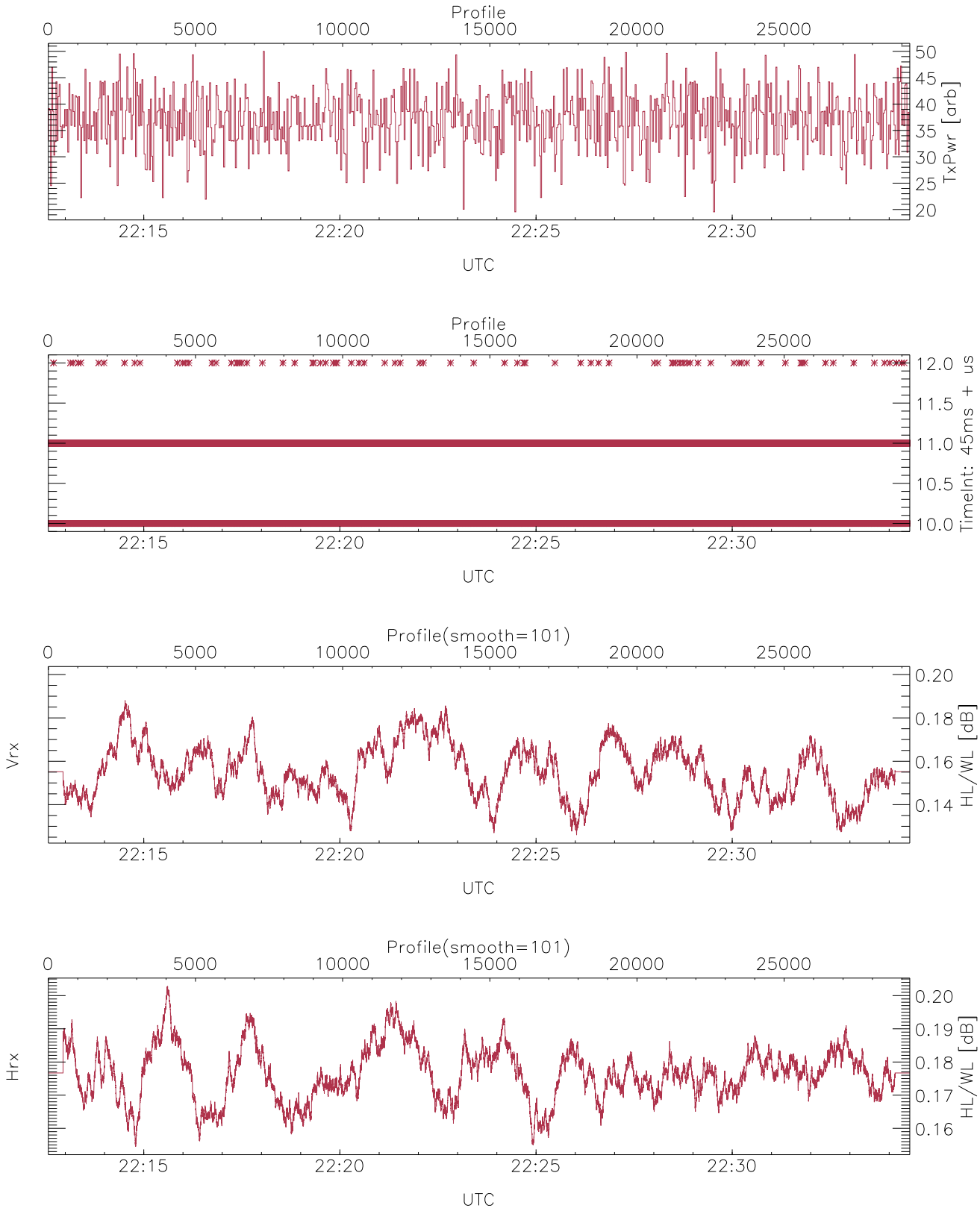
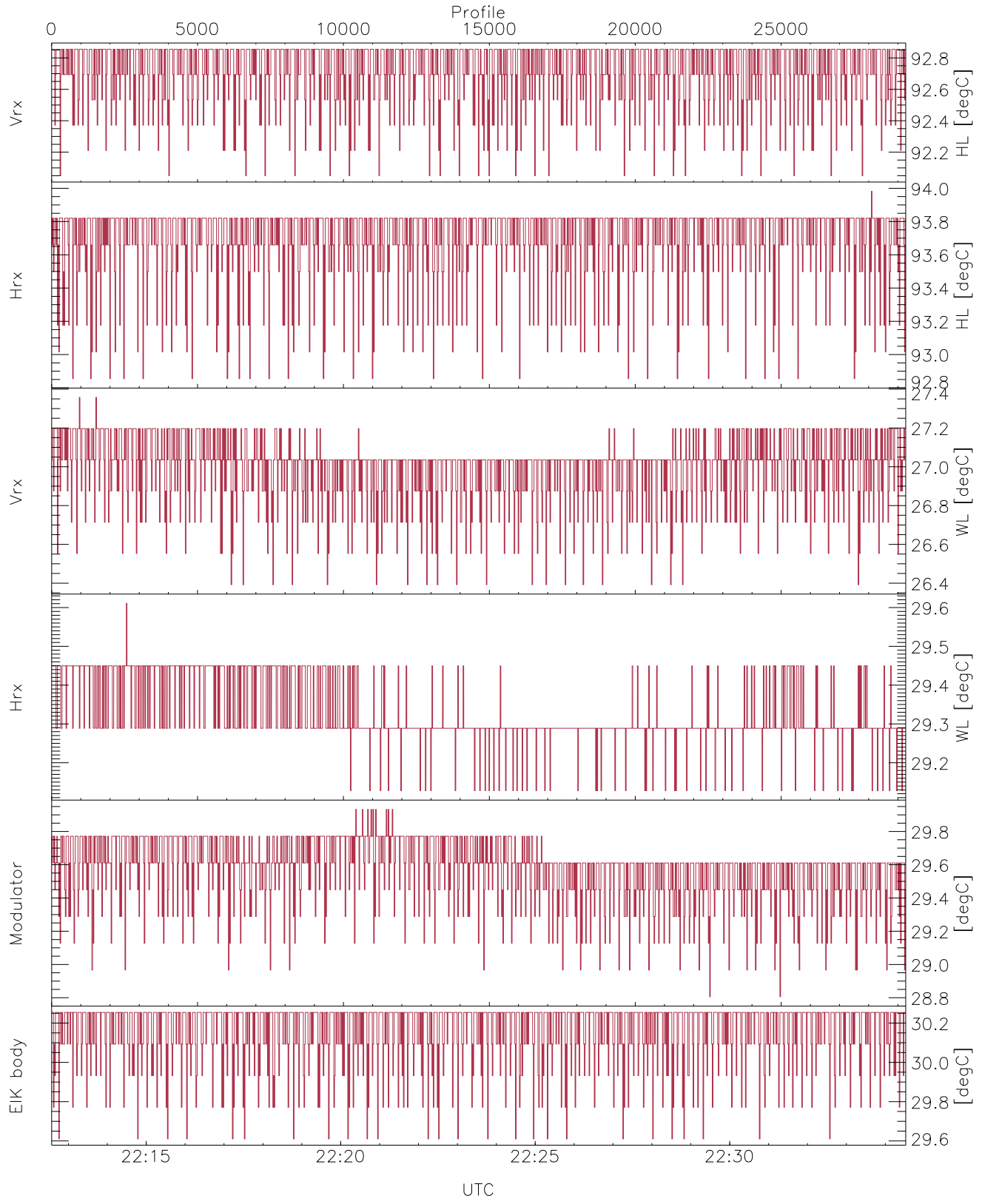


