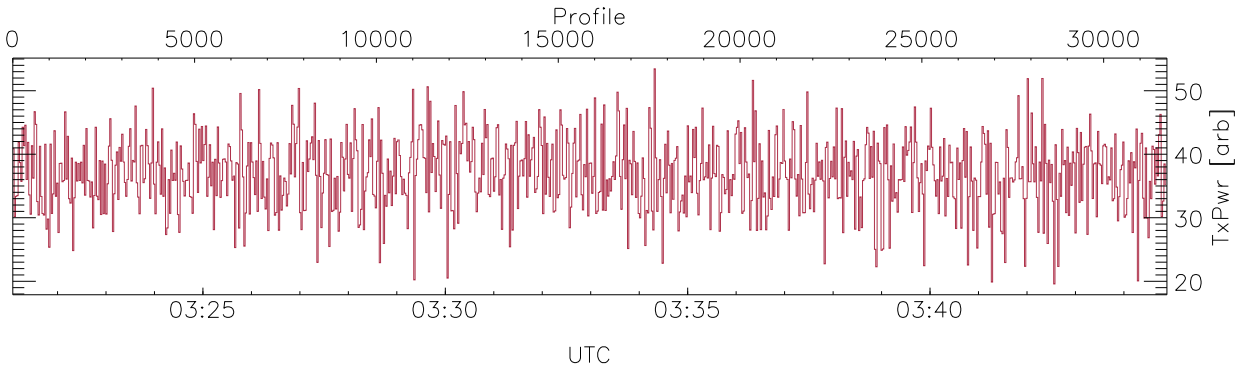
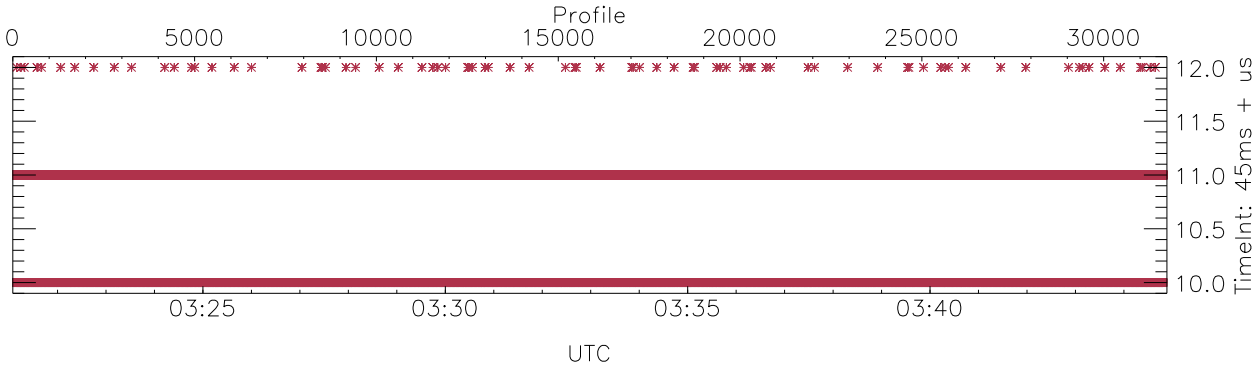
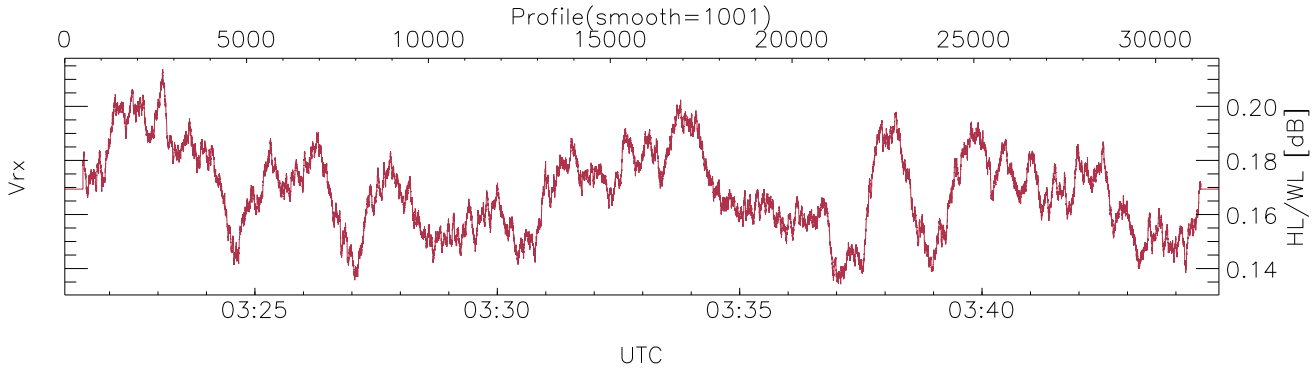
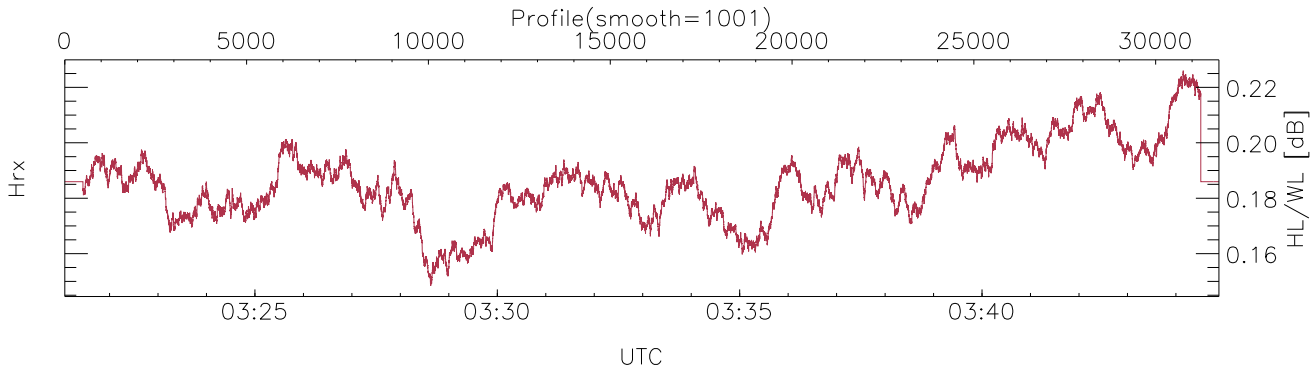


