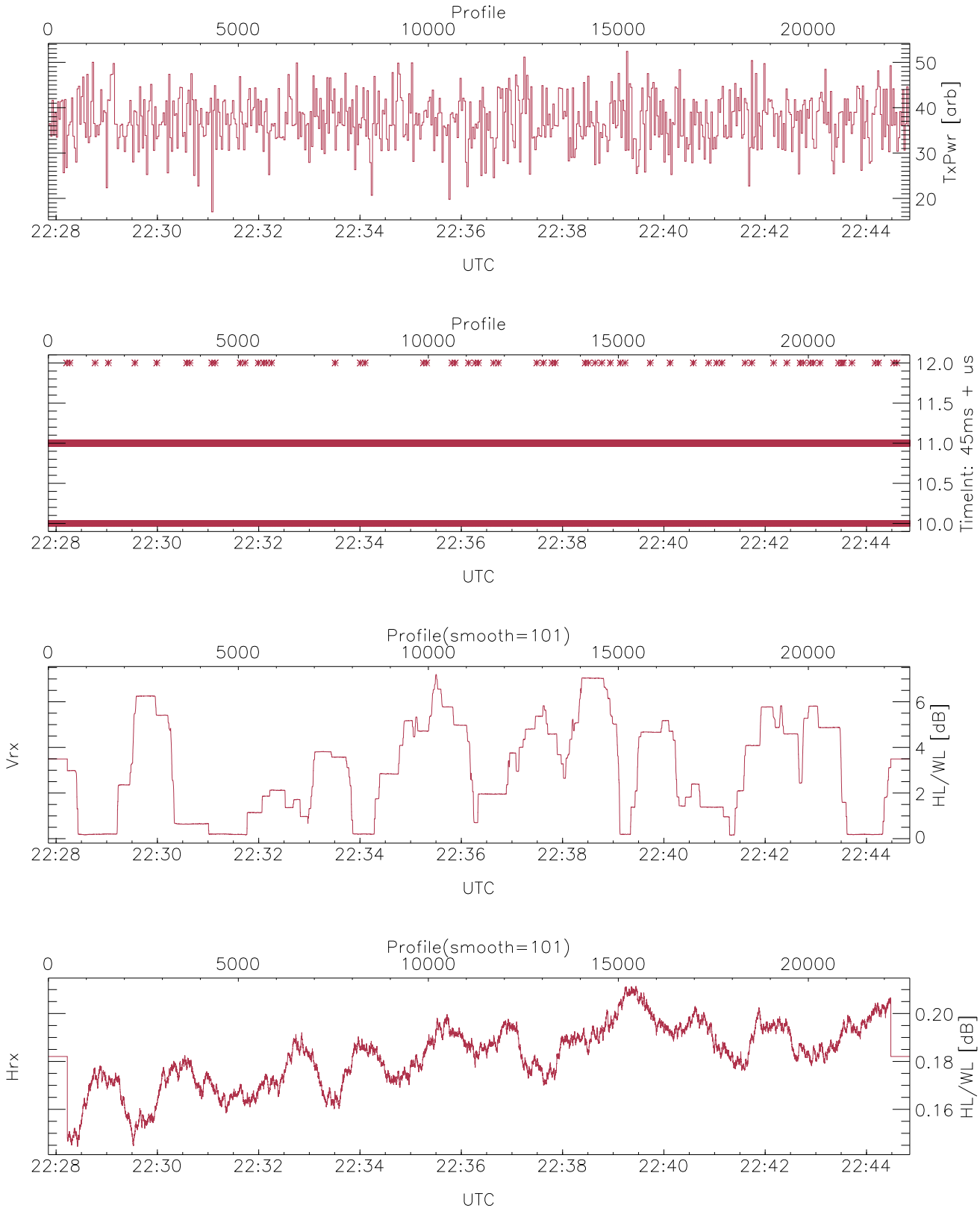
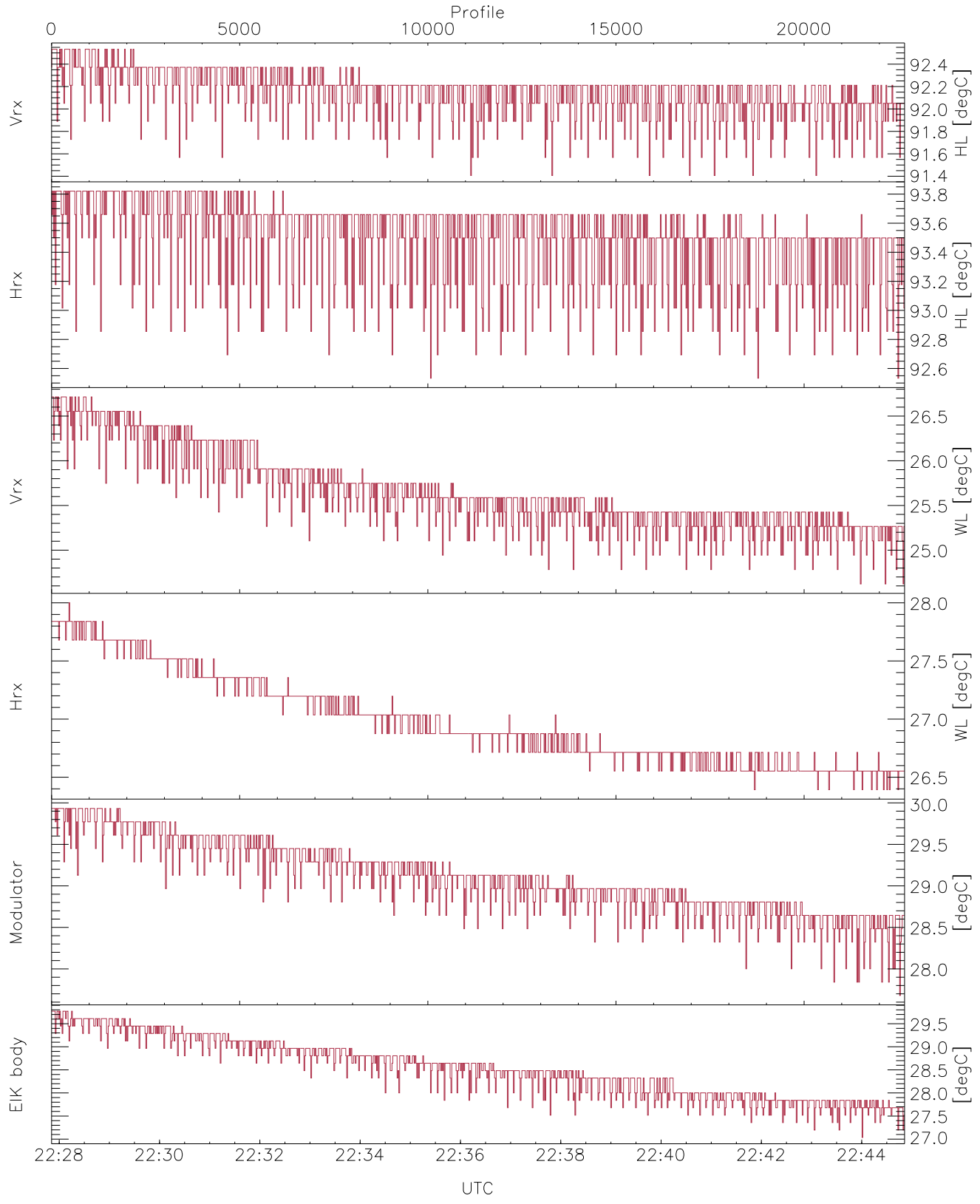