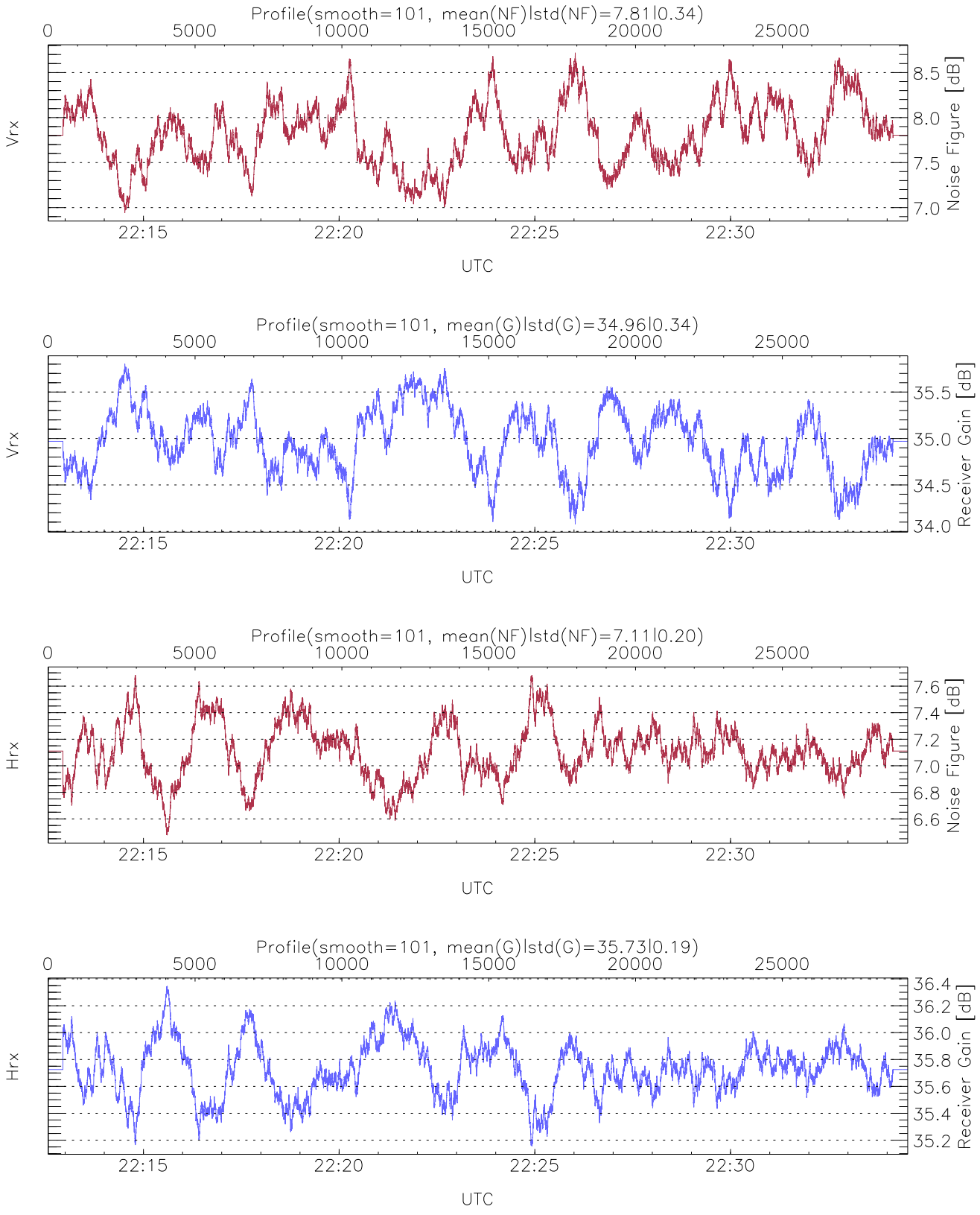
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:12:34-22:34:32, TimeCor: 0.00s, Dur: 1317.43s
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): 29270/29270, 0-29269/22:12:34-22:34:32
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



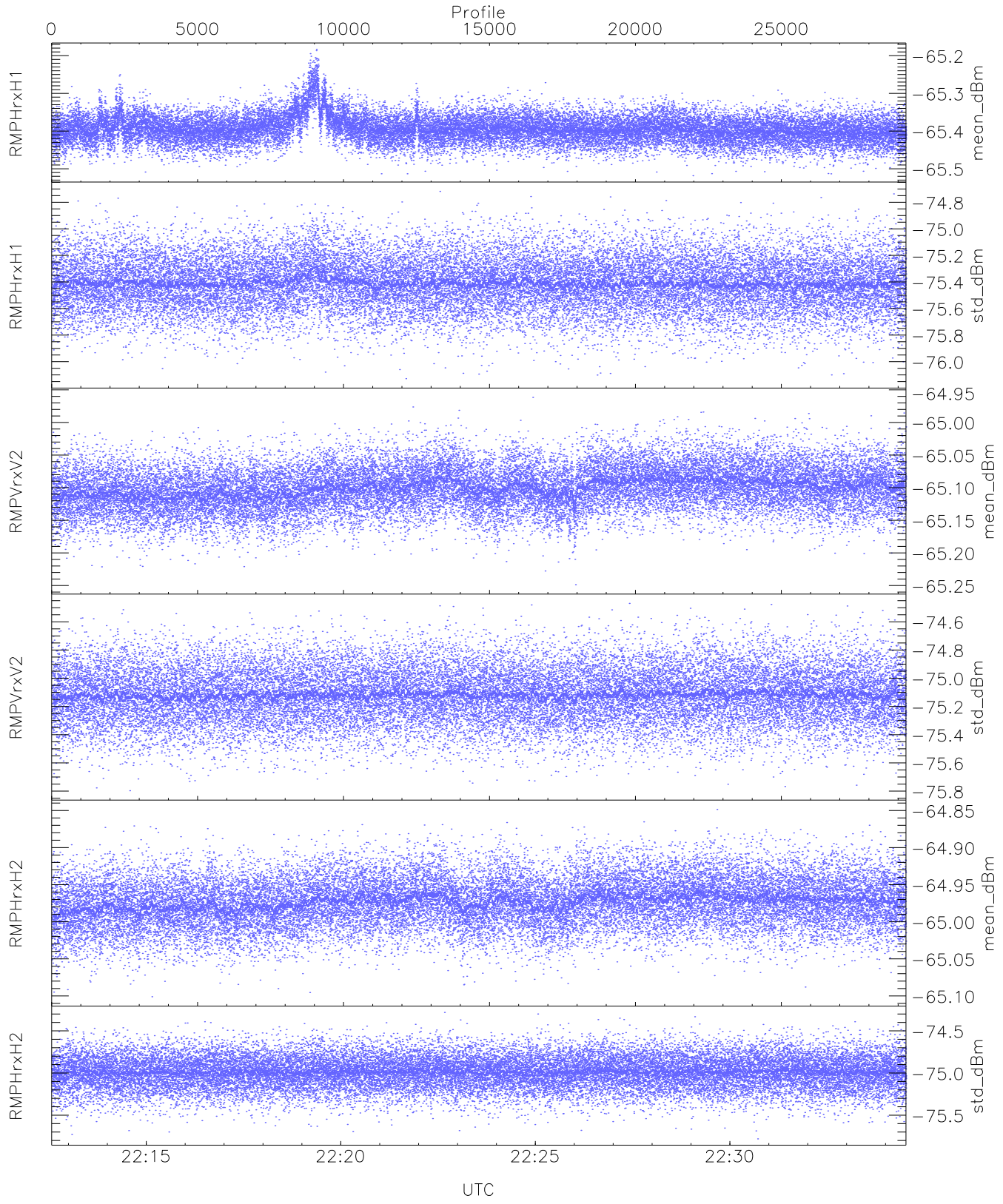
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,26,29,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



