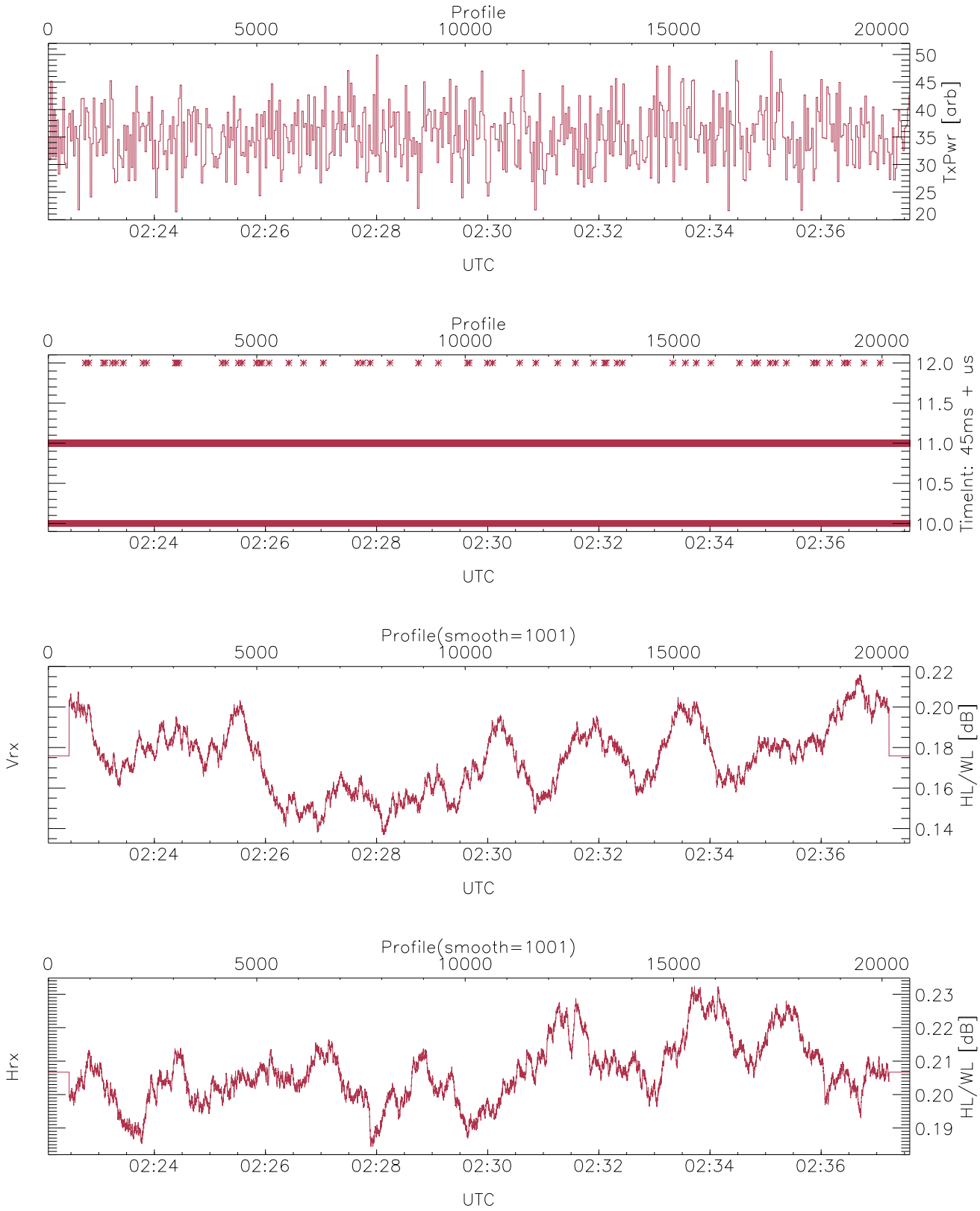
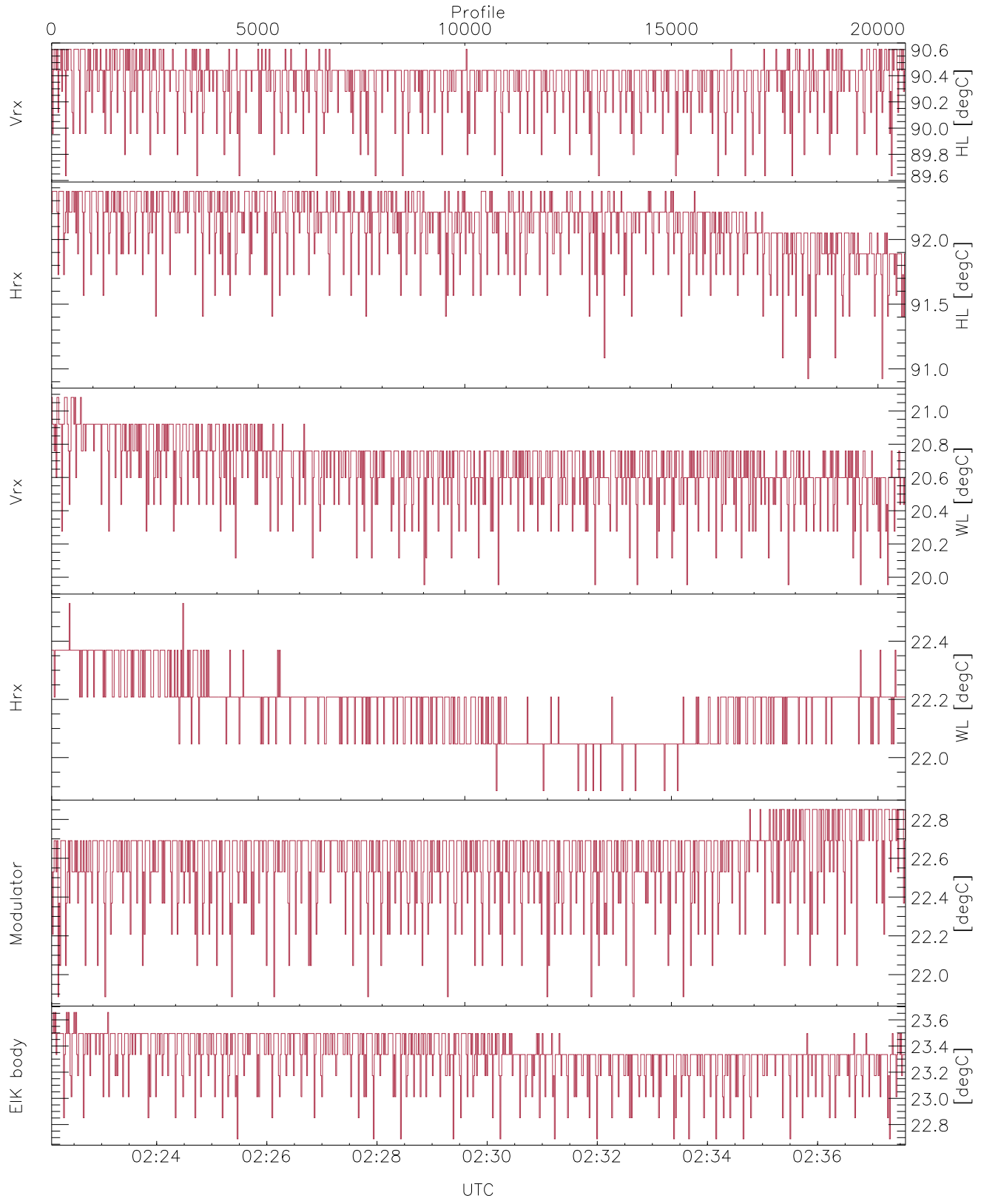