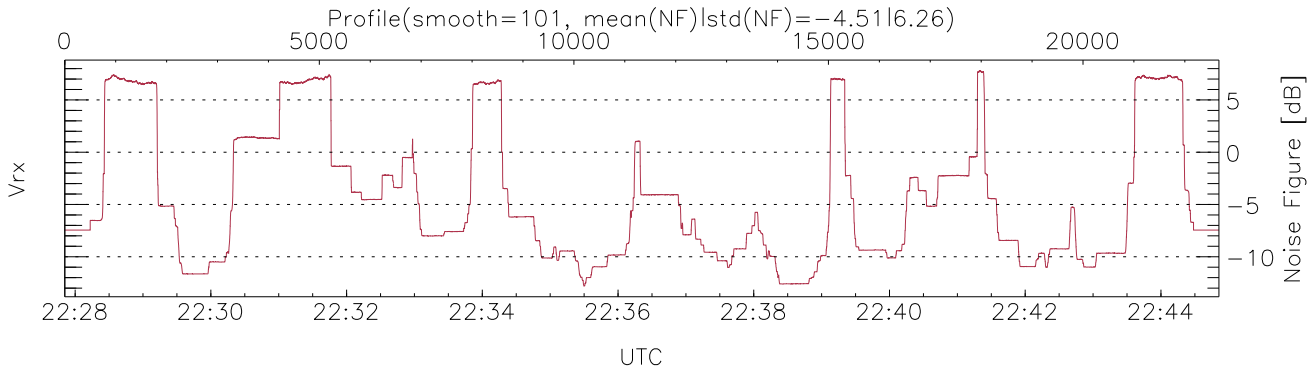
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

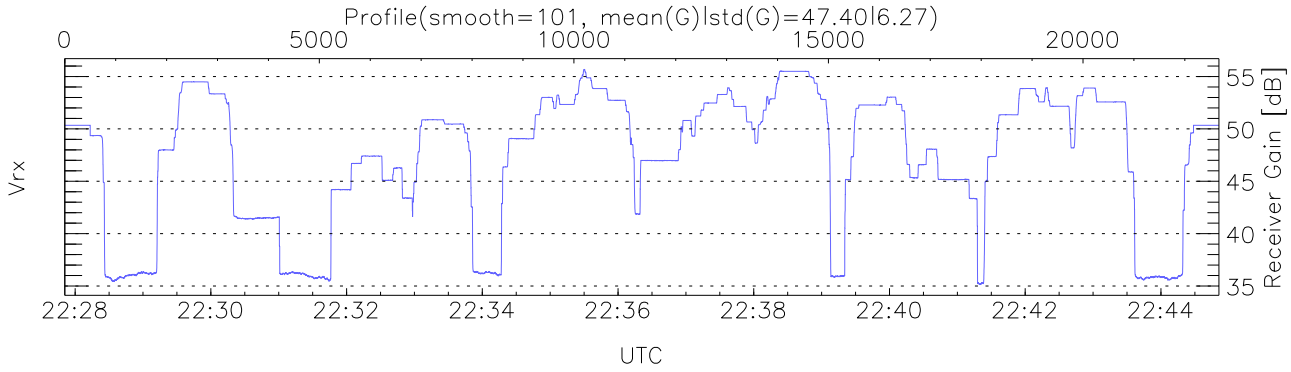
UTC: 22:27:51-22:44:51, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/22:27:51-22:44:51
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

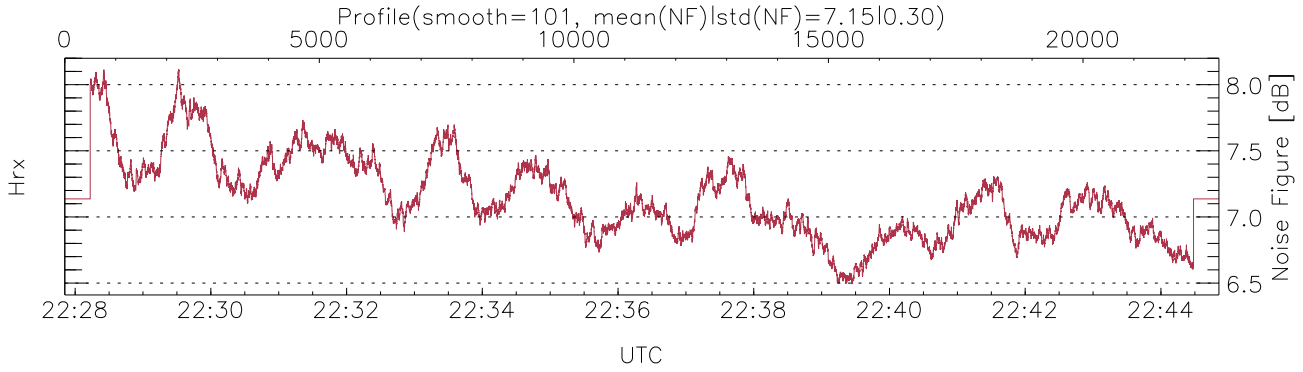


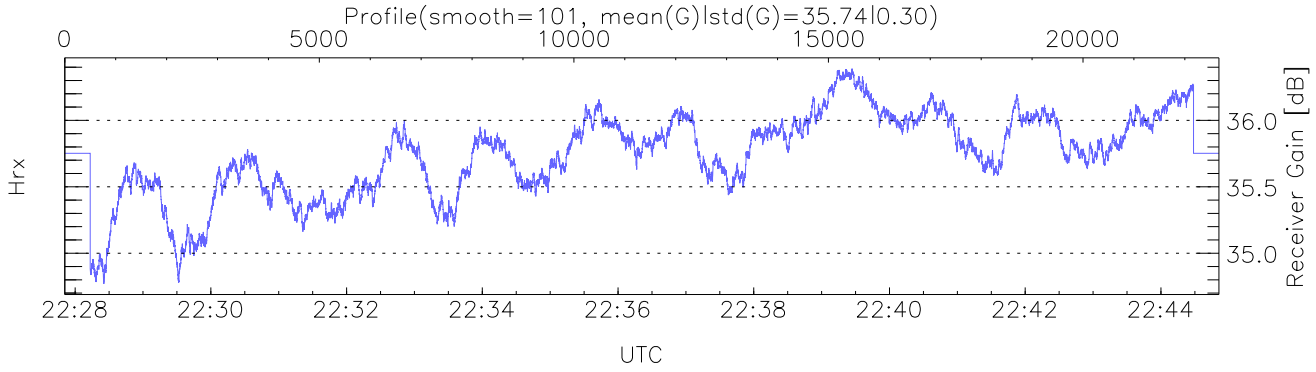
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,27,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,29,29
LOalarm(20,240,2817,14861 MHz): 0,0,66,0
EIK/Modulator Faults: None



