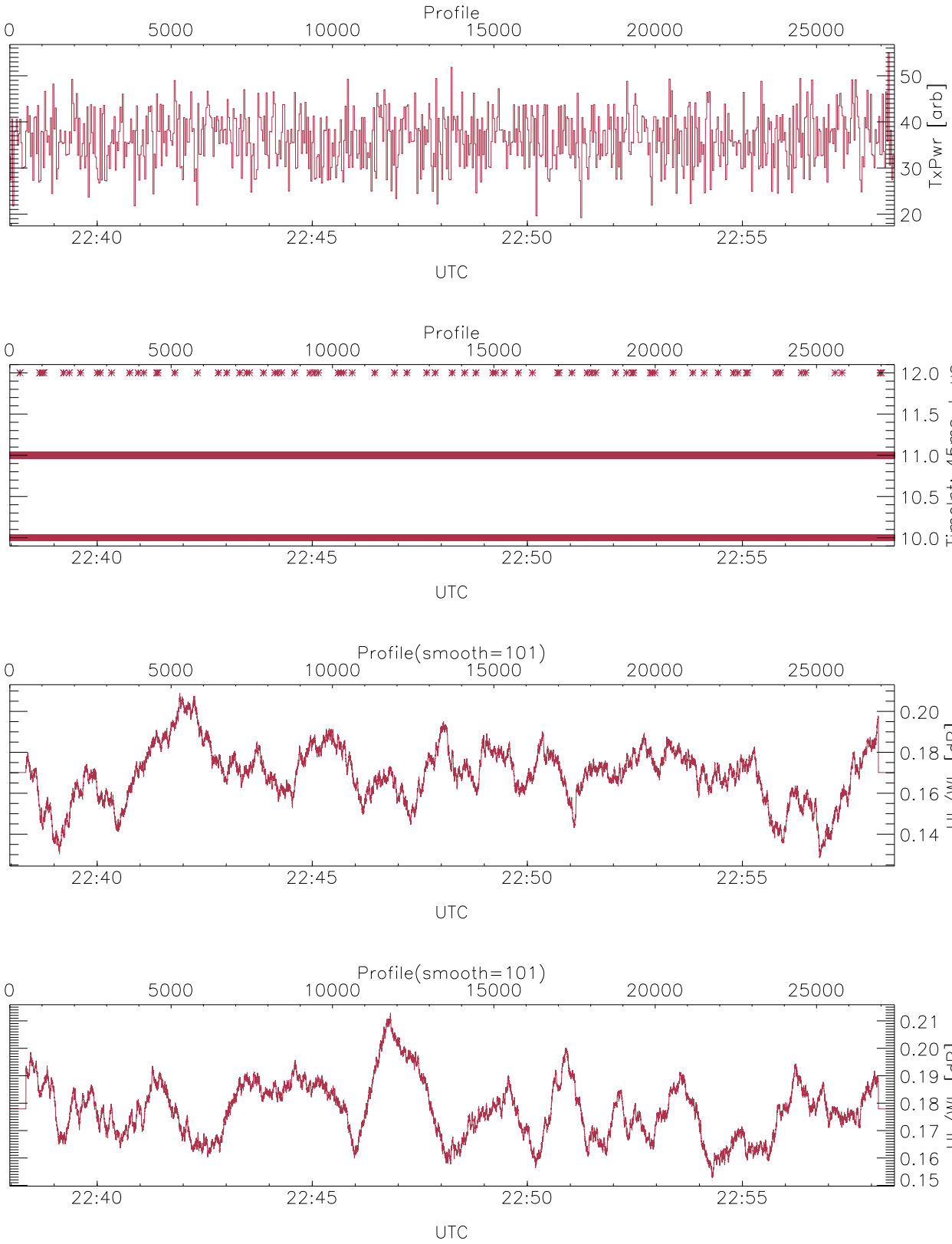
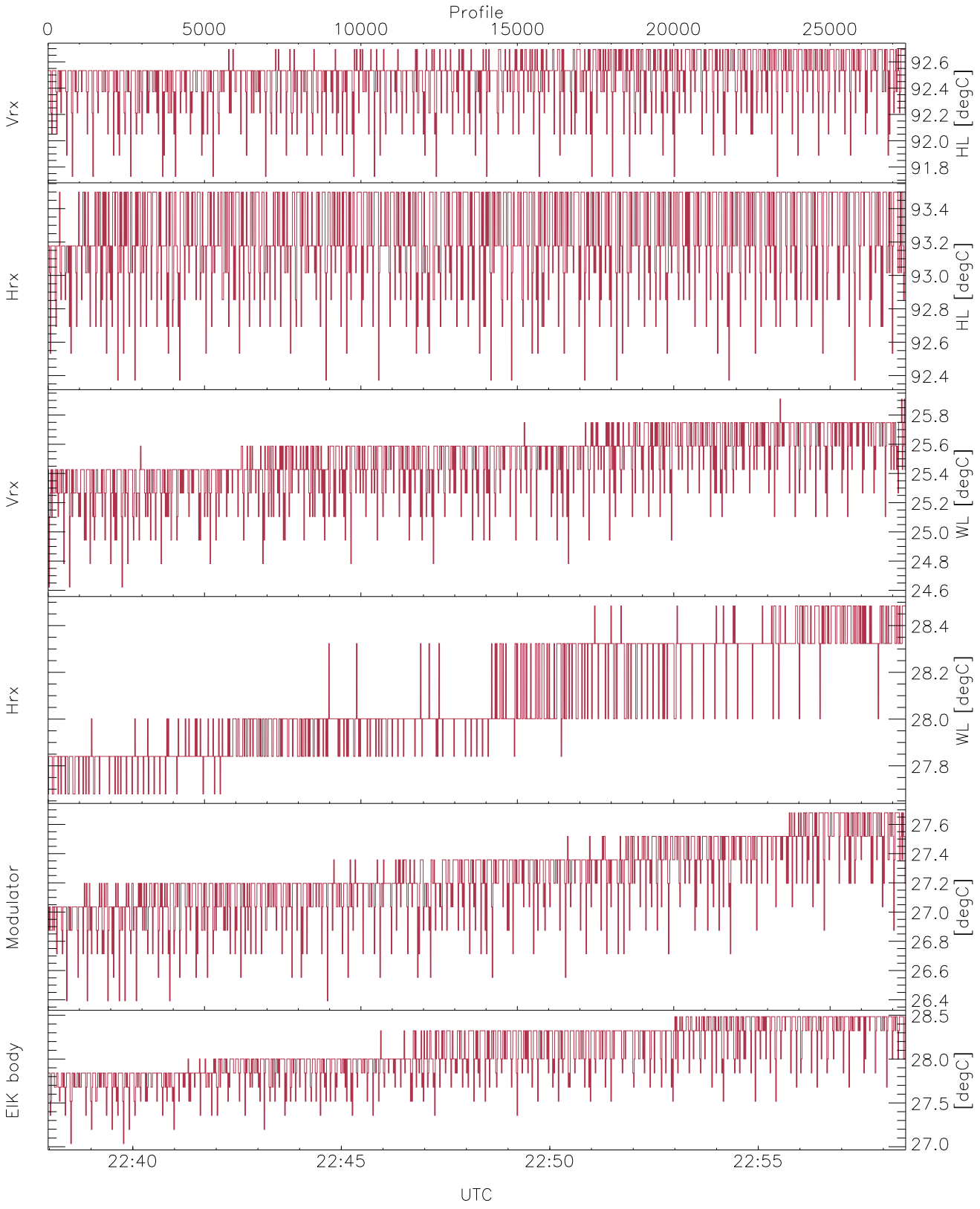


