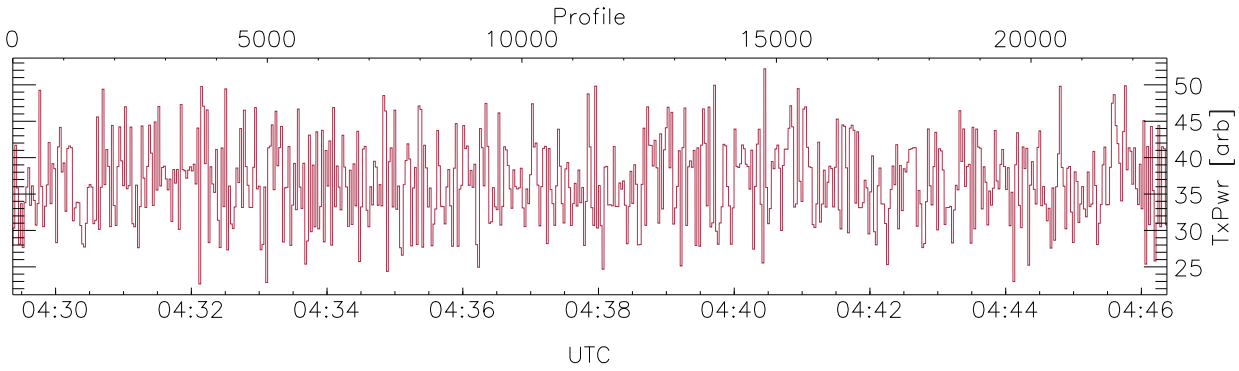
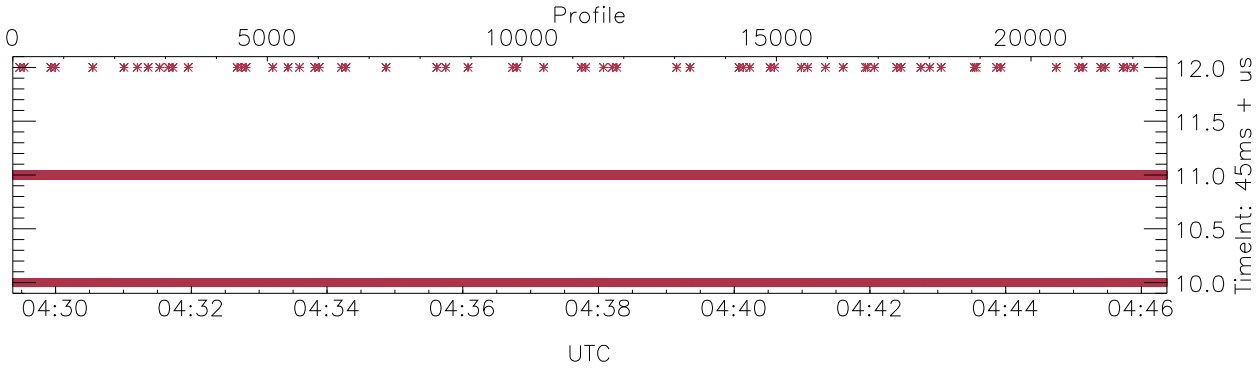
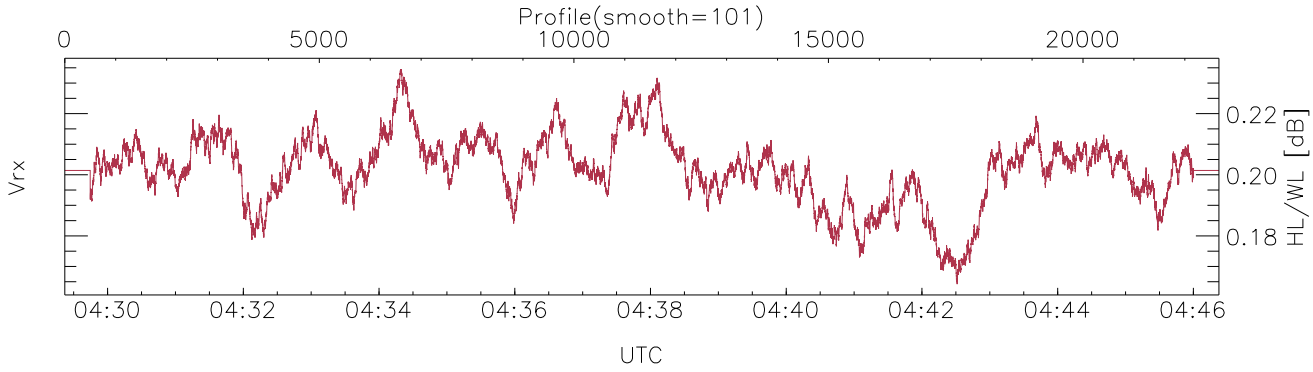
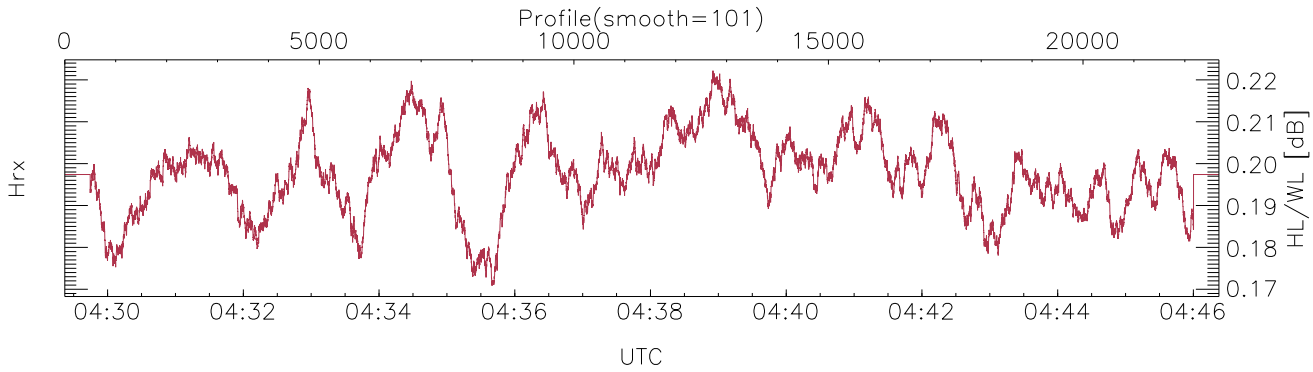


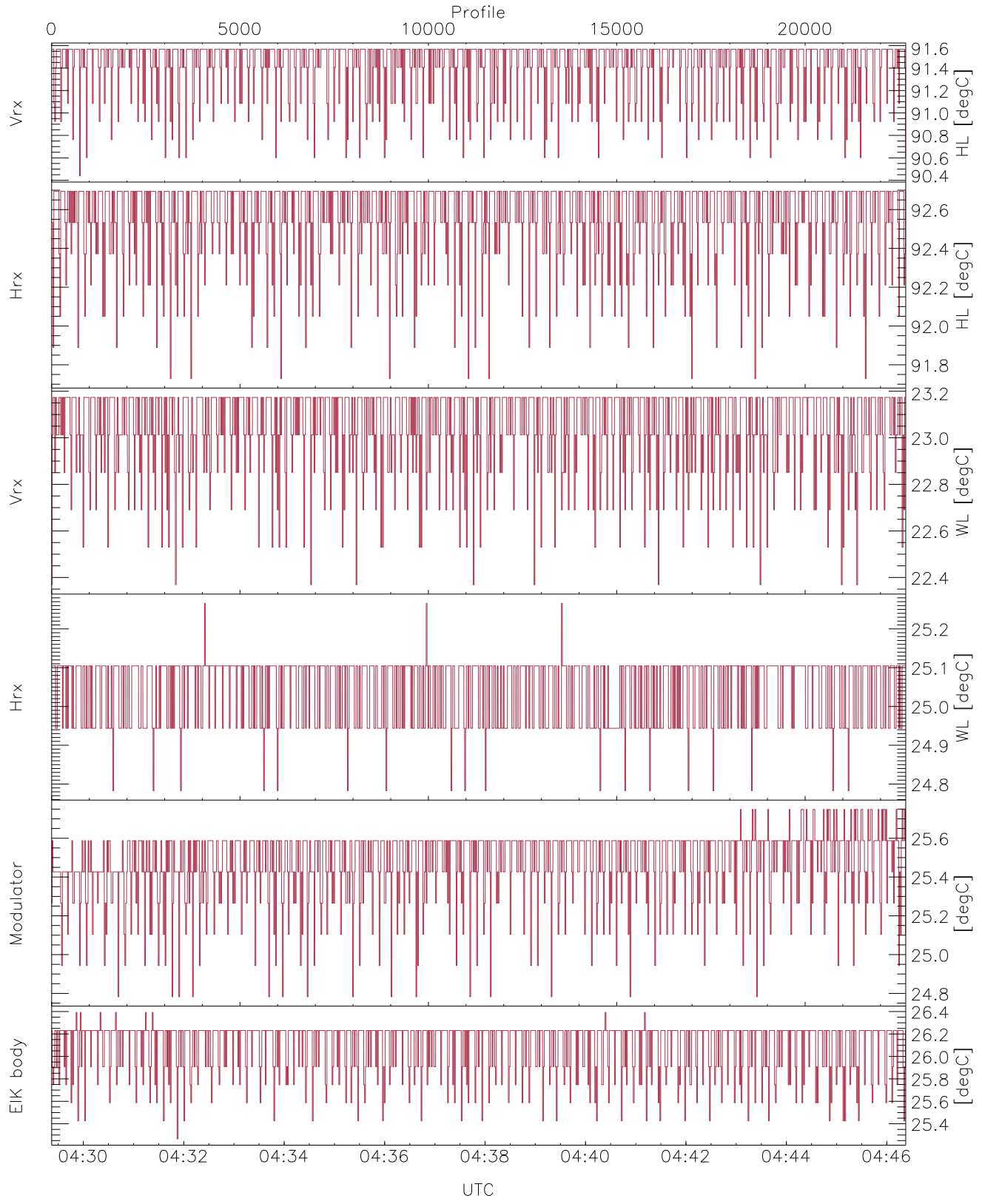