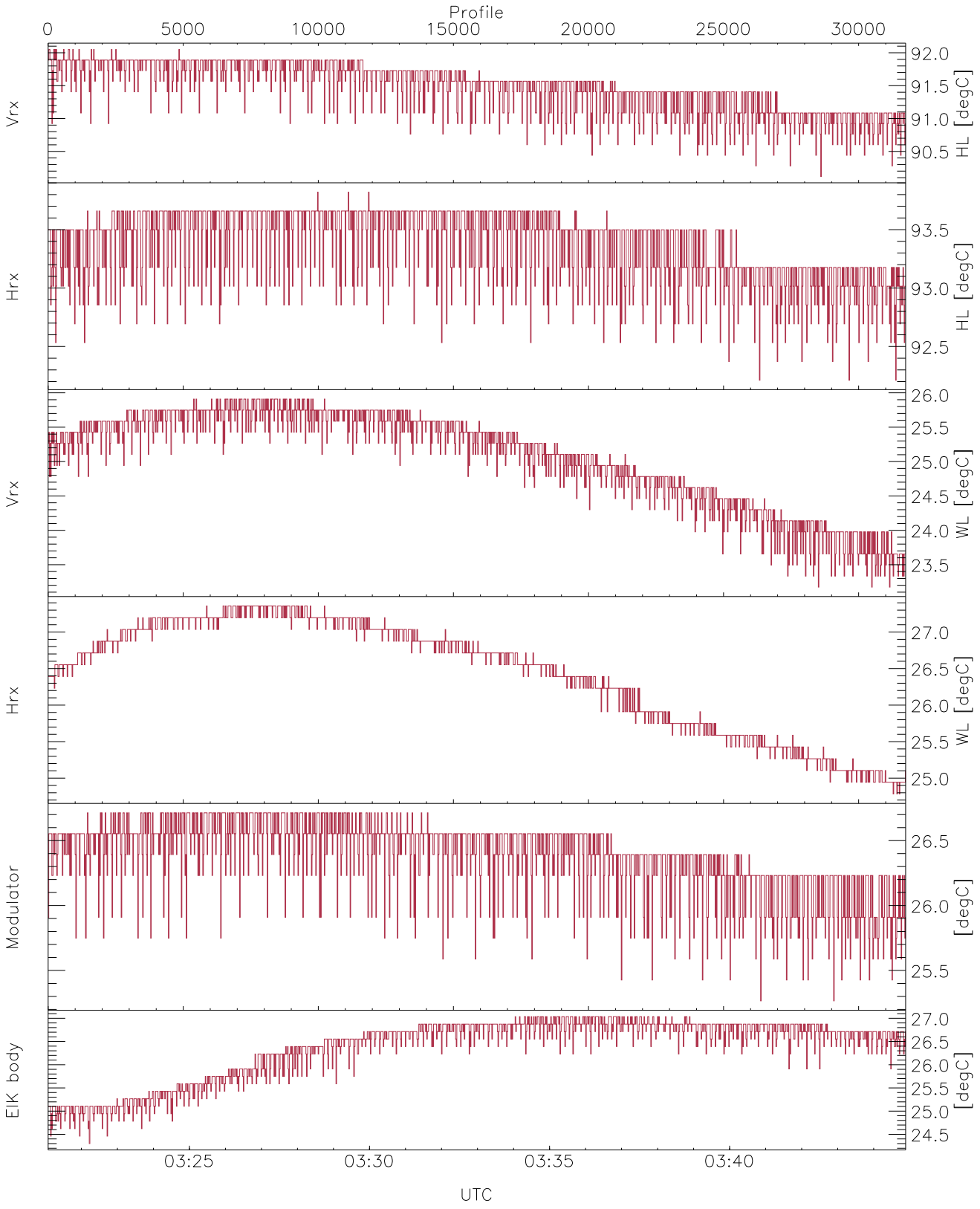






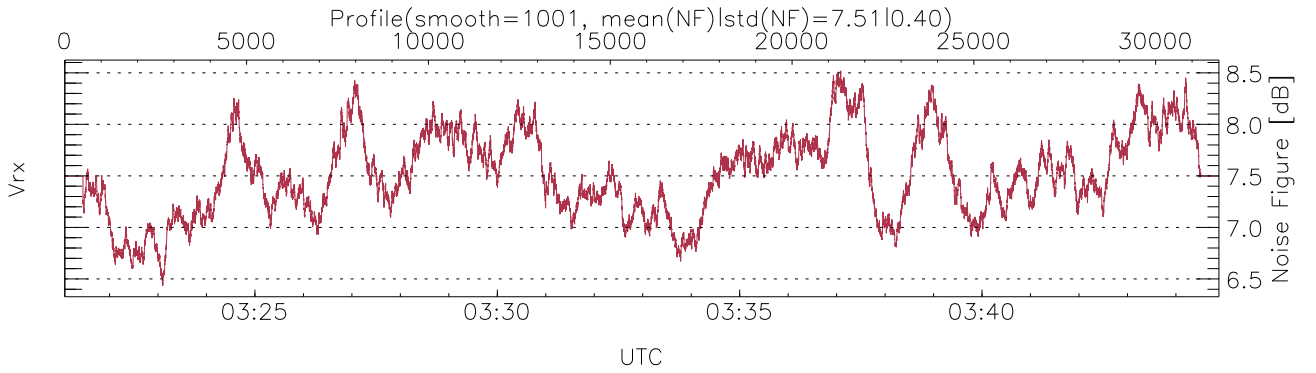
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

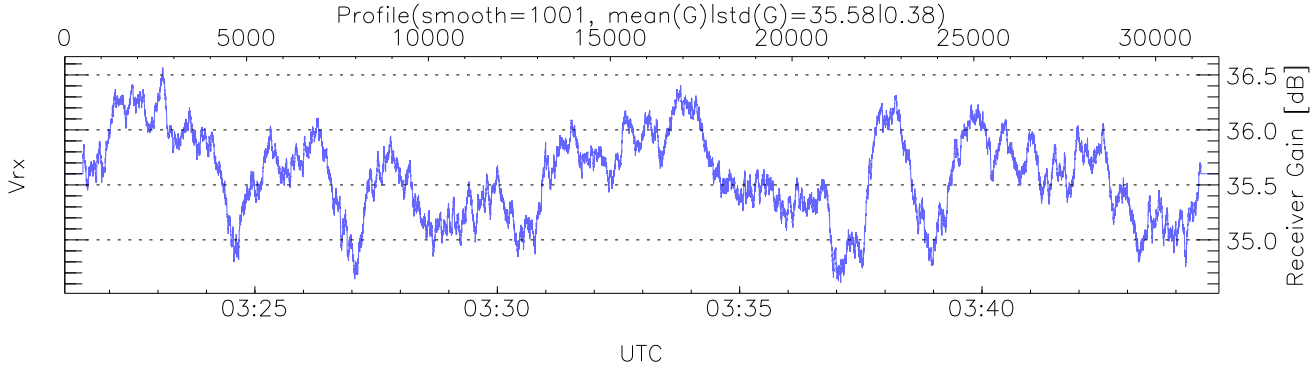
UTC: 03:21:05-03:44:53, TimeCor: 0.00s, Dur: 1428.66s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 31741/31741, 0-31740/03:21:05-03:44:53
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

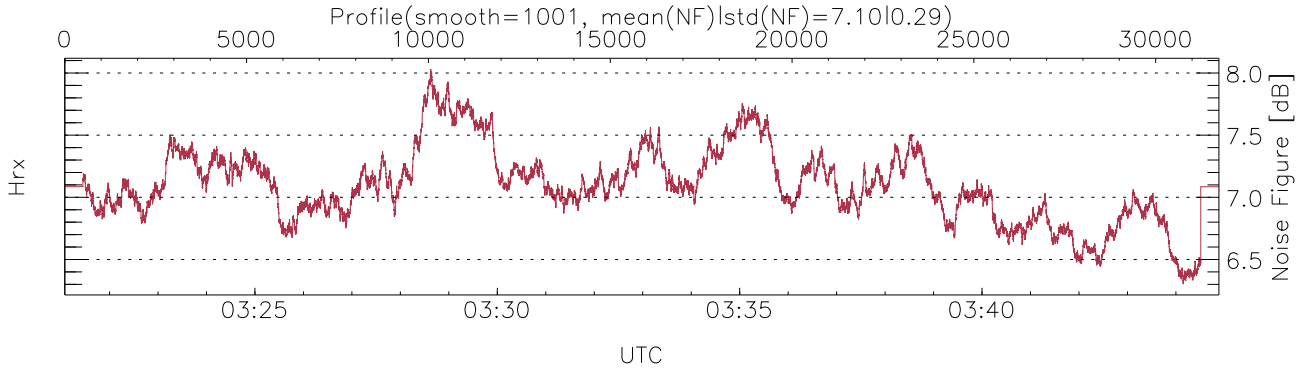


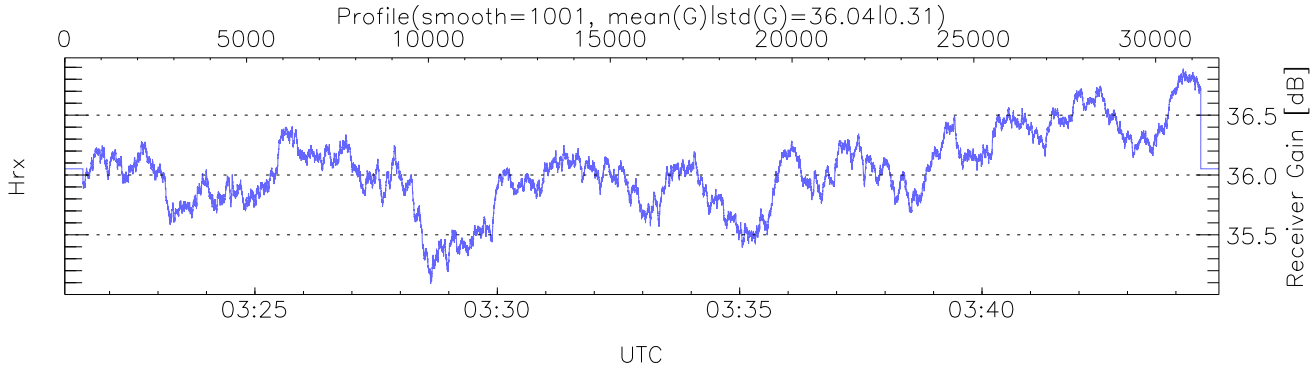
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,24,25,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (110,110,132,66,132,110,110,66)