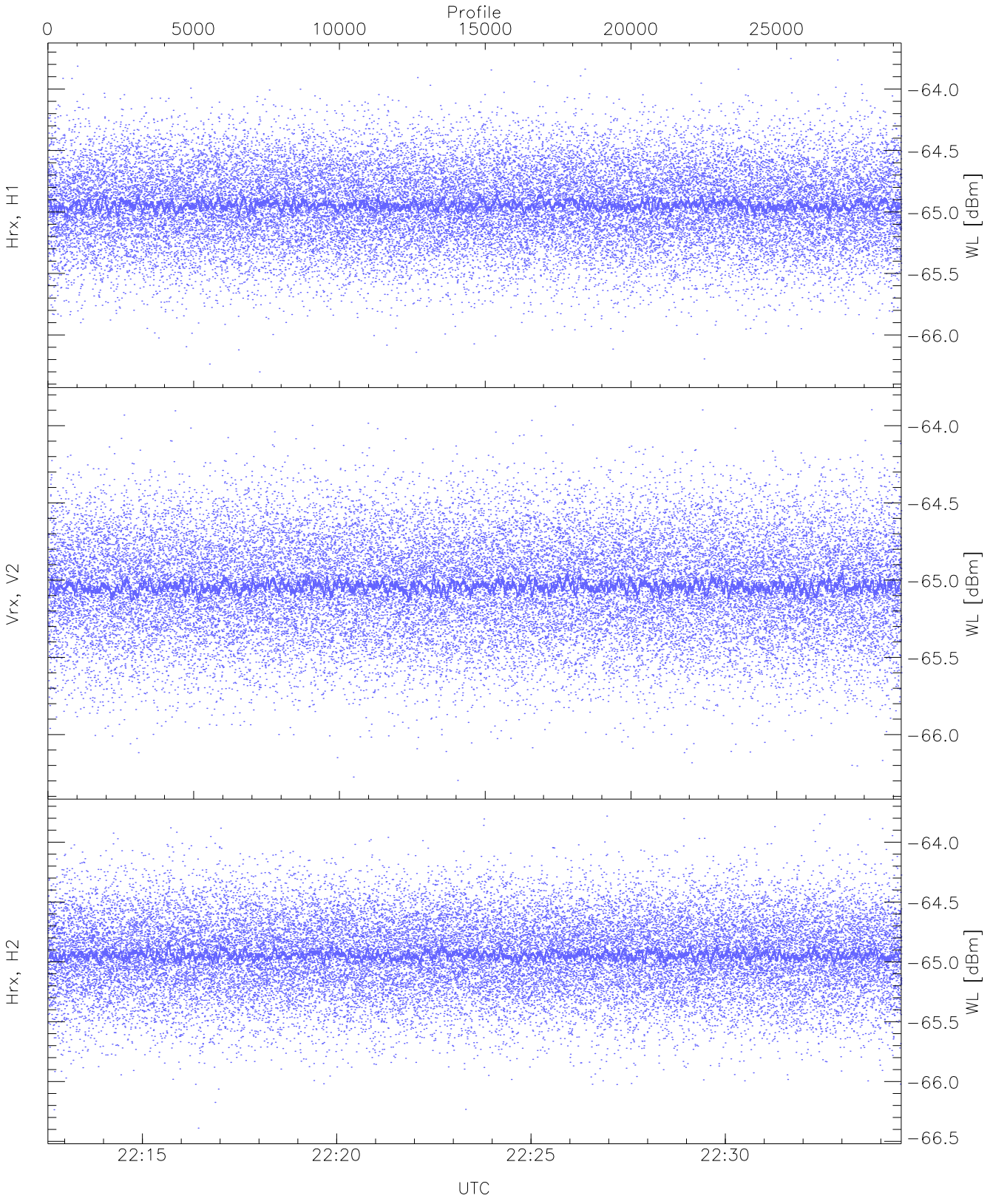
WCR3 CPP Receivers Gain and Noise Figure

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



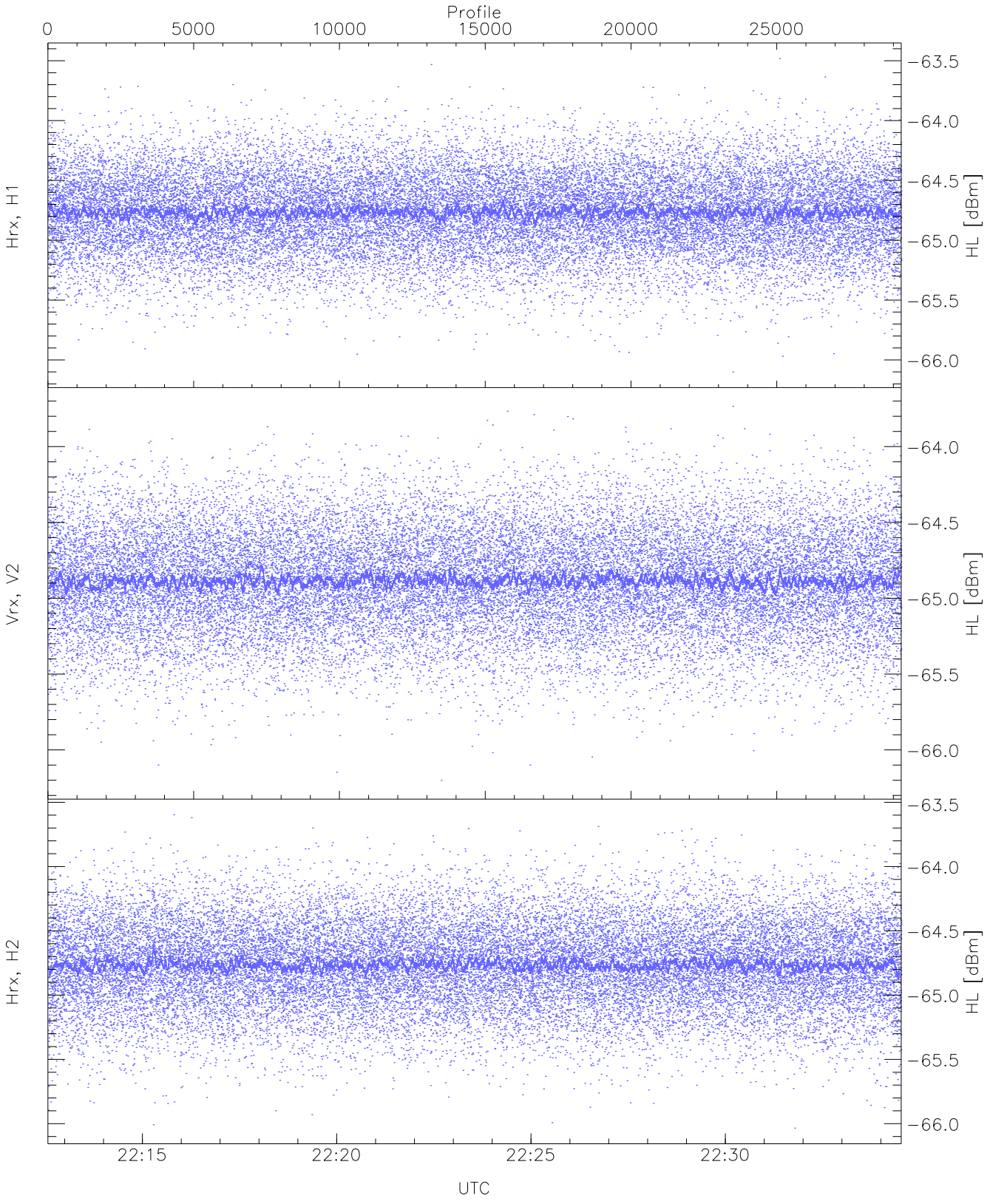
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.18	-65.39	-65.40	-86.26
RMPHrxH1(std_dBm)	-76.13	-74.72	-75.41	-75.41	-89.17
RMPVrxV2(mean_dBm)	-65.25	-64.96	-65.10	-65.10	-86.47
RMPVrxV2(std_dBm)	-75.80	-74.47	-75.12	-75.12	-88.90
RMPHrxH2(mean_dBm)	-65.10	-64.85	-64.97	-64.97	-86.46
RMPHrxH2(std_dBm)	-75.78	-74.28	-74.99	-74.99	-88.81



