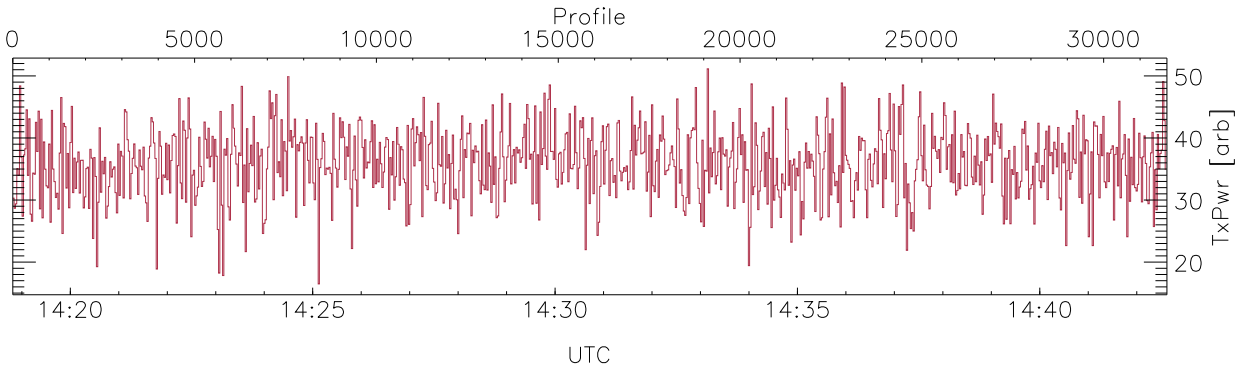
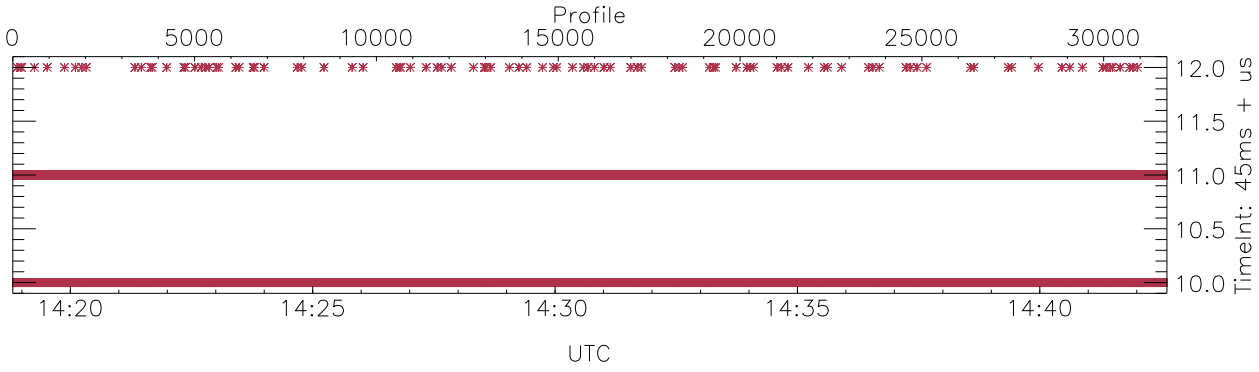
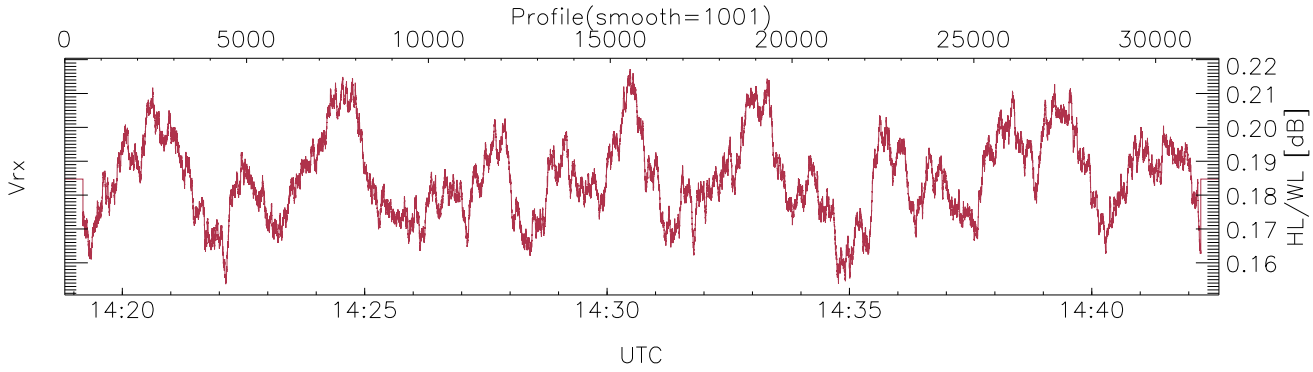
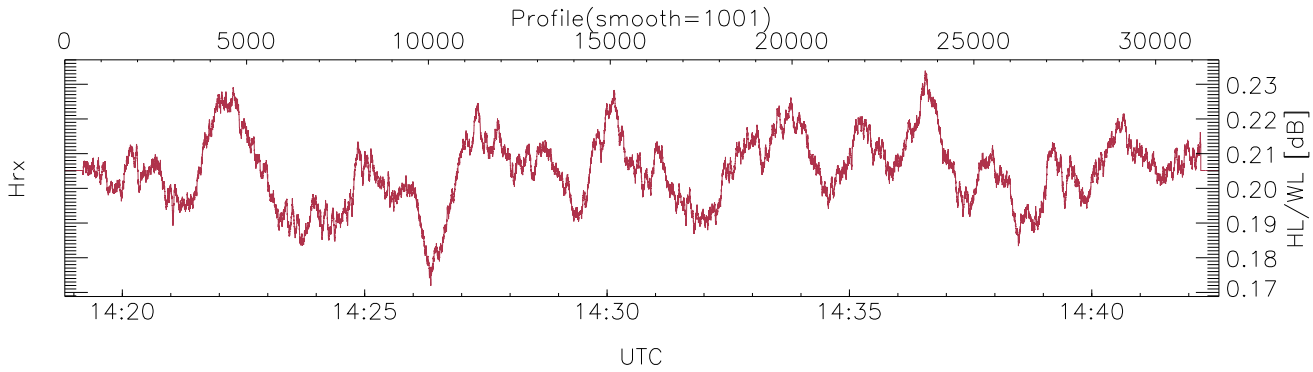