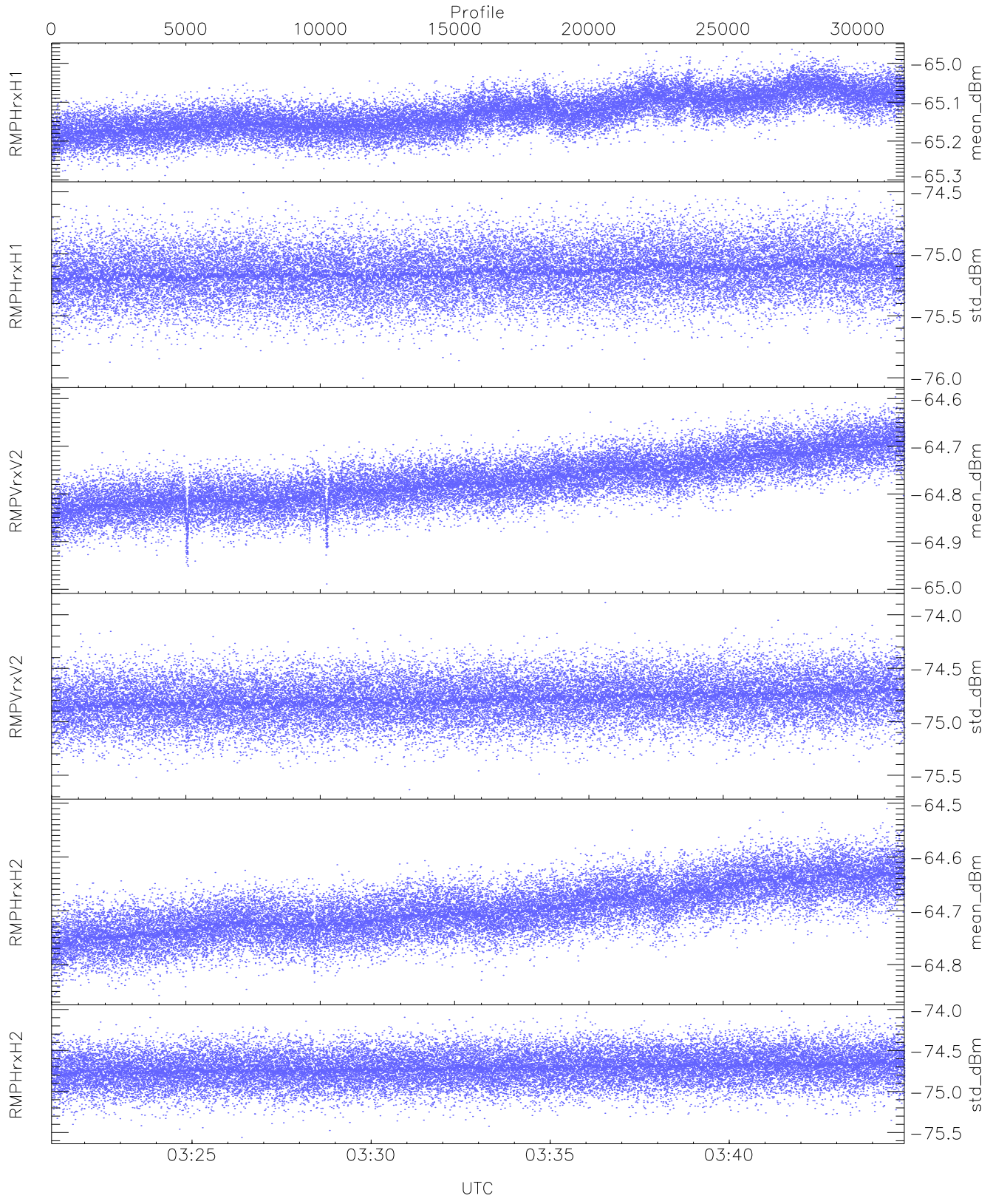






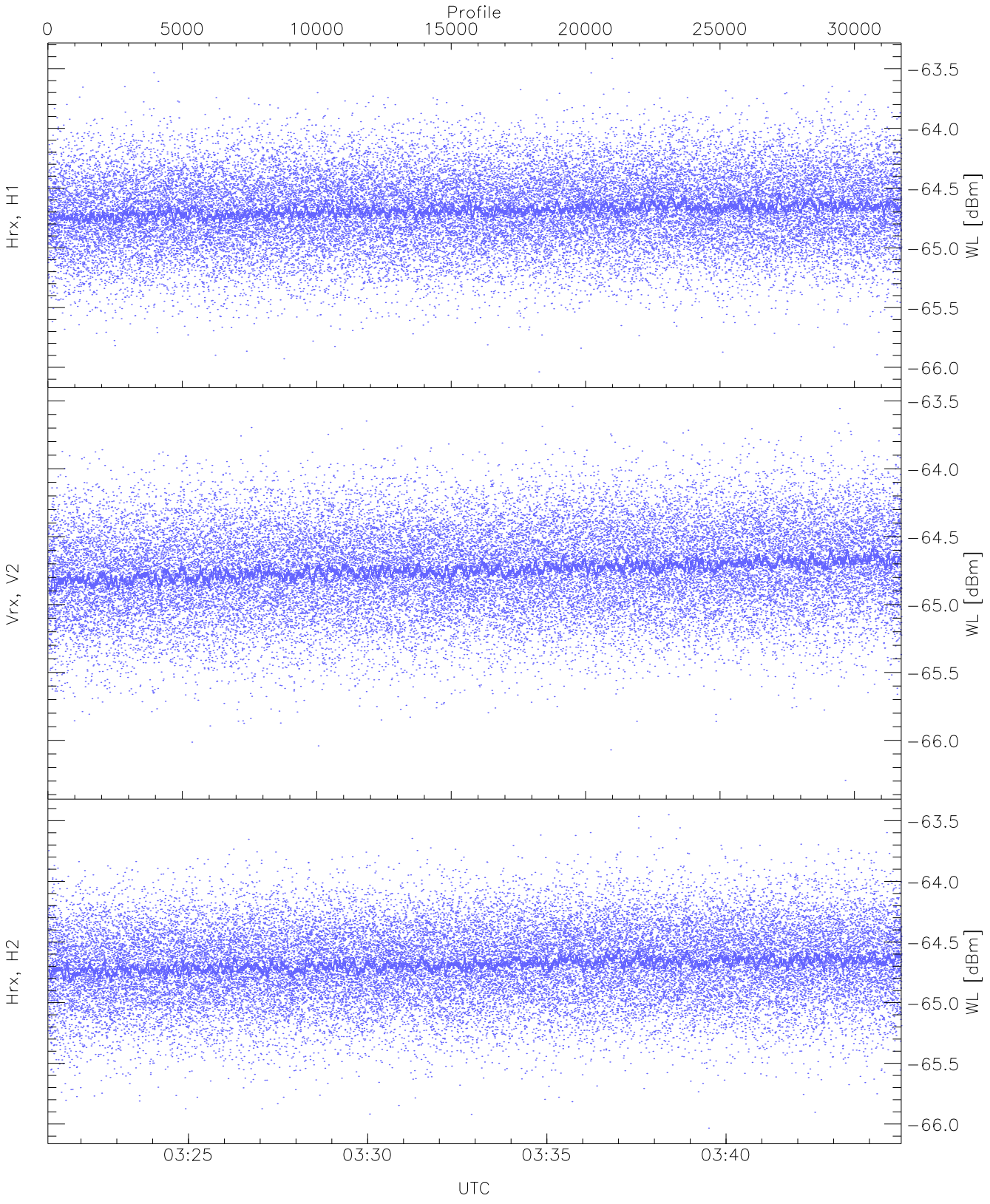
WCR3 CPP Receivers Gain and Noise Figure