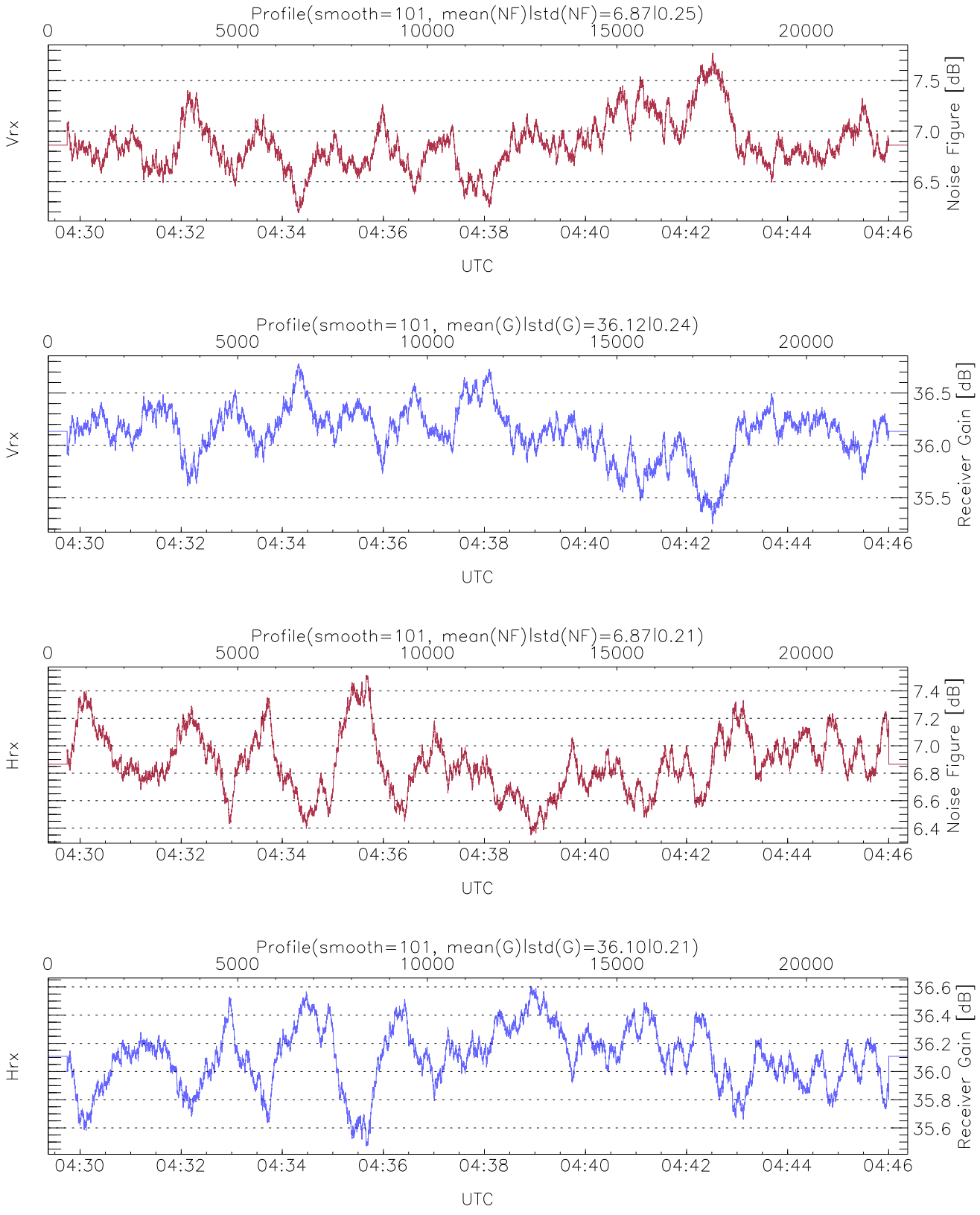
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:29:22-04:46:23, TimeCor: 0.00s, Dur: 1020.45s
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): 