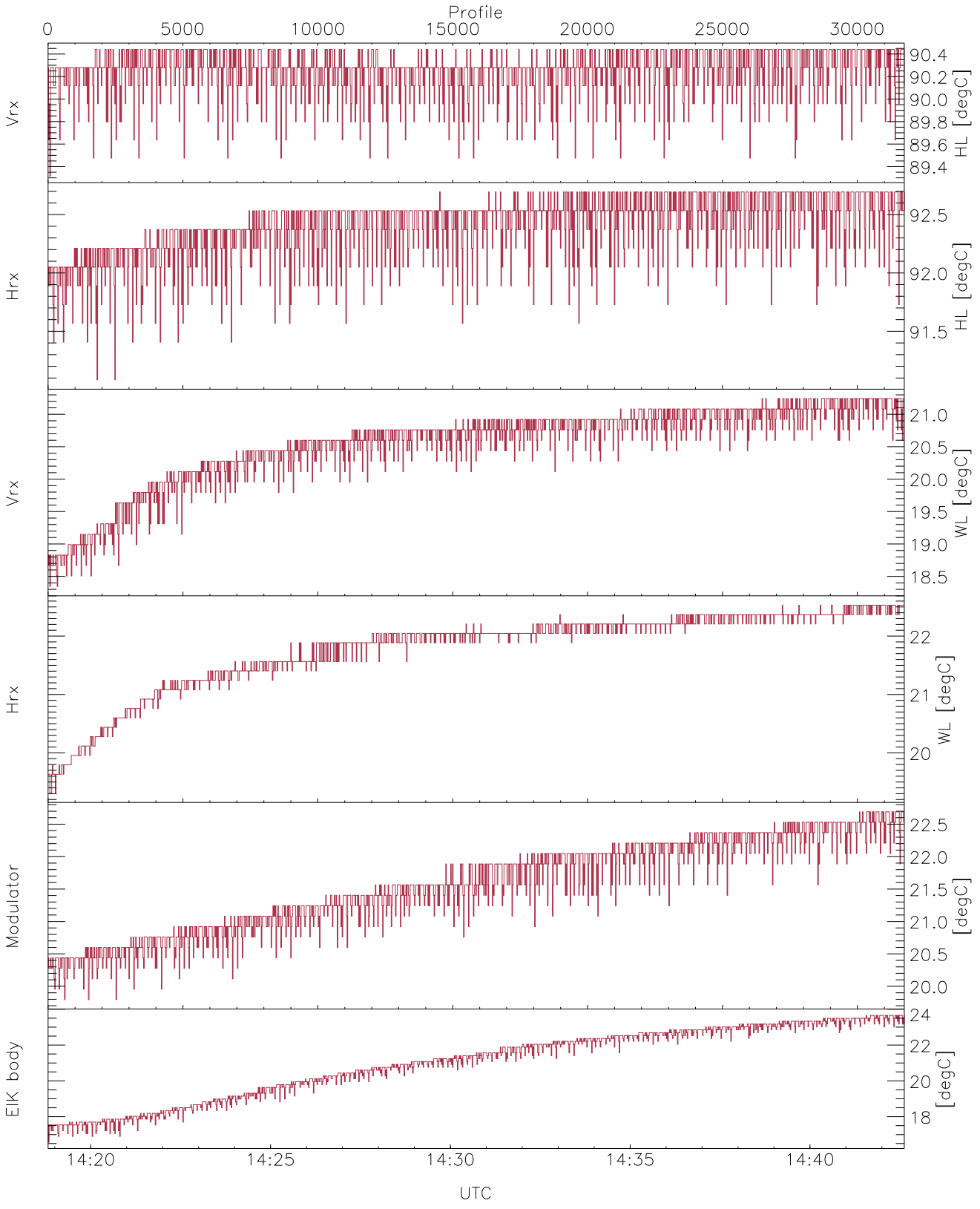






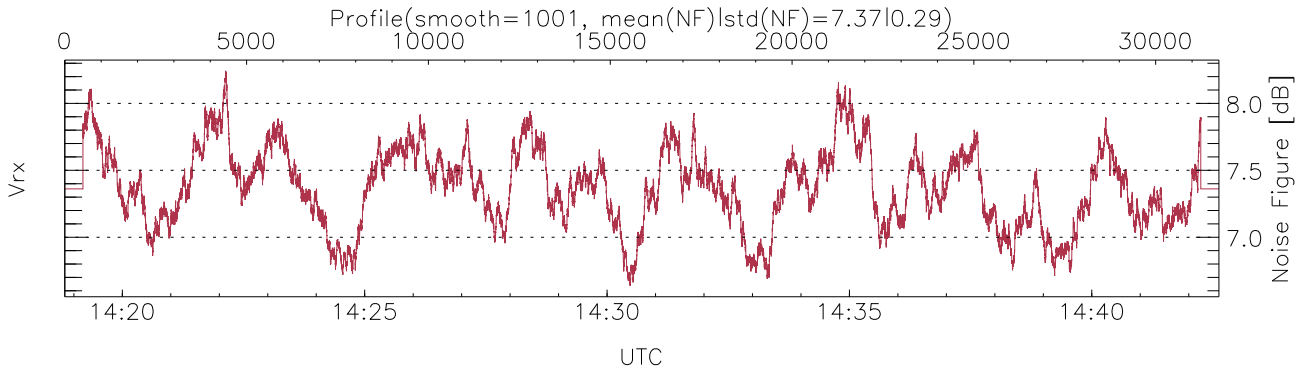
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

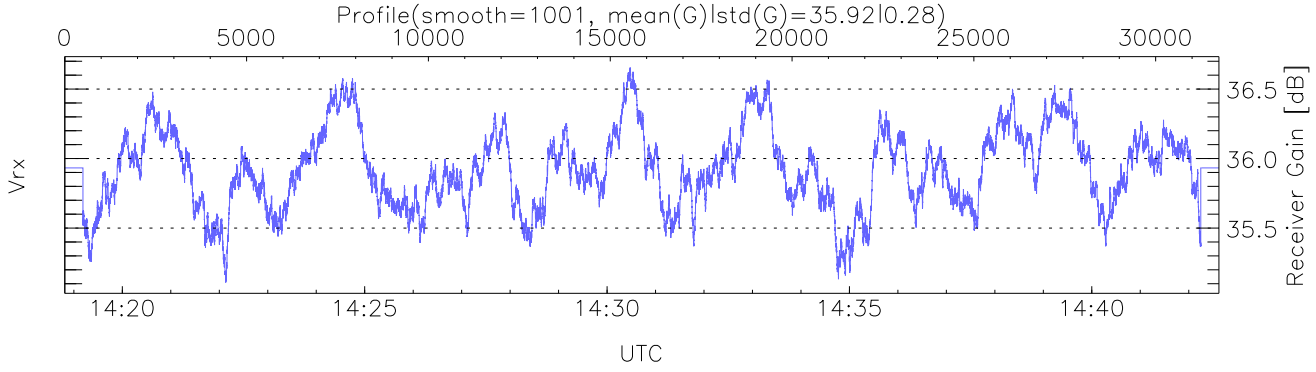
UTC: 14:18:49-14:42:37, TimeCor: 0.00s, Dur: 1428.66s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 31741/31741, 0-31740/14:18:49-14:42:37
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

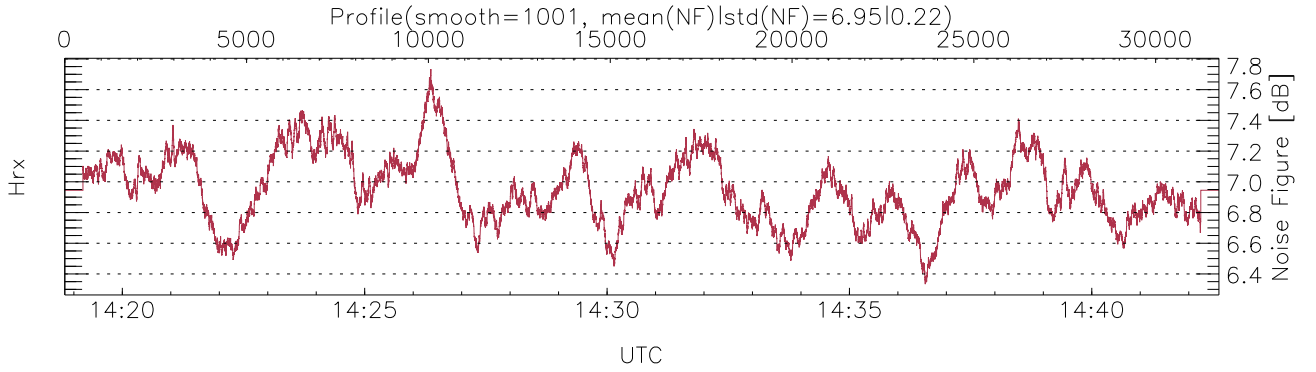


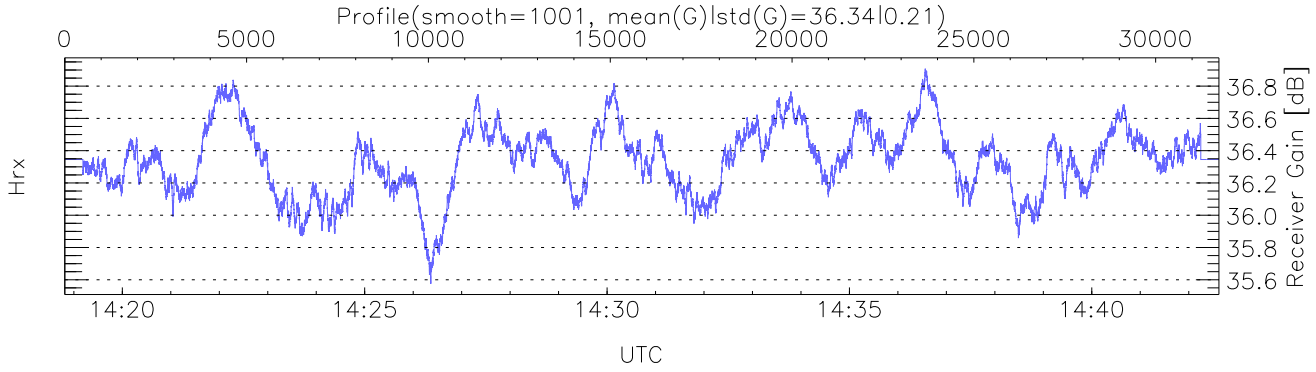
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,18,19,19,16
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,21,22,22,23
LOalarm(20,240,2817,14861 MHz): 0,0,66,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (46,46,46,46,46,46,46,24)