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



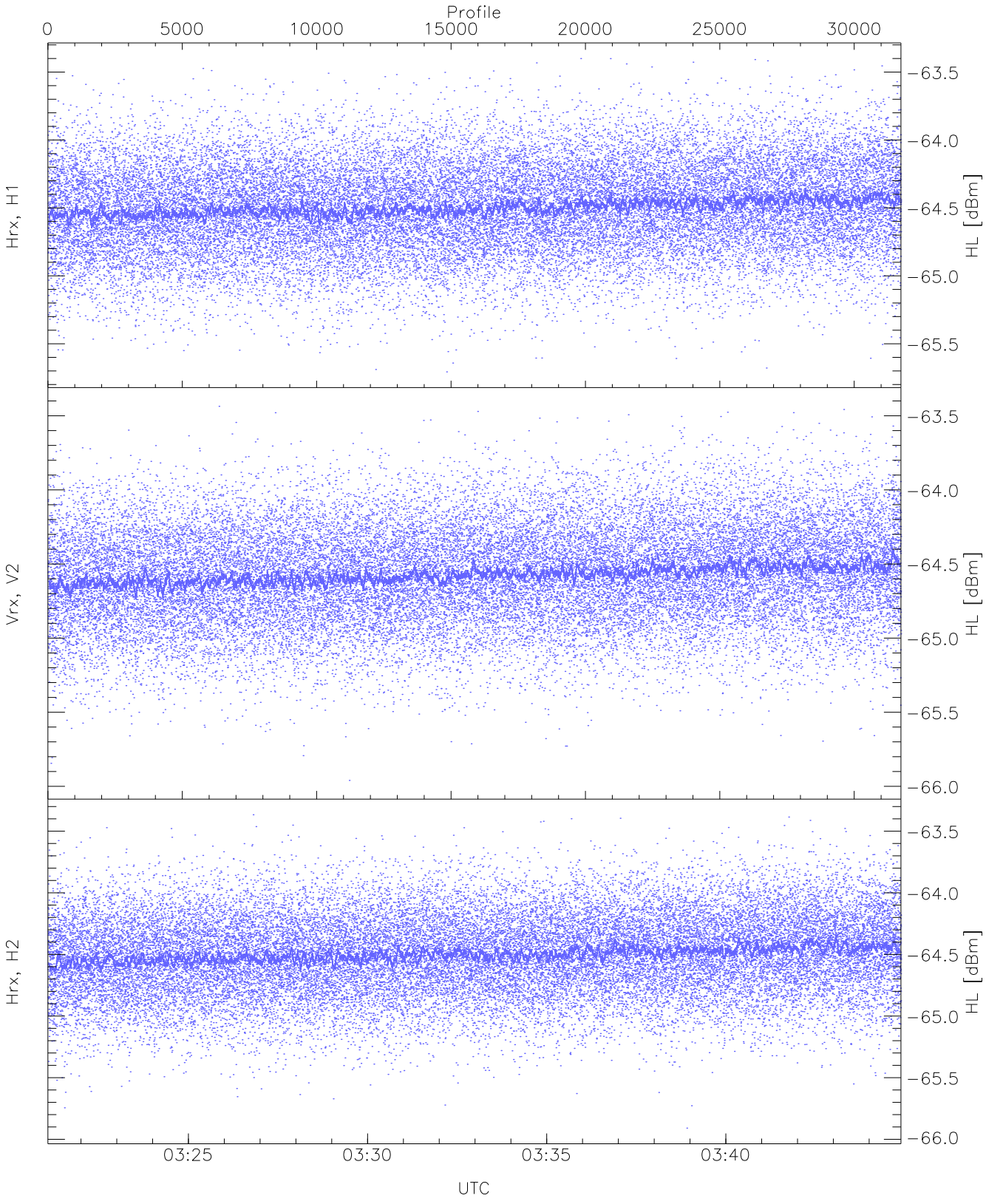
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.29	-64.96	-65.13	-65.13	-84.67
RMPHrxH1(std_dBm)	-76.00	-74.49	-75.14	-75.15	-88.85
RMPVrxV2(mean_dBm)	-64.99	-64.60	-64.77	-64.77	-83.95
RMPVrxV2(std_dBm)	-75.64	-73.89	-74.79	-74.79	-88.45
RMPHrxH2(mean_dBm)	-64.86	-64.51	-64.70	-64.70	-84.19
RMPHrxH2(std_dBm)	-75.56	-74.02	-74.71	-74.72	-88.40



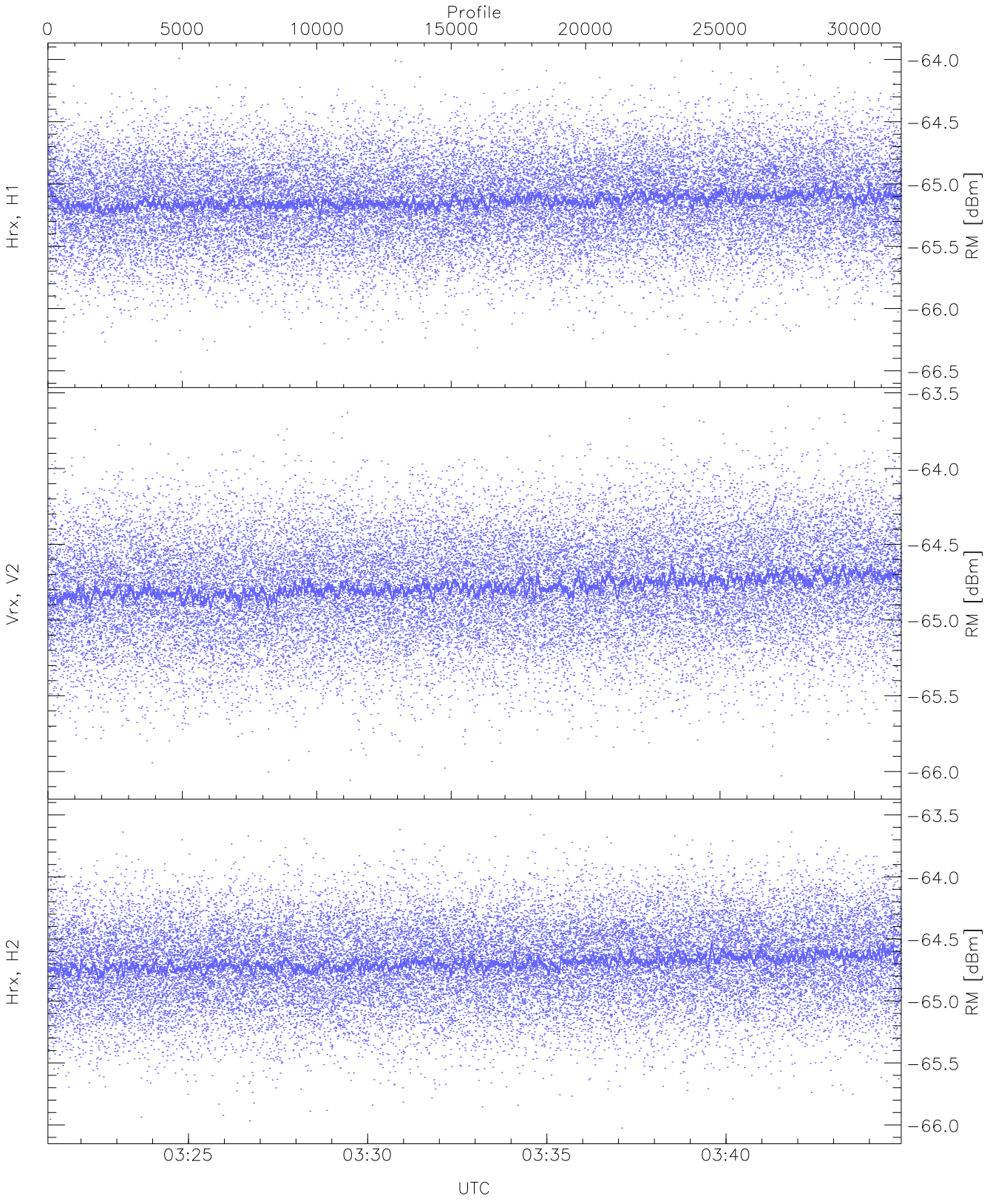
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.04	-63.42	-64.68	-64.68	-76.17
Vrx, V2(WL [dBm])	-66.30	-63.54	-64.74	-64.74	-76.17
Hrx, H2(WL [dBm])	-66.03	-63.45	-64.68	-64.68	-76.17