22672/22672, 0-22671/04:29:22-04:46:23
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



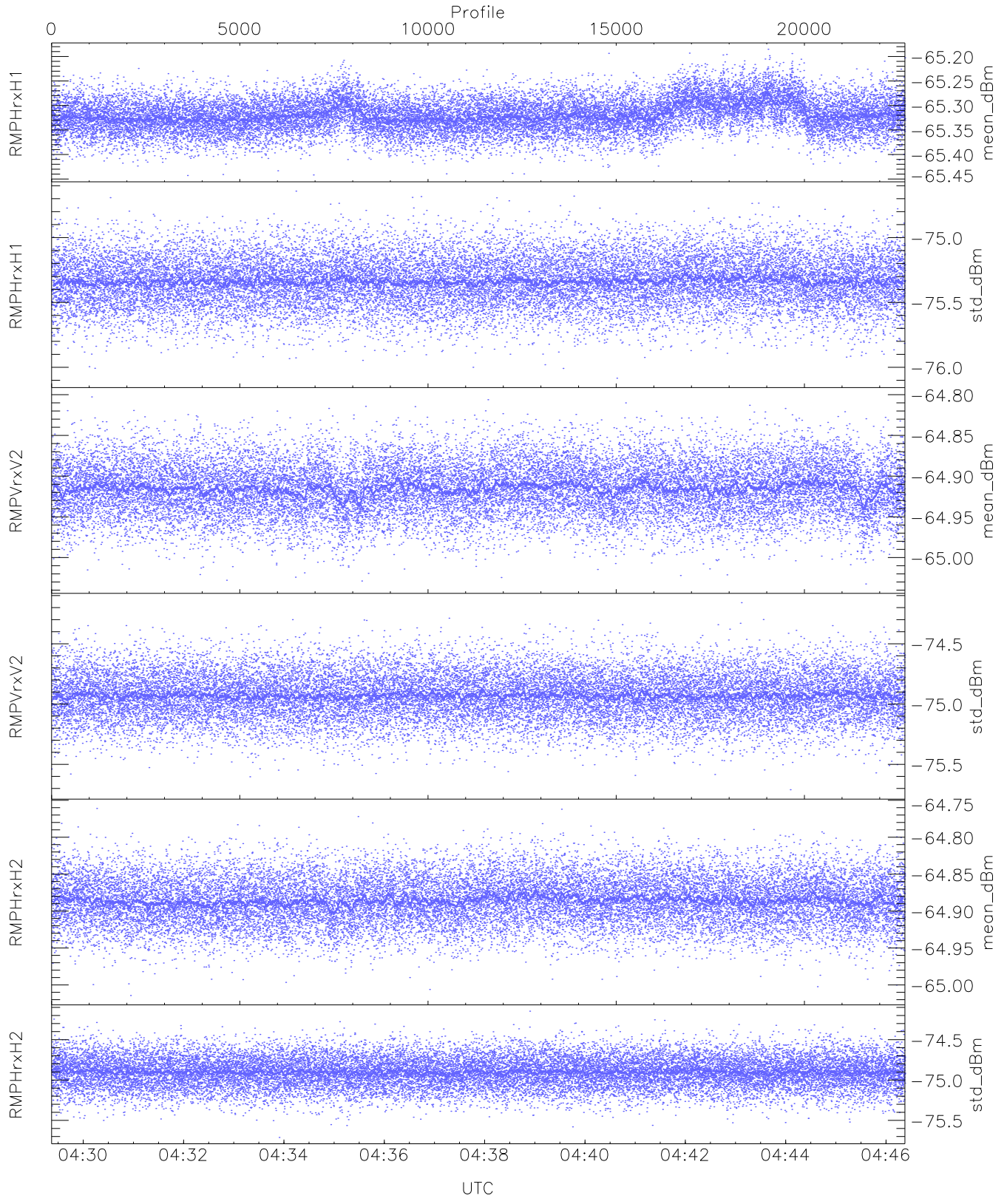
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