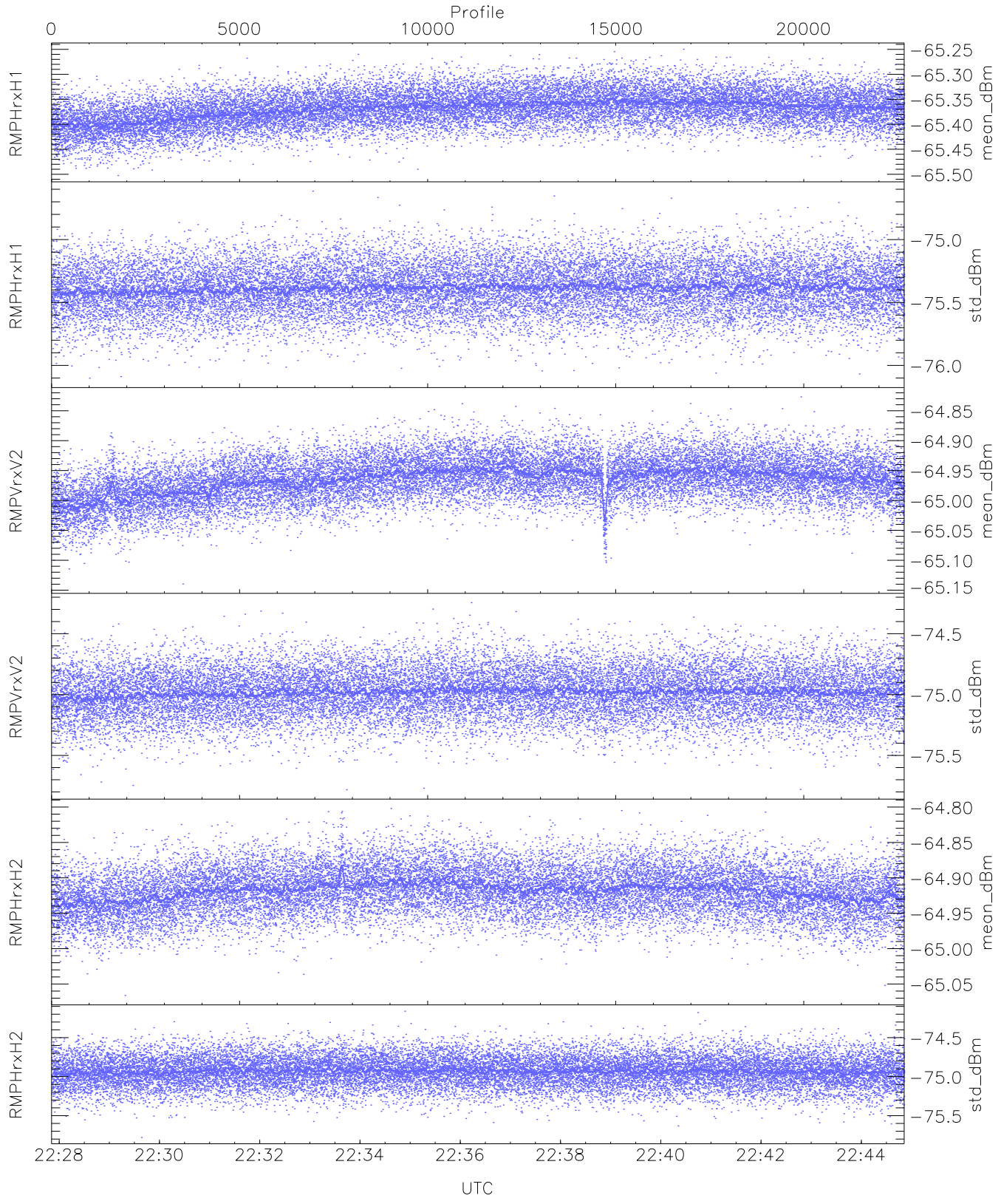






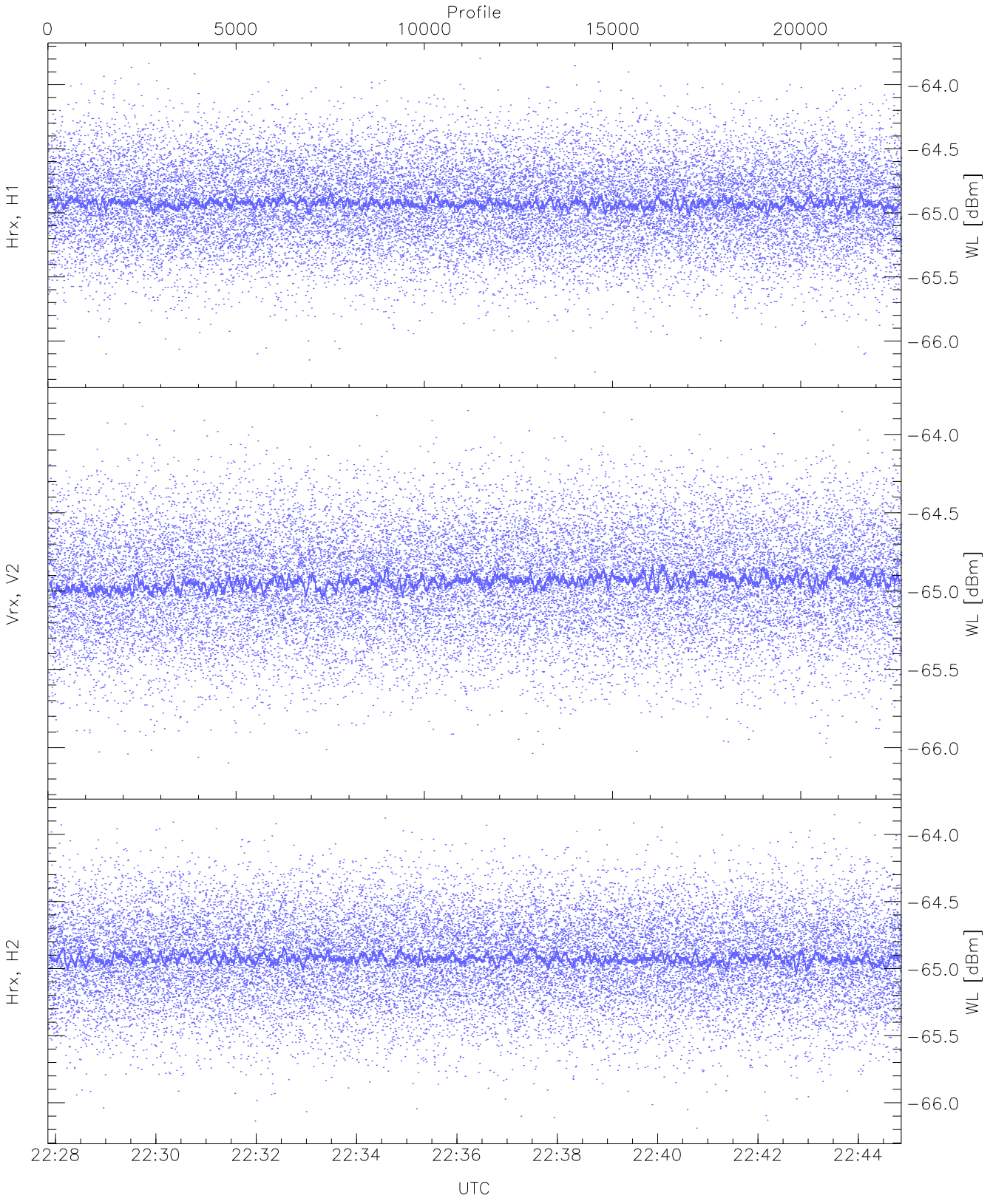
WCR3 CPP Receivers Gain and Noise Figure