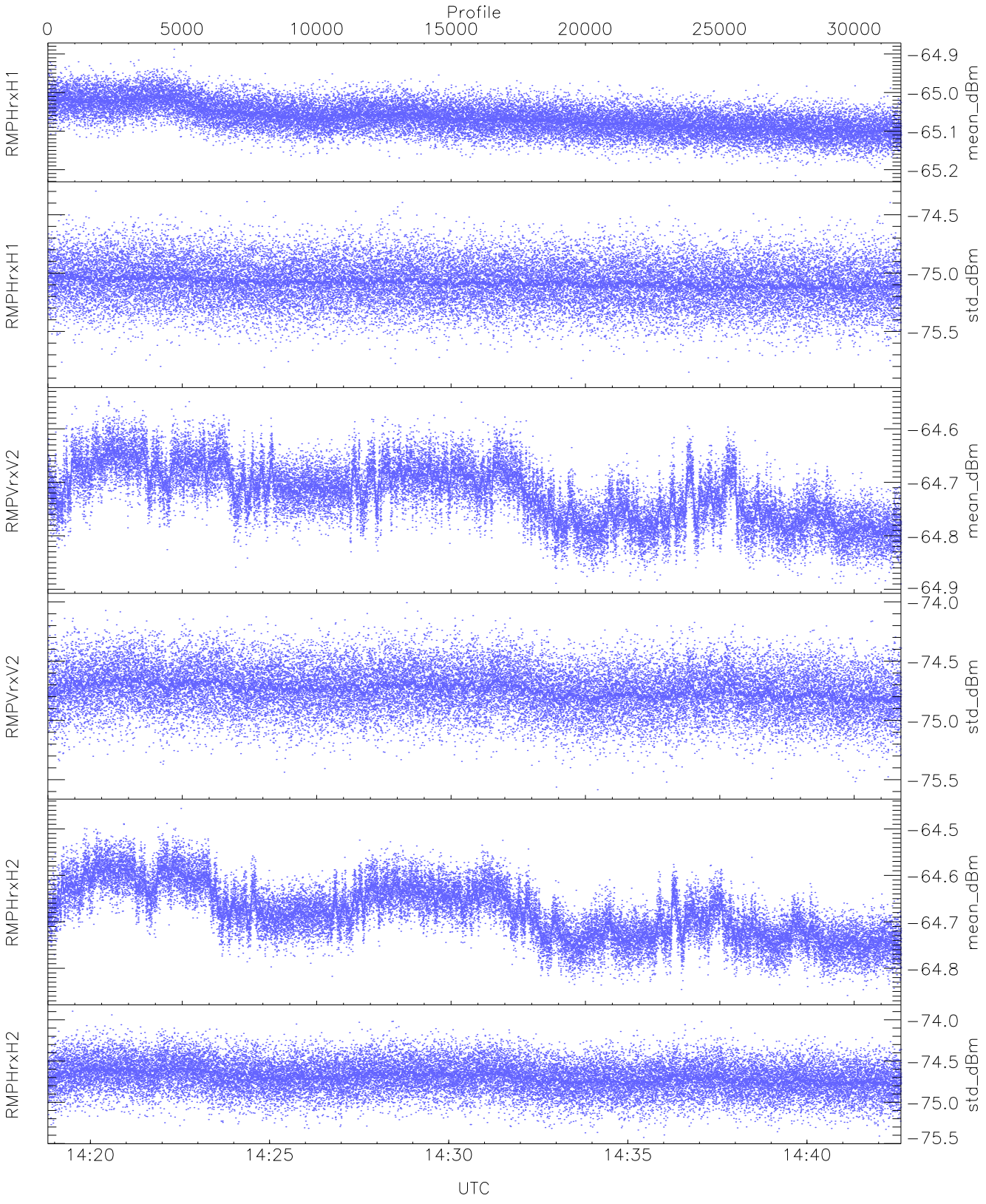






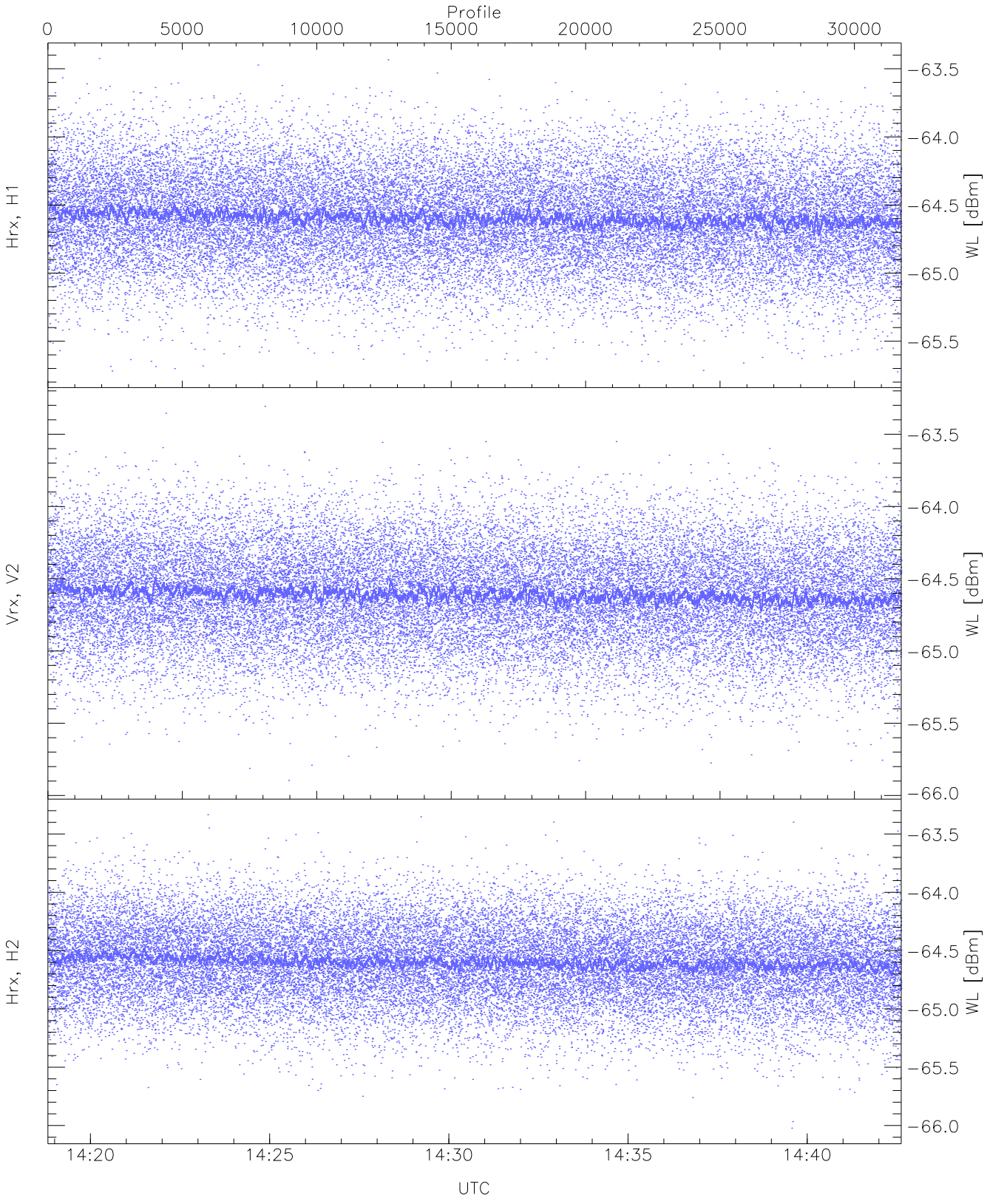
WCR3 CPP Receivers Gain and Noise Figure