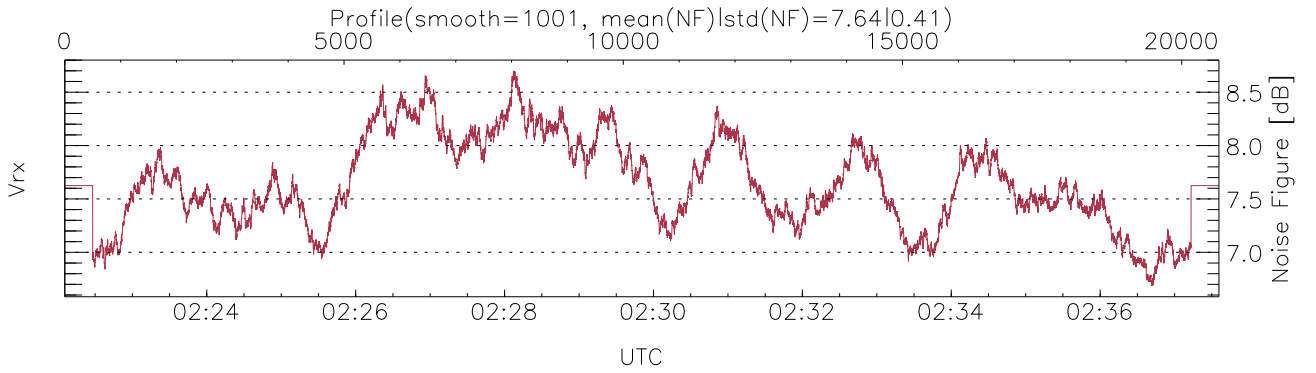
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

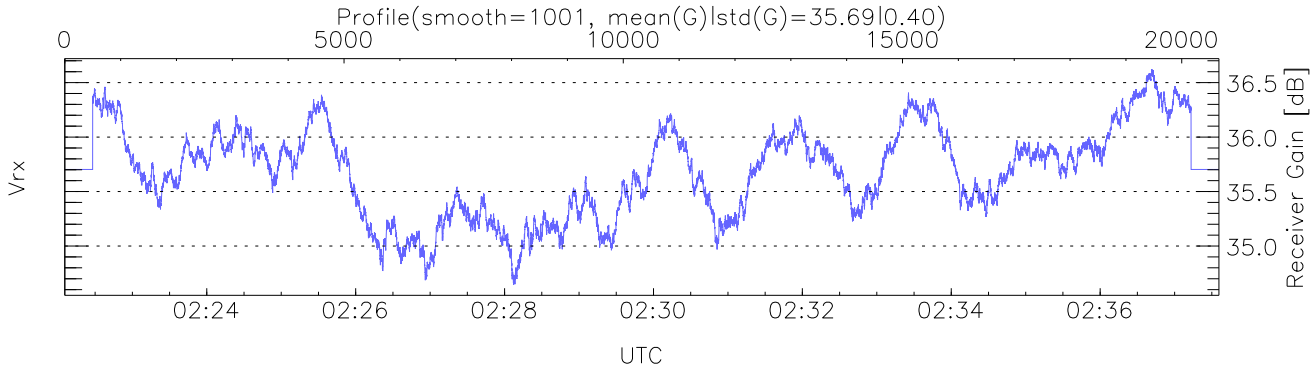
UTC: 02:22:06-02:37:36, TimeCor: 0.00s, Dur: 930.20s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 20667/20667, 0-20666/02:22:06-02:37:36
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

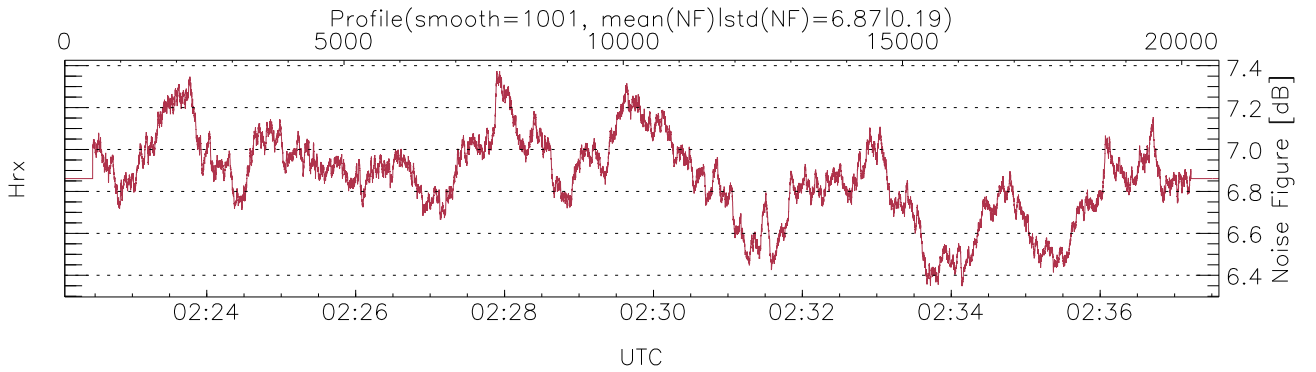


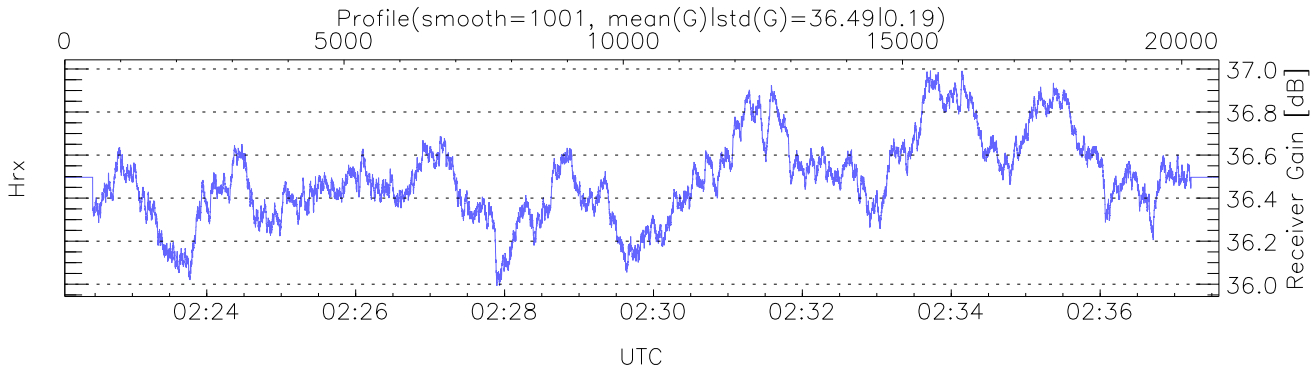
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,19,21,21,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,21,22,22,23
LOalarm(20,240,2817,14861 MHz): 0,0,138,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (48,48,48,48,48,48,48,48)