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



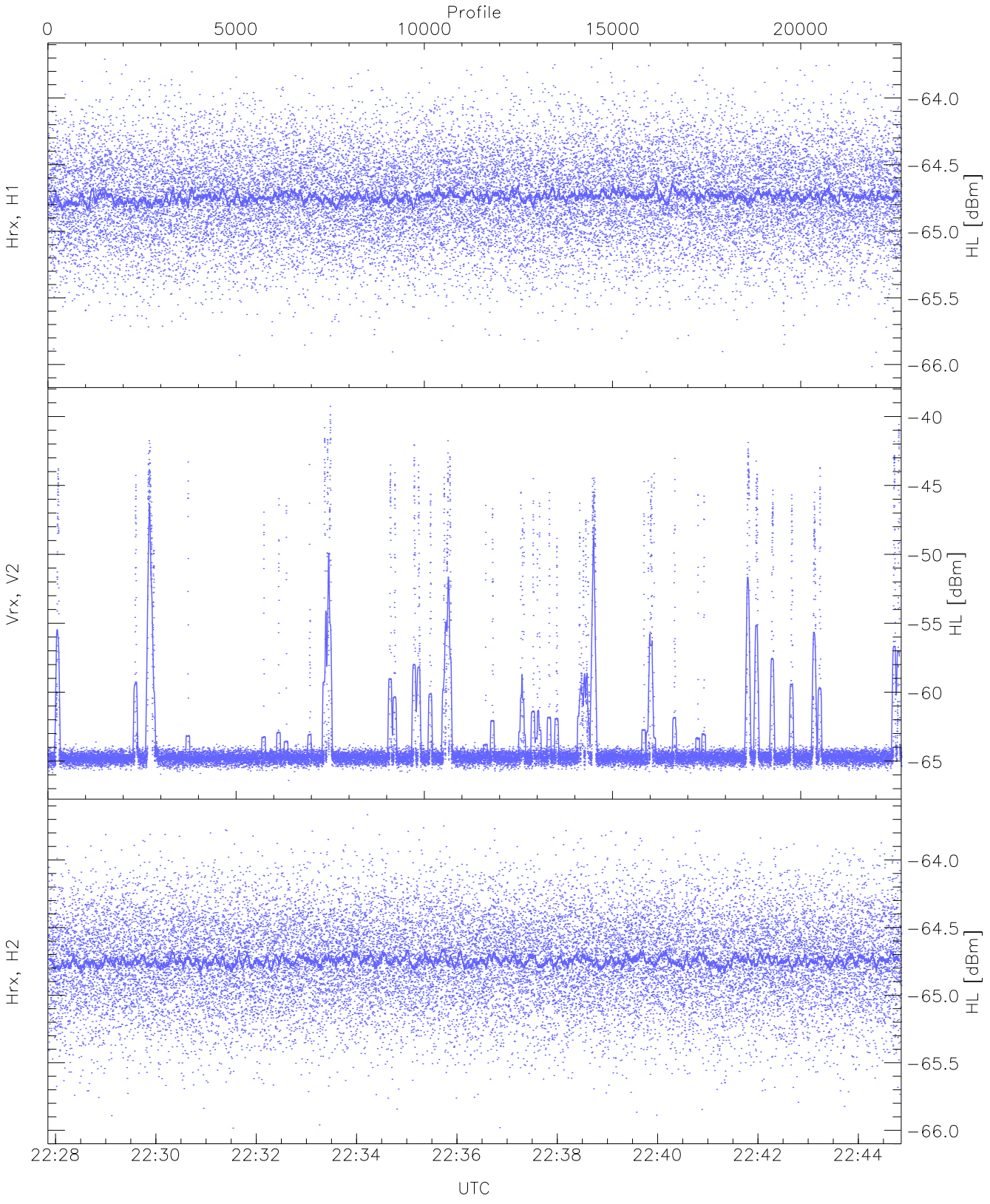
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.25	-65.37	-65.37	-86.51
RMPHrxH1(std_dBm)	-76.10	-74.62	-75.39	-75.39	-89.15
RMPVrxV2(mean_dBm)	-65.14	-64.83	-64.97	-64.96	-85.89
RMPVrxV2(std_dBm)	-75.78	-74.25	-74.98	-74.98	-88.72
RMPHrxH2(mean_dBm)	-65.07	-64.80	-64.92	-64.92	-86.36
RMPHrxH2(std_dBm)	-75.78	-74.16	-74.93	-74.93	-88.71



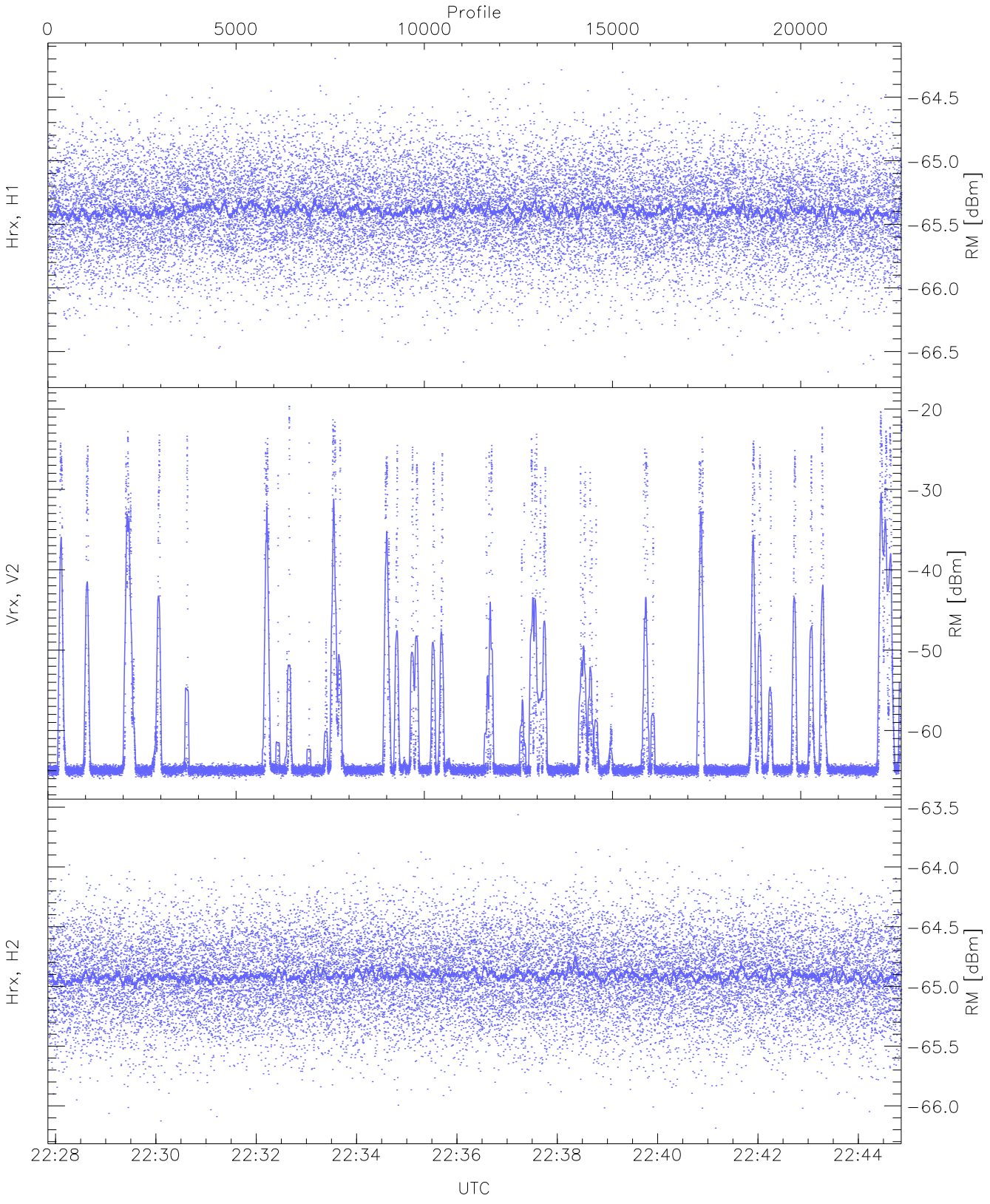
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.24	-63.80	-64.92	-64.93	-76.44
Vrx, V2(WL [dBm])	-66.21	-63.82	-64.93	-64.94	-76.42
Hrx, H2(WL [dBm])	-66.19	-63.85	-64.92	-64.92	-76.43