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



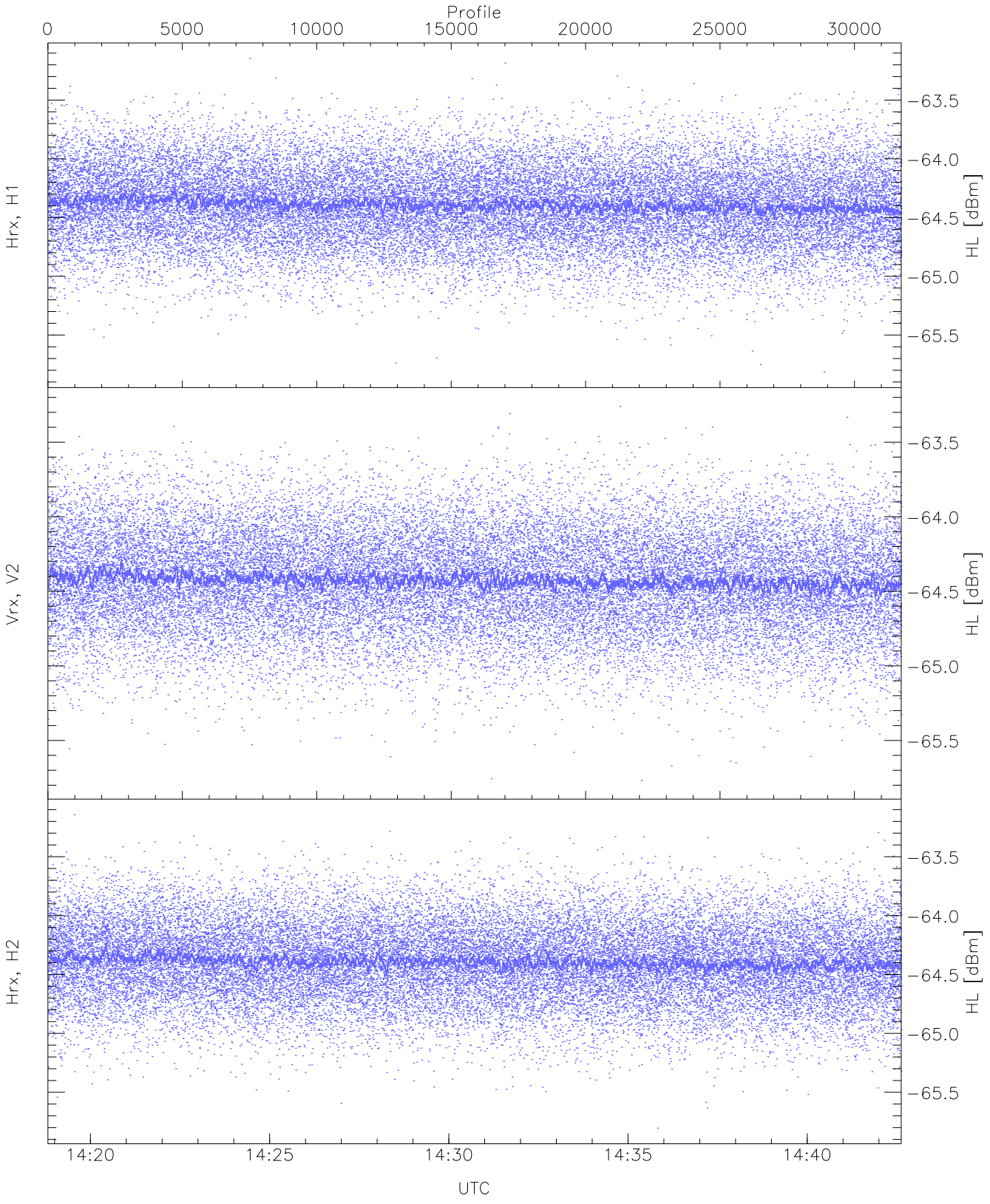
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.21	-64.89	-65.07	-65.07	-85.47
RMPHrxH1(std_dBm)	-75.90	-74.30	-75.08	-75.08	-88.83
RMPVrxV2(mean_dBm)	-64.89	-64.54	-64.72	-64.72	-83.61
RMPVrxV2(std_dBm)	-75.58	-74.01	-74.74	-74.74	-88.35
RMPHrxH2(mean_dBm)	-64.86	-64.46	-64.68	-64.68	-83.25
RMPHrxH2(std_dBm)	-75.43	-73.90	-74.69	-74.69	-88.31



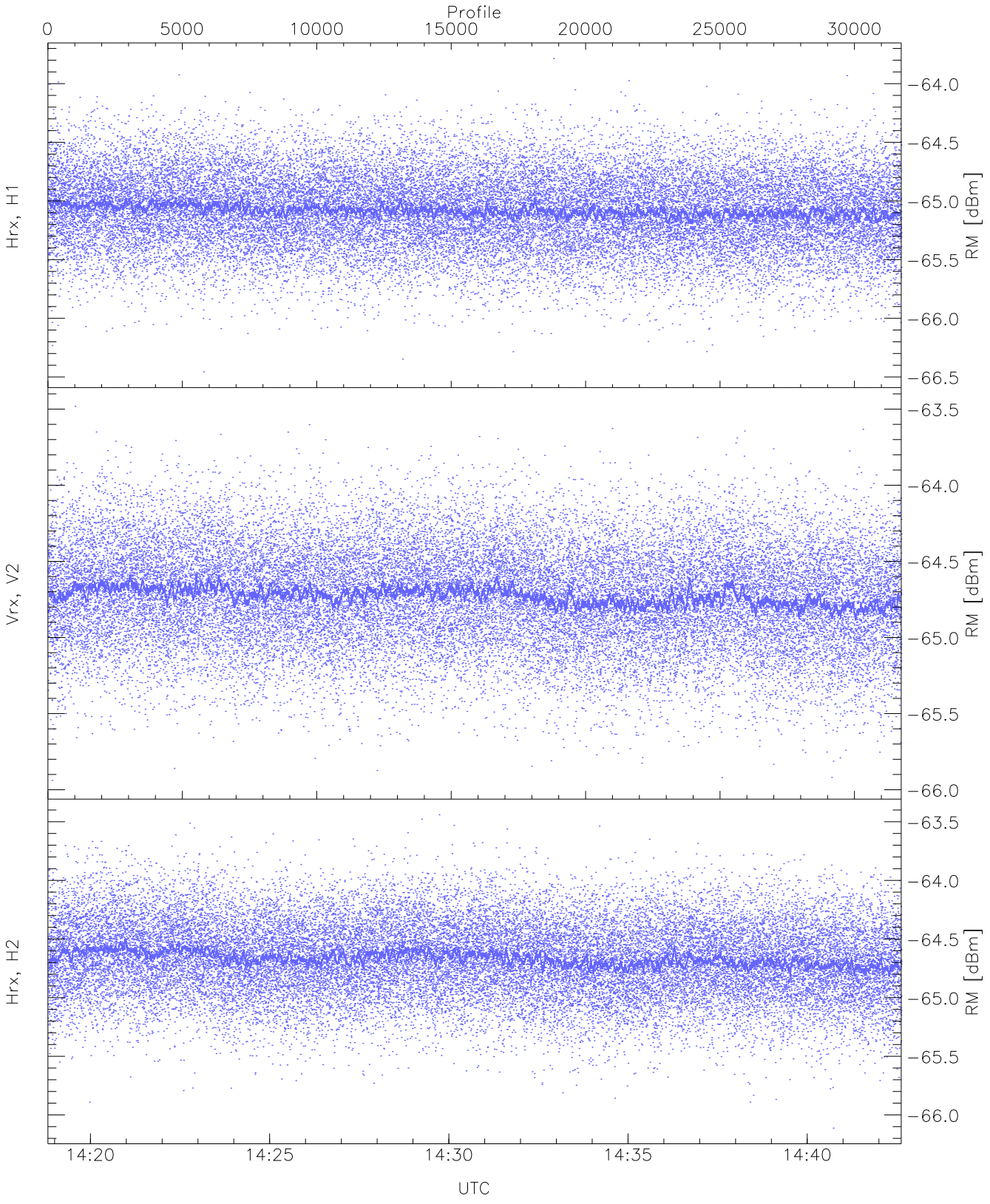
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.73	-63.43	-64.59	-64.60	-76.07
Vrx, V2(WL [dBm])	-65.90	-63.31	-64.61	-64.61	-76.11
Hrx, H2(WL [dBm])	-66.02	-63.34	-64.59	-64.60	-76.07



