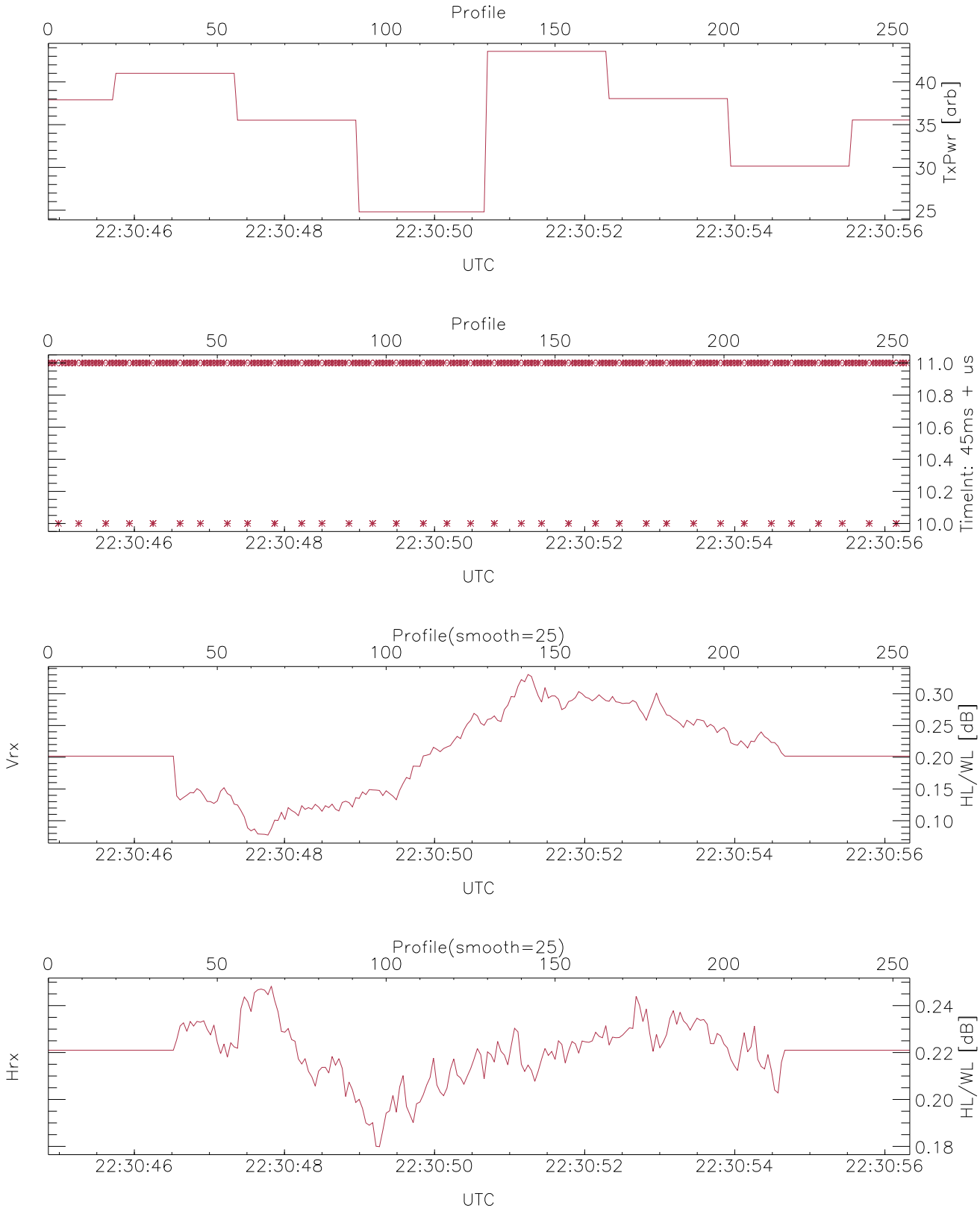
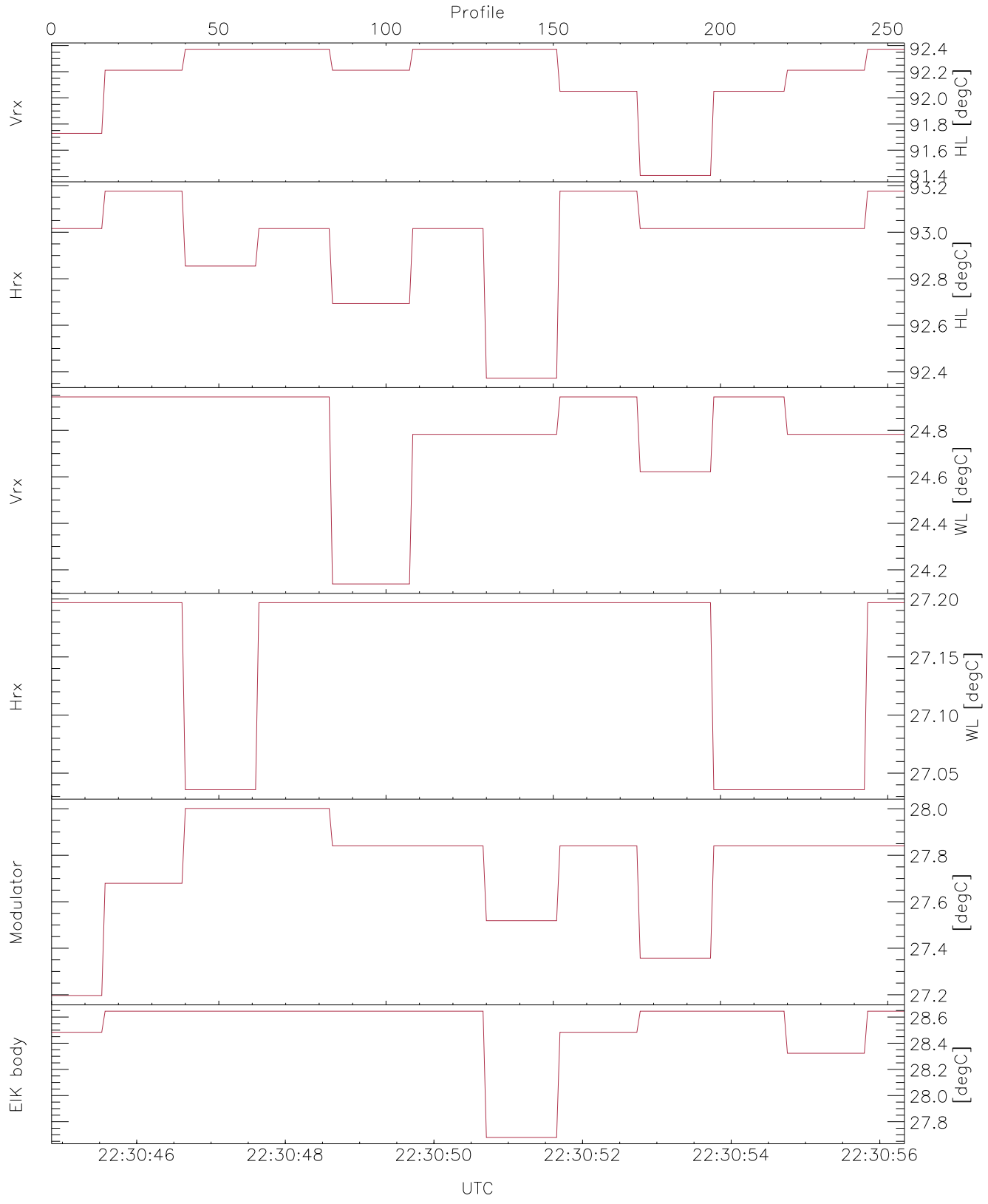