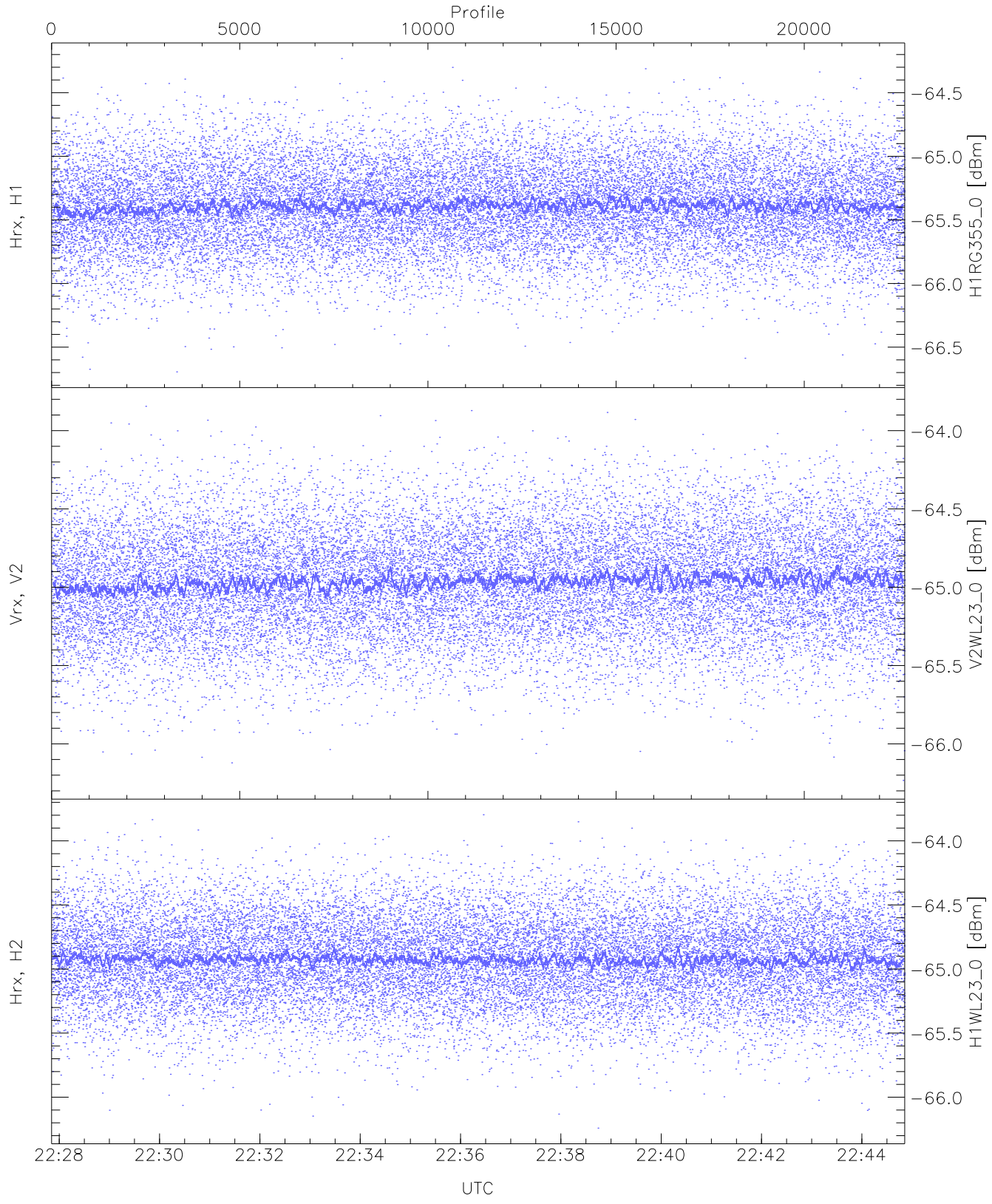
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.06	-63.70	-64.73	-64.74	-76.25
Vrx, V2(HL [dBm])	-66.40	-39.26	-58.21	-64.70	-52.23
Hrx, H2(HL [dBm])	-65.98	-63.67	-64.74	-64.75	-76.26



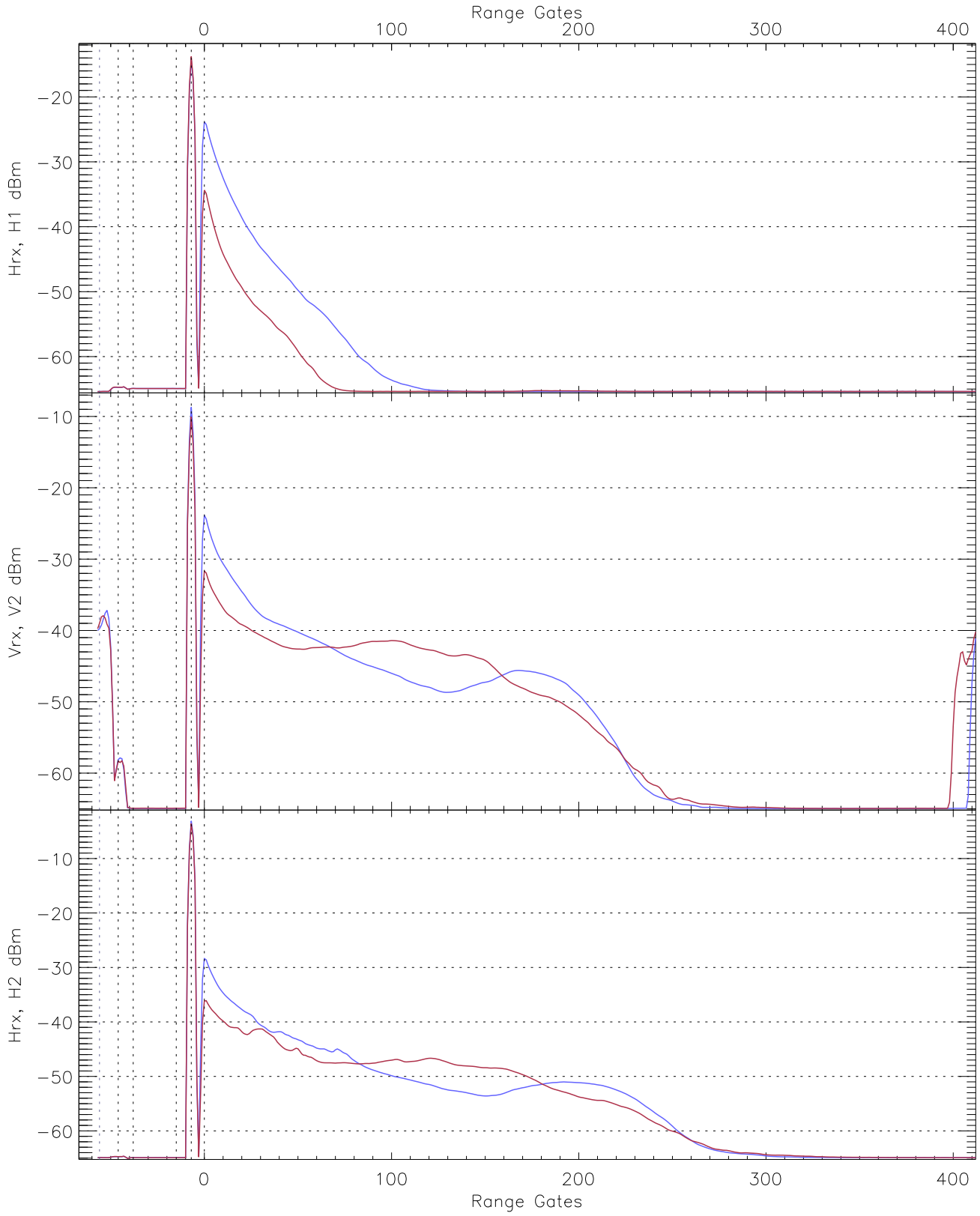
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.66	-64.20	-65.39	-65.39	-76.90
Vrx, V2(RM [dBm])	-66.21	-19.66	-39.36	-64.78	-32.44
Hrx, H2(RM [dBm])	-66.19	-63.56	-64.90	-64.91	-76.40