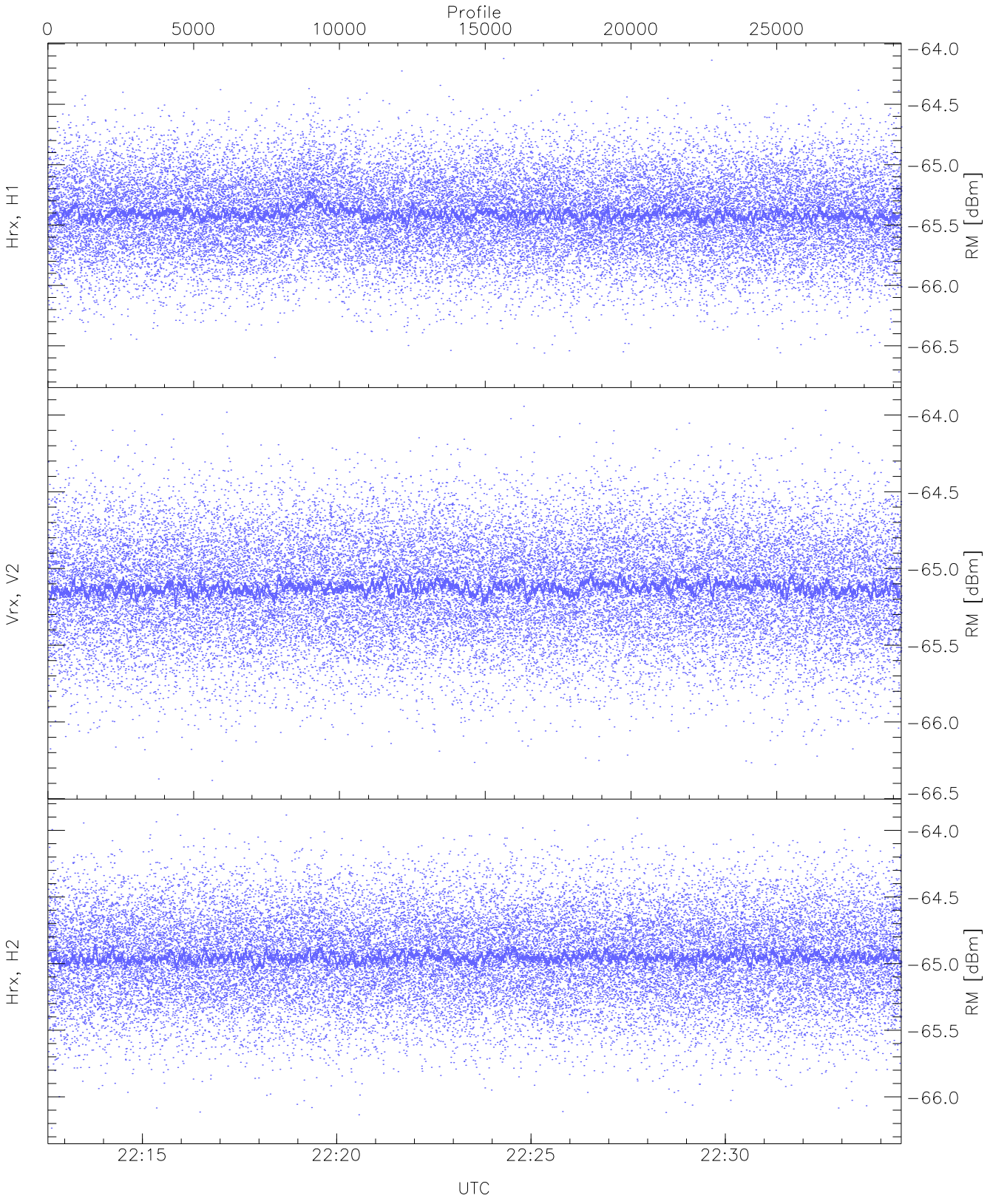
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.30	-63.75	-64.94	-64.95	-76.45
Vrx, V2(WL [dBm])	-66.30	-63.87	-65.03	-65.04	-76.55
Hrx, H2(WL [dBm])	-66.39	-63.77	-64.94	-64.94	-76.43