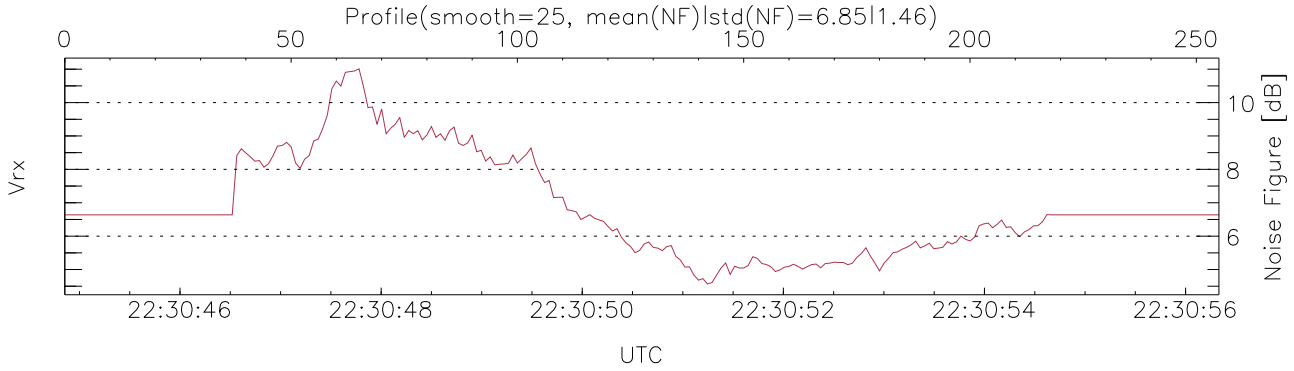
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

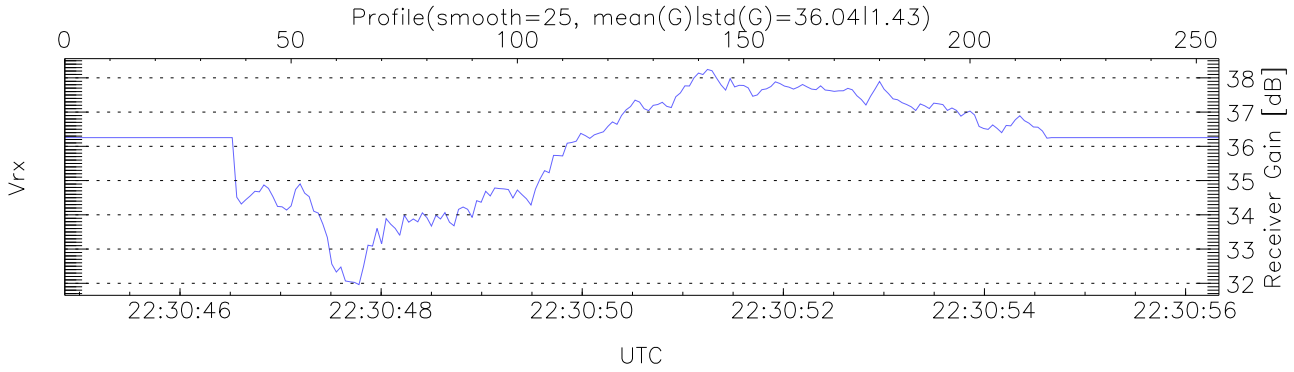
UTC: 22:30:45-22:30:56, TimeCor: 0.00s, Dur: 11.48s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 256/256, 0-255/22:30:45-22:30:56
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 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

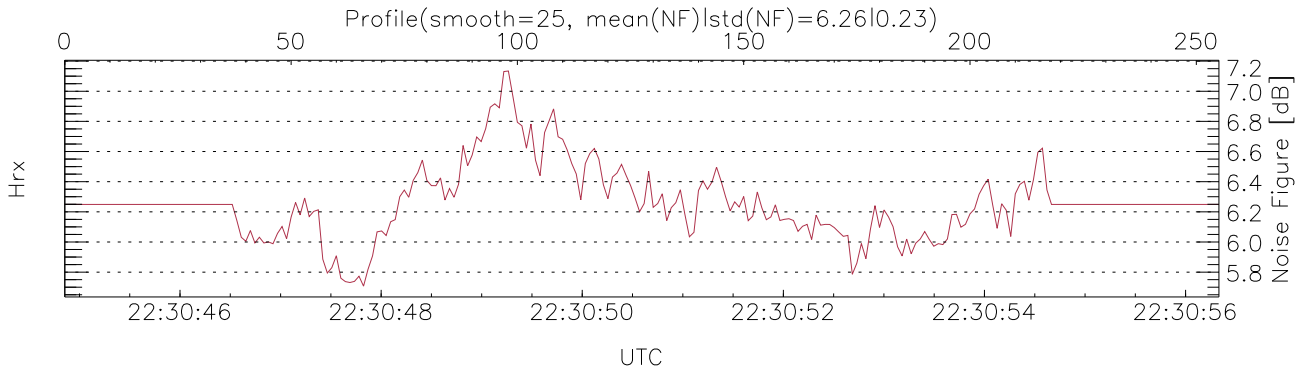


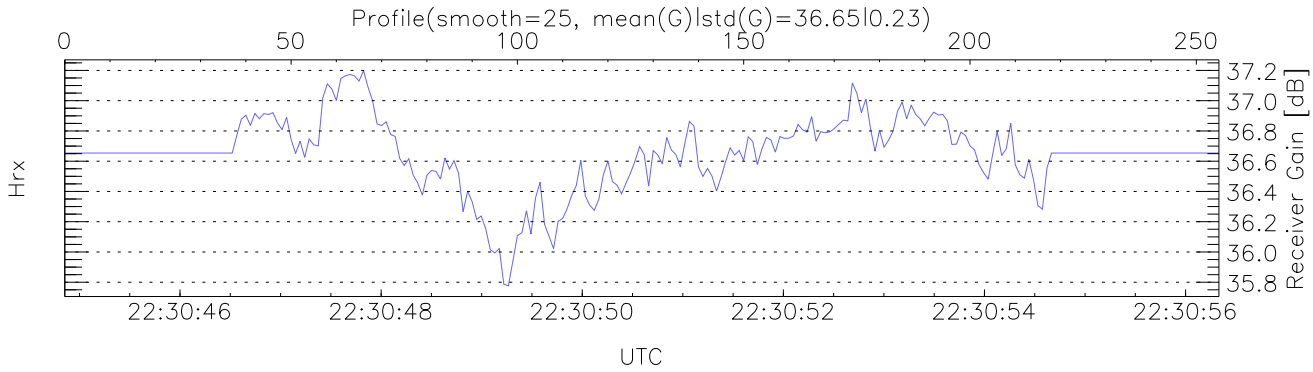
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