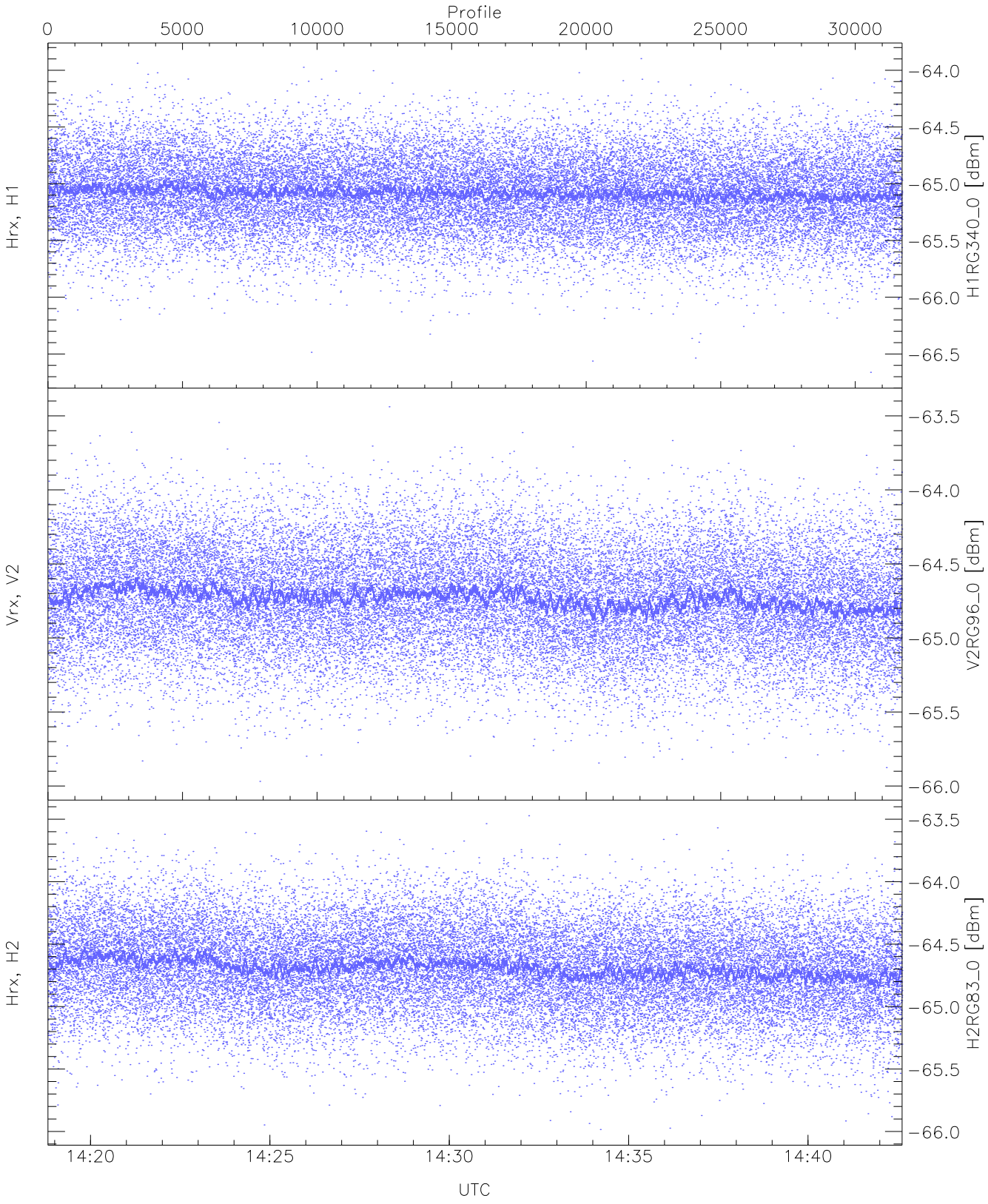
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.81	-63.15	-64.39	-64.39	-75.87
Vrx, V2(HL [dBm])	-65.77	-63.26	-64.42	-64.43	-75.92
Hrx, H2(HL [dBm])	-65.80	-63.14	-64.39	-64.39	-75.88



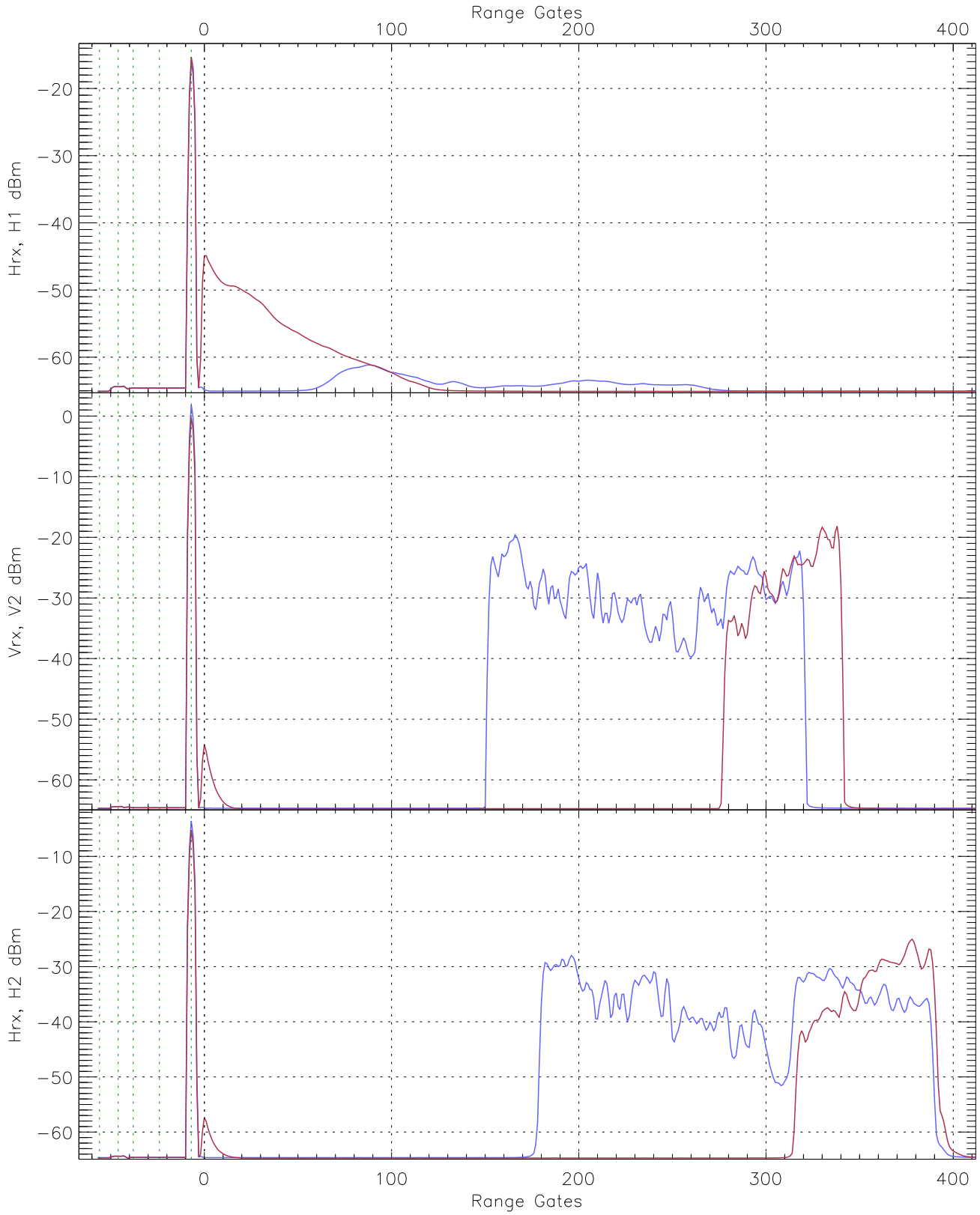
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.46	-63.79	-65.07	-65.08	-76.57
Vrx, V2(RM [dBm])	-65.94	-63.48	-64.72	-64.72	-76.16
Hrx, H2(RM [dBm])	-66.11	-63.44	-64.66	-64.67	-76.13