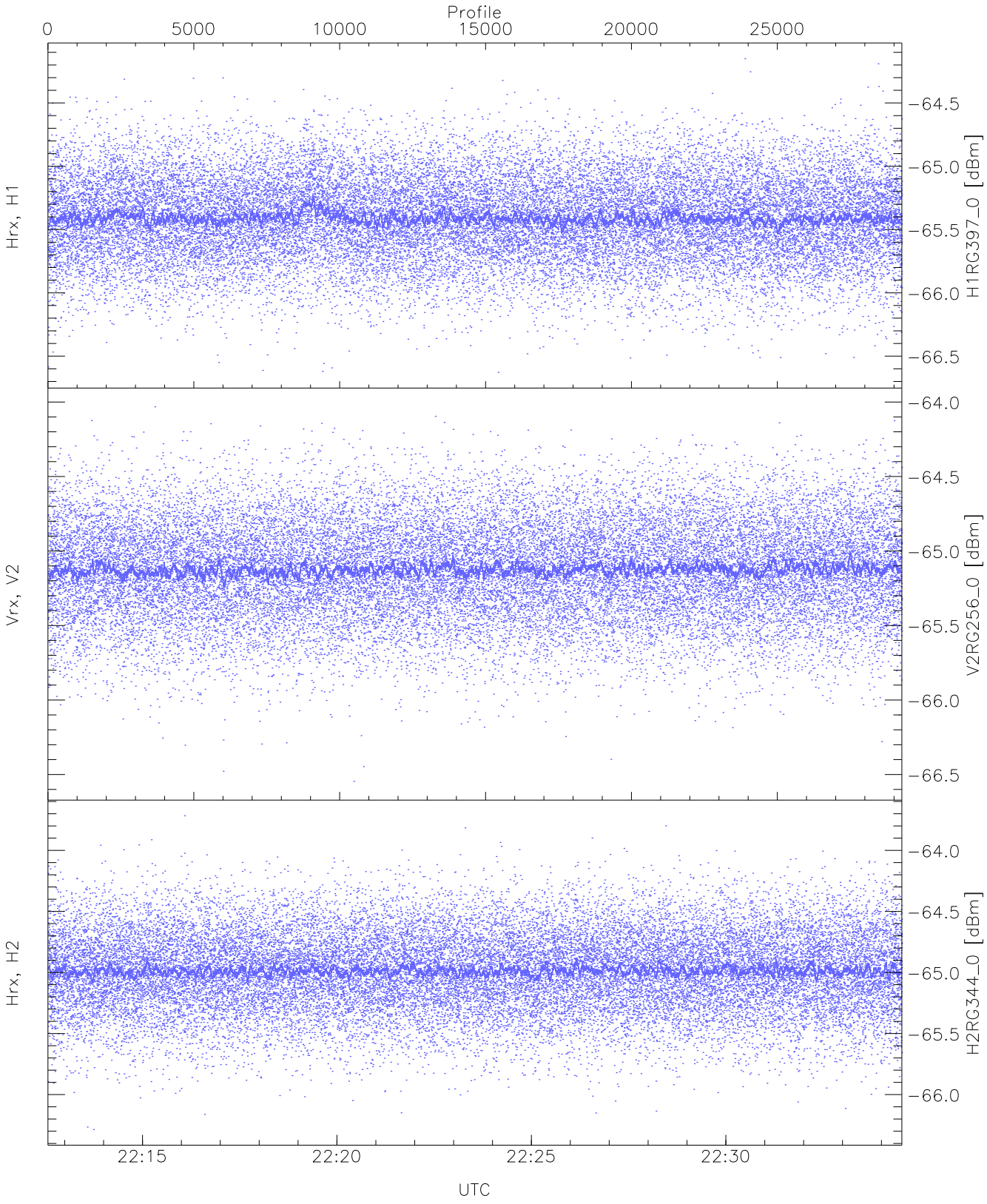
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.10	-63.48	-64.76	-64.77	-76.26
Vrx, V2(HL [dBm])	-66.20	-63.73	-64.88	-64.89	-76.38
Hrx, H2(HL [dBm])	-66.03	-63.60	-64.76	-64.76	-76.26



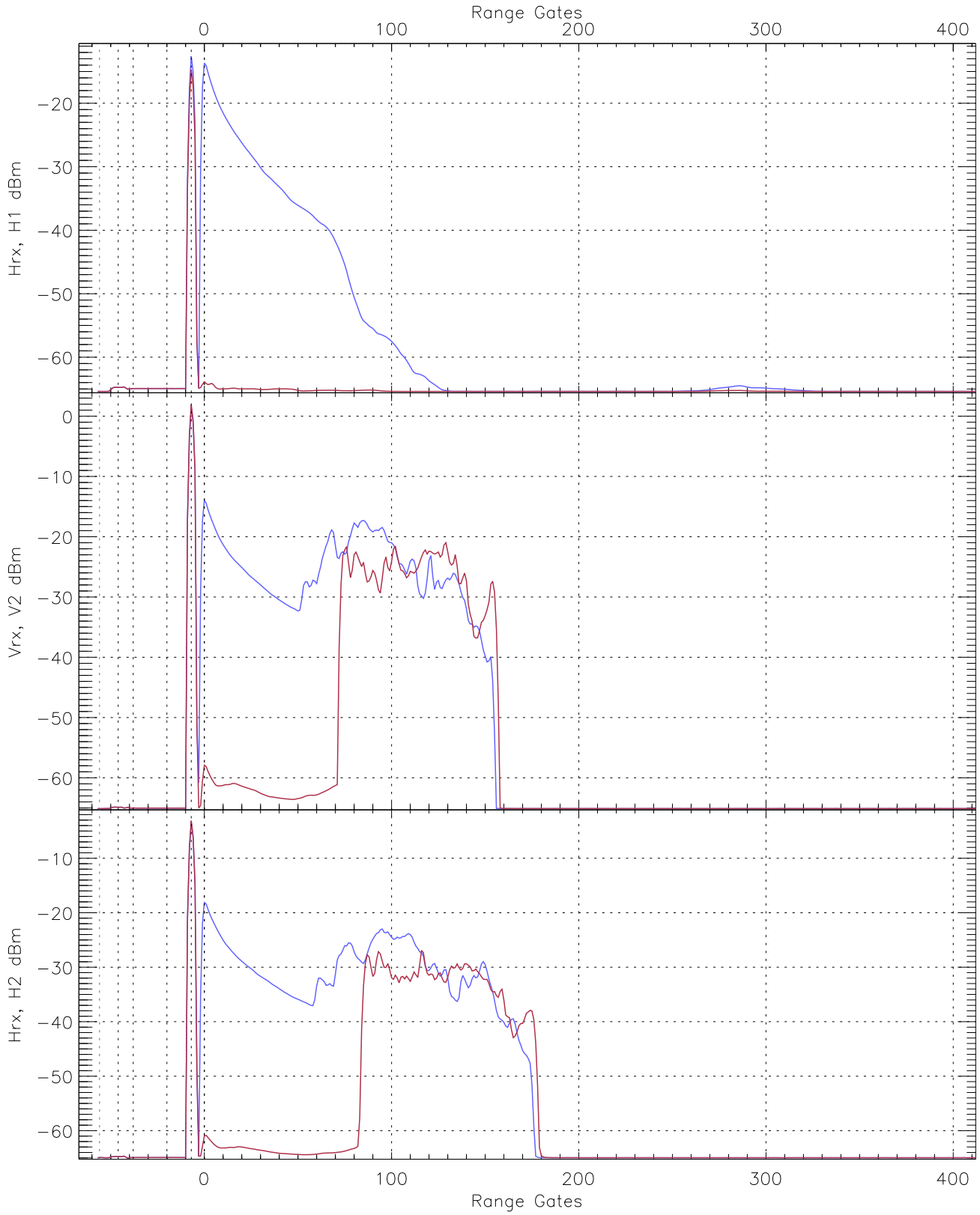
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.72	-64.12	-65.40	-65.41	-76.86
Vrx, V2(RM [dBm])	-66.38	-63.94	-65.12	-65.12	-76.62
Hrx, H2(RM [dBm])	-66.23	-63.88	-64.95	-64.95	-76.46