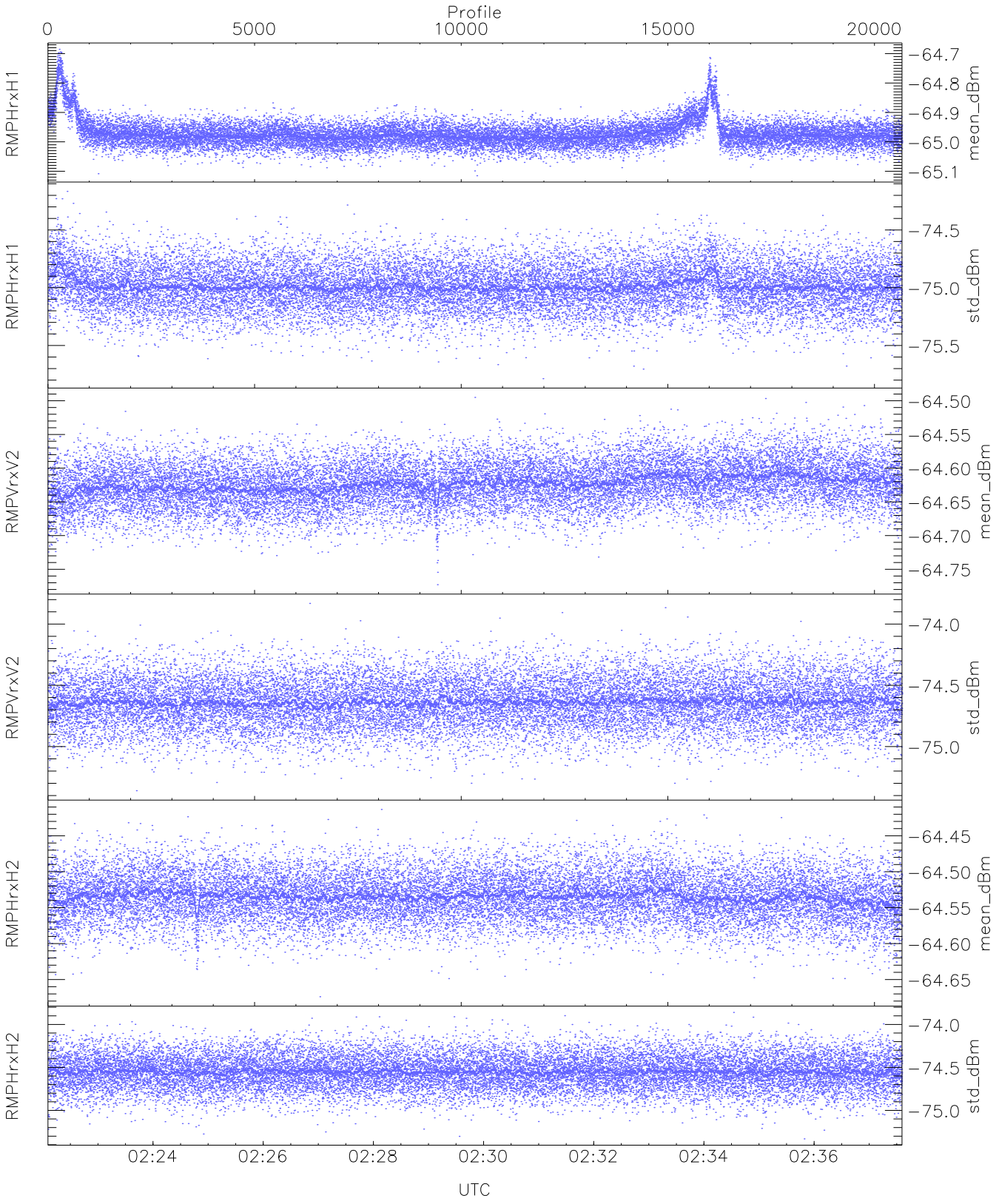






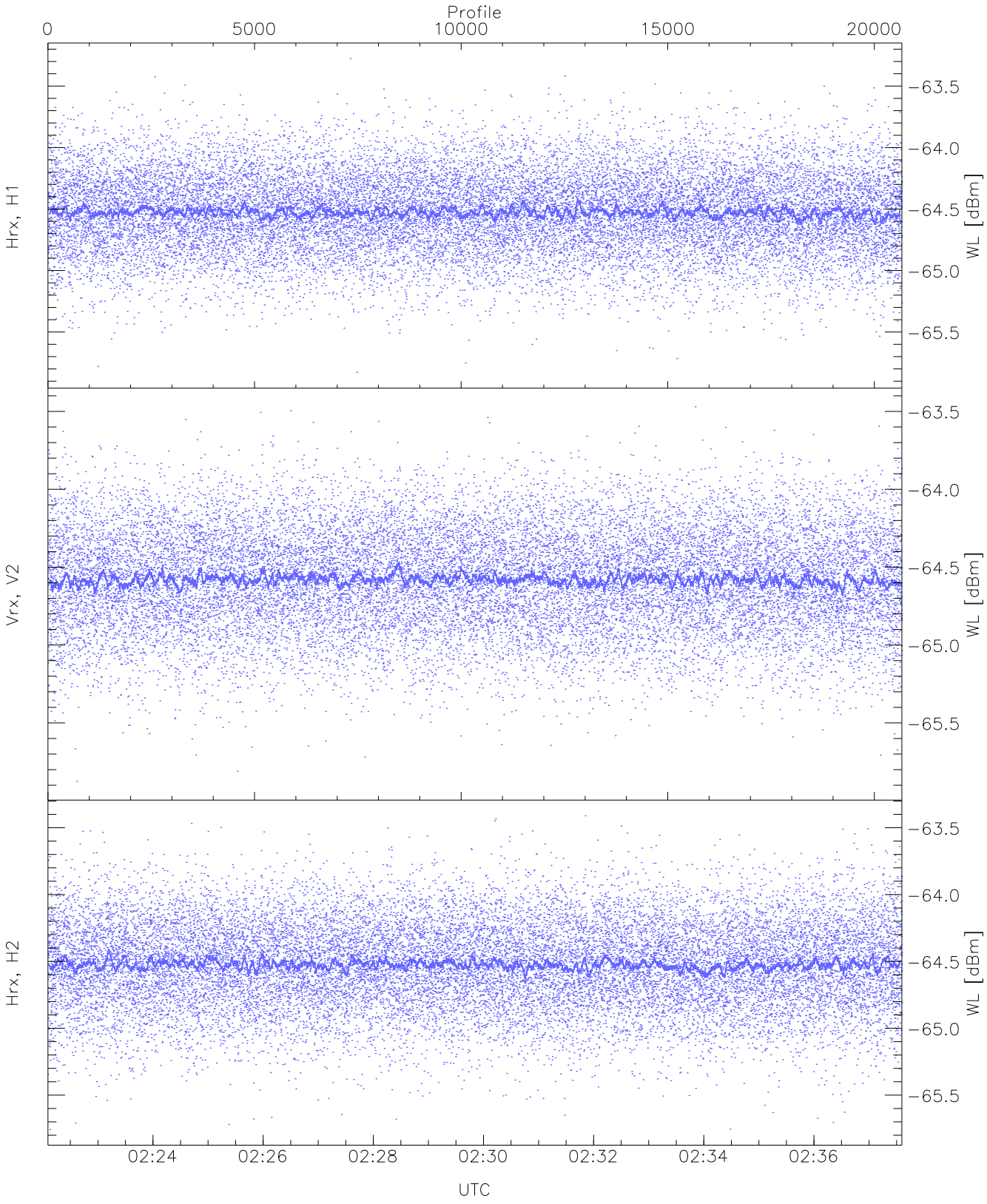
WCR3 CPP Receivers Gain and Noise Figure