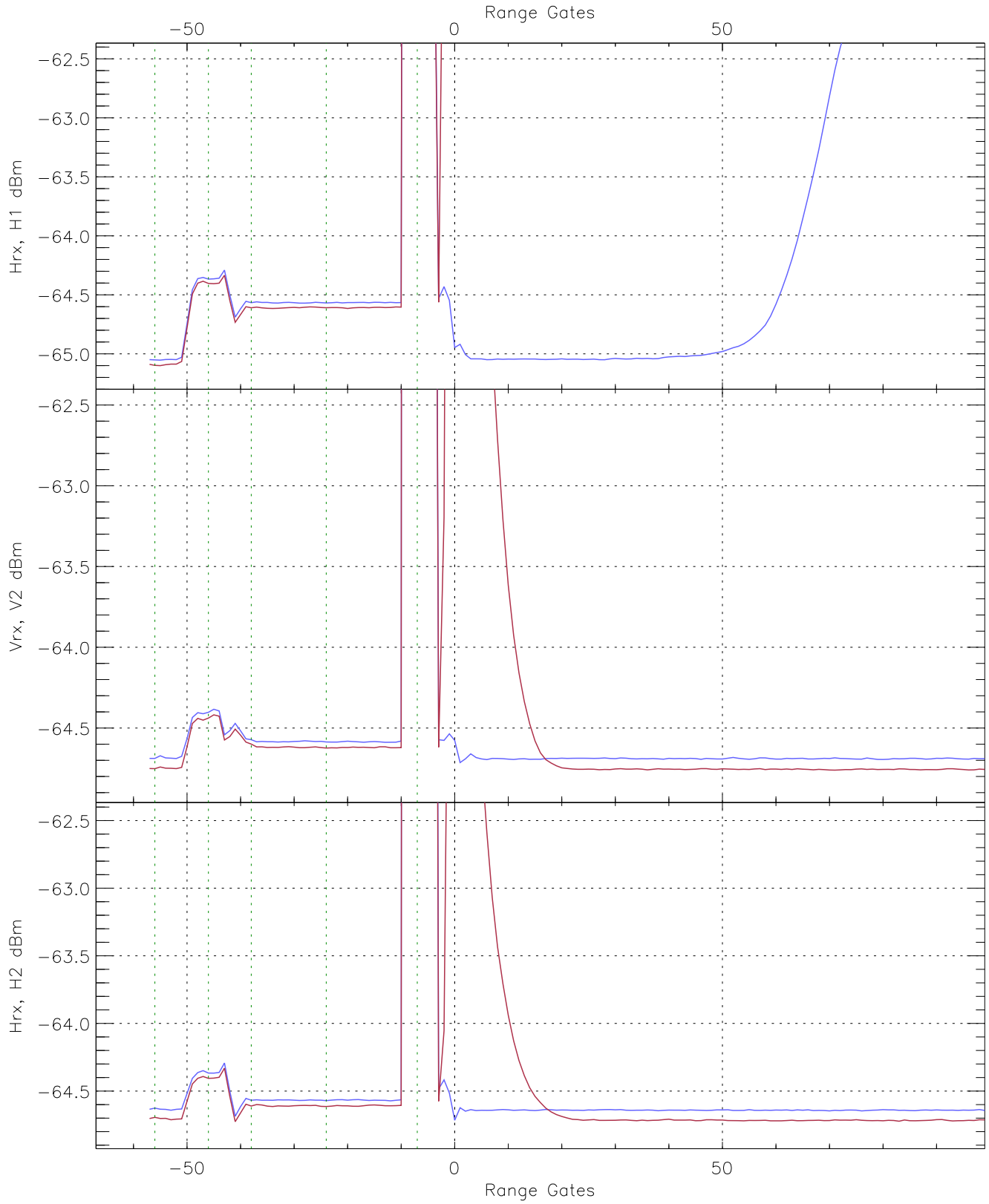


WCR3 CPP "Best" estimate Receivers Noise Power

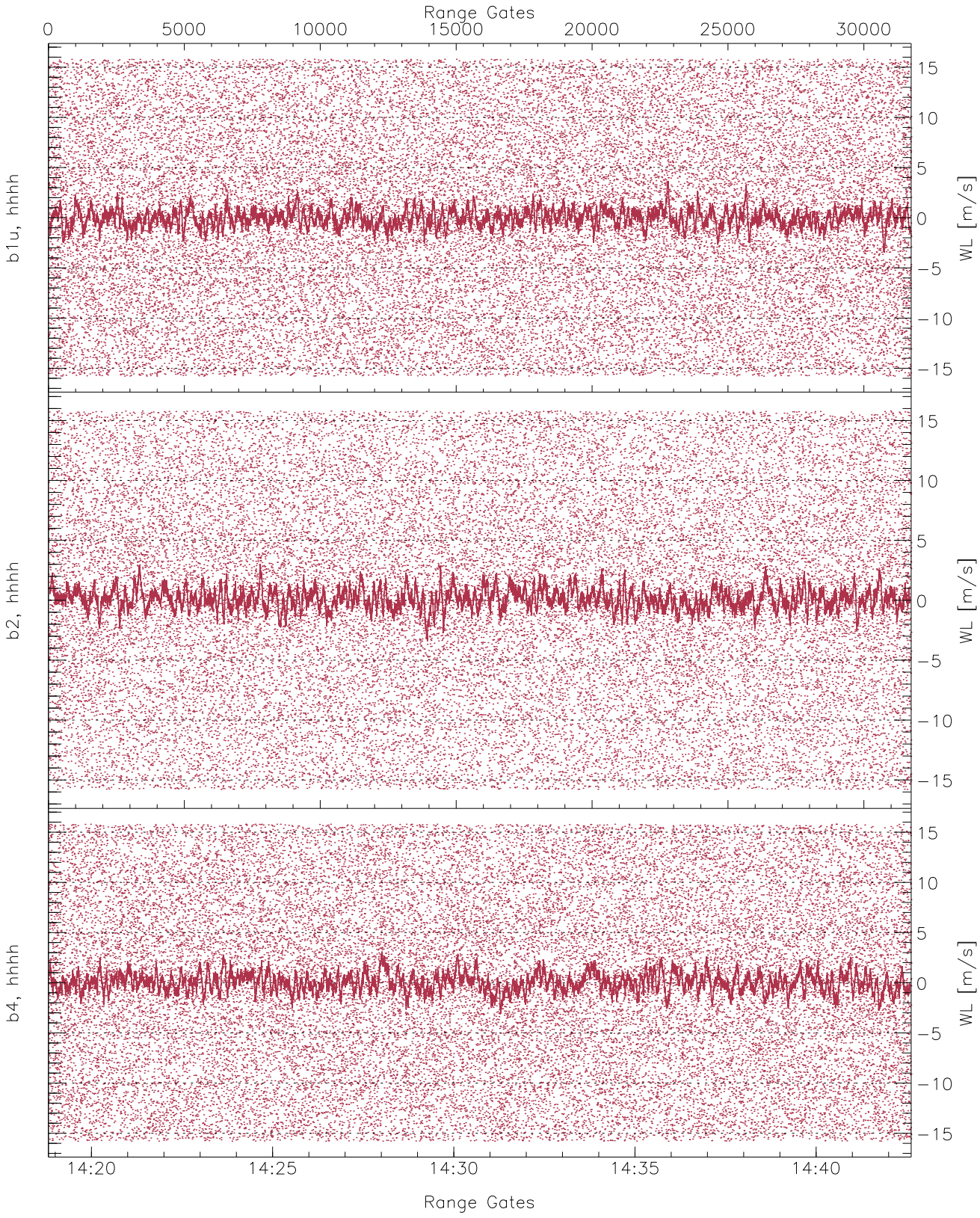
	Min	Max	Mean	Median	StDev
H1RG340_0 [dBm]	-66.66	-63.90	-65.07	-65.08	-76.58
V2RG96_0 [dBm]	-65.97	-63.44	-64.73	-64.74	-76.15
H2RG83_0 [dBm]	-65.98	-63.47	-64.68	-64.69	-76.10