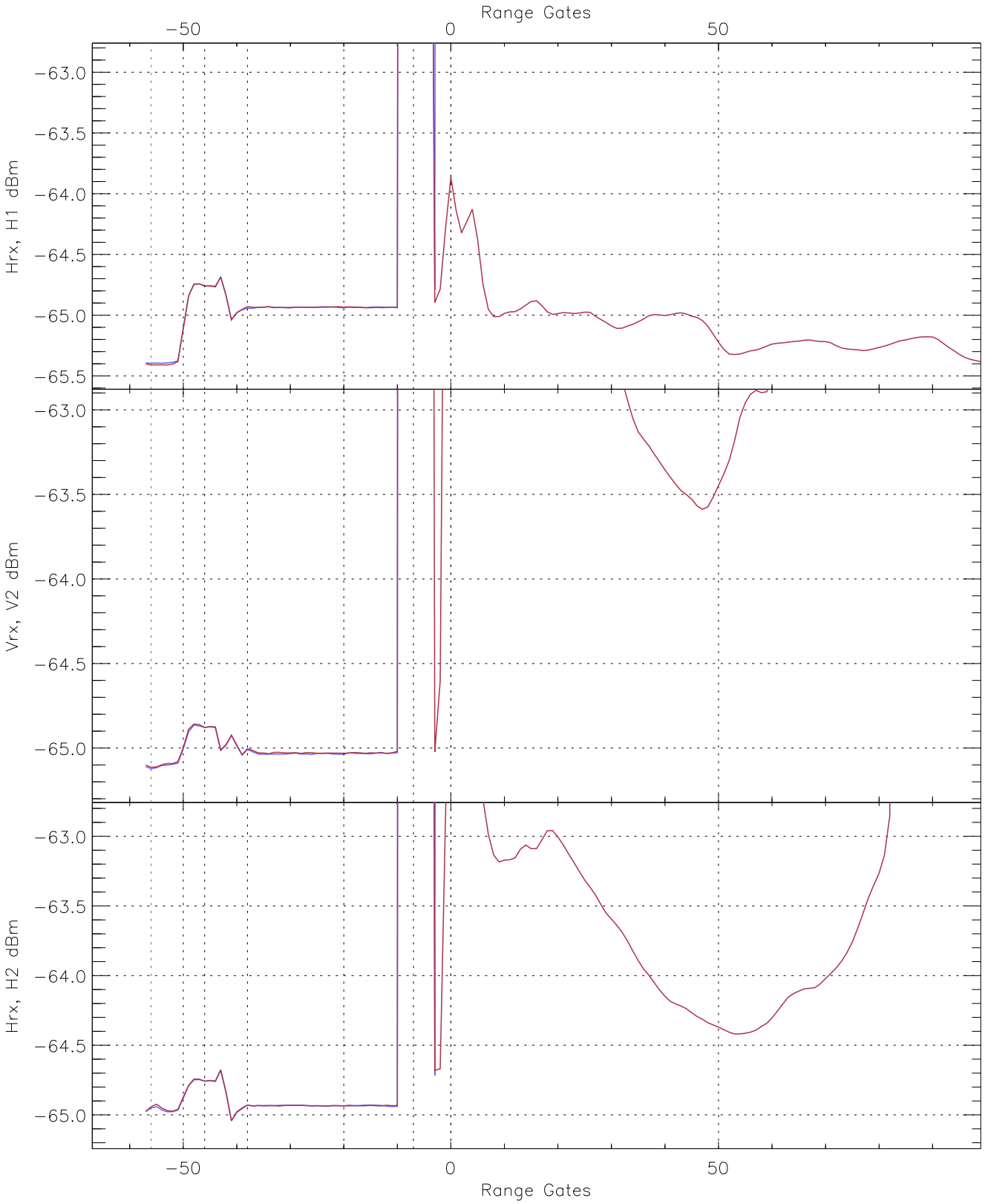


WCR3 CPP "Best" estimate Receivers Noise Power

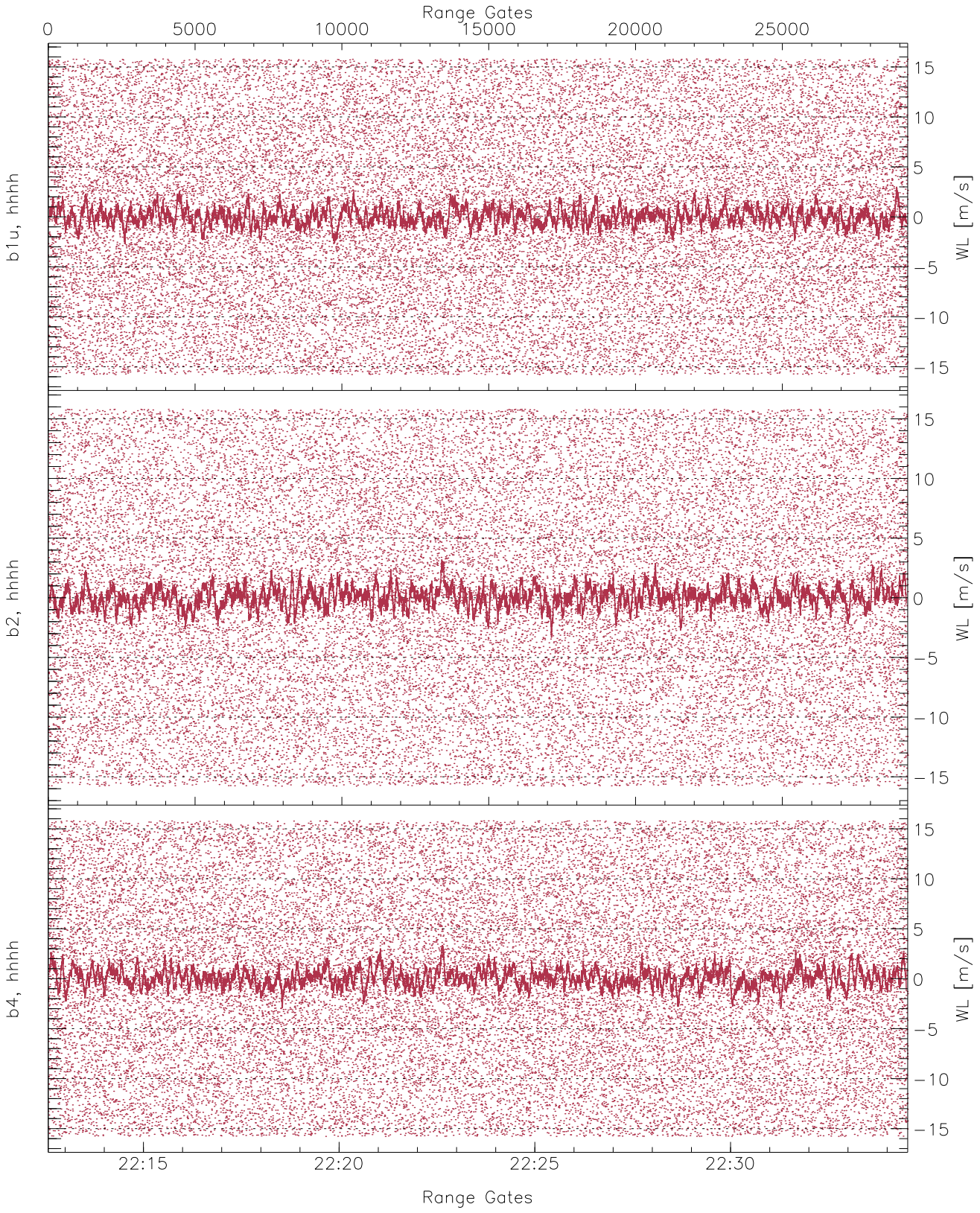
	Min	Max	Mean	Median	StDev
H1RG397_0 [dBm]	-66.63	-64.15	-65.40	-65.41	-76.85
V2RG256_0 [dBm]	-66.55	-64.03	-65.12	-65.12	-76.65
H2RG344_0 [dBm]	-66.29	-63.72	-64.98	-64.99	-76.49