,68,46,46)



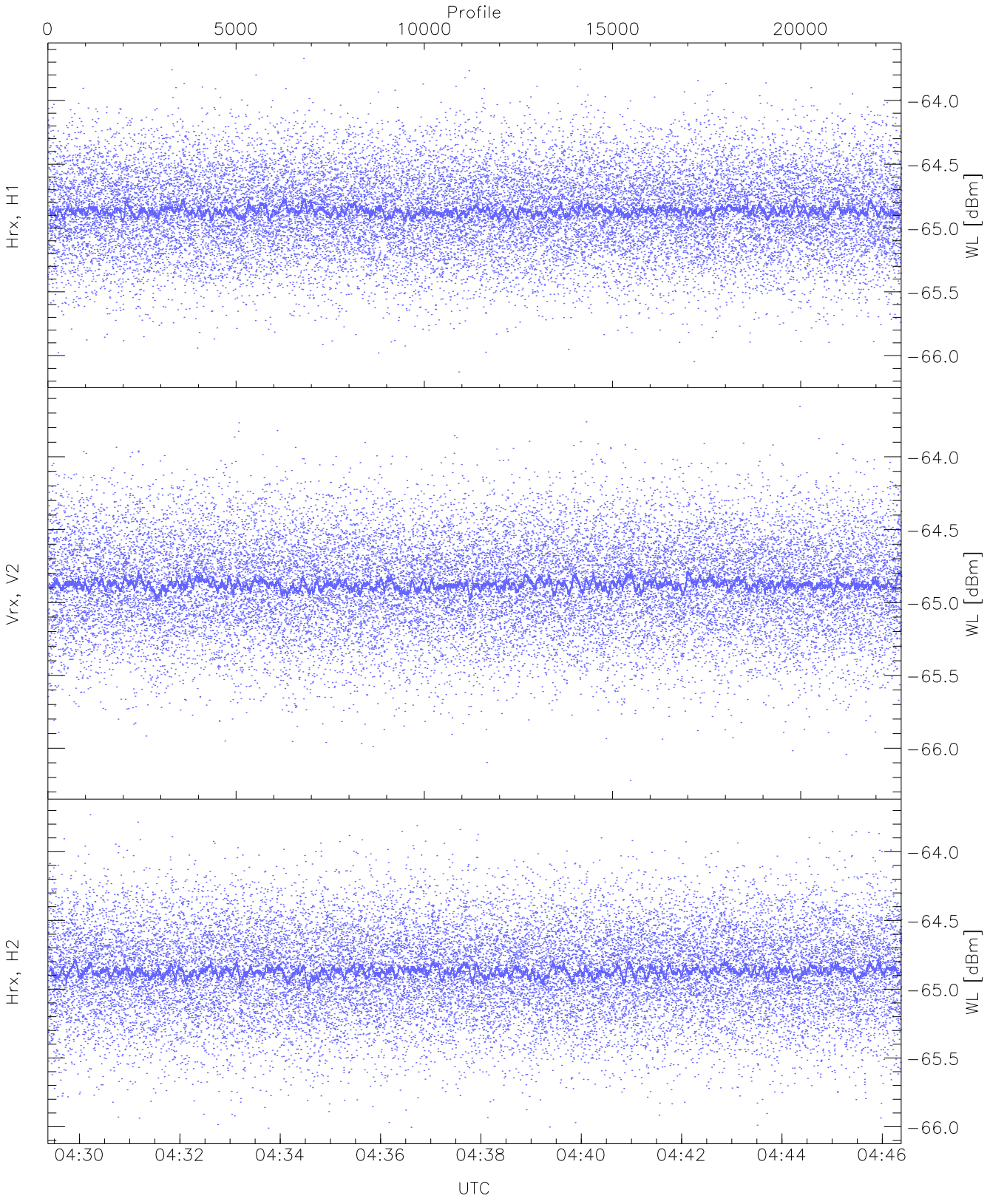
WCR3 CPP Receivers Gain and Noise Figure

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