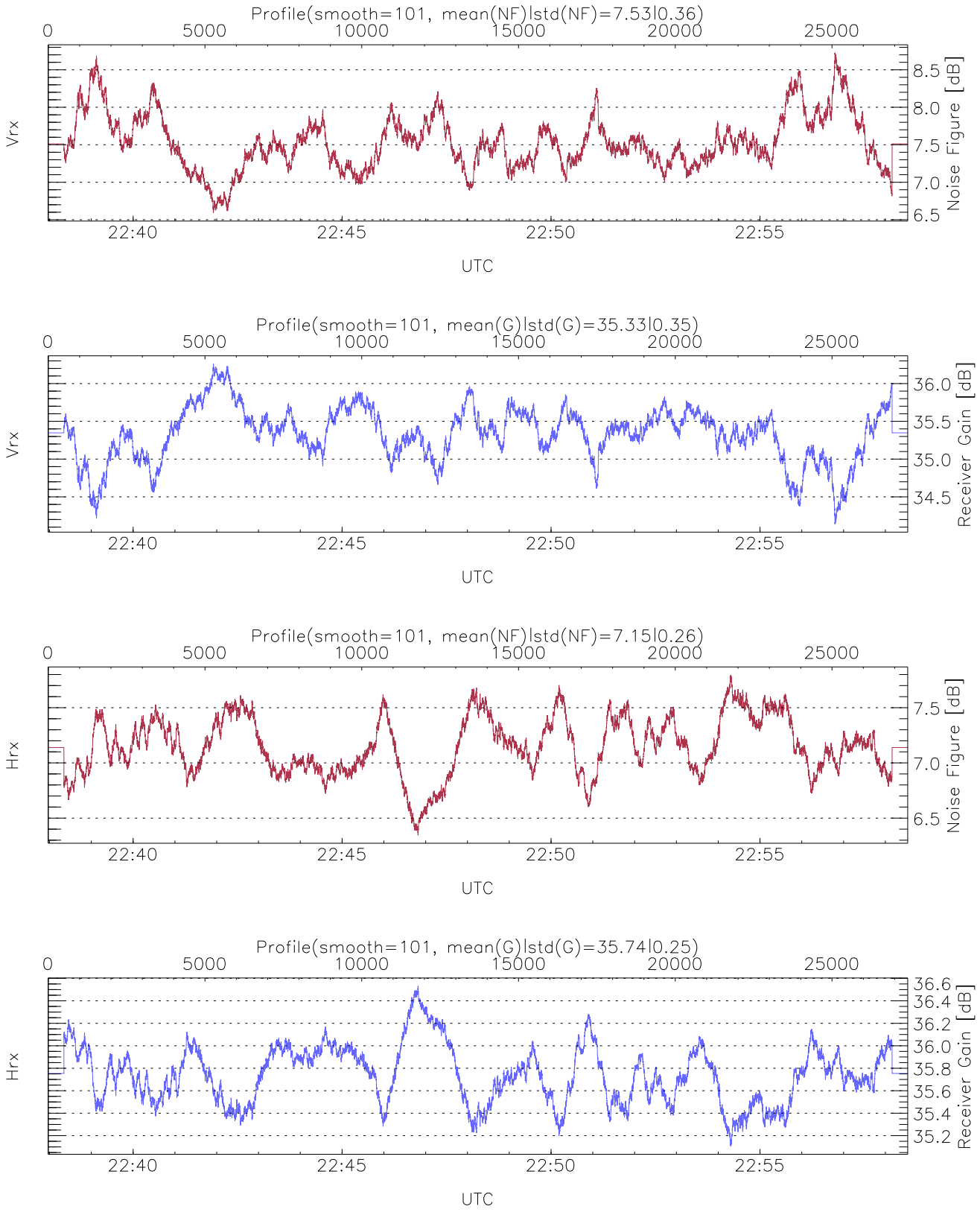
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:37:58-22:58:32, TimeCor: 0.00s, Dur: 1233.98s
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): 27416/27416, 0-27415/22:37:58-22:58:32
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



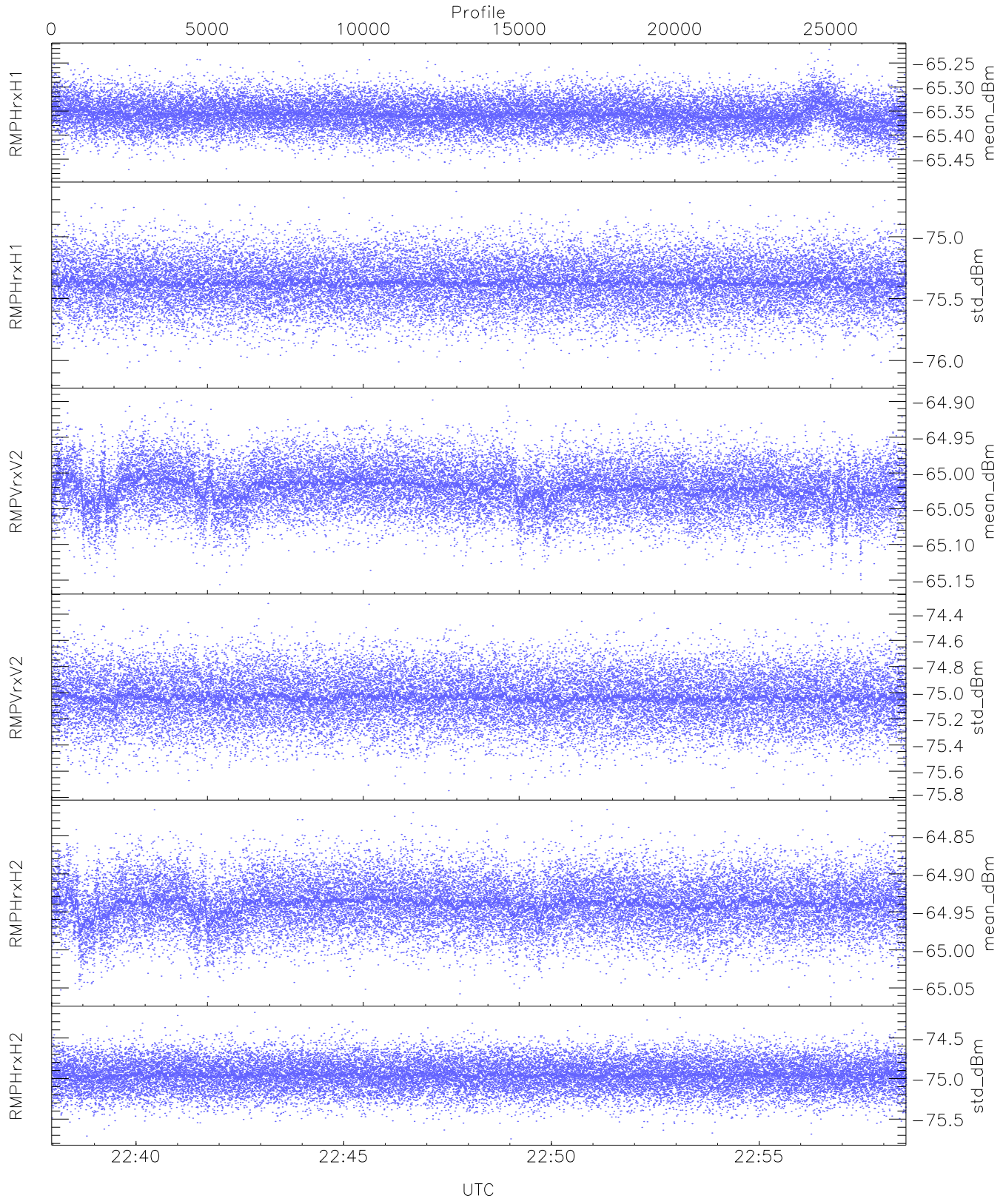
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,26,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,27,28
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty (46,46,46)