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



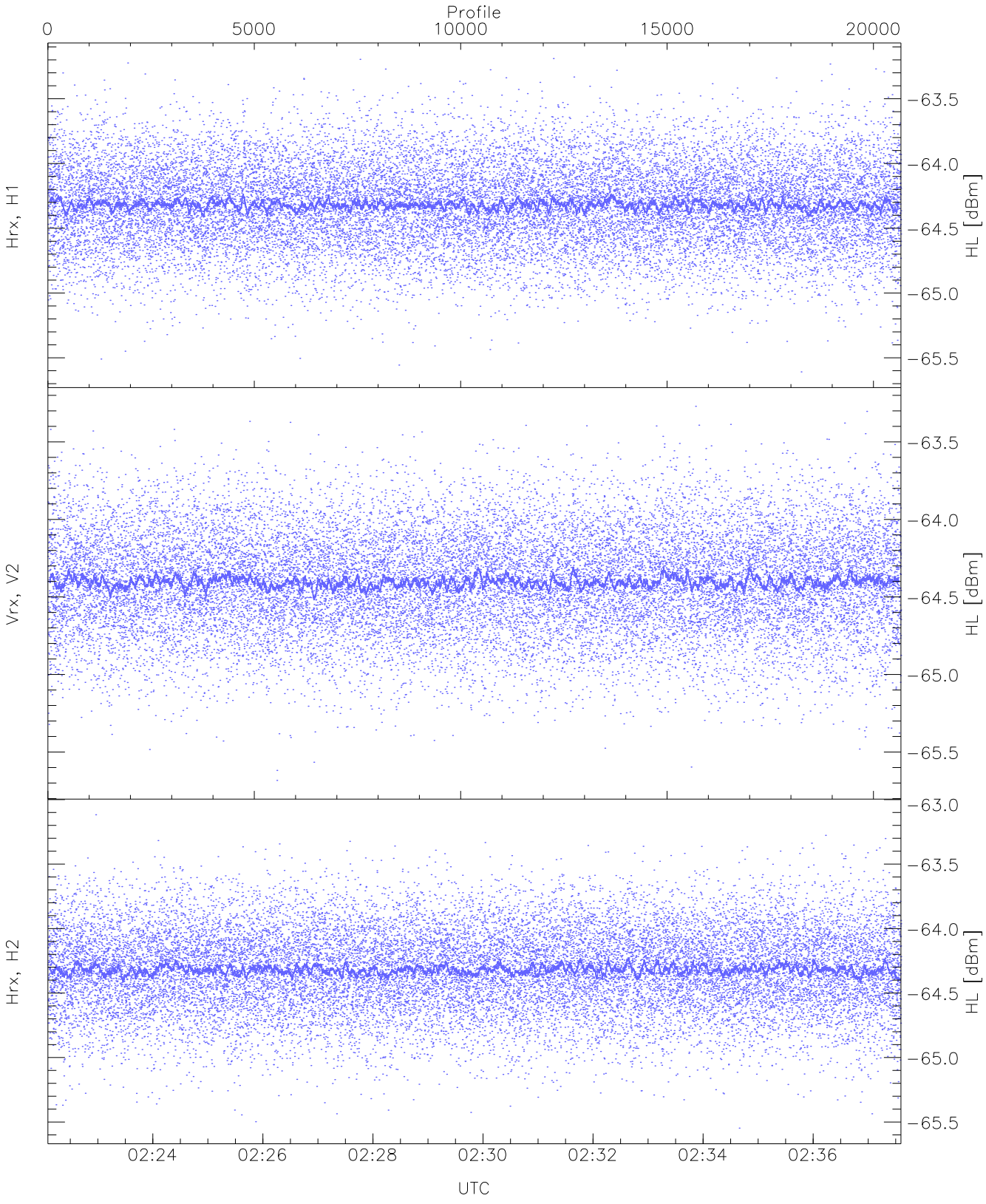
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.12	-64.69	-64.97	-64.98	-84.76
RMPHrxH1(std_dBm)	-75.79	-74.17	-74.99	-74.99	-88.72
RMPVrxV2(mean_dBm)	-64.77	-64.50	-64.62	-64.62	-86.07
RMPVrxV2(std_dBm)	-75.36	-73.83	-74.64	-74.64	-88.40
RMPHrxH2(mean_dBm)	-64.67	-64.41	-64.54	-64.54	-86.08
RMPHrxH2(std_dBm)	-75.33	-73.86	-74.55	-74.55	-88.31



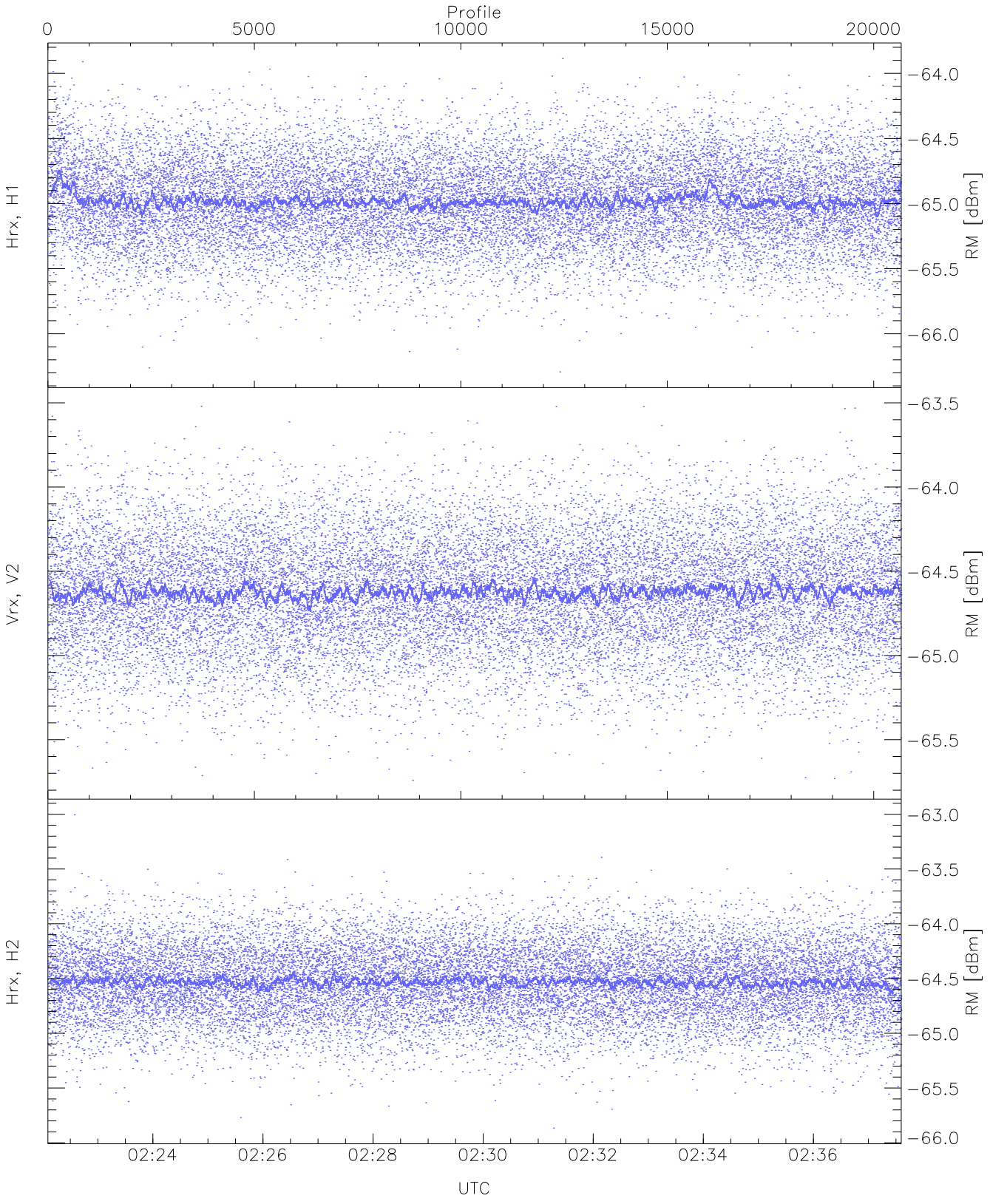
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.83	-63.28	-64.52	-64.53	-76.03
Vrx, V2(WL [dBm])	-65.88	-63.47	-64.57	-64.58	-76.08
Hrx, H2(WL [dBm])	-65.76	-63.41	-64.52	-64.52	-76.01