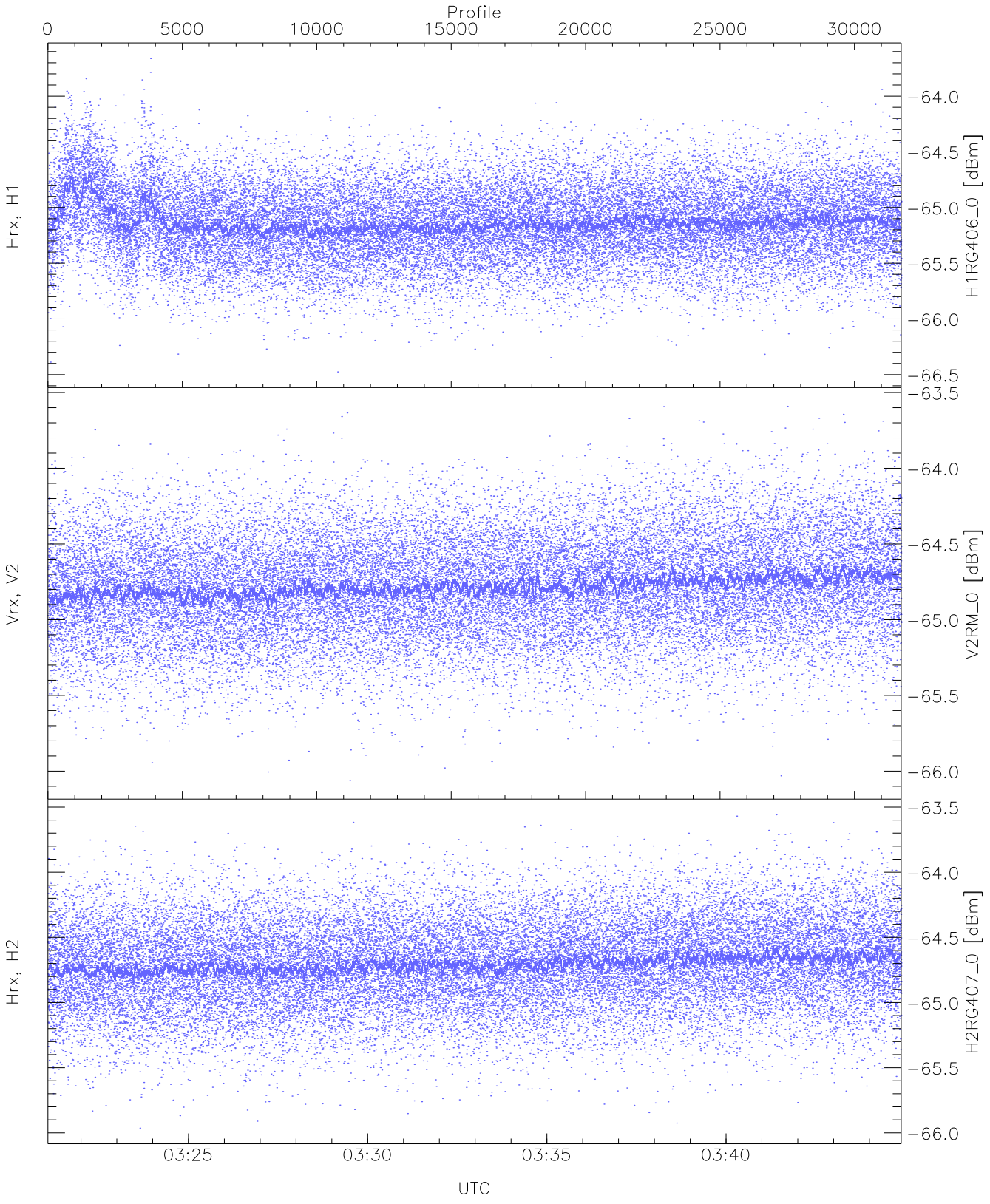
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.71	-63.40	-64.49	-64.50	-75.98
Vrx, V2(HL [dBm])	-65.96	-63.44	-64.57	-64.57	-76.02
Hrx, H2(HL [dBm])	-65.91	-63.37	-64.49	-64.50	-75.96



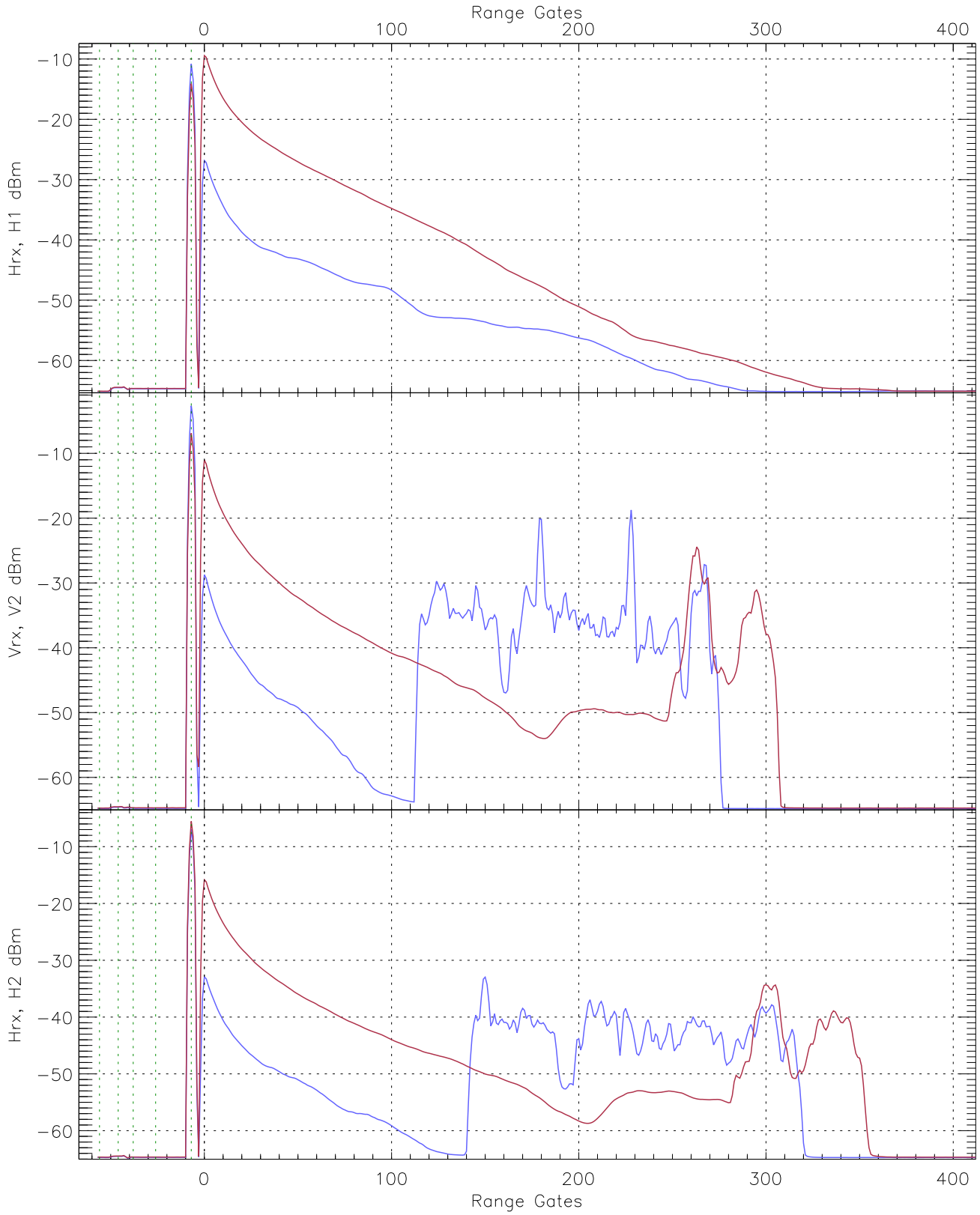
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.51	-63.99	-65.13	-65.13	-76.61
Vrx, V2(RM [dBm])	-66.06	-63.59	-64.77	-64.78	-76.26
Hrx, H2(RM [dBm])	-66.03	-63.50	-64.68	-64.69	-76.16