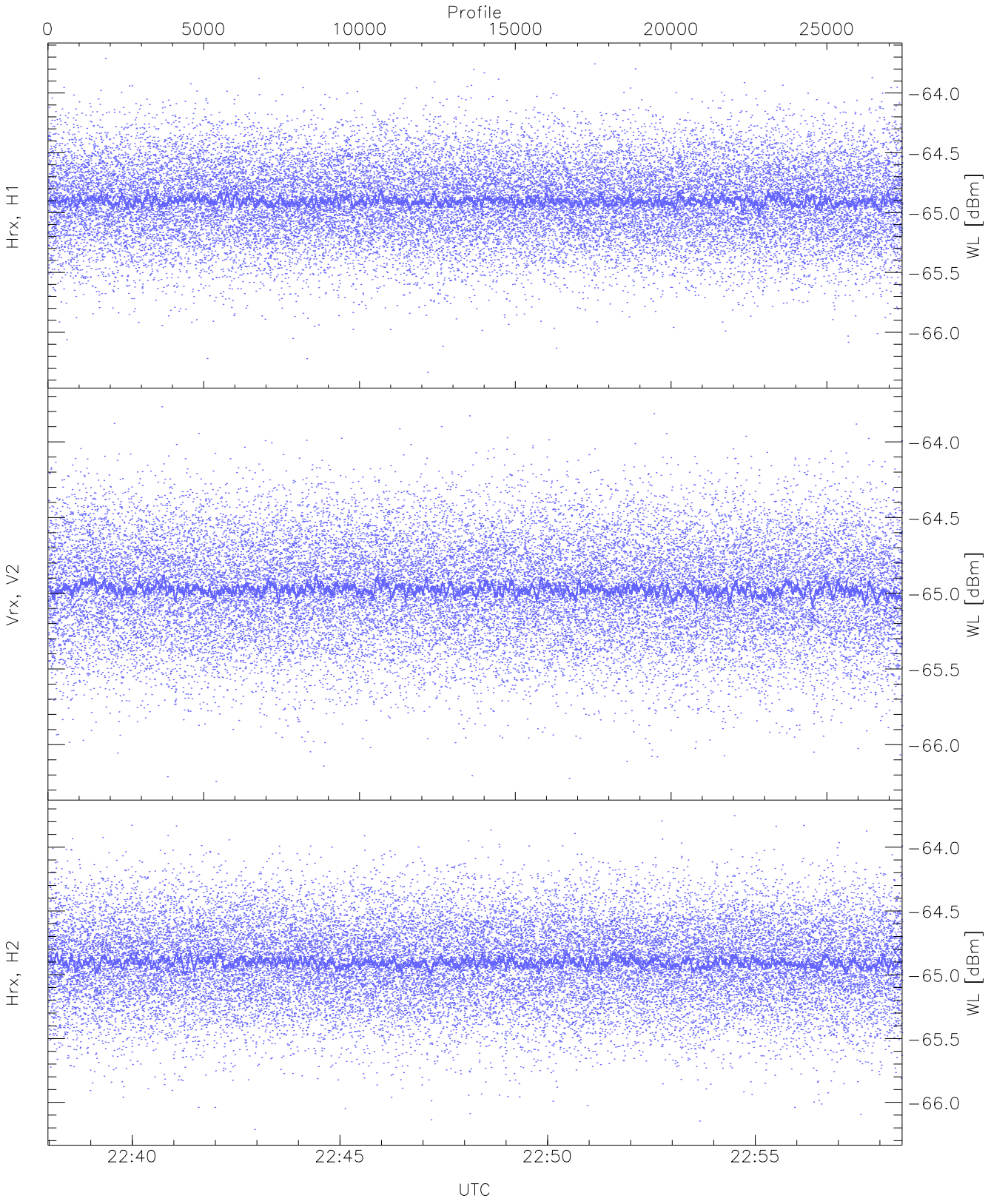
WCR3 CPP Receivers Gain and Noise Figure

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



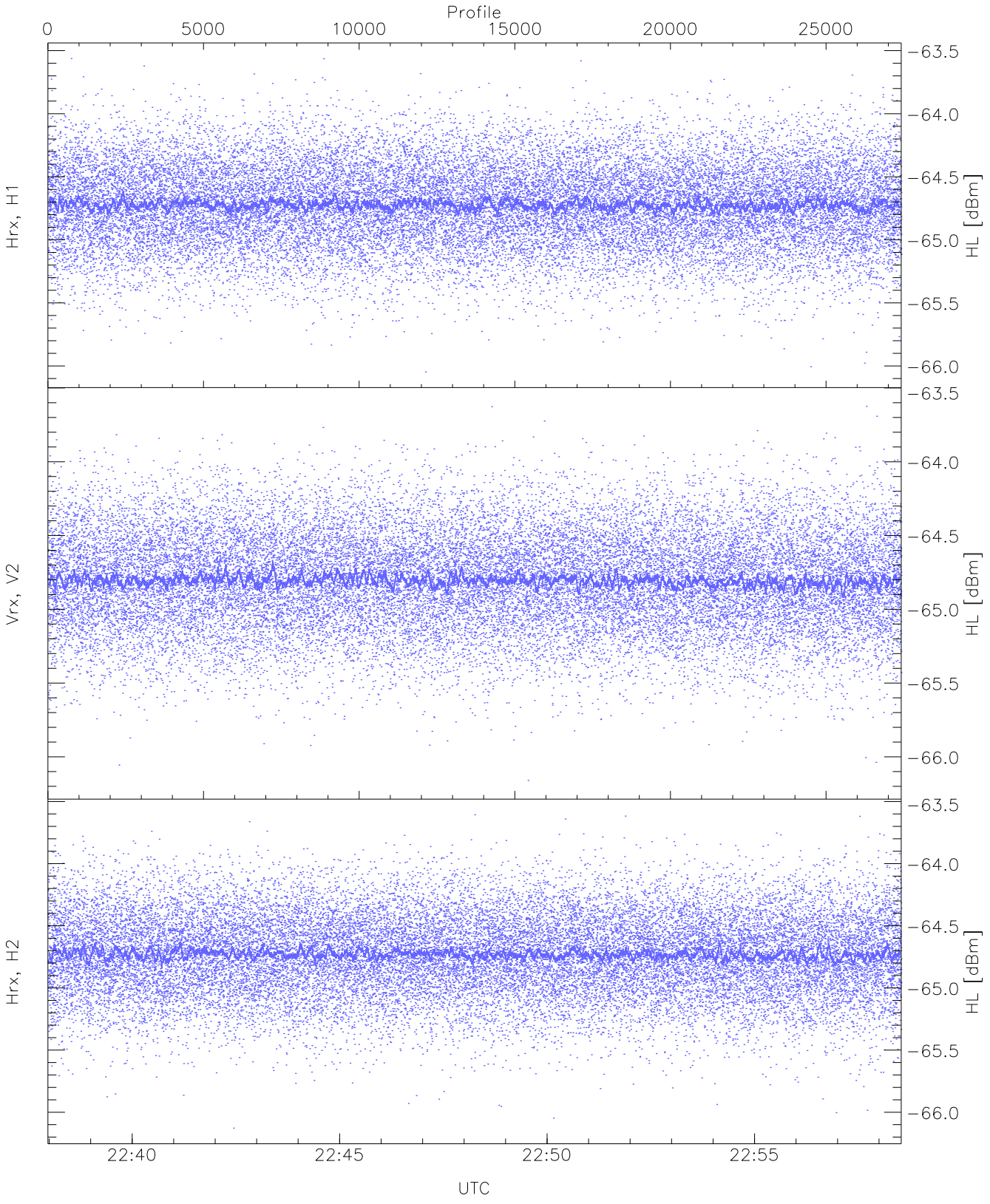
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.22	-65.36	-65.36	-86.90
RMPHrxH1(std_dBm)	-76.15	-74.63	-75.37	-75.37	-89.17
RMPVrxV2(mean_dBm)	-65.16	-64.89	-65.02	-65.02	-86.39
RMPVrxV2(std_dBm)	-75.75	-74.32	-75.04	-75.04	-88.84
RMPHrxH2(mean_dBm)	-65.06	-64.82	-64.94	-64.94	-86.39
RMPHrxH2(std_dBm)	-75.74	-74.19	-74.96	-74.96	-88.73