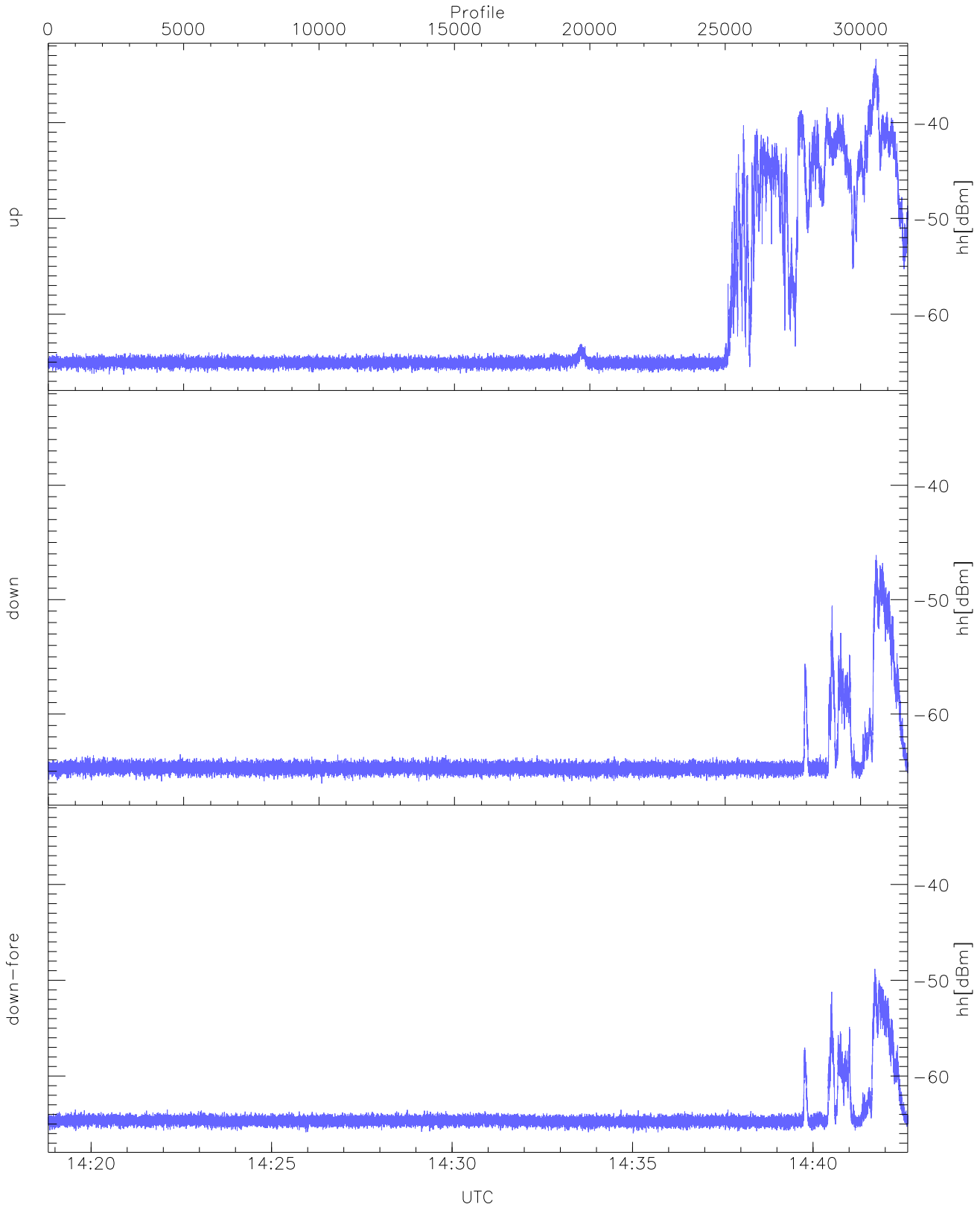
WCR3 CPP Averaged Received power for all recorded gates
blue: 141849-143043, 15871 profiles averaged
red: 143043-144237, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 141849-143043, 15871 profiles averaged
red: 143043-144237, 15871 profiles averaged