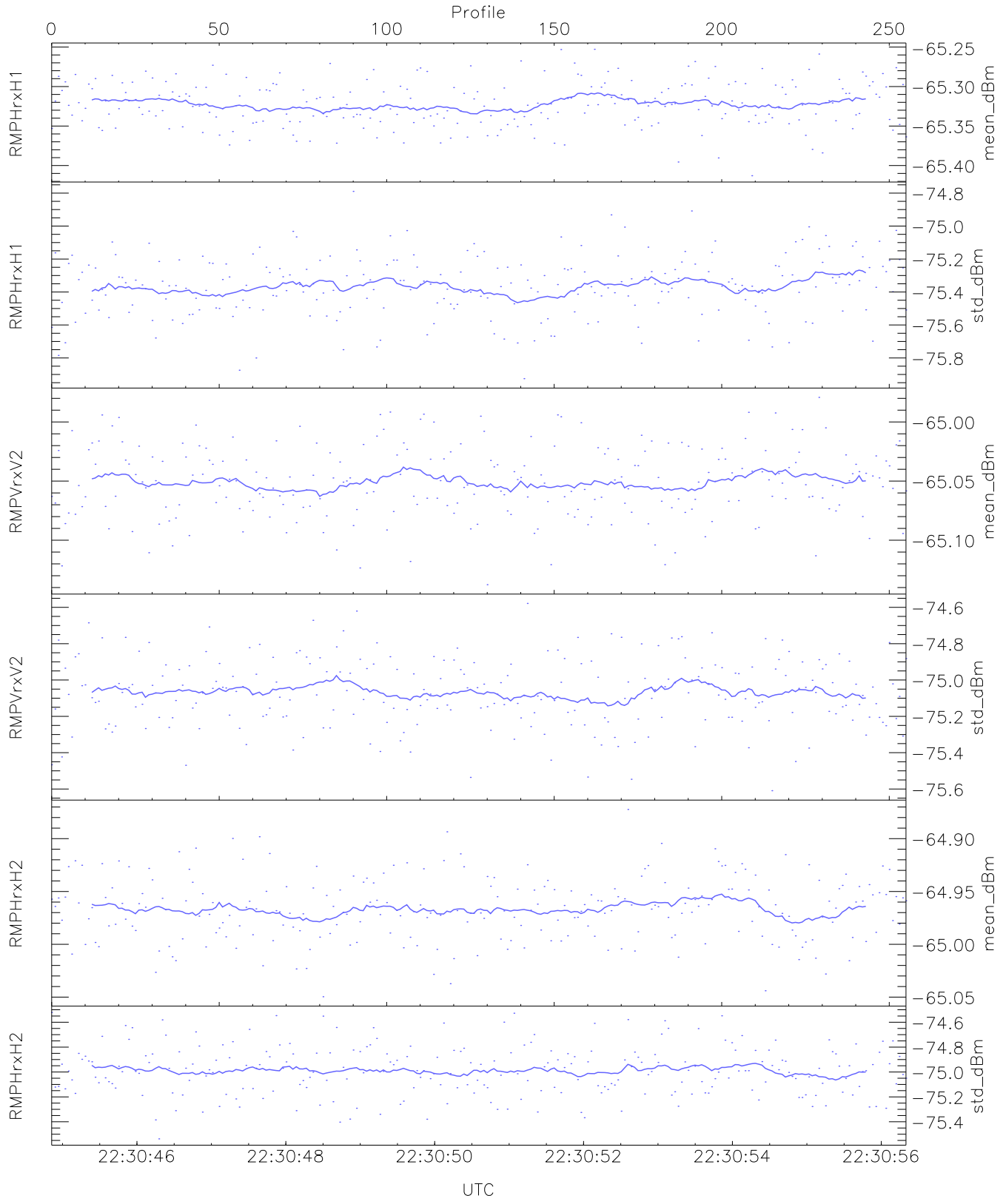






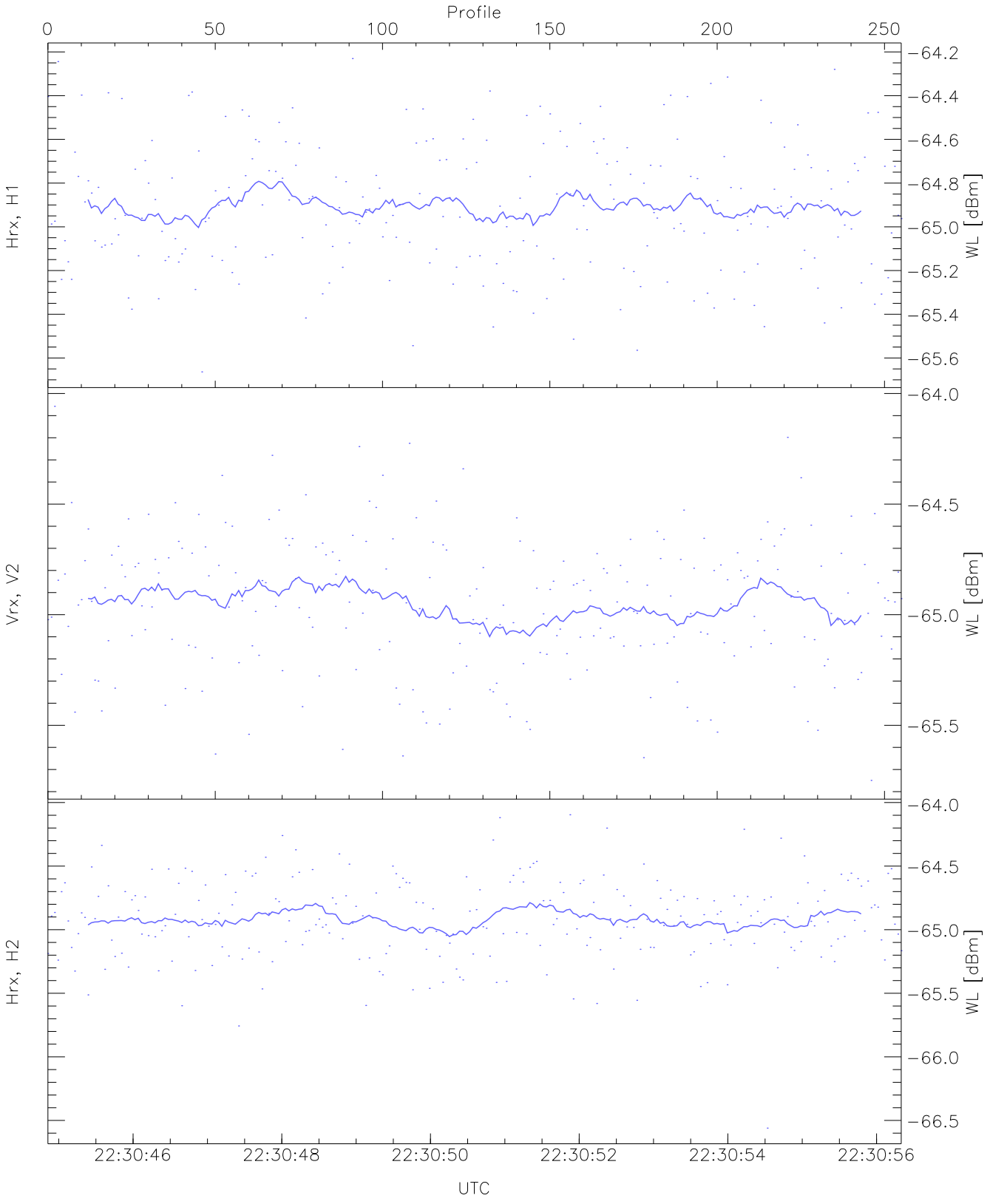
WCR3 CPP Receivers Gain and Noise Figure