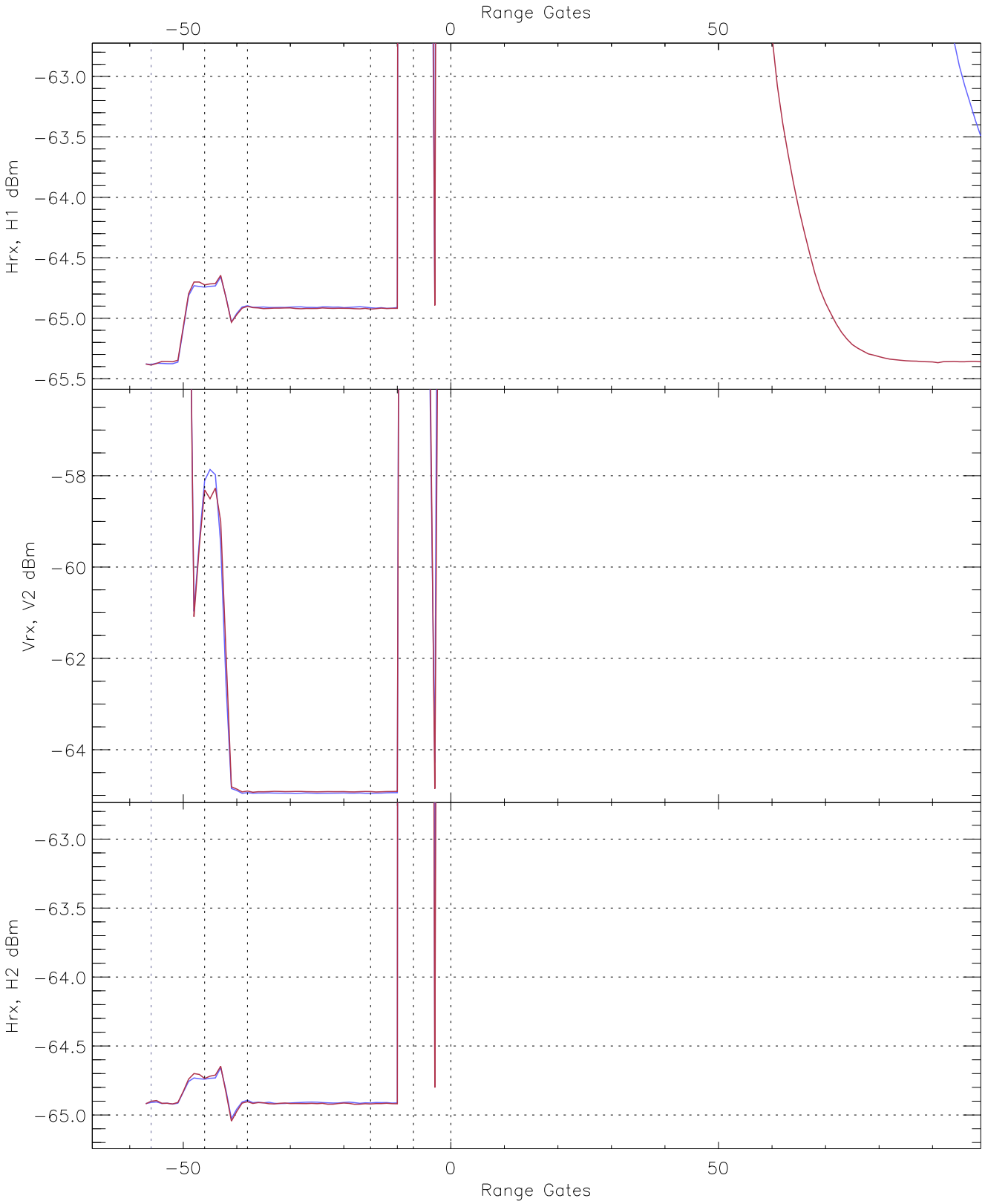


WCR3 CPP "Best" estimate Receivers Noise Power

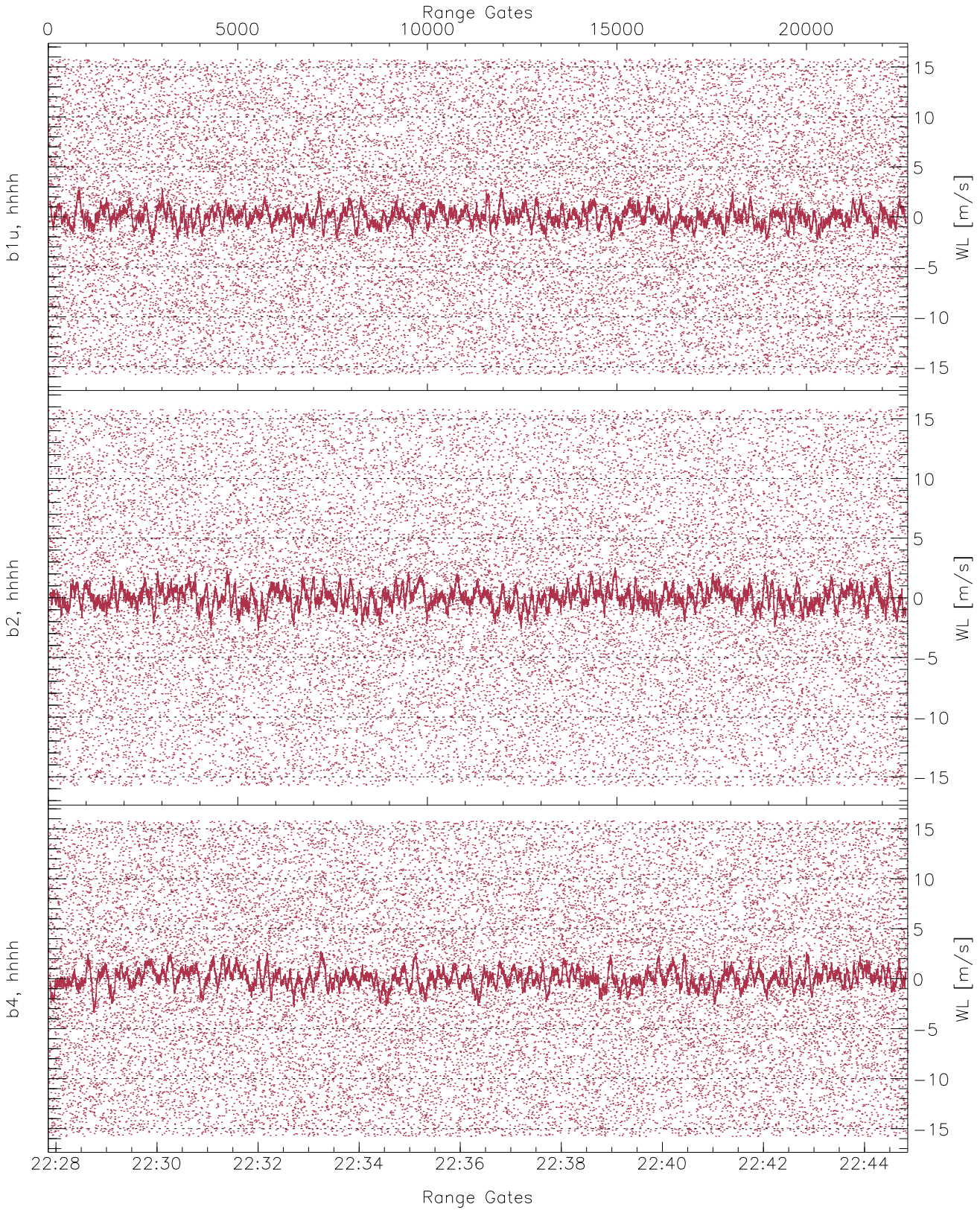
	Min	Max	Mean	Median	StDev
H1RG355_0 [dBm]	-66.69	-64.23	-65.39	-65.39	-76.89
V2WL23_0 [dBm]	-66.23	-63.84	-64.96	-64.97	-76.44
H1WL23_0 [dBm]	-66.24	-63.80	-64.92	-64.93	-76.44