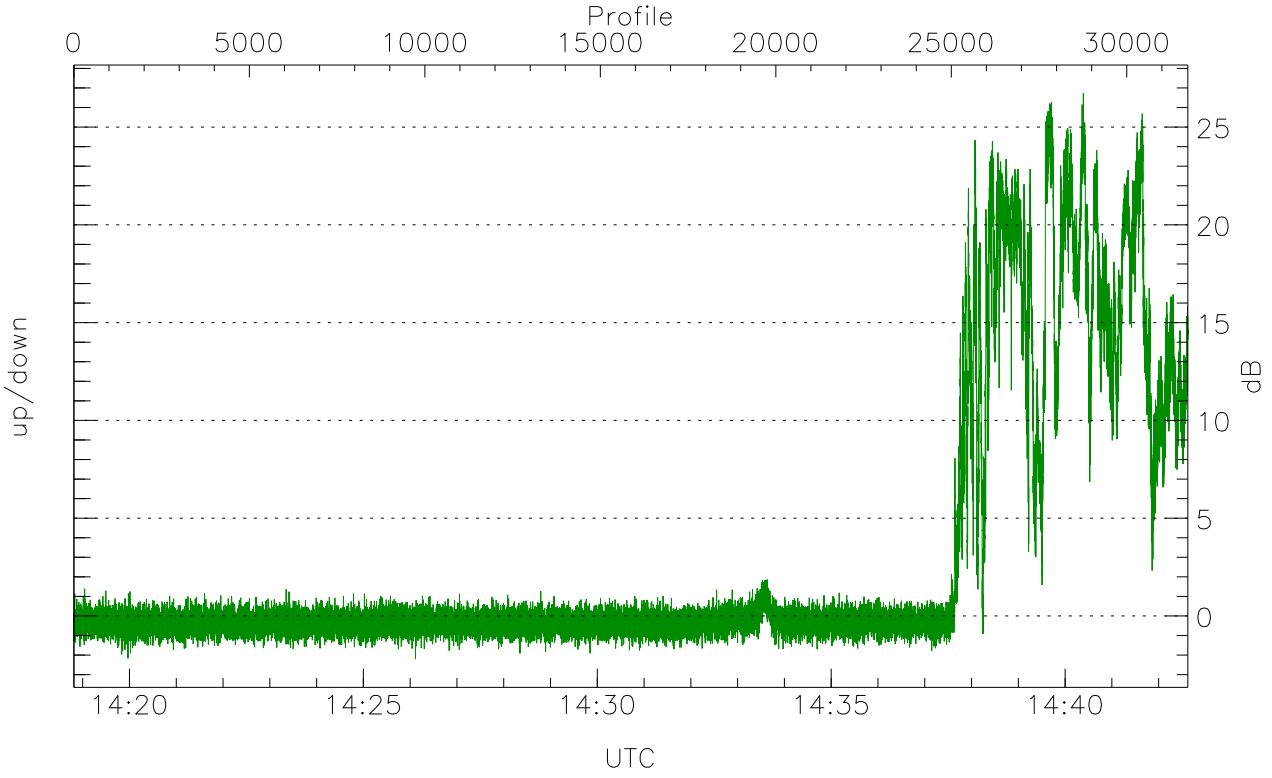


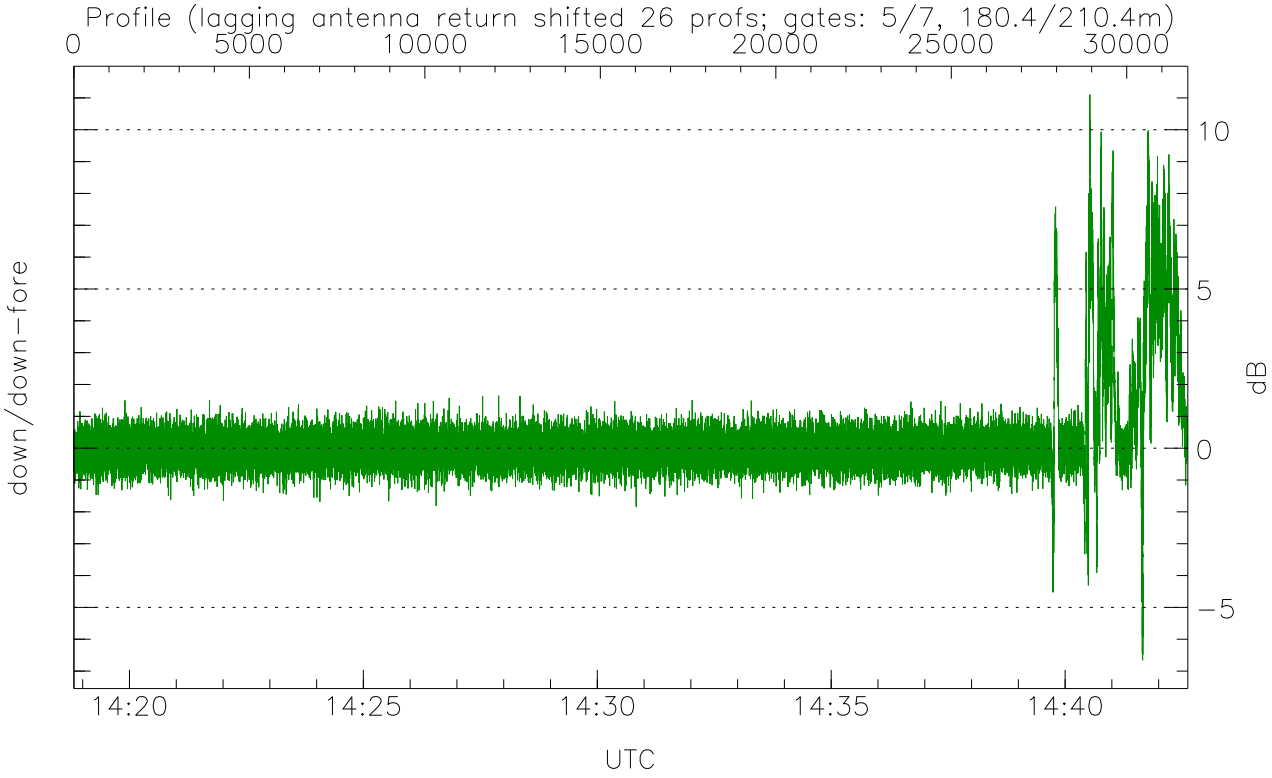
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

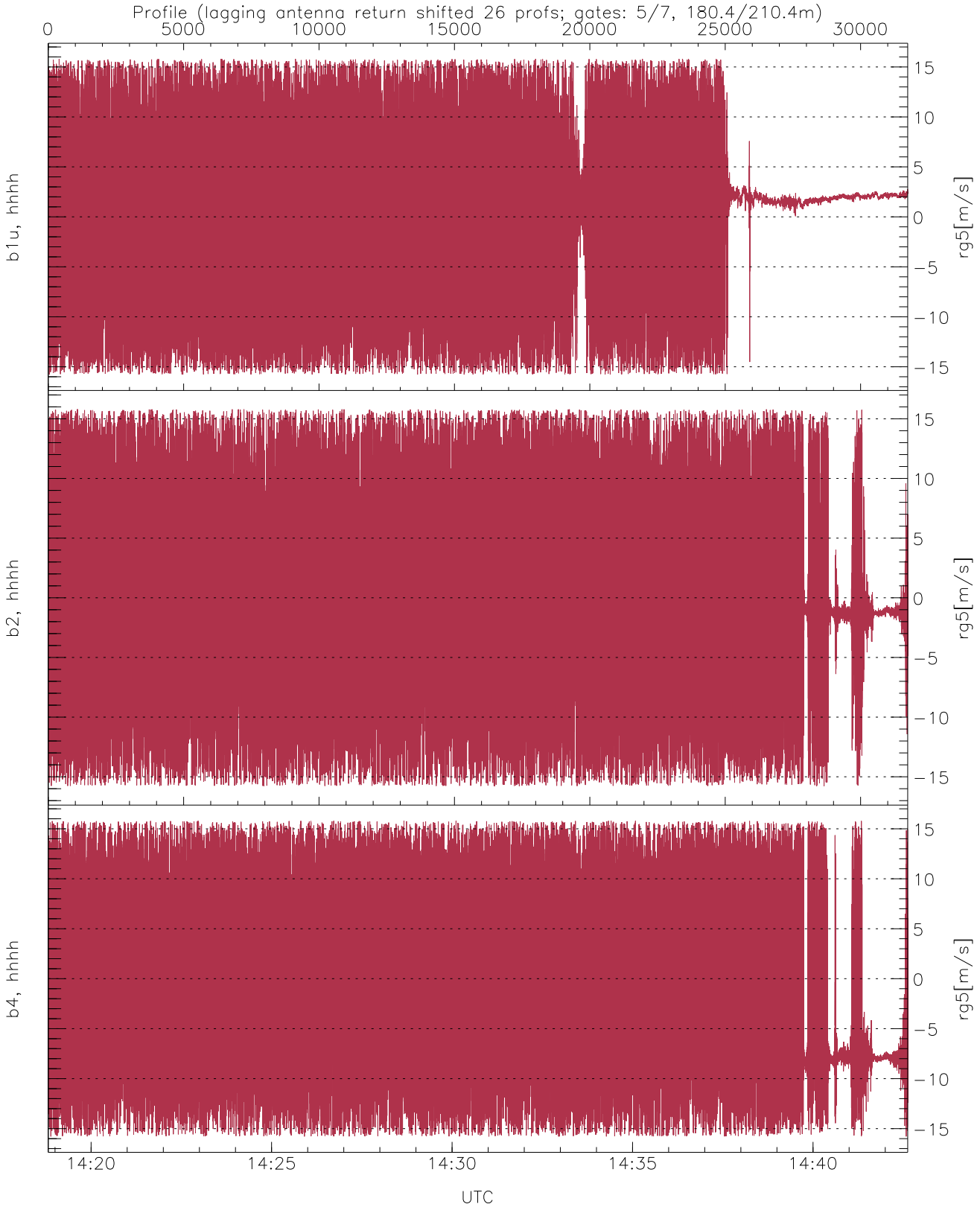
	Min	Max	Mean
up(hh[dBm])	-66.31	-33.36	-50.14
down(hh[dBm])	-66.08	-46.11	-62.15
down-fore(hh[dBm])	-65.98	-48.82	-63.13





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

	Min	Max	Mean
up/down(dB)	-2.20	26.73	2.97
down/down-fore(dB)	-6.66	11.11	0.24



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.43	7.72
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.15	8.23
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.72	8.65