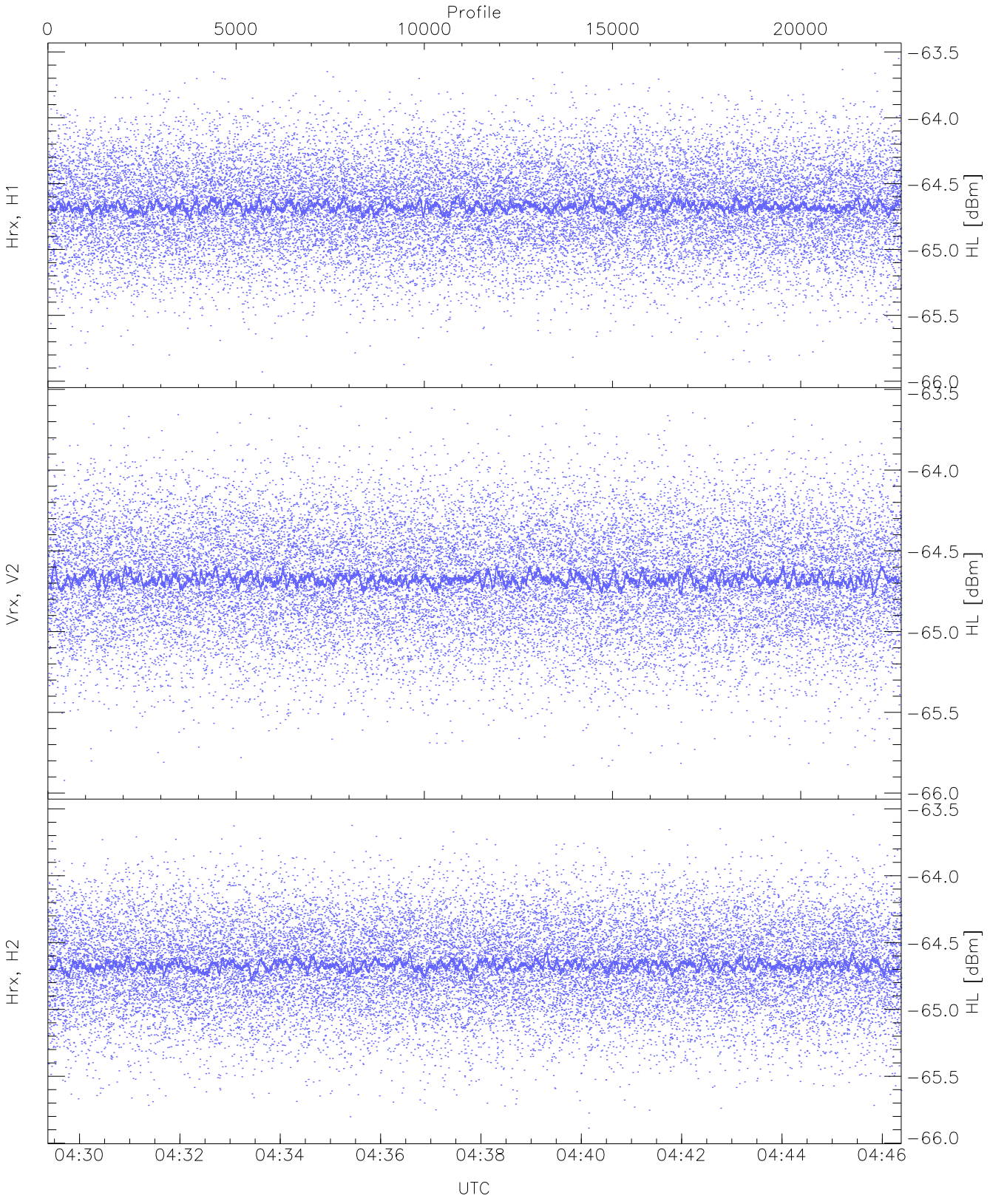
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.19	-65.32	-65.32	-86.54
RMPHrxH1(std_dBm)	-76.08	-74.64	-75.33	-75.34	-89.16
RMPVrxV2(mean_dBm)	-65.03	-64.80	-64.92	-64.92	-86.49