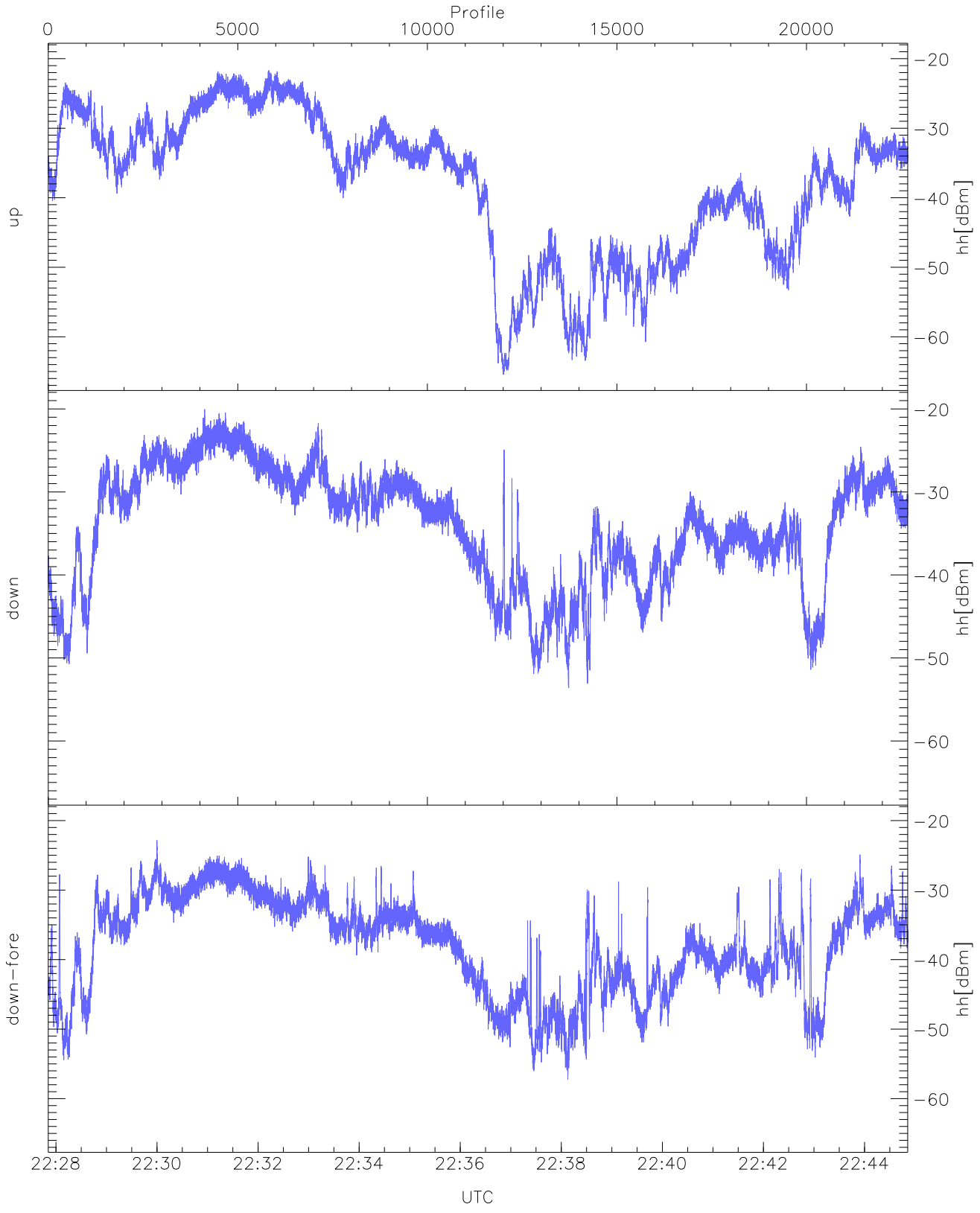
WCR3 CPP Averaged Received power for all recorded gates
blue: 222751-223621, 11337 profiles averaged
red: 223621-224451, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 222751-223621, 11337 profiles averaged
red: 223621-224451, 11336 profiles averaged