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



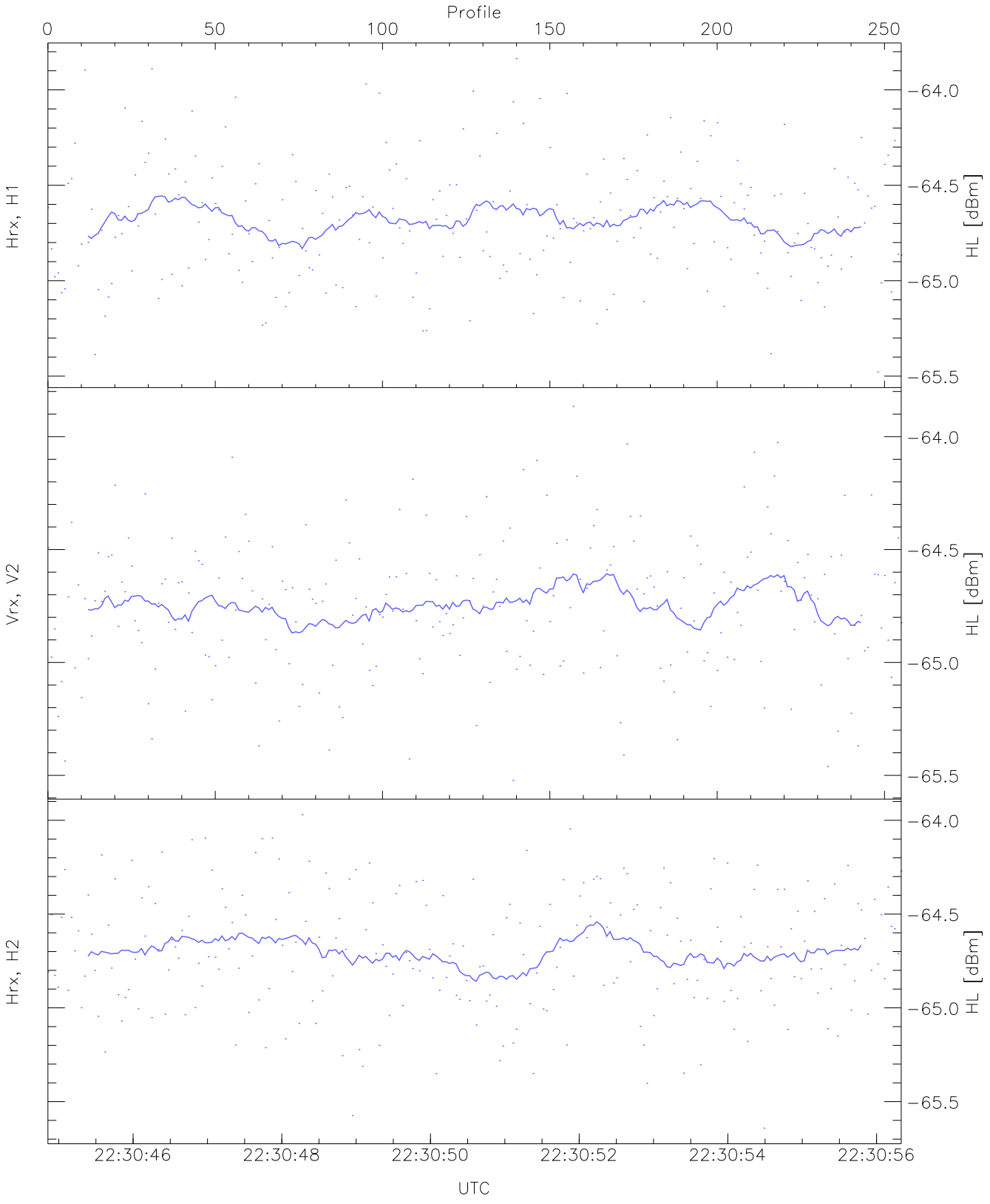
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.25	-65.32	-65.32	-87.17
RMPHrxH1(std_dBm)	-75.93	-74.79	-75.36	-75.36	-89.15
RMPVrxV2(mean_dBm)	-65.14	-64.98	-65.05	-65.05	-86.67
RMPVrxV2(std_dBm)	-75.61	-74.58	-75.07	-75.07	-88.71
RMPHrxH2(mean_dBm)	-65.05	-64.87	-64.97	-64.97	-86.61
RMPHrxH2(std_dBm)	-75.54	-74.52	-74.98	-74.99	-88.43



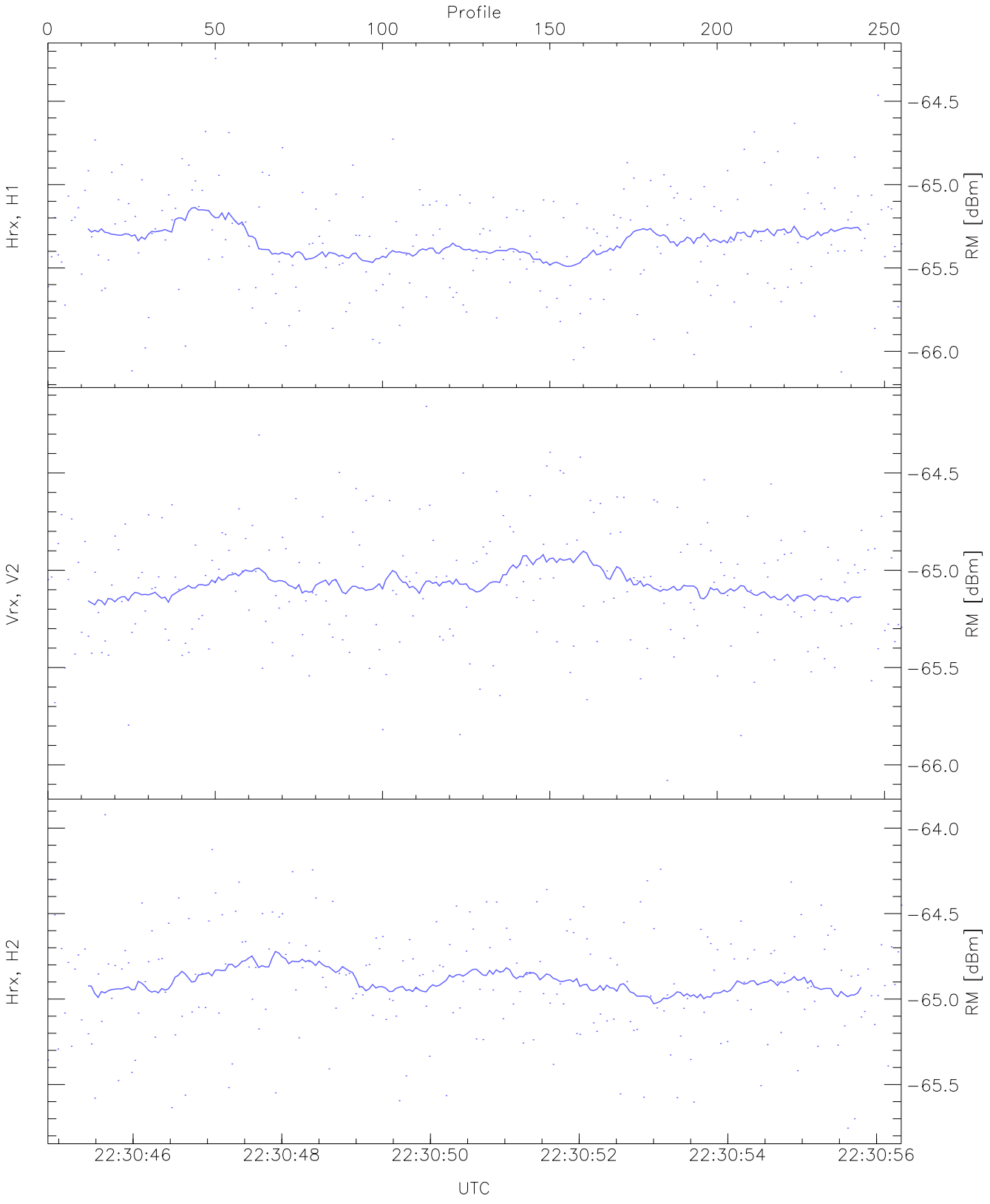
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.66	-64.23	-64.90	-64.91	-76.65
Vrx, V2(WL [dBm])	-65.75	-64.06	-64.94	-64.94	-76.50
Hrx, H2(WL [dBm])	-66.56	-64.10	-64.91	-64.92	-76.34