RMPVrxV2(std_dBm)	-75.71	-74.16	-74.93	-74.93	-88.73
RMPHrxH2(mean_dBm)	-65.01	-64.76	-64.89	-64.89	-86.48
RMPHrxH2(std_dBm)	-75.71	-74.15	-74.90	-74.90	-88.71



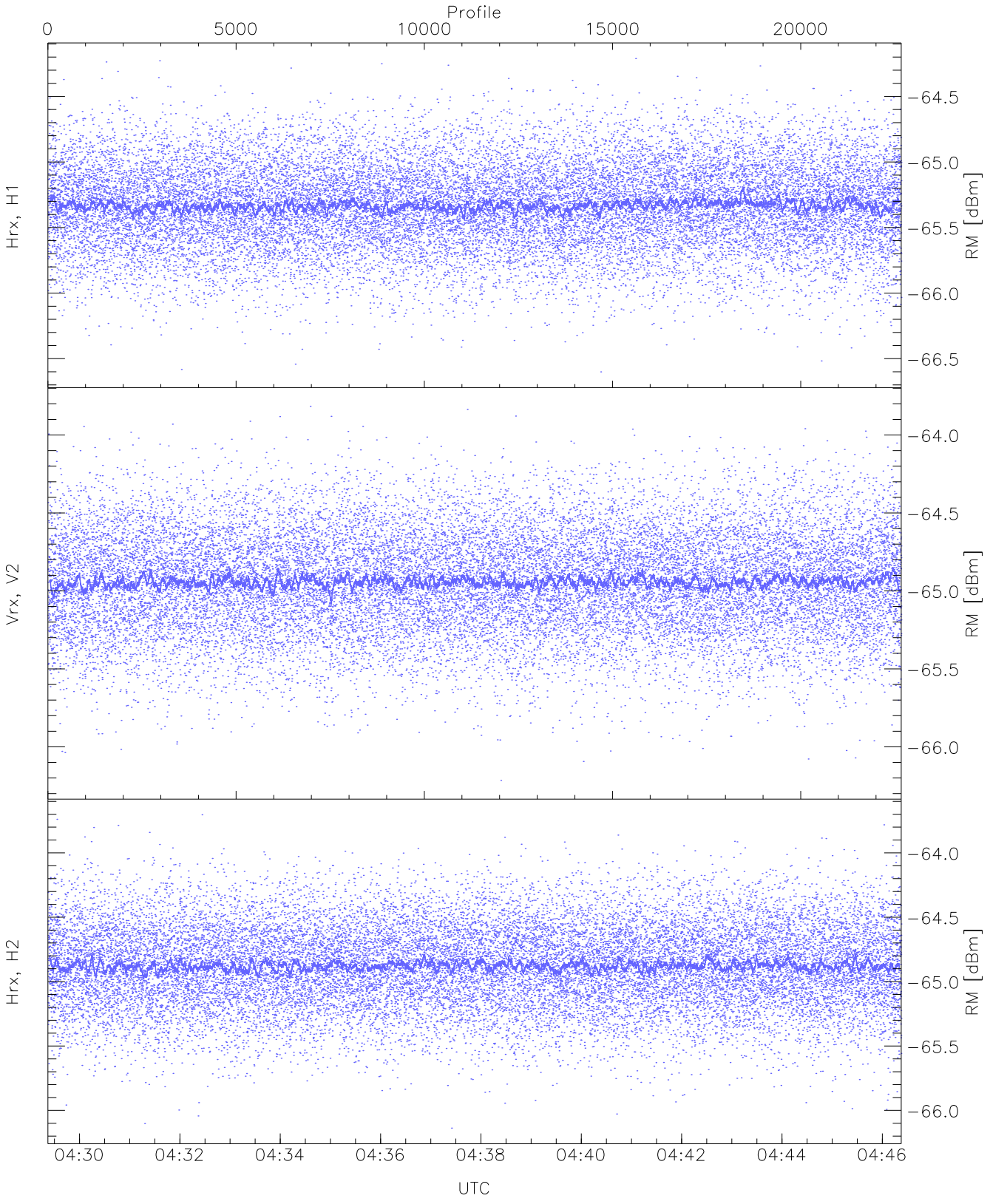
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.13	-63.67	-64.86	-64.87	-76.32
Vrx, V2(WL [dBm])	-66.22	-63.65	-64.87	-64.88	-76.35