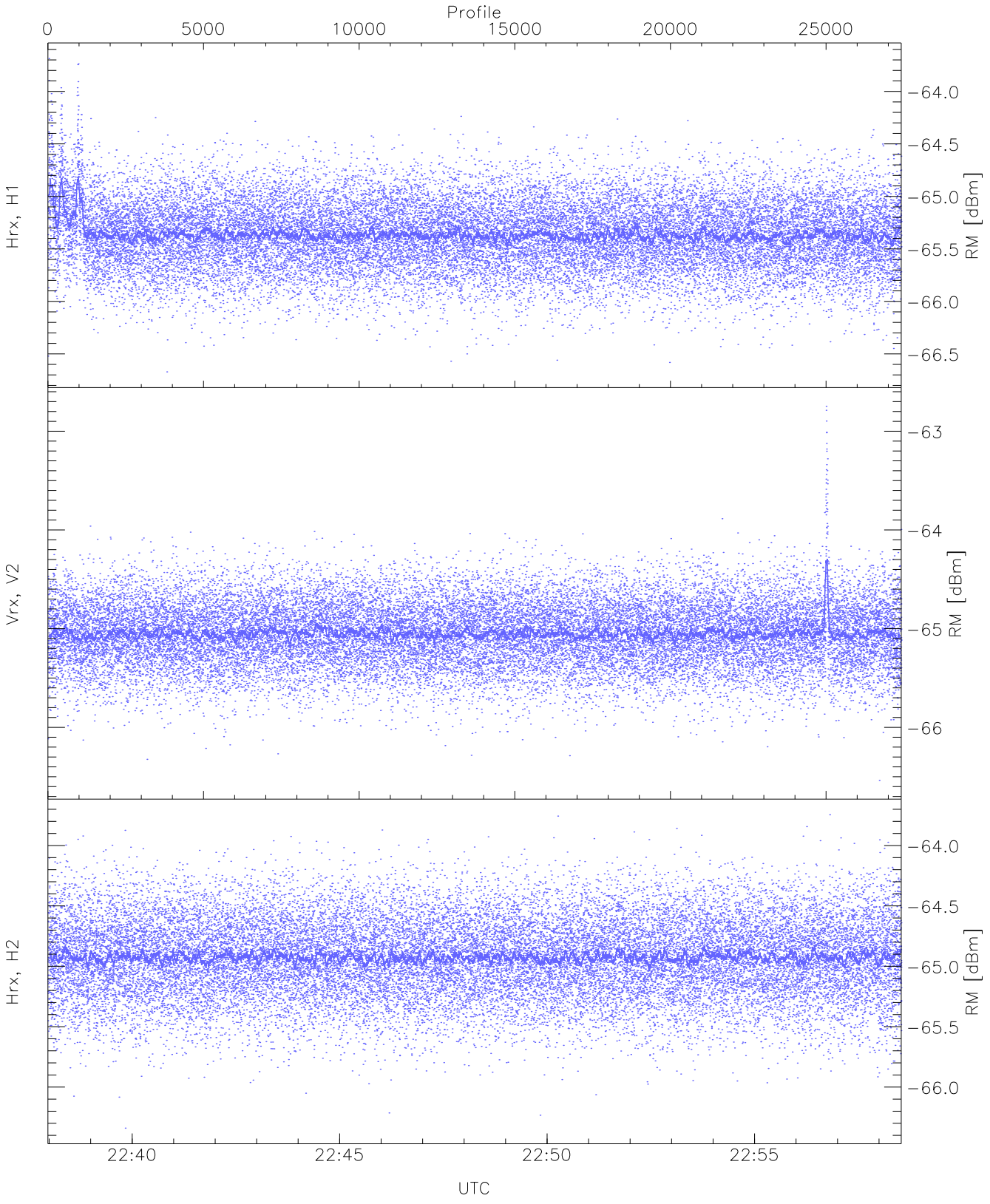
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.34	-63.71	-64.90	-64.90	-76.40
Vrx, V2(WL [dBm])	-66.24	-63.77	-64.97	-64.98	-76.44
Hrx, H2(WL [dBm])	-66.21	-63.75	-64.90	-64.90	-76.44