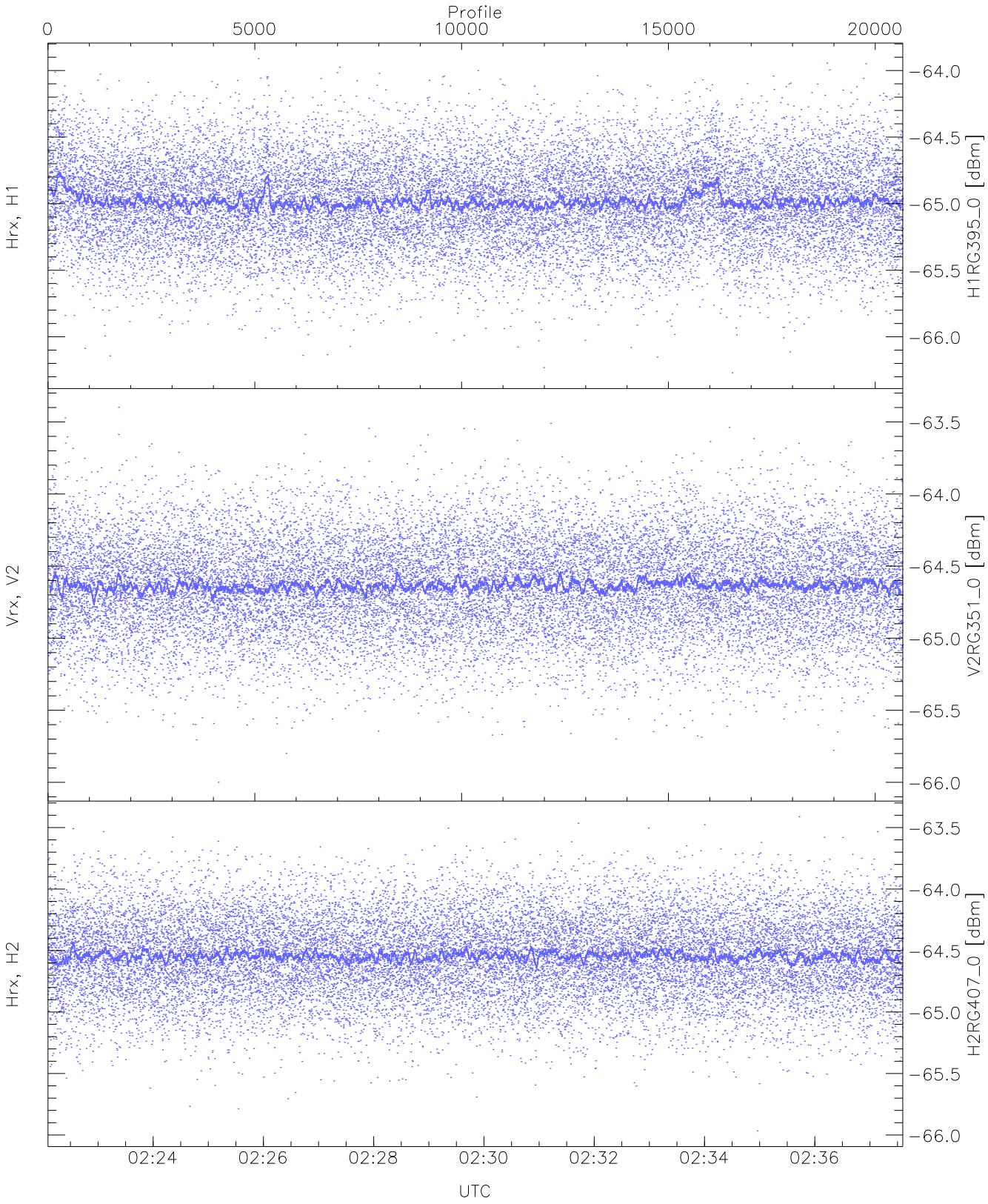
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.61	-63.19	-64.31	-64.32	-75.80
Vrx, V2(HL [dBm])	-65.68	-63.27	-64.40	-64.40	-75.88
Hrx, H2(HL [dBm])	-65.55	-63.12	-64.31	-64.32	-75.82



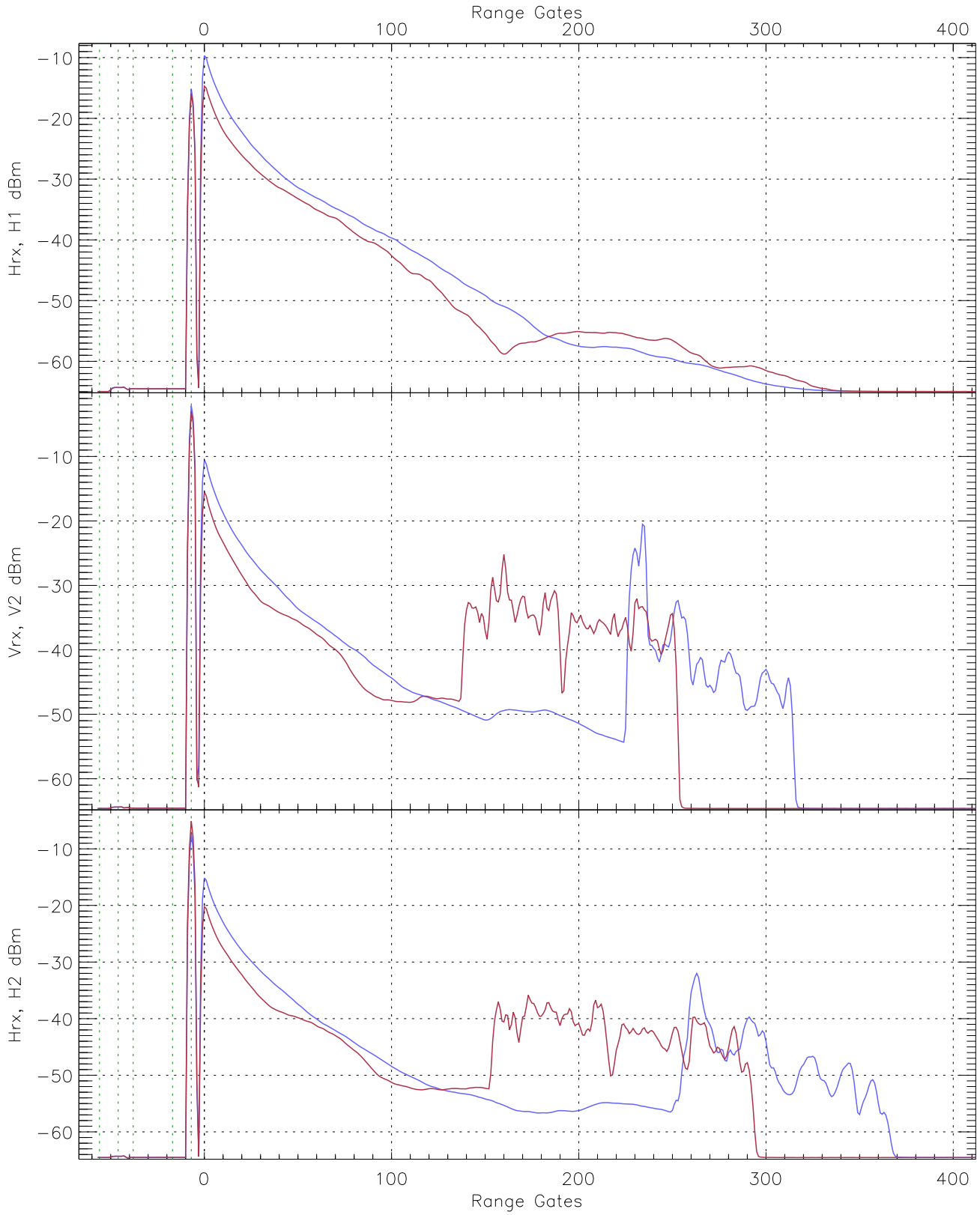
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.29	-63.89	-64.98	-64.98	-76.48
Vrx, V2(RM [dBm])	-65.74	-63.52	-64.62	-64.63	-76.12
Hrx, H2(RM [dBm])	-65.87	-63.00	-64.53	-64.54	-76.01