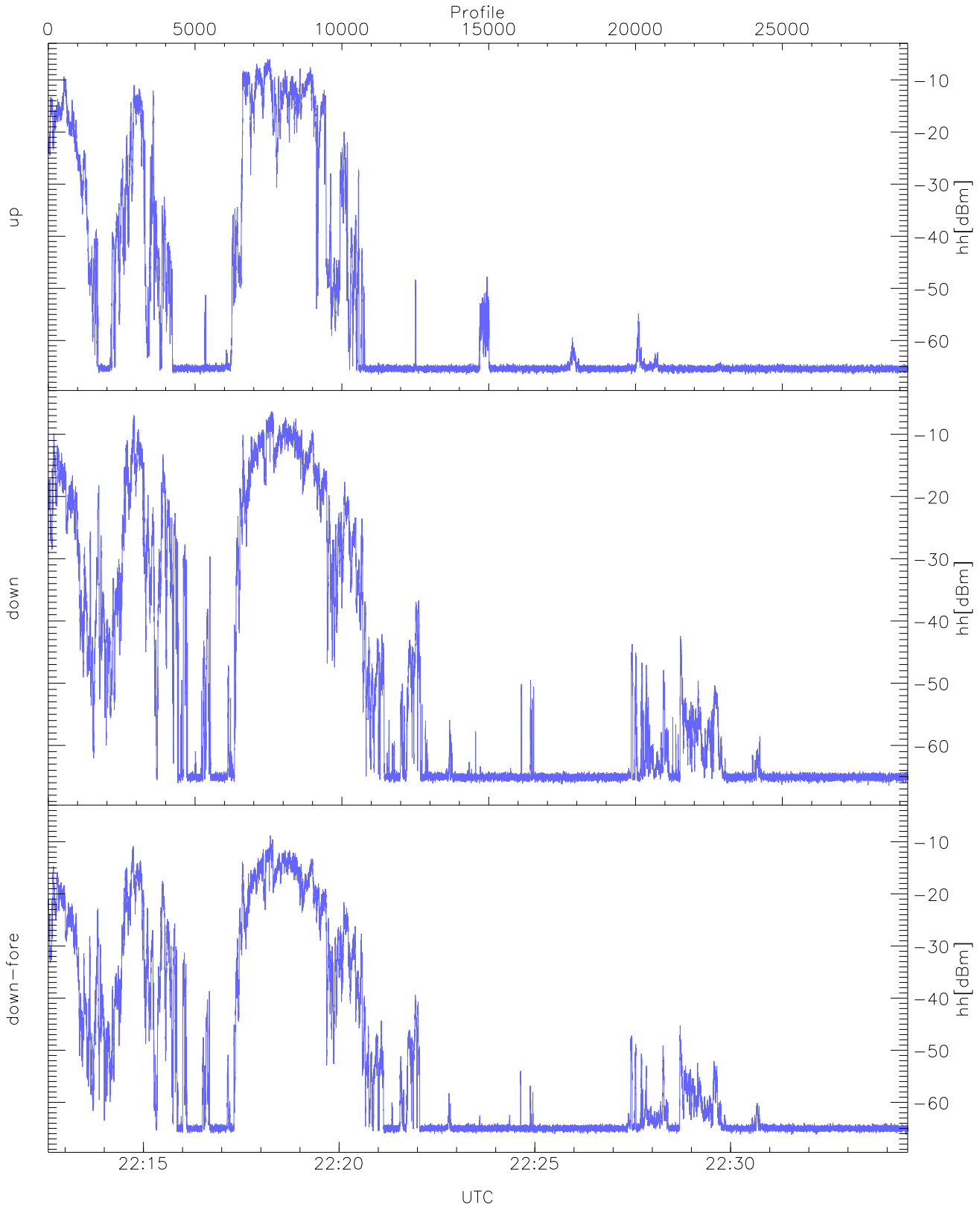
WCR3 CPP Averaged Received power for all recorded gates
blue: 221234-222333, 14636 profiles averaged
red: 222333-223432, 14635 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 221234-222333, 14636 profiles averaged
red: 222333-223432, 14635 profiles averaged