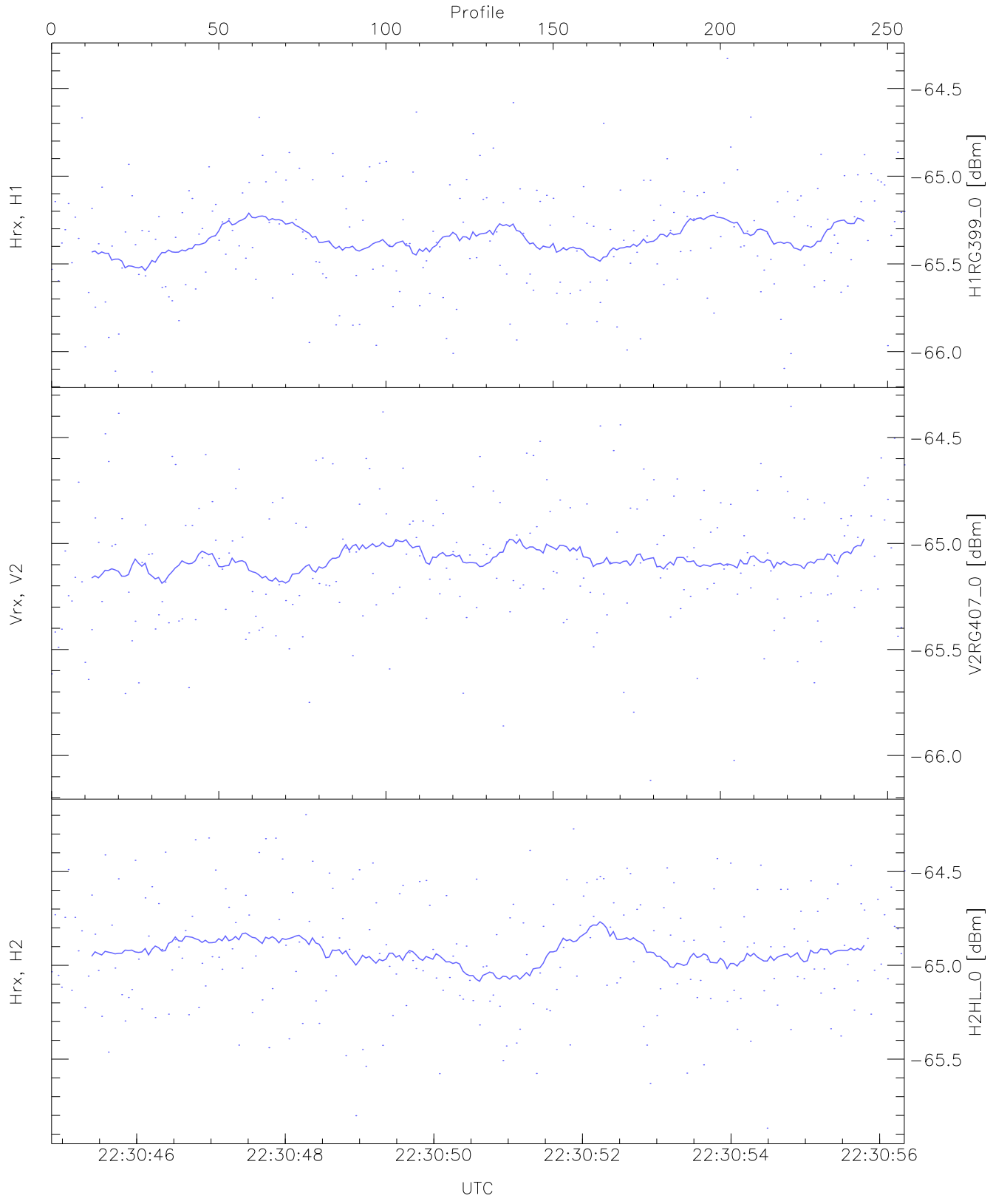
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.48	-63.84	-64.68	-64.70	-76.12
Vrx, V2(HL [dBm])	-65.52	-63.87	-64.74	-64.73	-76.33
Hrx, H2(HL [dBm])	-65.64	-63.97	-64.69	-64.69	-76.13



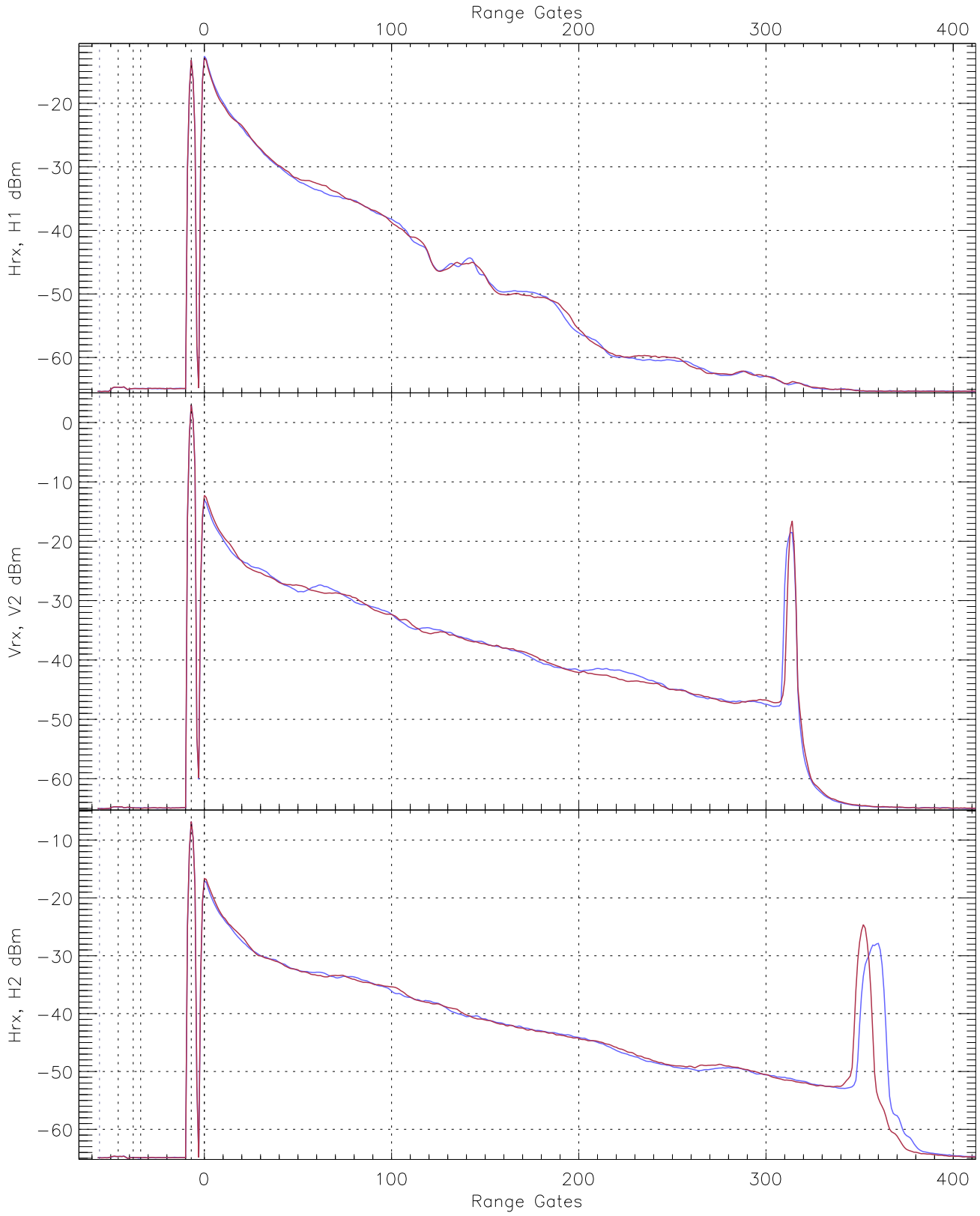
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.12	-64.24	-65.33	-65.32	-76.70
Vrx, V2(RM [dBm])	-66.08	-64.16	-65.07	-65.05	-76.59
Hrx, H2(RM [dBm])	-65.75	-63.92	-64.89	-64.87	-76.22