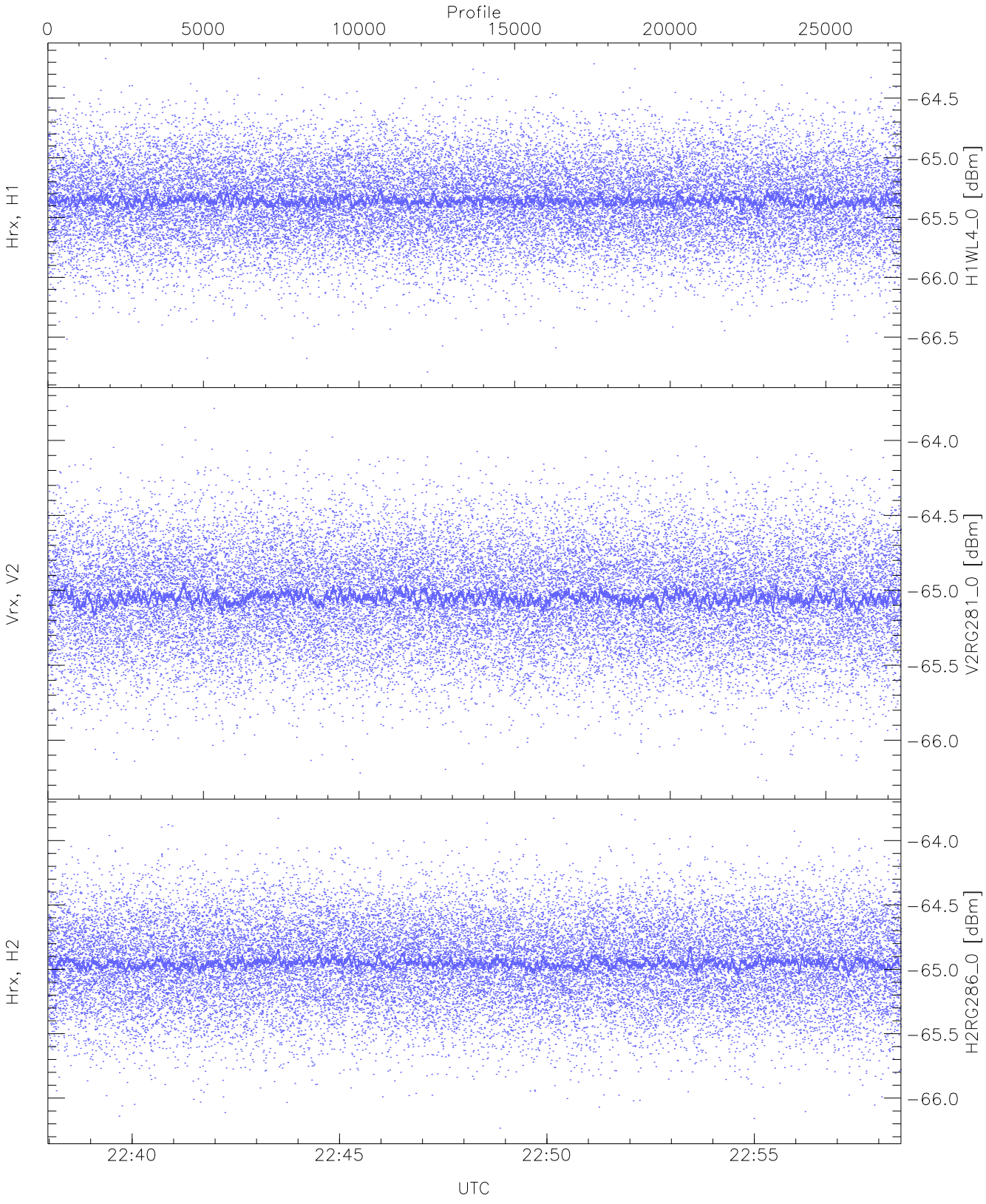
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.05	-63.56	-64.72	-64.72	-76.21
Vrx, V2(HL [dBm])	-66.16	-63.62	-64.80	-64.81	-76.27
Hrx, H2(HL [dBm])	-66.13	-63.61	-64.72	-64.73	-76.21



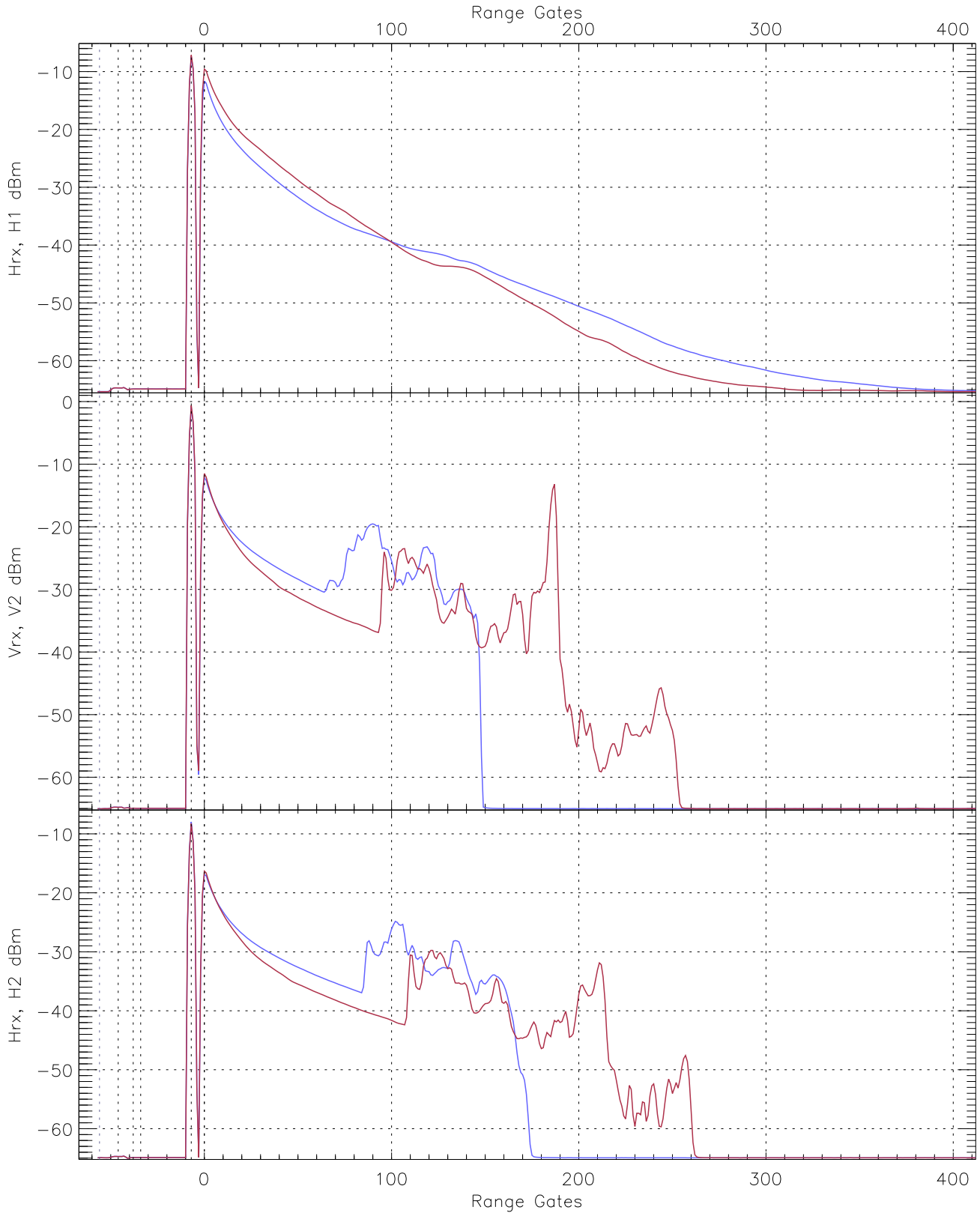
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.67	-63.69	-65.35	-65.36	-76.73
Vrx, V2(RM [dBm])	-66.54	-62.75	-65.04	-65.05	-76.44
Hrx, H2(RM [dBm])	-66.34	-63.75	-64.92	-64.92	-76.40