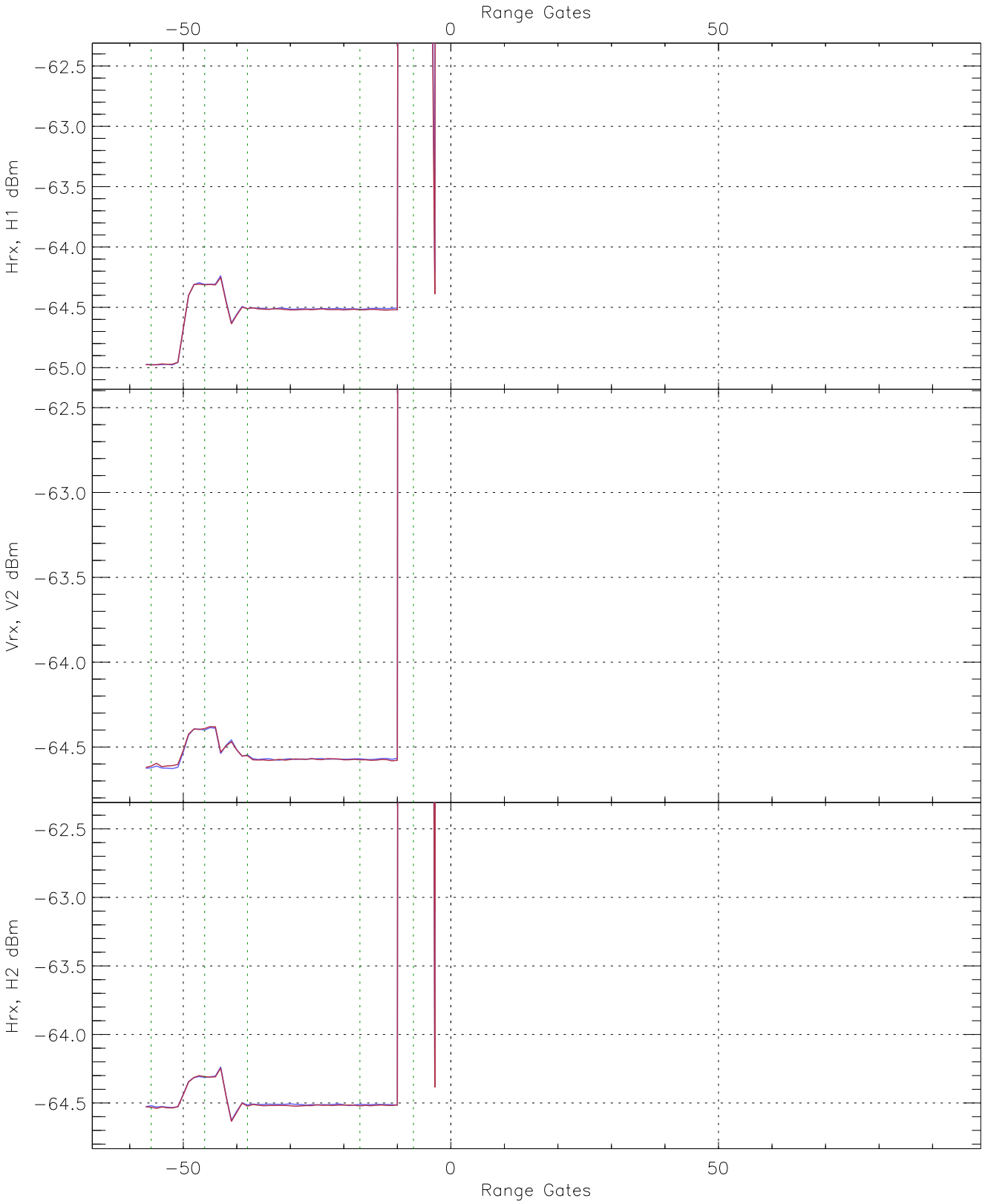


WCR3 CPP "Best" estimate Receivers Noise Power

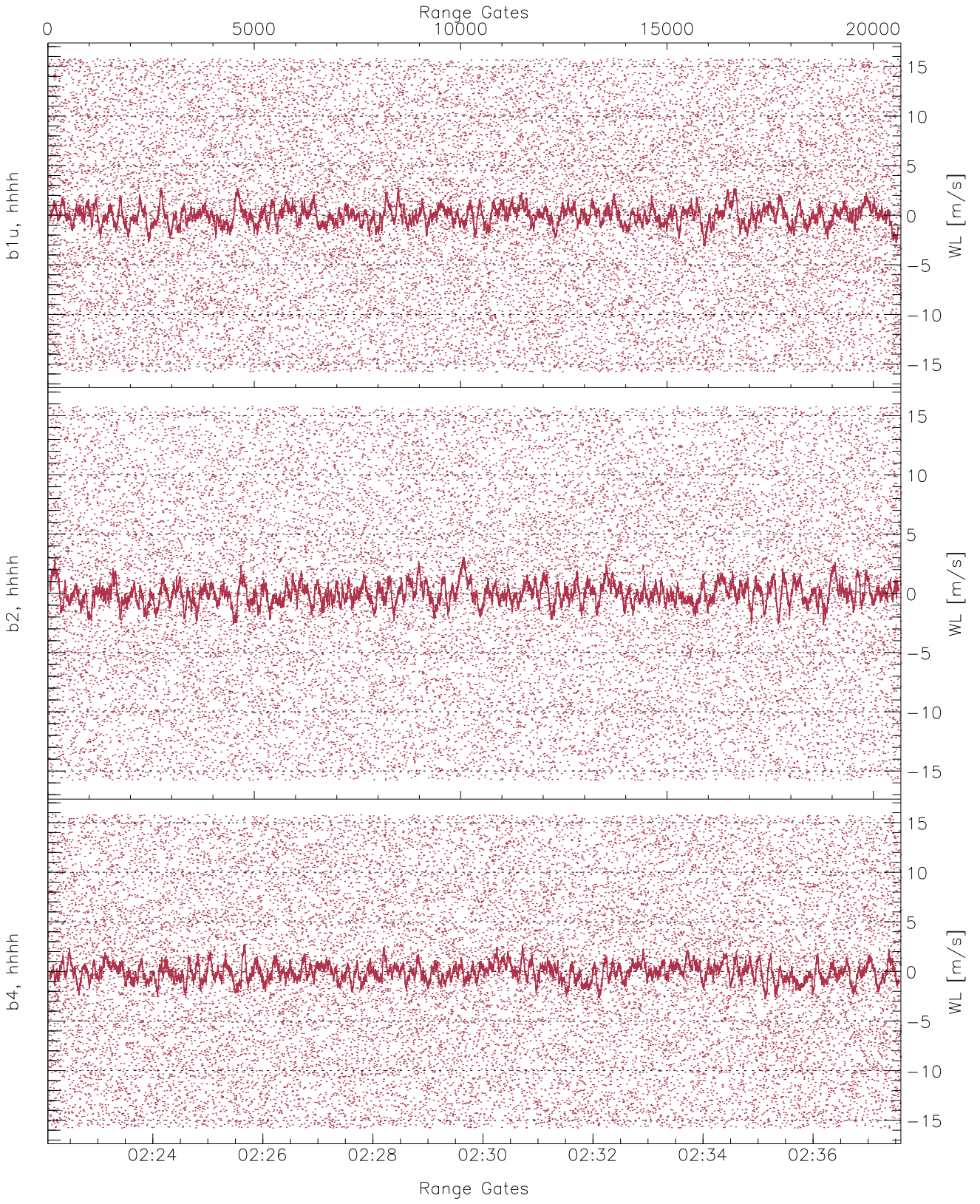
	Min	Max	Mean	Median	StDev
H1RG395_0 [dBm]	-66.27	-63.91	-64.98	-64.98	-76.46
V2RG351_0 [dBm]	-66.00	-63.40	-64.63	-64.63	-76.12
H2RG407_0 [dBm]	-65.97	-63.41	-64.54	-64.54	-76.02