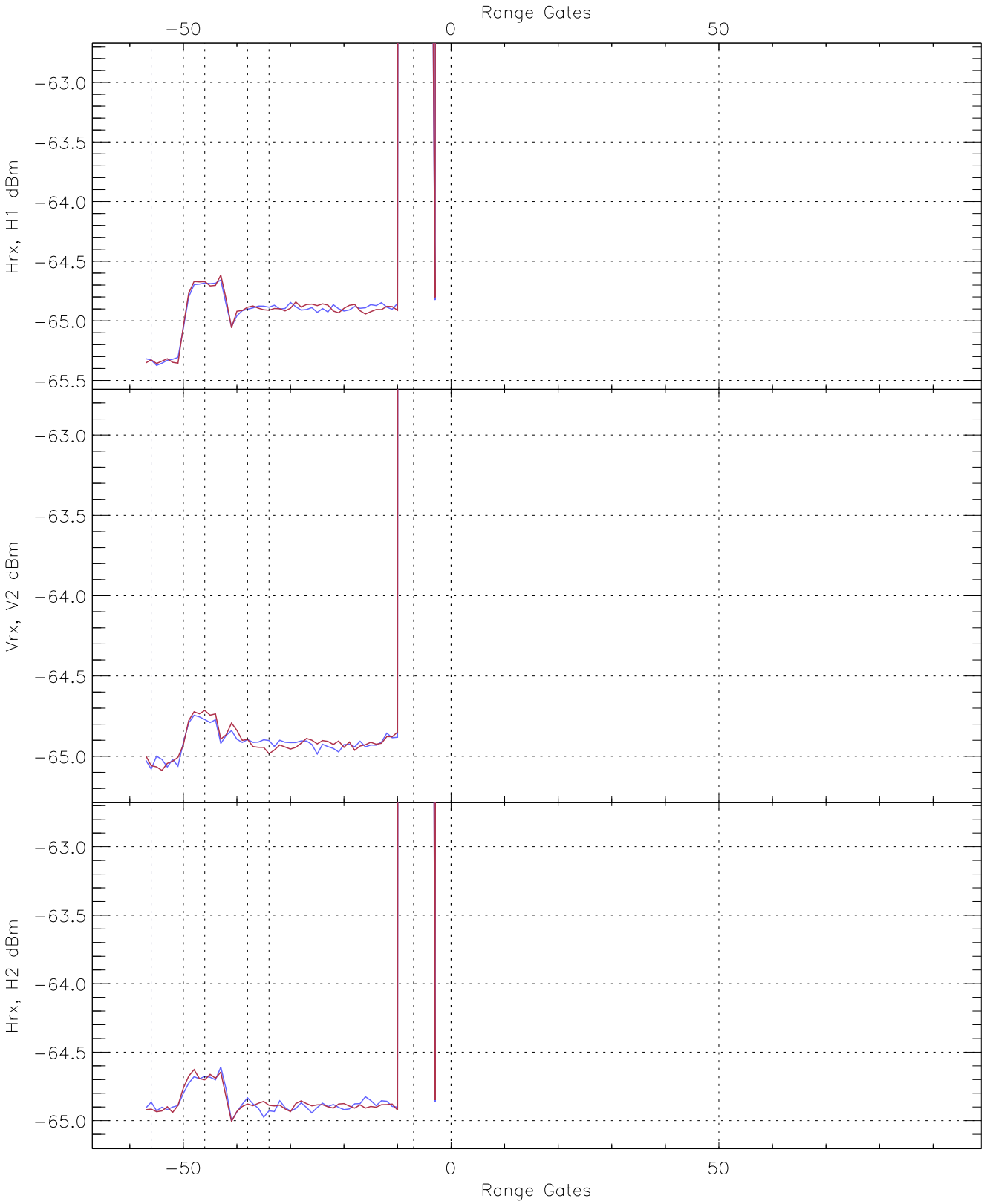


WCR3 CPP "Best" estimate Receivers Noise Power

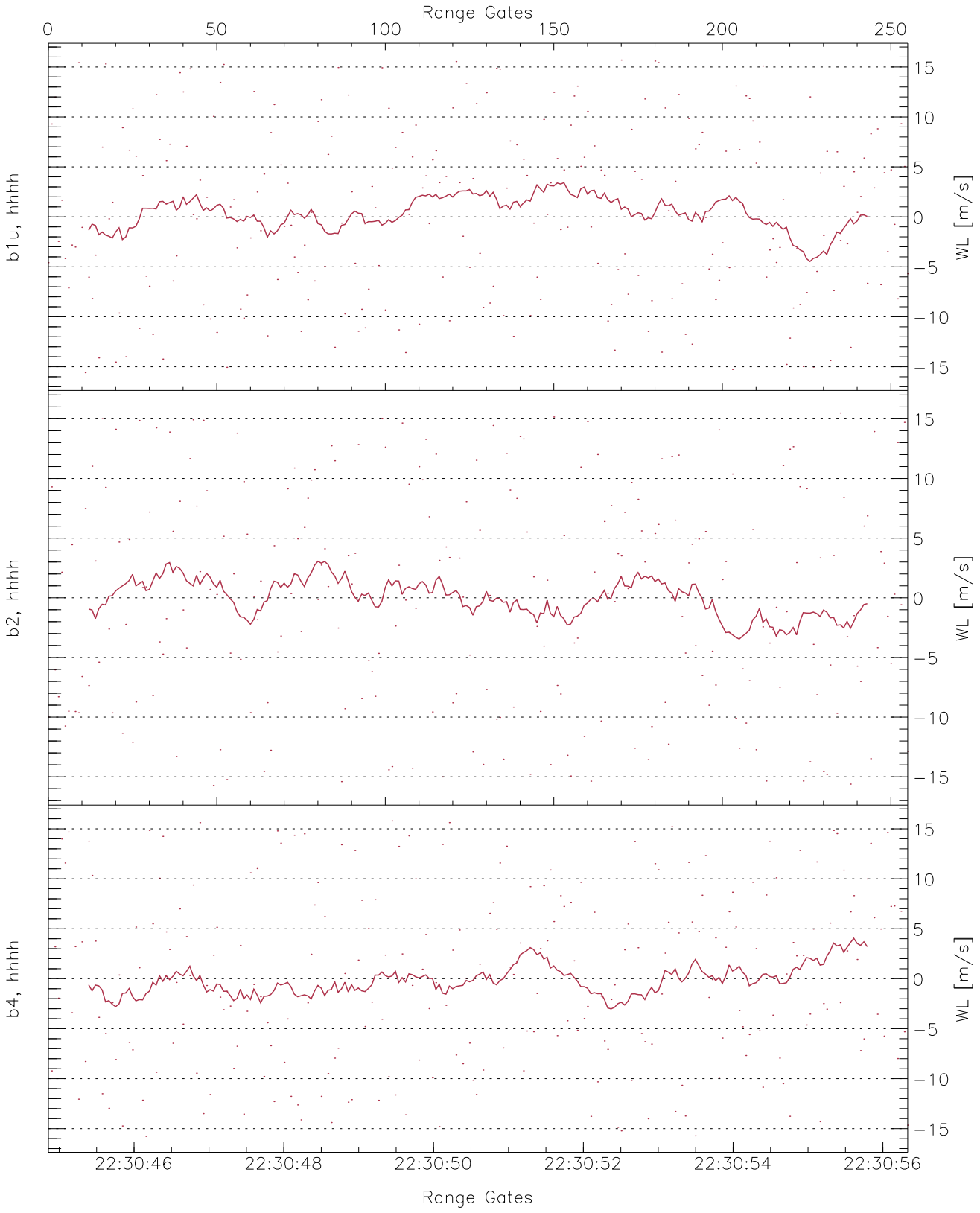
	Min	Max	Mean	Median	StDev
H1RG399_0 [dBm]	-66.12	-64.33	-65.34	-65.34	-76.75
V2RG407_0 [dBm]	-66.12	-64.35	-65.07	-65.07	-76.56
H2HL_0 [dBm]	-65.87	-64.20	-64.91	-64.92	-76.36