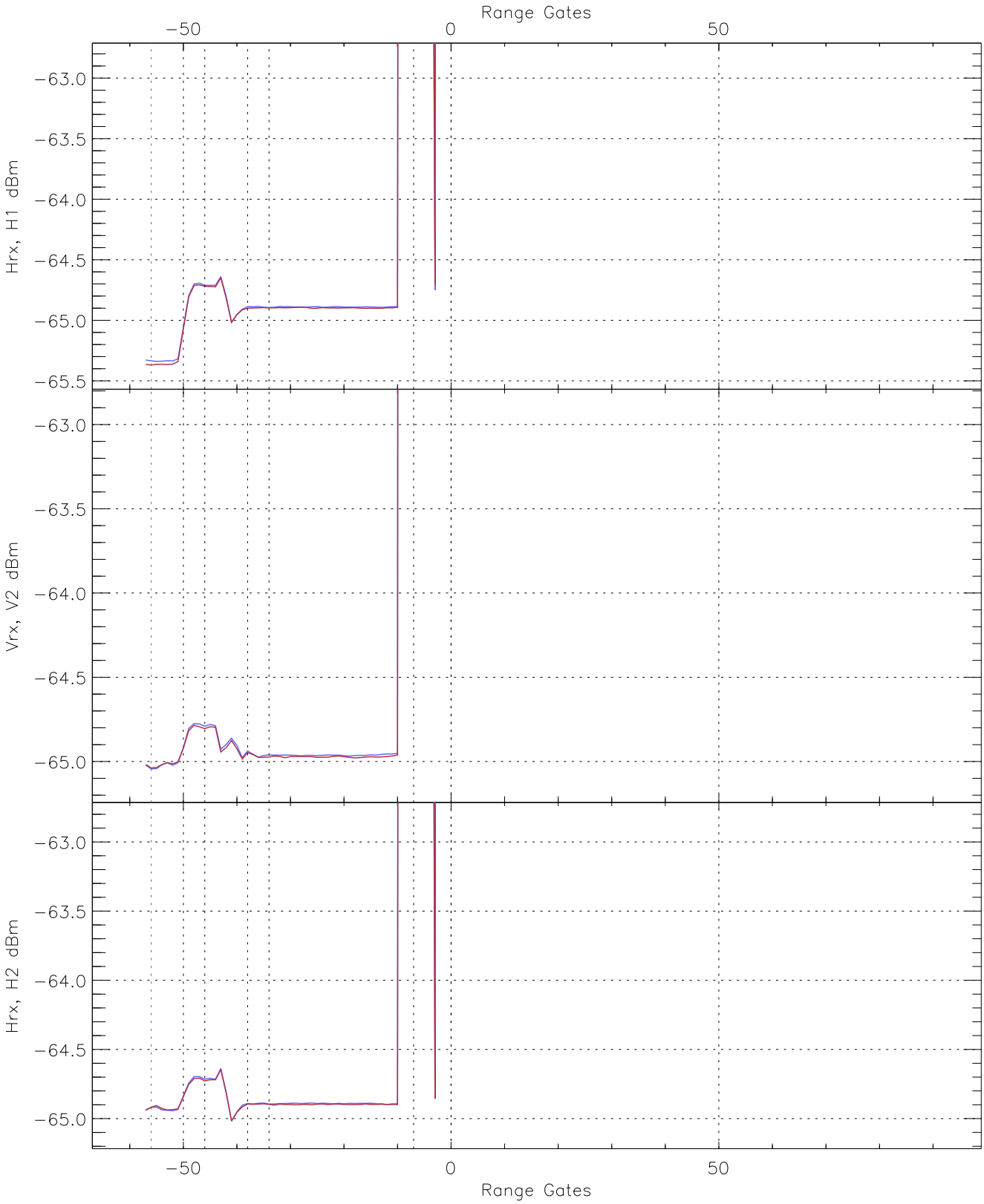


WCR3 CPP "Best" estimate Receivers Noise Power

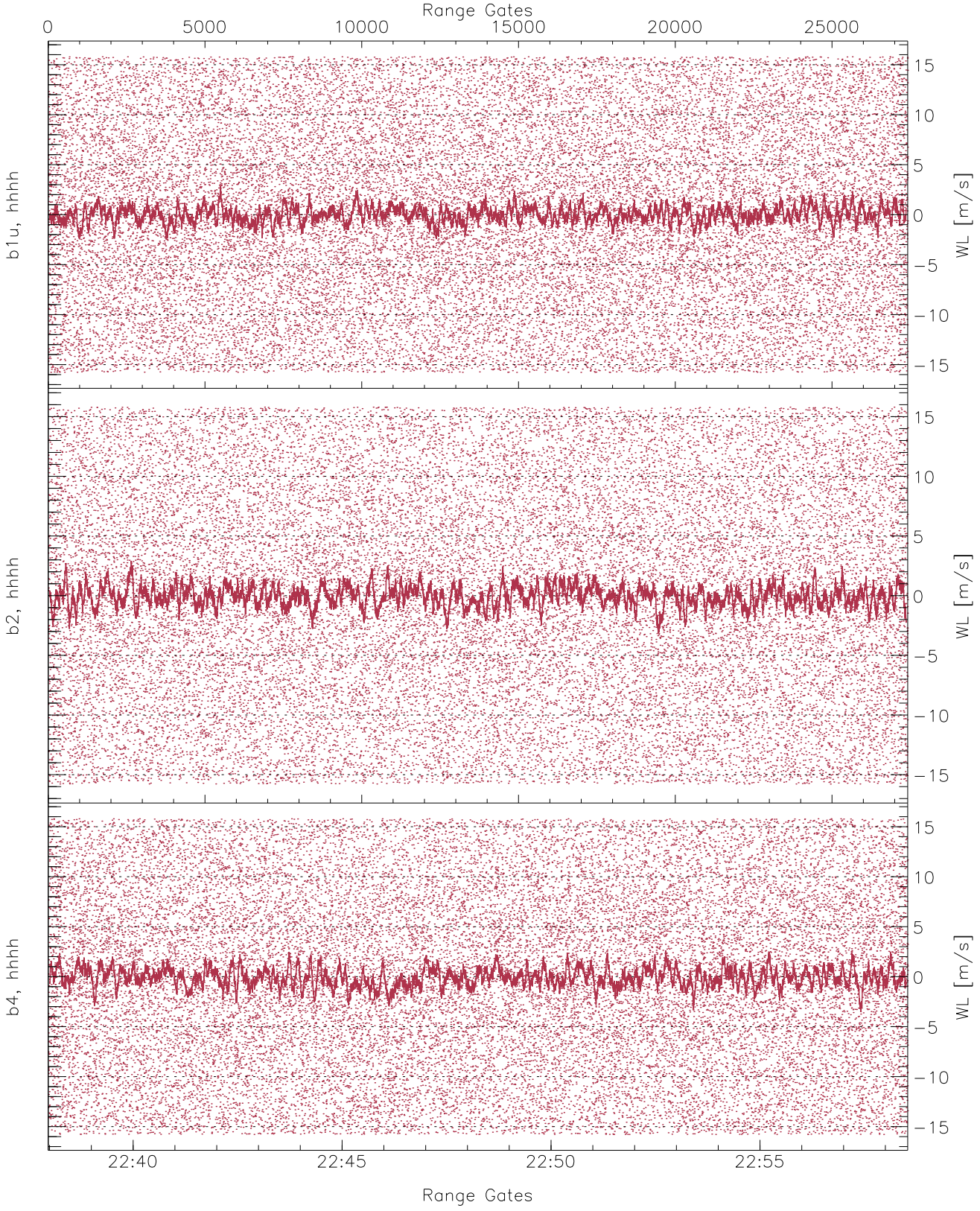
	Min	Max	Mean	Median	StDev
H1WL4_0 [dBm]	-66.79	-64.17	-65.35	-65.36	-76.86
V2RG281_0 [dBm]	-66.27	-63.77	-65.04	-65.05	-76.55
H2RG286_0 [dBm]	-66.23	-63.80	-64.95	-64.95	-76.47