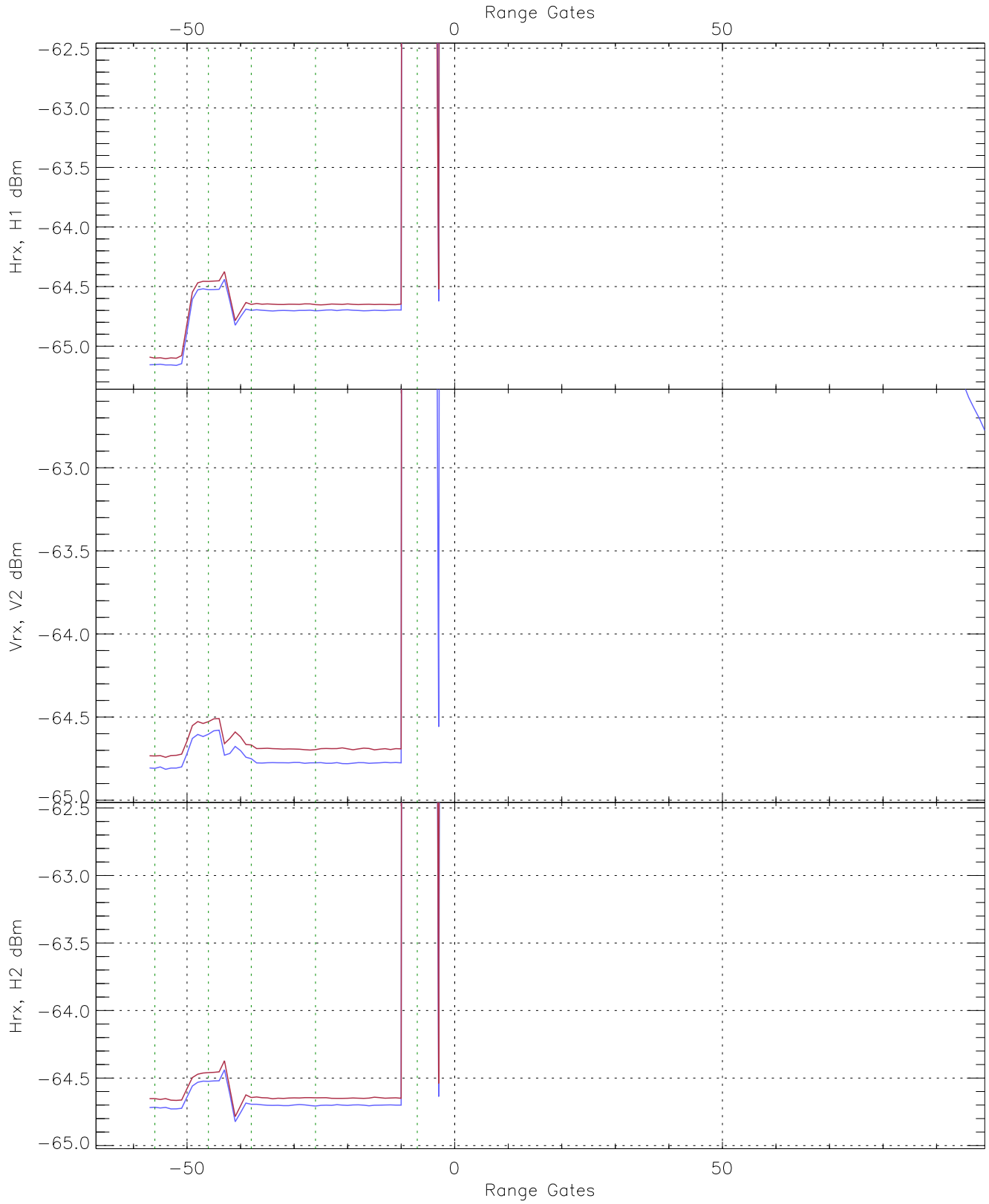


WCR3 CPP "Best" estimate Receivers Noise Power

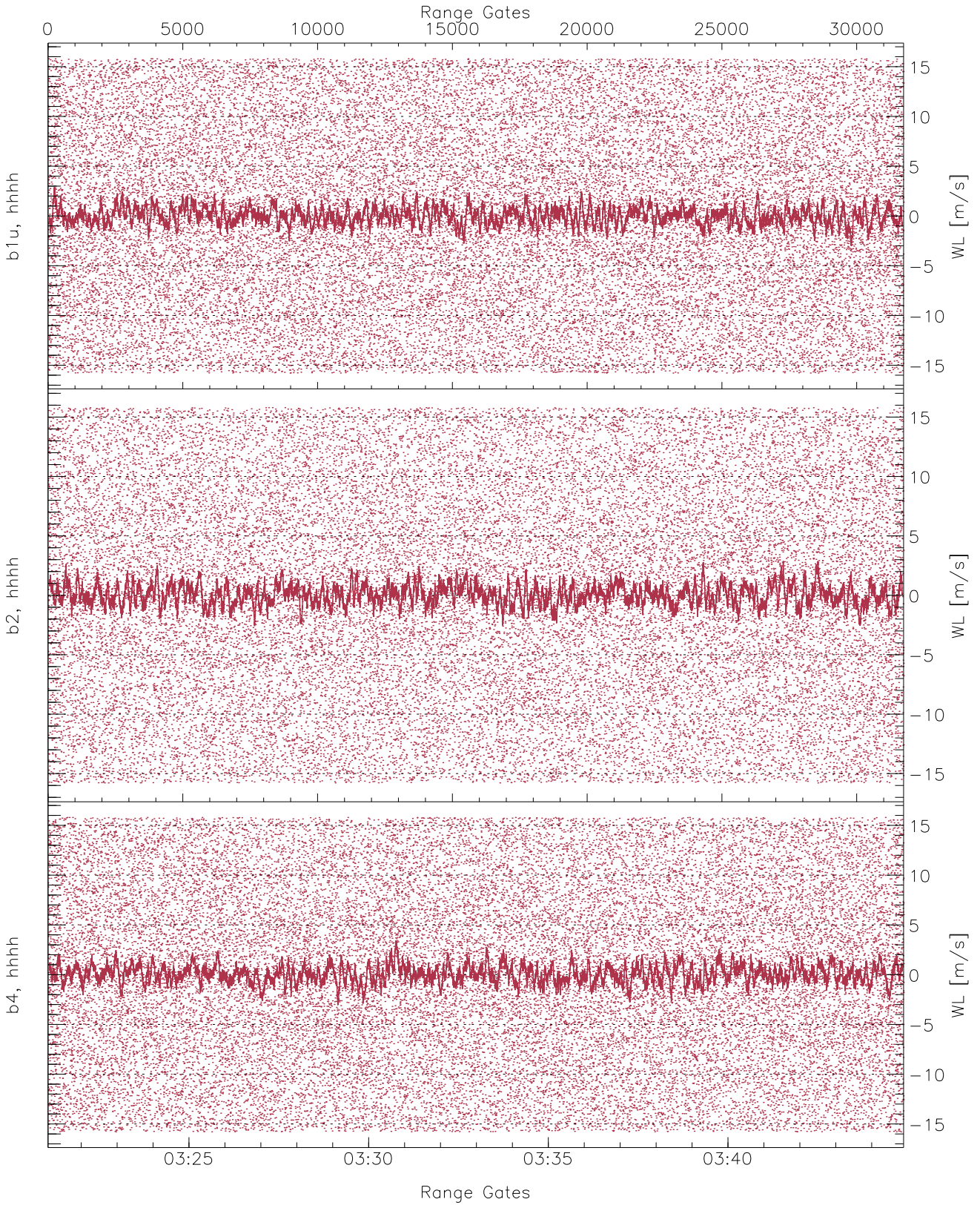
	Min	Max	Mean	Median	StDev
H1RG406_0 [dBm]	-66.48	-63.66	-65.13	-65.14	-76.44
V2RM_0 [dBm]	-66.06	-63.59	-64.77	-64.78	-76.26
H2RG407_0 [dBm]	-65.96	-63.56	-64.70	-64.70	-76.16