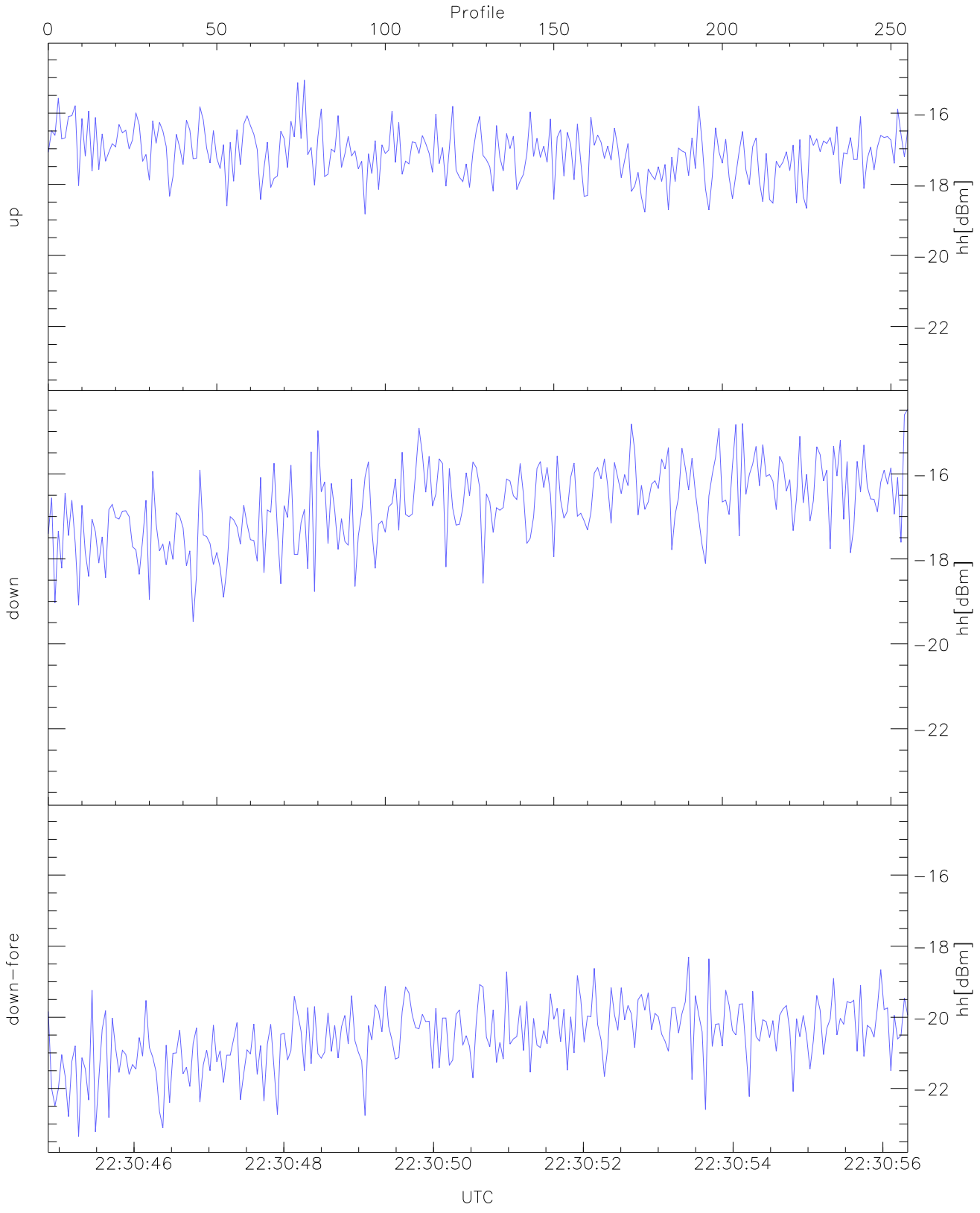
WCR3 CPP Averaged Received power for all recorded gates
blue: 223045-223051, 129 profiles averaged
red: 223051-223056, 128 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 223045-223051, 129 profiles averaged
red: 223051-223056, 128 profiles averaged