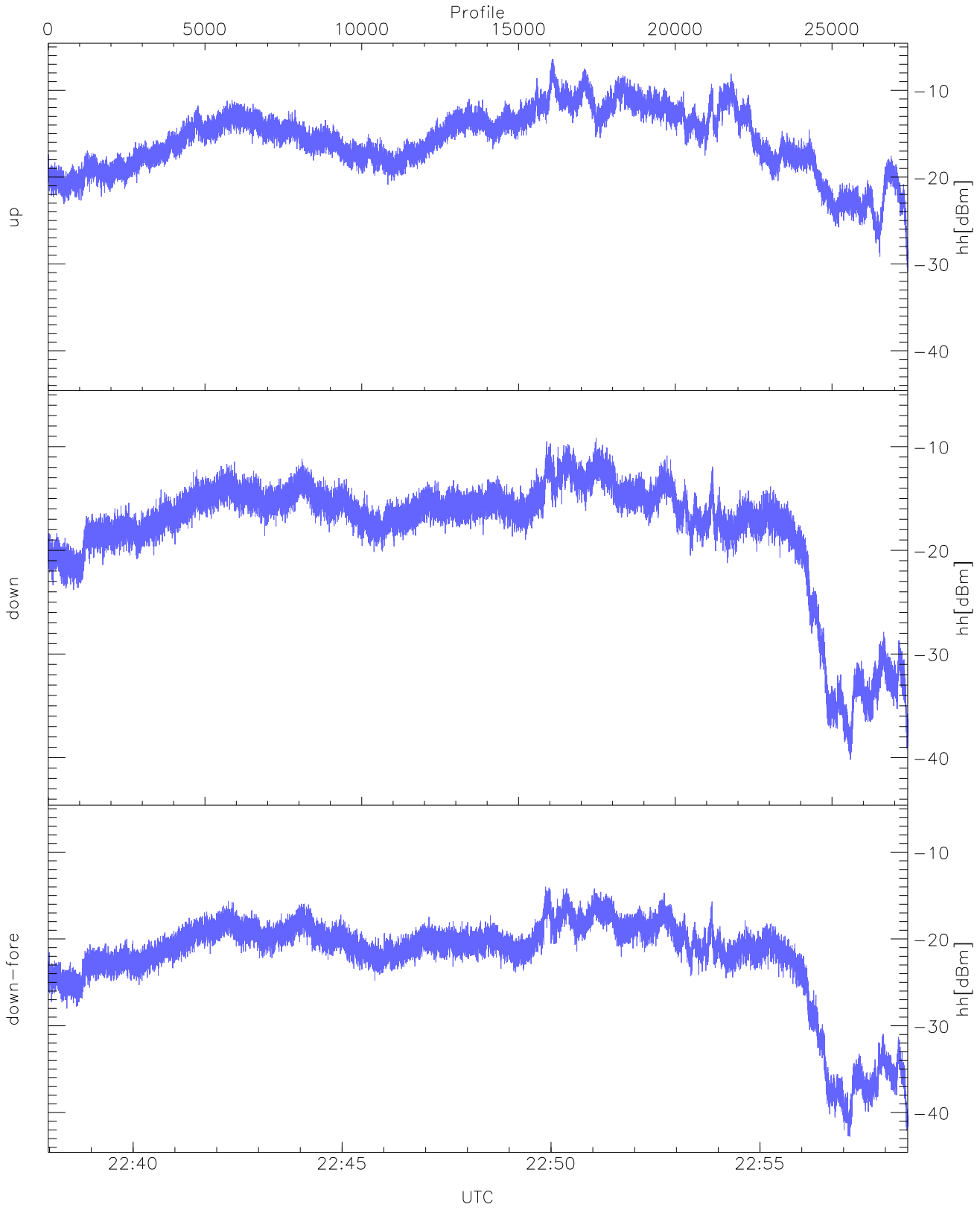
WCR3 CPP Averaged Received power for all recorded gates
blue: 223758-224815, 13709 profiles averaged
red: 224815-225832, 13708 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 223758-224815, 13709 profiles averaged
red: 224815-225832, 13708 profiles averaged