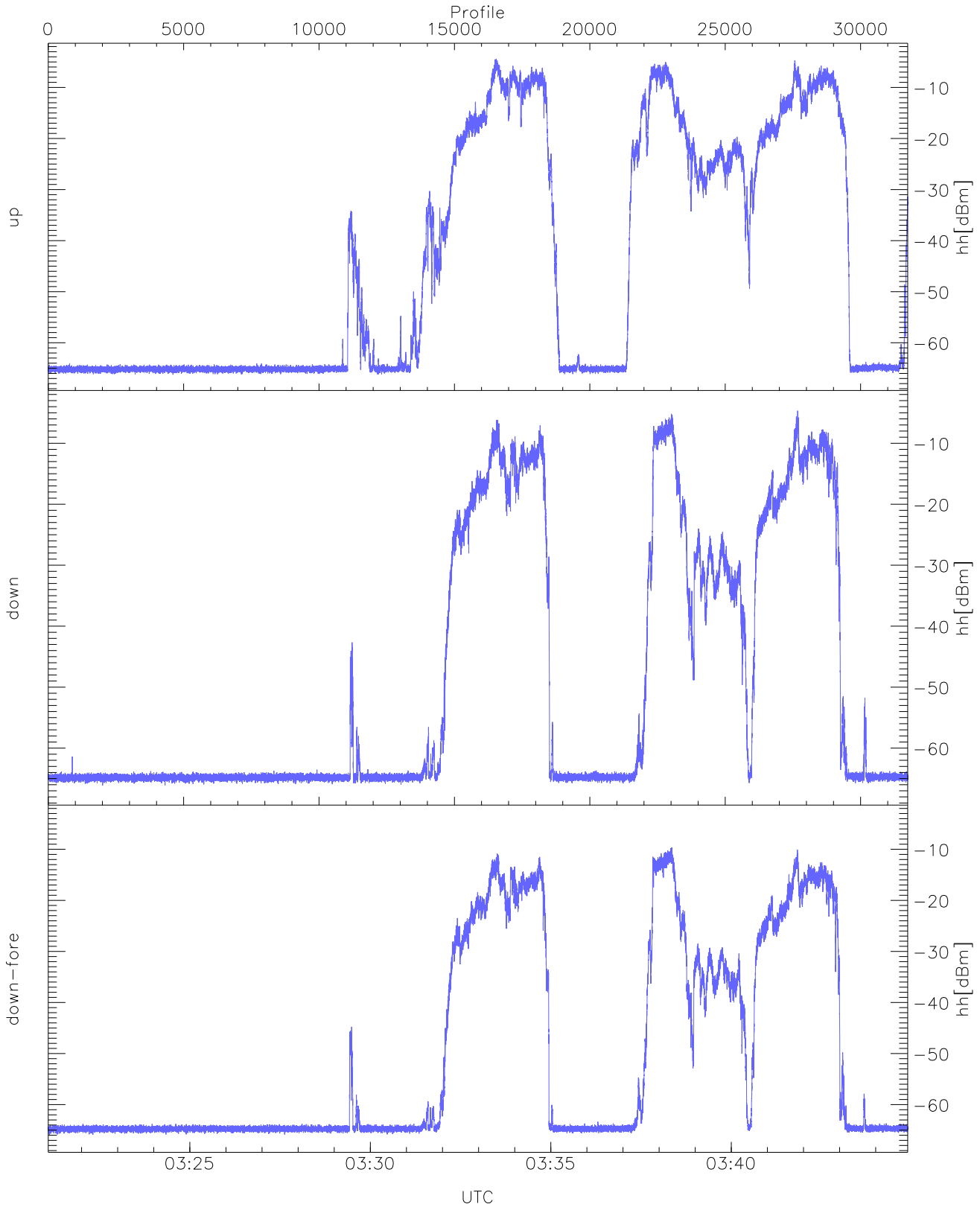
WCR3 CPP Averaged Received power for all recorded gates
blue: 032105-033259, 15871 profiles averaged
red: 033259-034453, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 032105-033259, 15871 profiles averaged
red: 033259-034453, 15871 profiles averaged