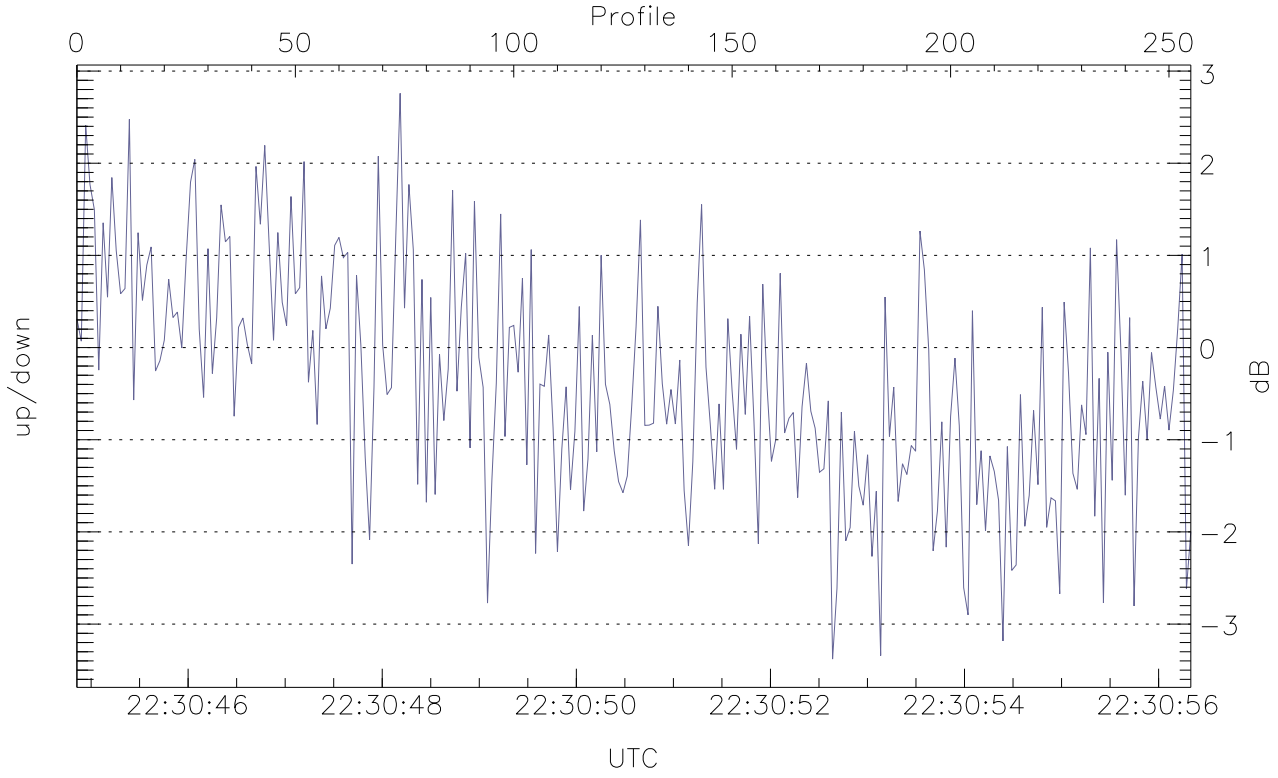


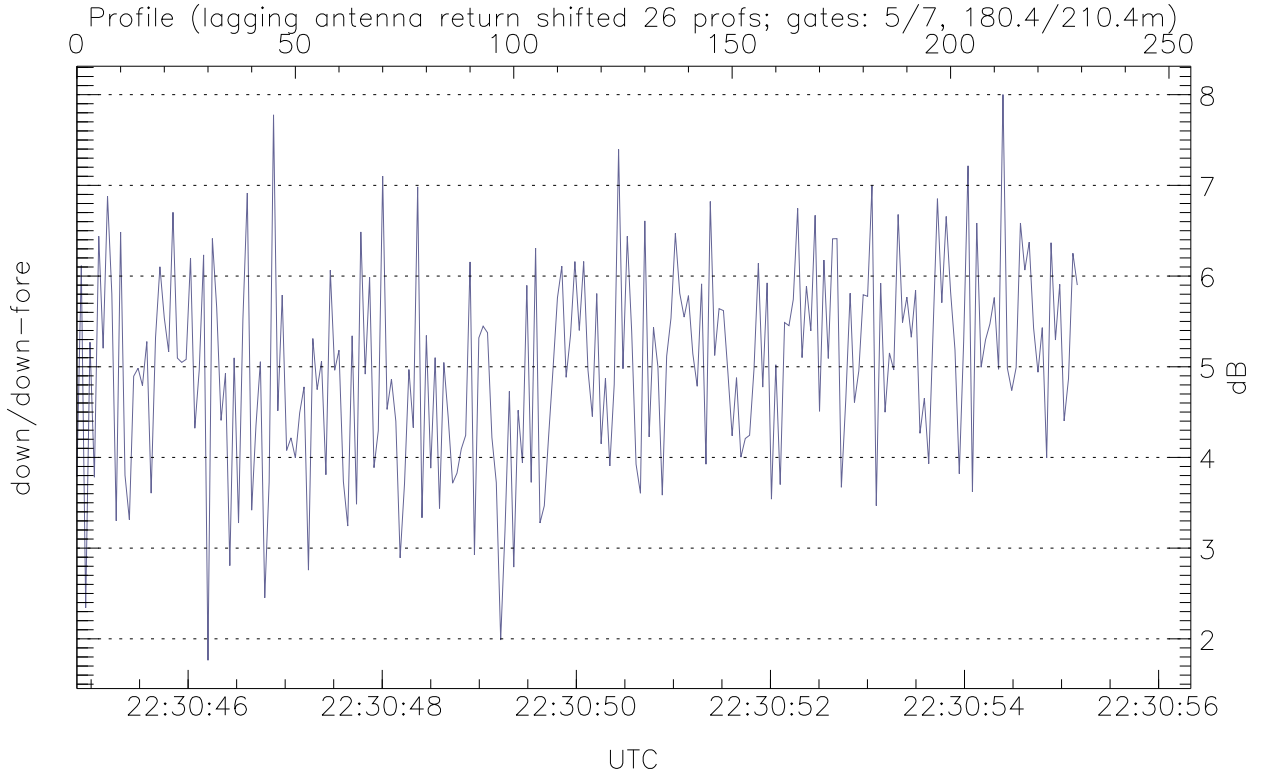
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

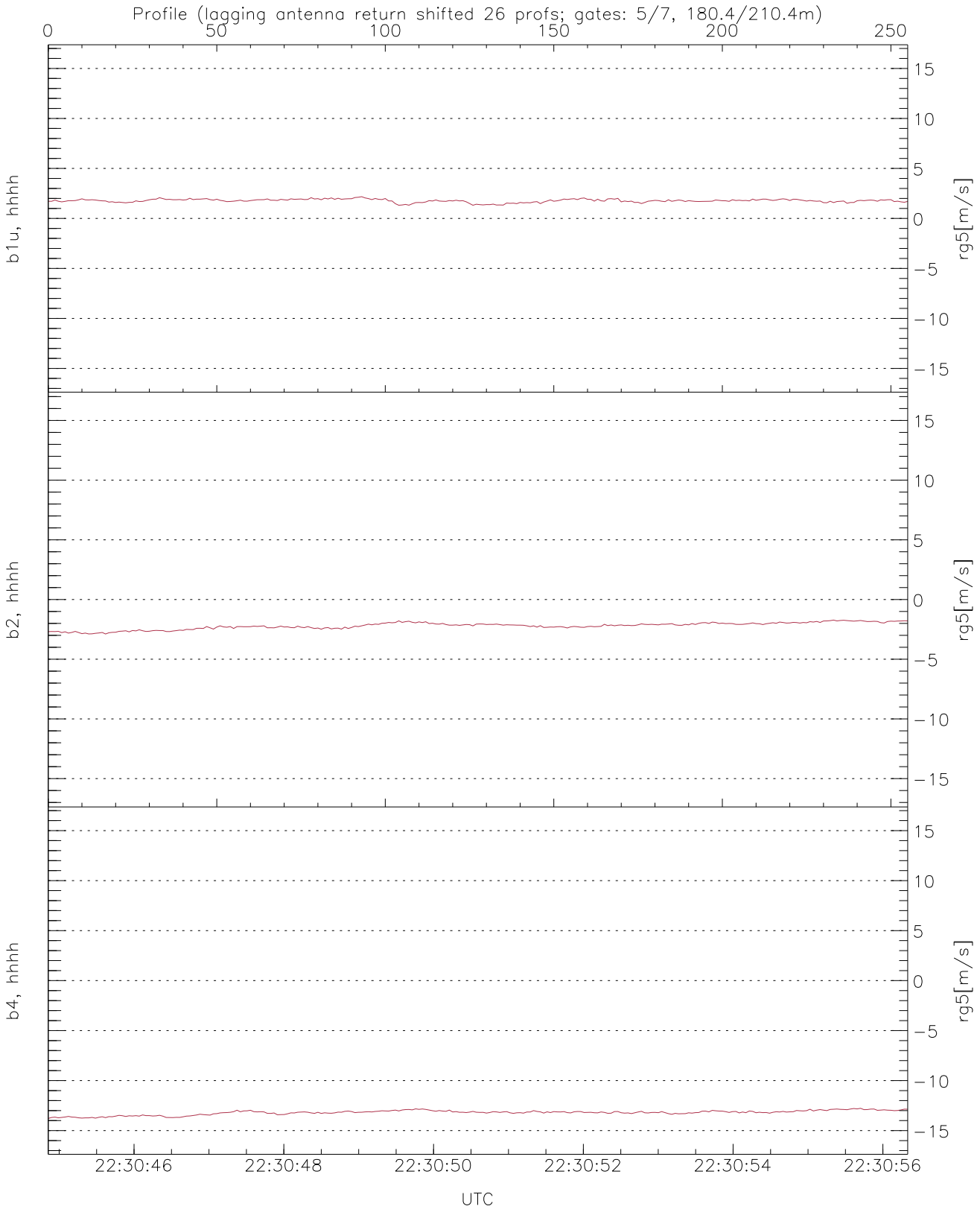
	Min	Max	Mean
up(hh[dBm])	-18.84	-15.07	-17.06
down(hh[dBm])	-19.48	-14.48	-16.64
down-fore(hh[dBm])	-23.35	-18.30	-20.45





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

	Min	Max	Mean
up/down(dB)	-3.38	2.76	-0.38
down/down-fore(dB)	1.76	8.00	5.01



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.32	2.17	1.77	0.17
b2, hhhh(rg5[m/s])	-2.89	-1.72	-2.20	0.28
b4, hhhh(rg5[m/s])	-13.79	-12.77	-13.20	0.23