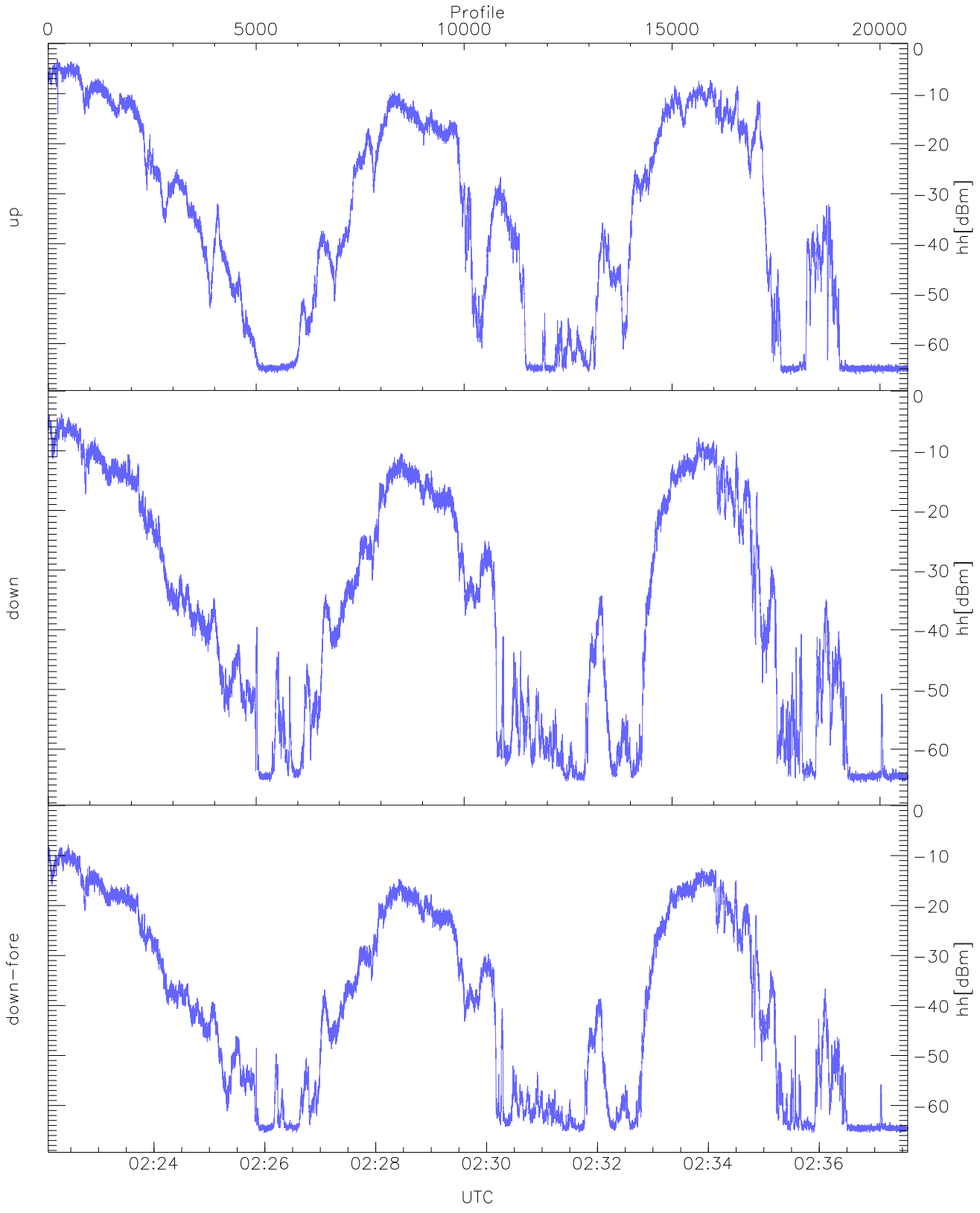
WCR3 CPP Averaged Received power for all recorded gates
blue: 022206-022951, 10334 profiles averaged
red: 022951-023736, 10334 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 022206-022951, 10334 profiles averaged
red: 022951-023736, 10334 profiles averaged