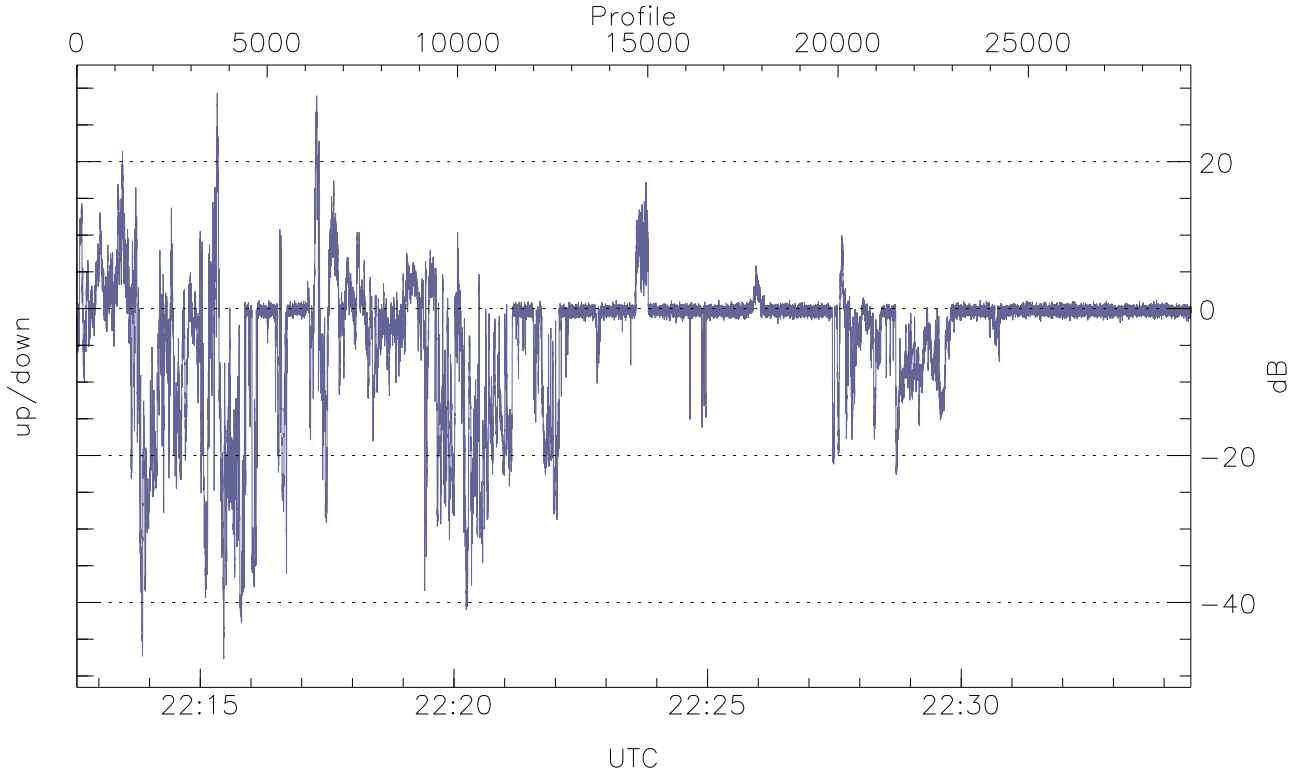


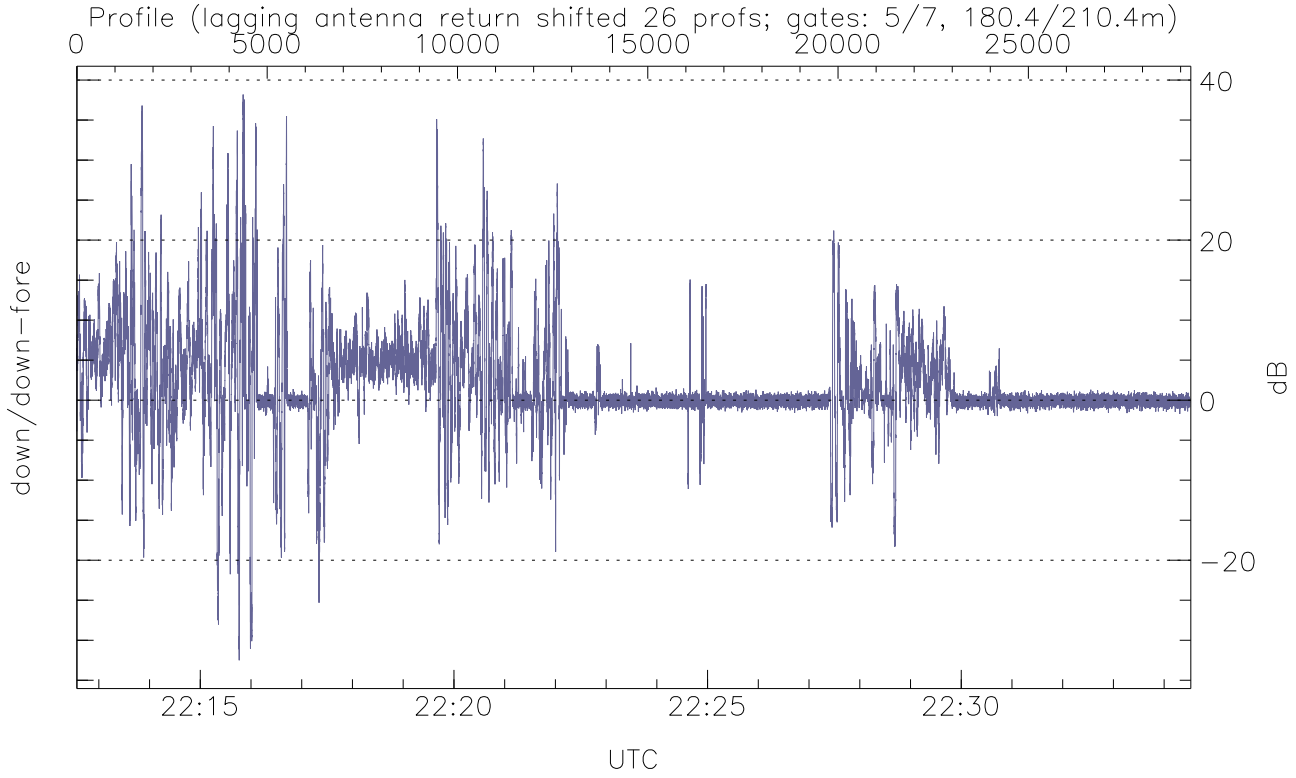
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

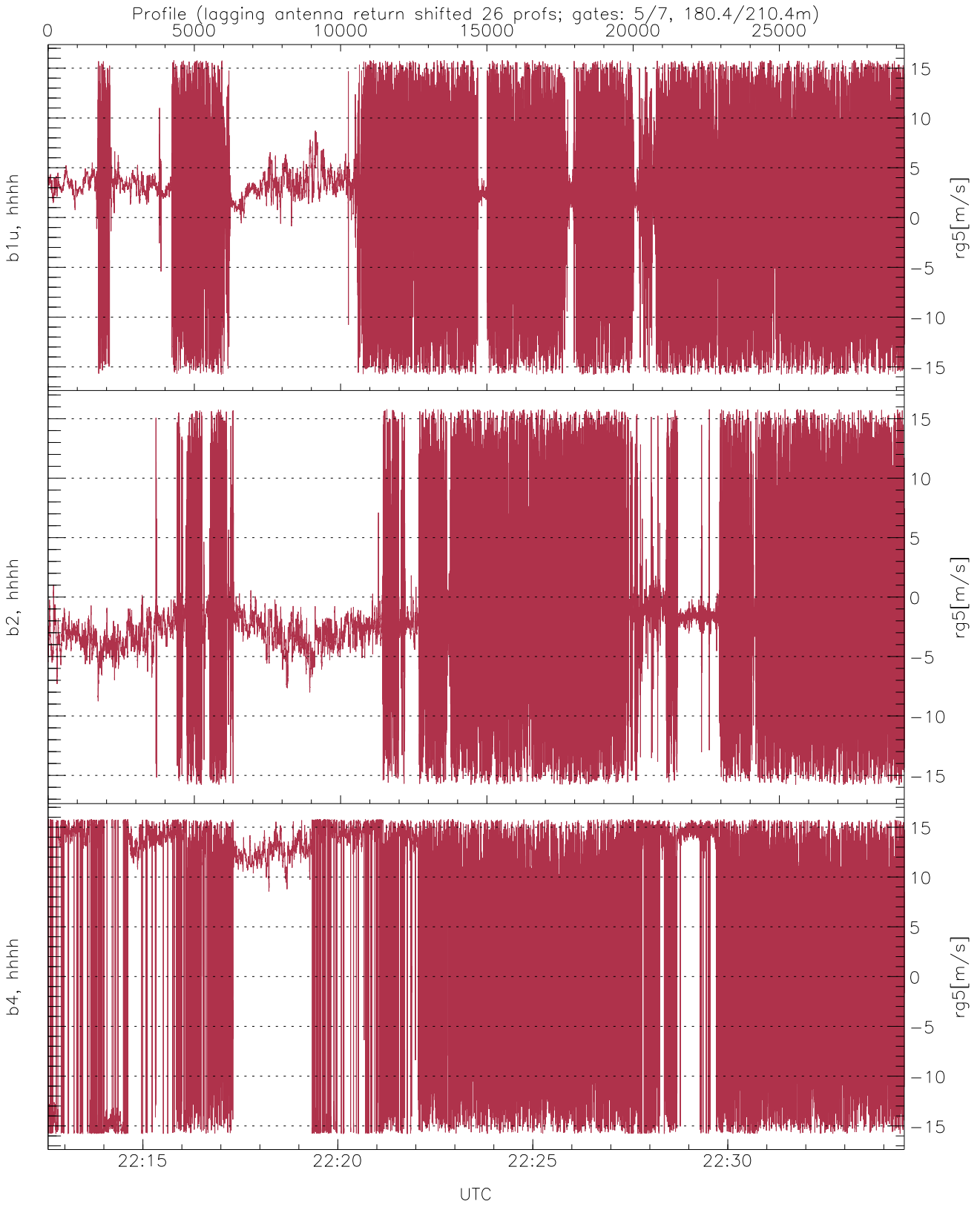
	Min	Max	Mean
up(hh[dBm])	-66.56	-5.99	-21.05
down(hh[dBm])	-66.44	-6.35	-21.07
down-fore(hh[dBm])	-66.21	-8.80	-24.82





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

	Min	Max	Mean
up/down(dB)	-47.71	29.30	-3.53
down/down-fore(dB)	-32.50	38.19	2.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.15	7.21
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.32	6.45
b4, hhhh(rg5[m/s])	-15.79	15.79	4.29	10.81