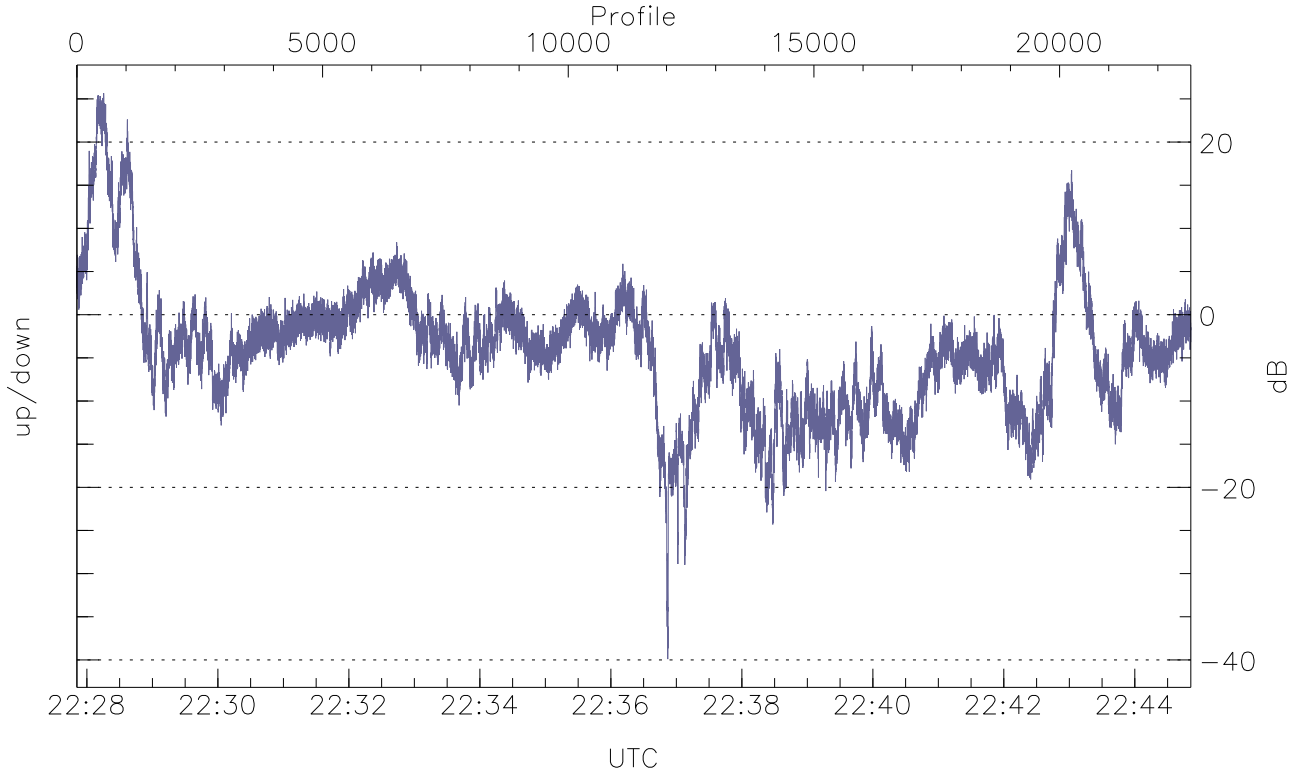


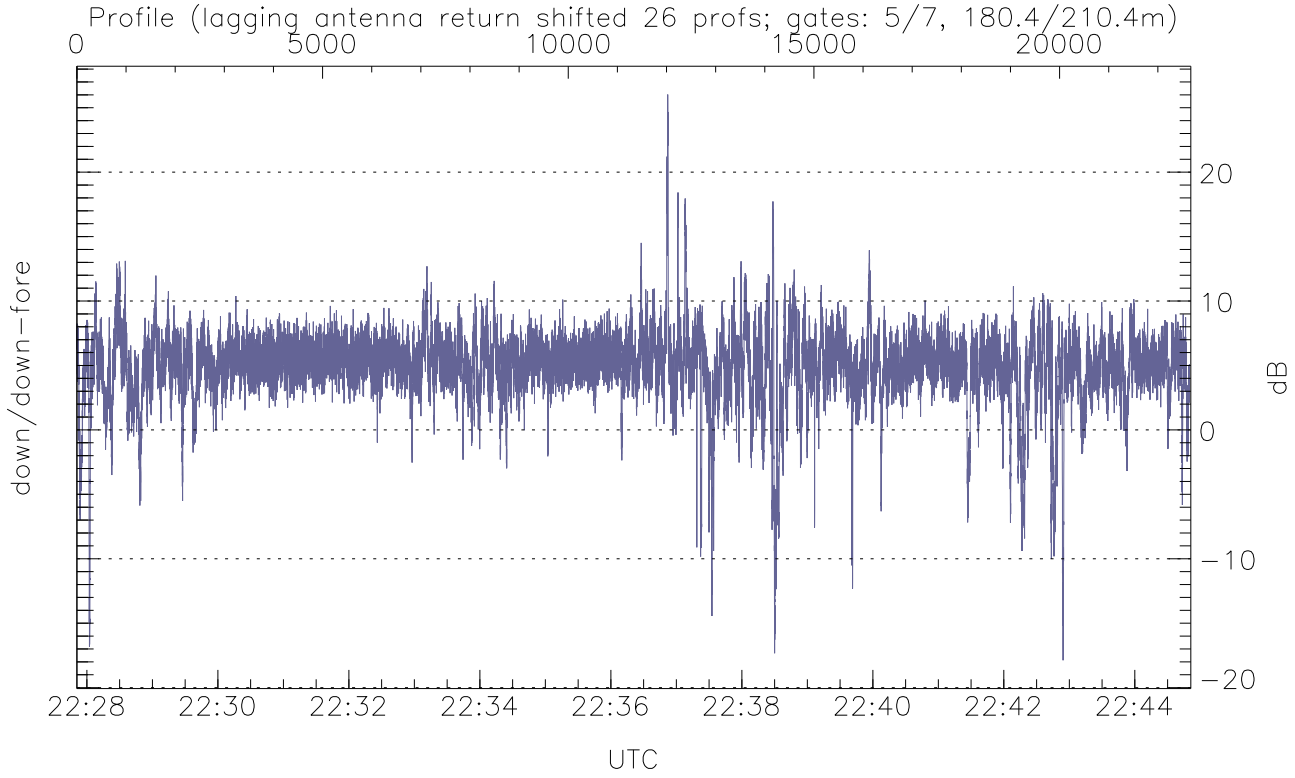
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

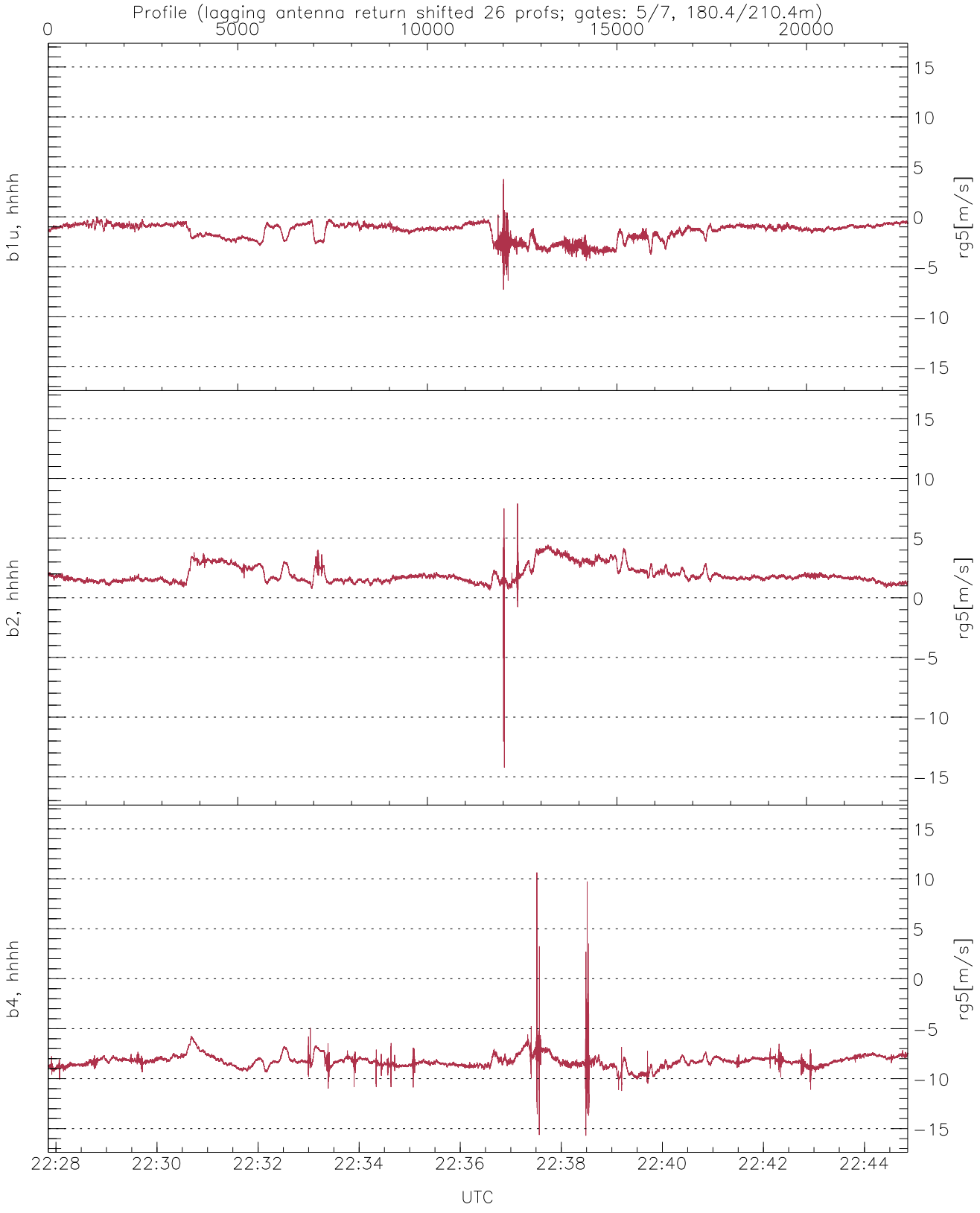
	Min	Max	Mean
up(hh[dBm])	-65.45	-21.68	-31.12
down(hh[dBm])	-53.59	-20.05	-30.08
down-fore(hh[dBm])	-57.23	-22.84	-33.97





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

	Min	Max	Mean
up/down(dB)	-39.90	25.65	-4.01
down/down-fore(dB)	-17.88	26.03	4.90



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-7.29	3.77	-1.45	0.82
b2, hhhh(rg5[m/s])	-14.23	7.89	1.95	0.74
b4, hhhh(rg5[m/s])	-15.70	10.63	-8.25	0.67