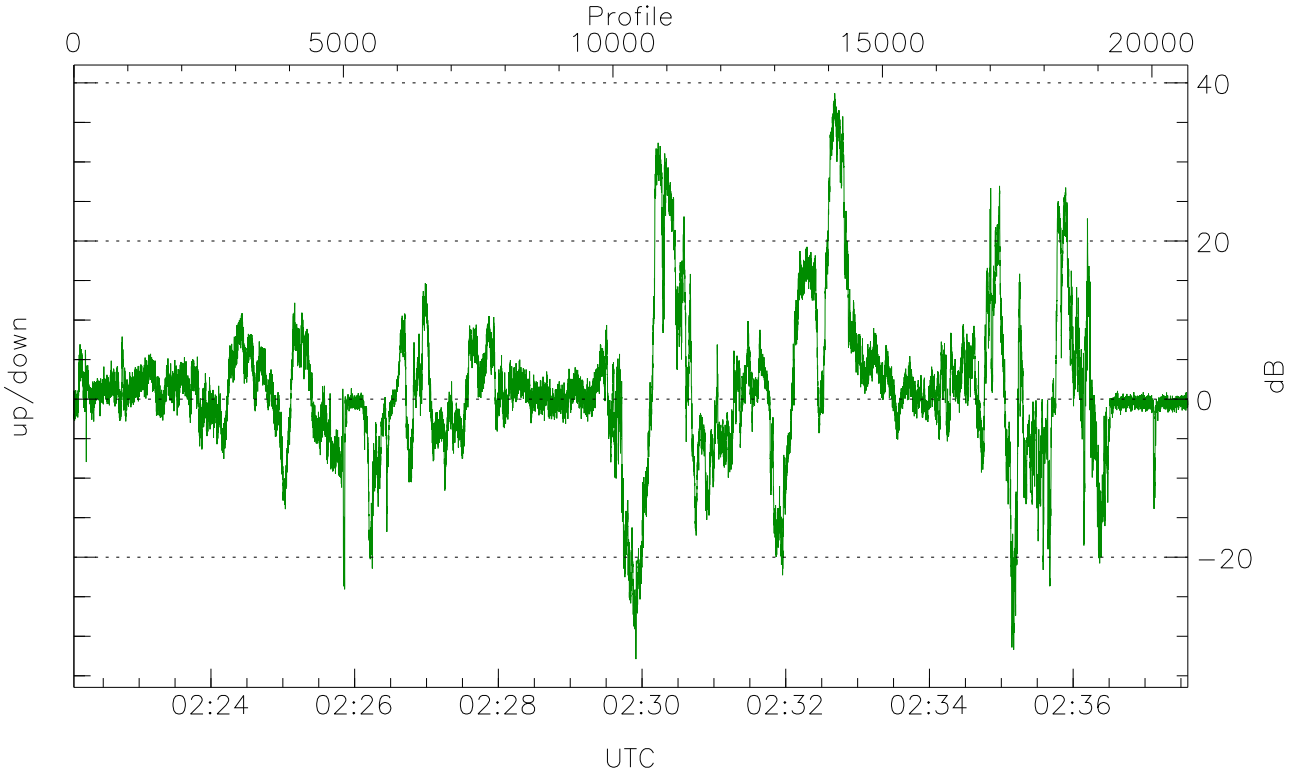


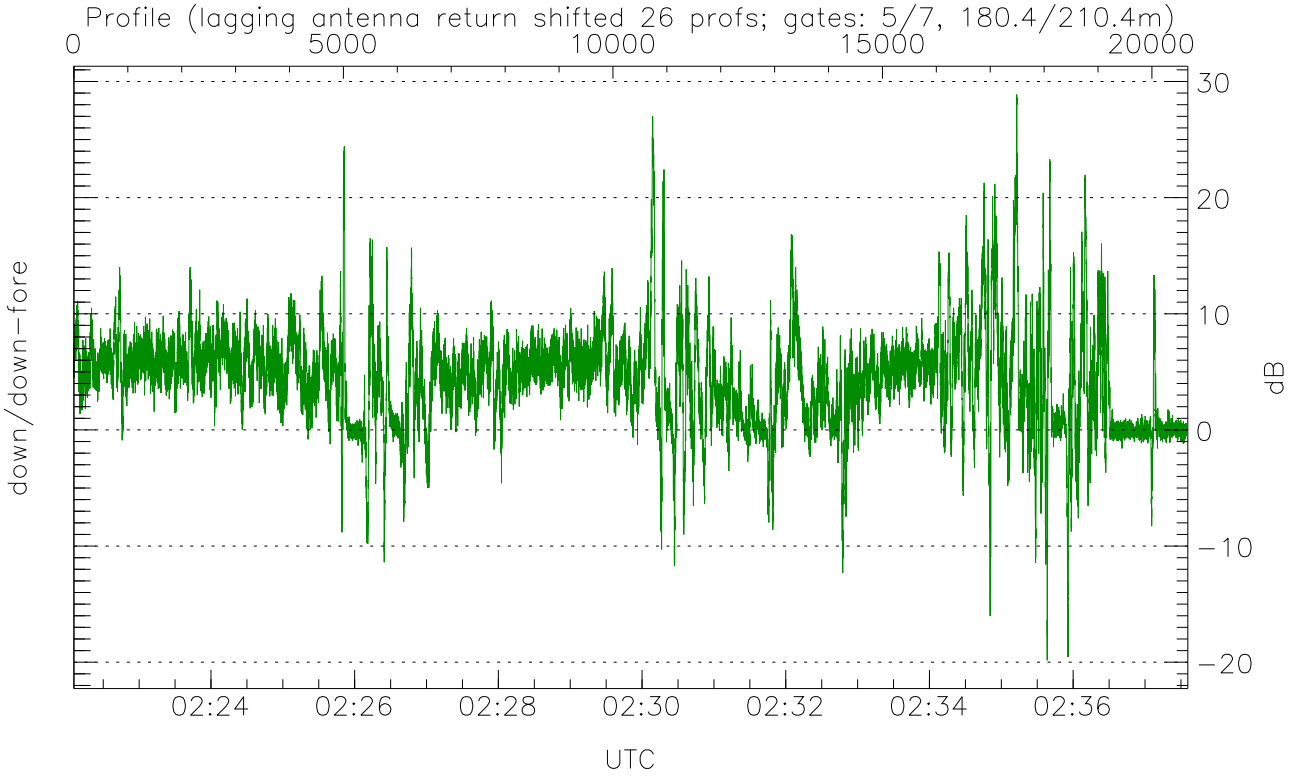
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

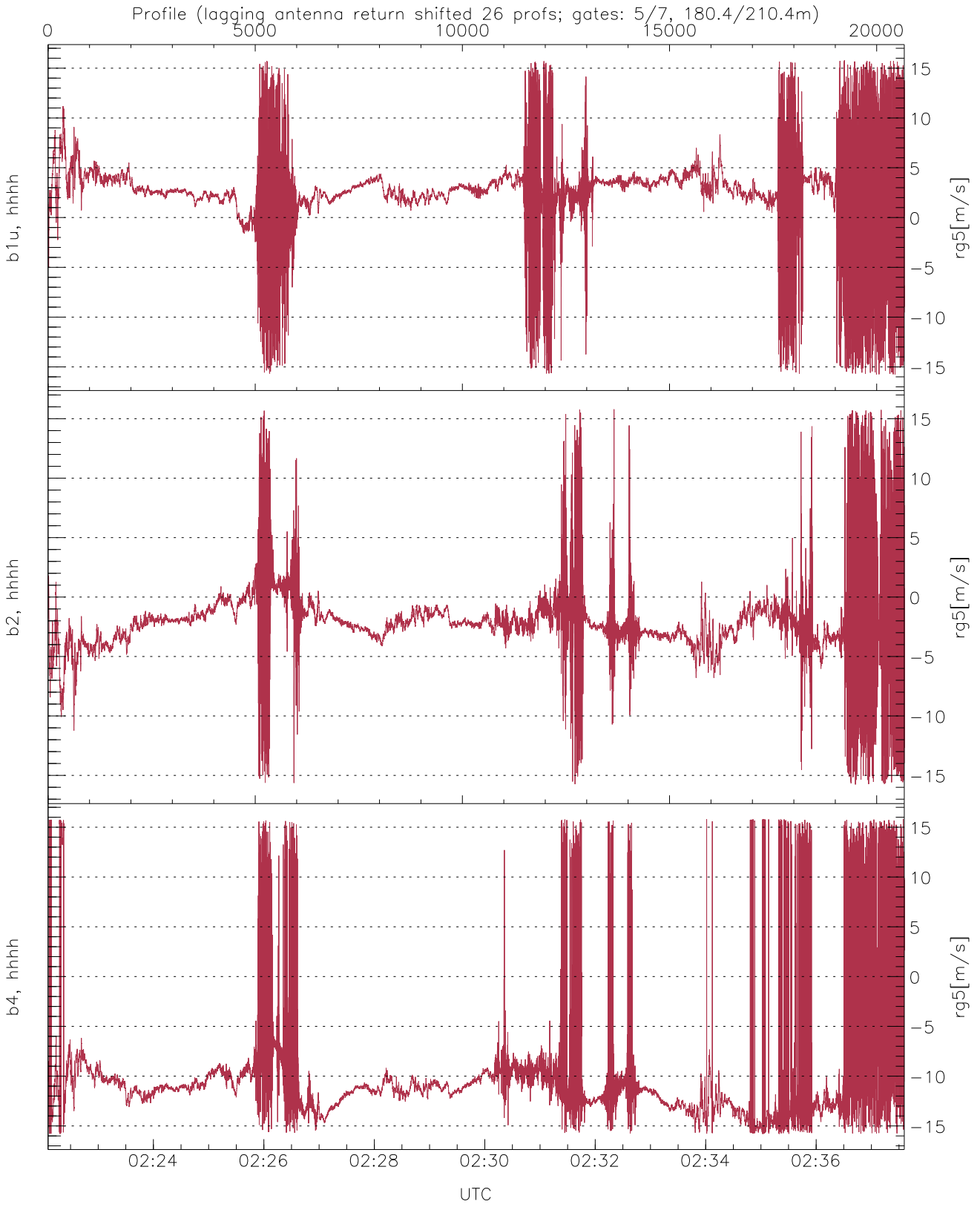
	Min	Max	Mean
up(hh[dBm])	-66.21	-3.06	-15.70
down(hh[dBm])	-65.63	-3.67	-16.98
down-fore(hh[dBm])	-65.52	-7.85	-21.30





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

	Min	Max	Mean
up/down(dB)	-32.88	38.68	1.13
down/down-fore(dB)	-19.83	28.88	4.37



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	2.47	3.69
b2, hhhh(rg5[m/s])	-15.77	15.79	-2.06	2.98
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.75	5.82