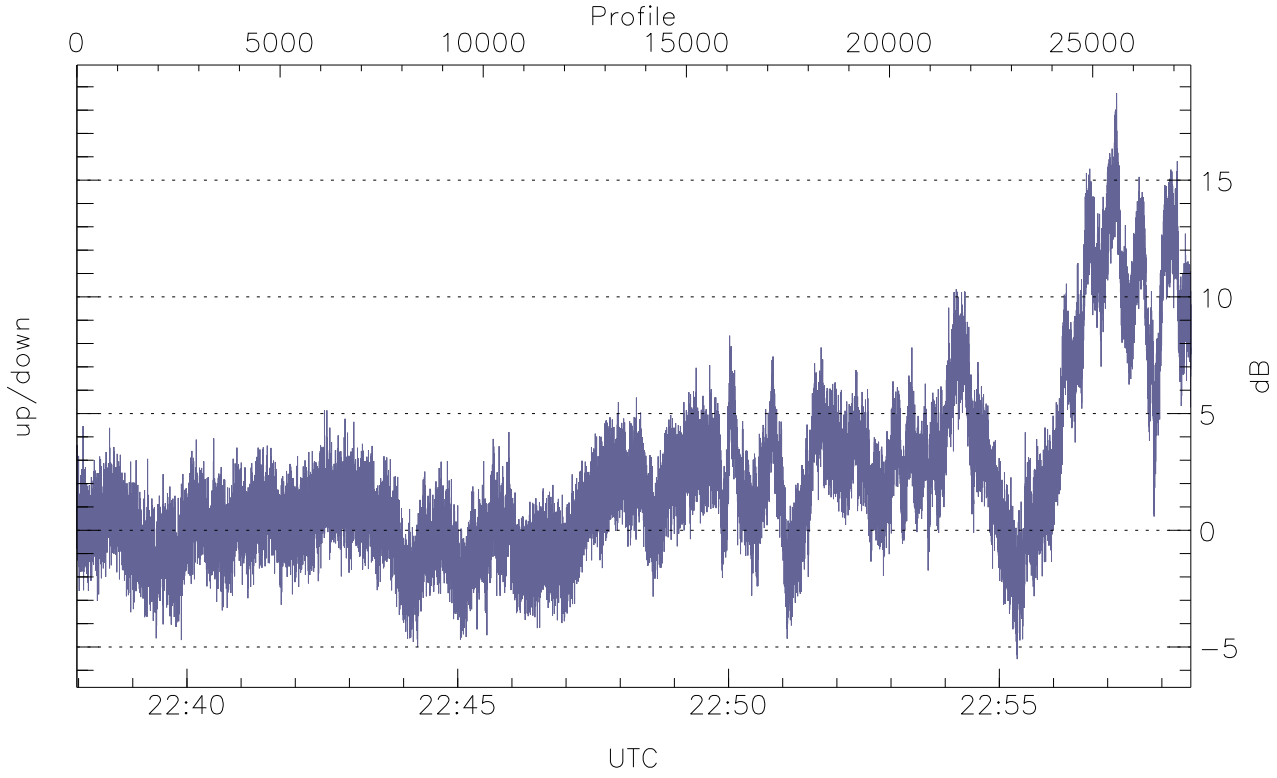


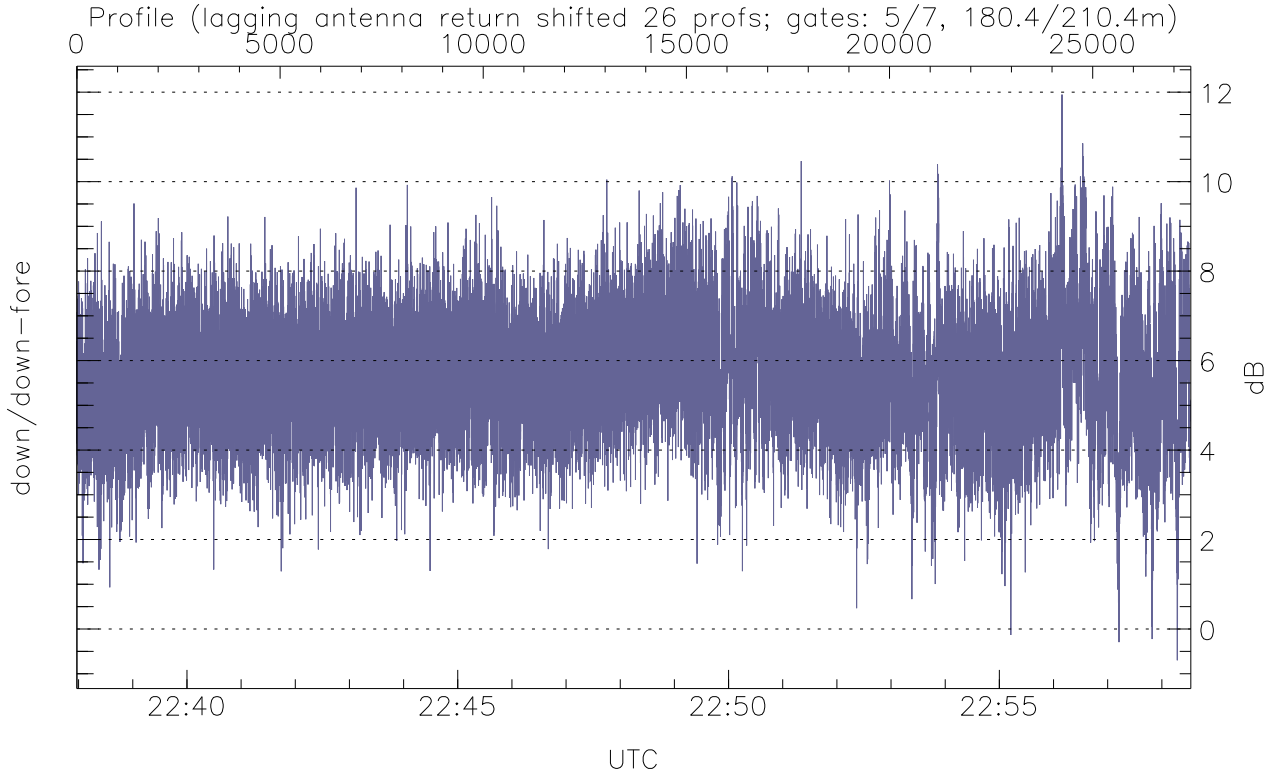
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

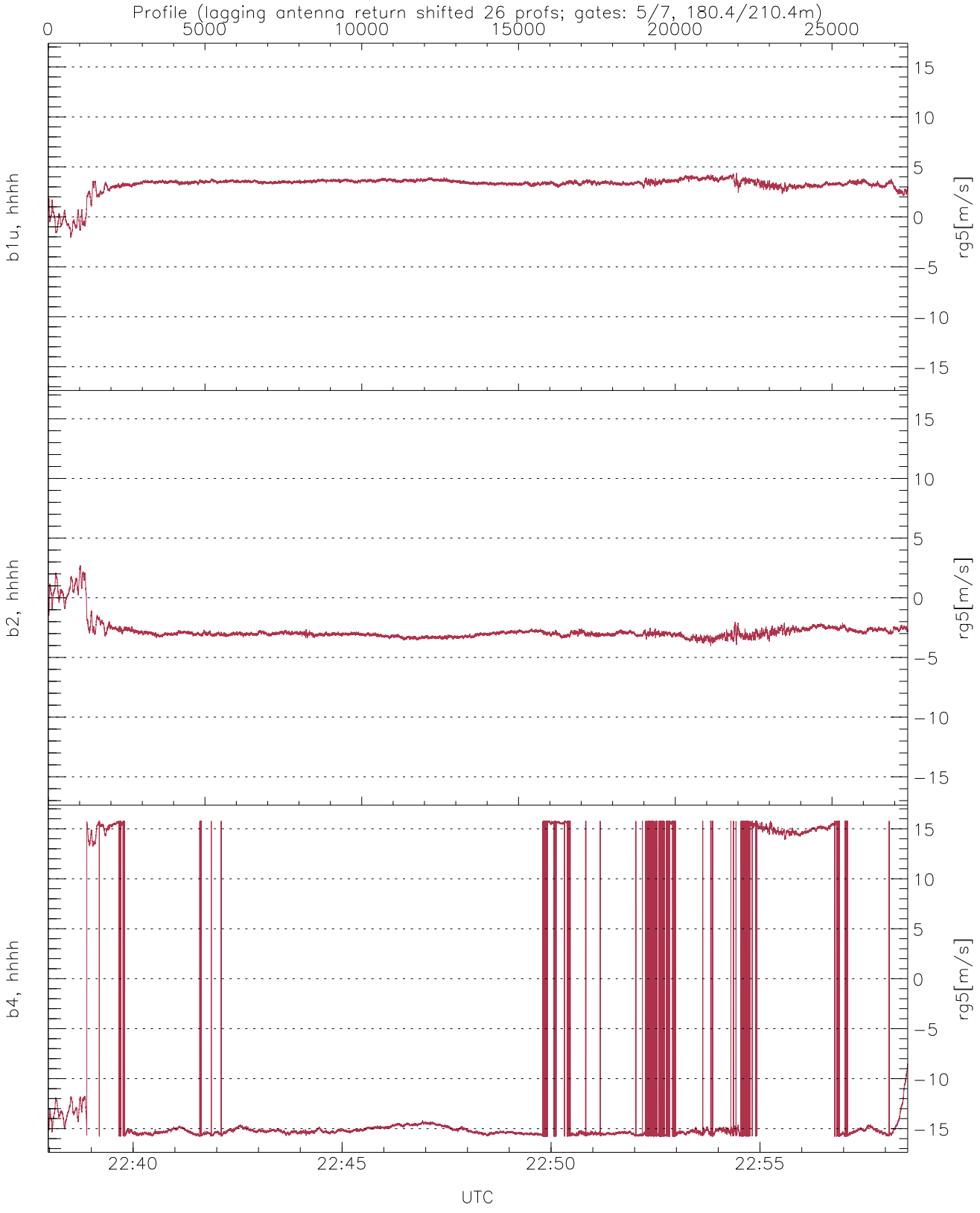
	Min	Max	Mean
up(hh[dBm])	-30.90	-6.40	-14.44
down(hh[dBm])	-40.19	-9.16	-16.02
down-fore(hh[dBm])	-42.76	-13.97	-20.39





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

	Min	Max	Mean
up/down(dB)	-5.52	18.72	2.15
down/down-fore(dB)	-0.70	11.95	5.68



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.08	4.38	3.24	0.86
b2, hhhh(rg5[m/s])	-4.04	2.71	-2.80	0.84
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.13	12.07