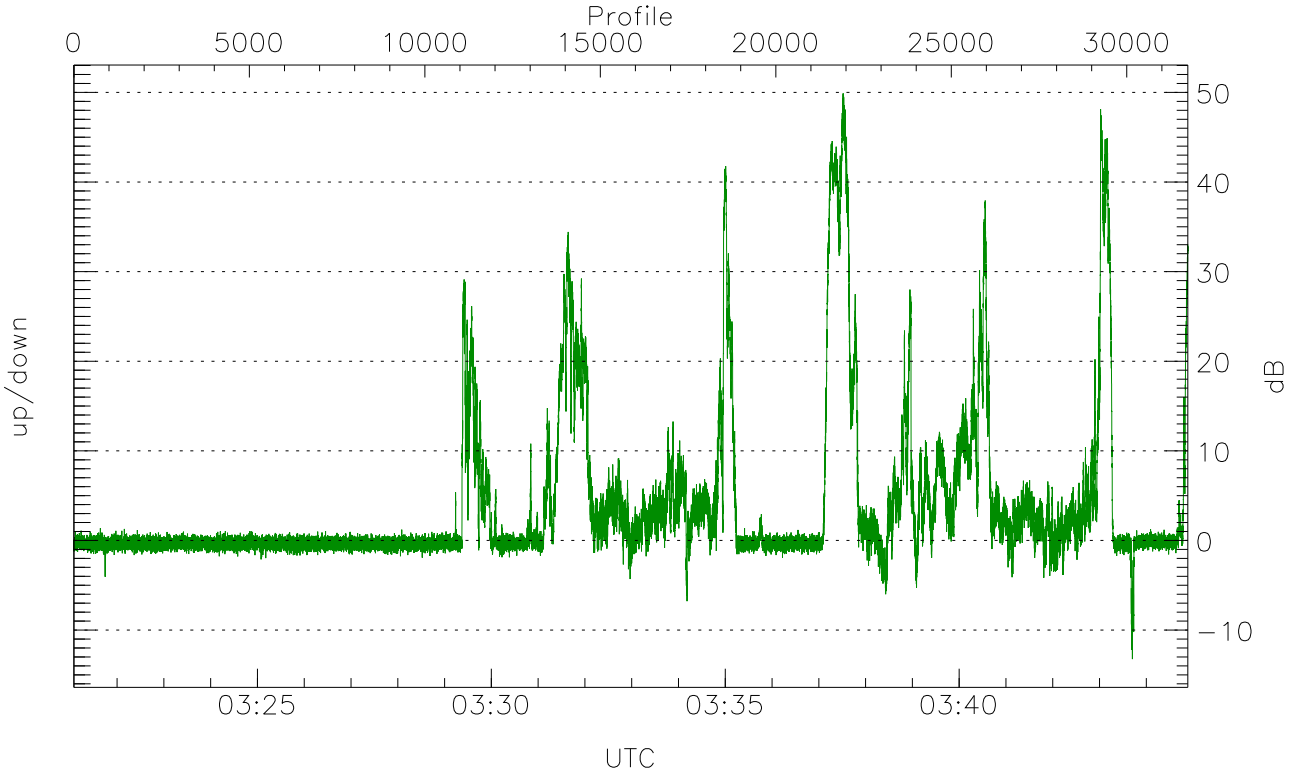


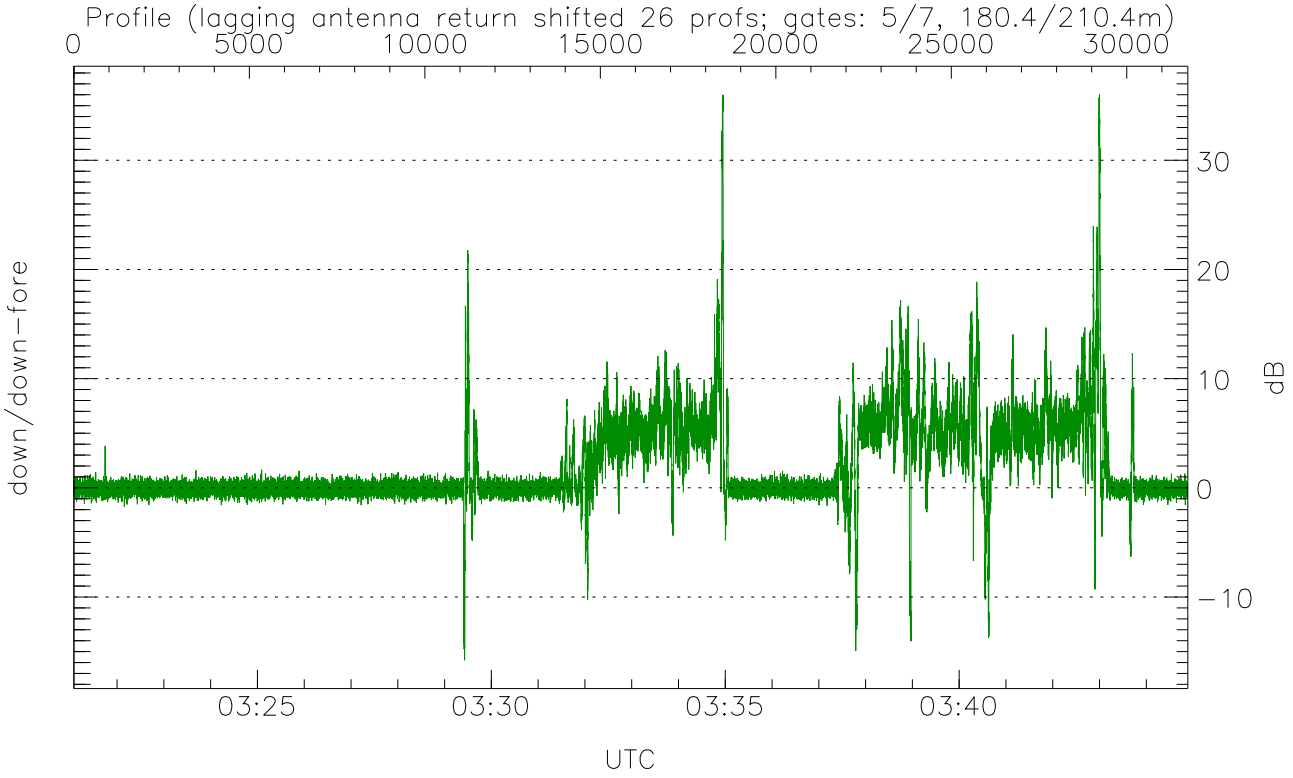
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

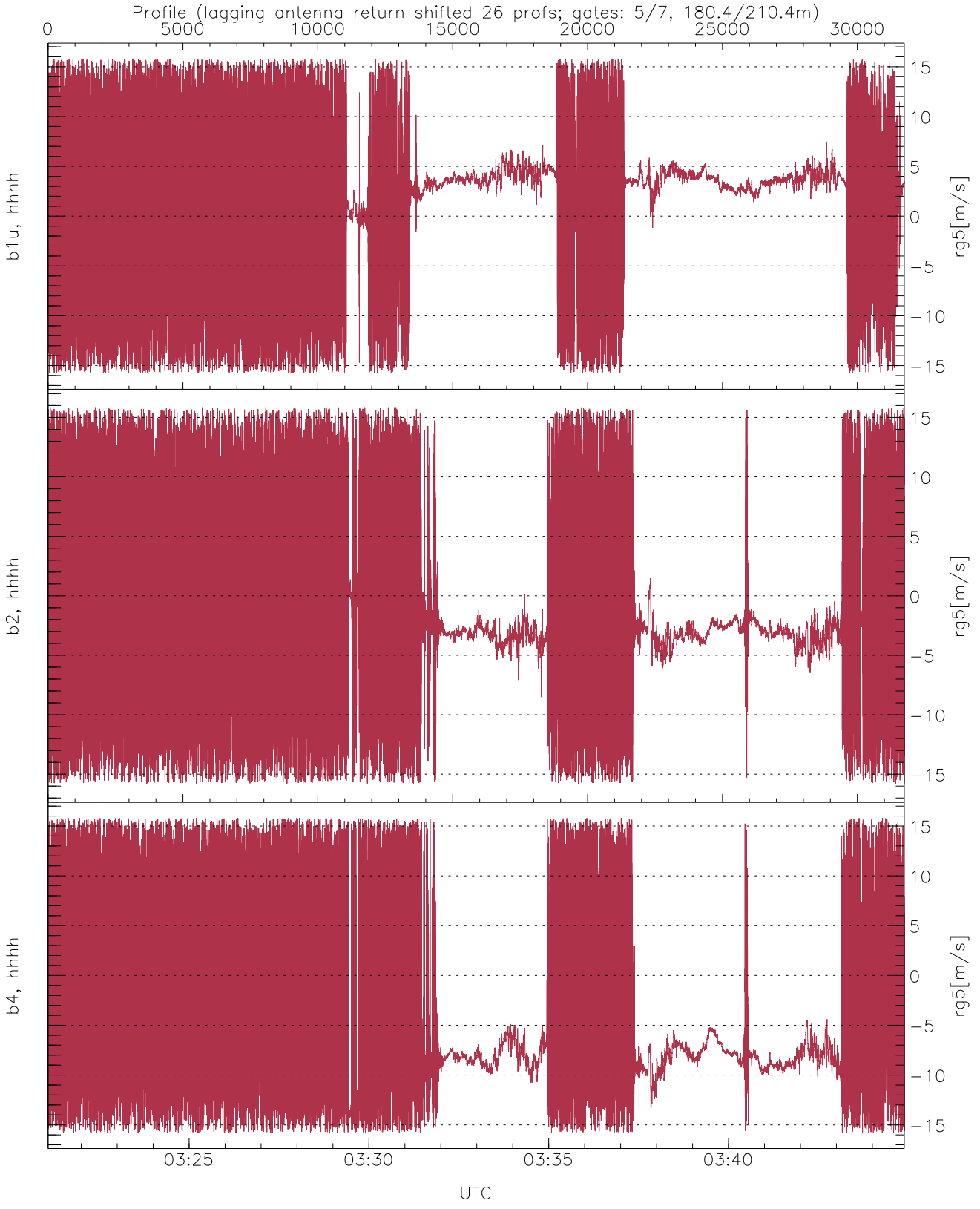
	Min	Max	Mean
up(hh[dBm])	-66.25	-4.43	-16.25
down(hh[dBm])	-66.13	-4.67	-18.63
down-fore(hh[dBm])	-65.92	-9.63	-22.94





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

	Min	Max	Mean
up/down(dB)	-13.24	49.90	4.00
down/down-fore(dB)	-15.79	36.02	2.01



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	1.70	6.44
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.22	6.93
b4, hhhh(rg5[m/s])	-15.78	15.79	-3.28	8.02