Hrx, H2(WL [dBm])	-66.01	-63.73	-64.86	-64.87	-76.35



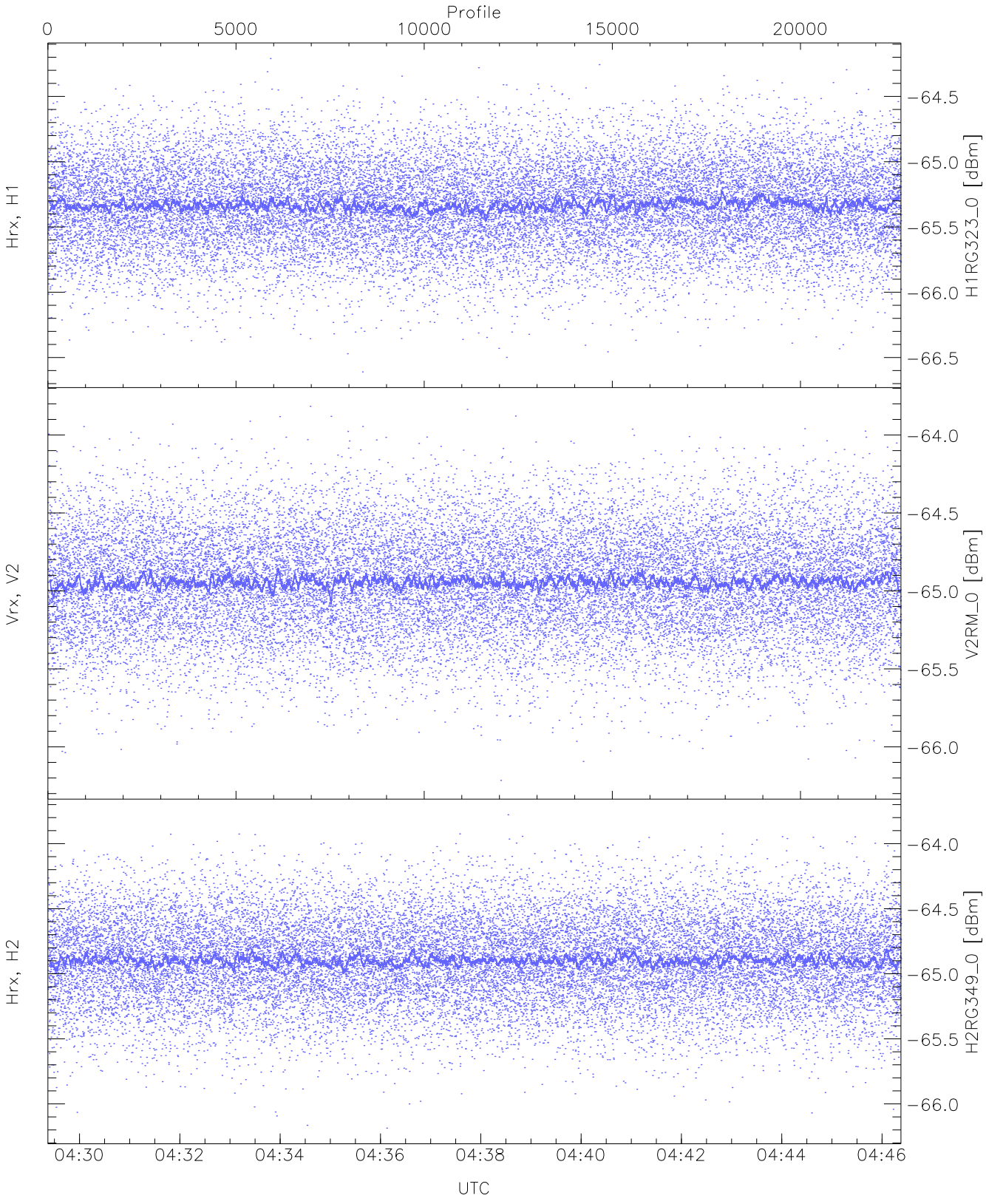
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.93	-63.55	-64.67	-64.67	-76.18
Vrx, V2(HL [dBm])	-65.92	-63.60	-64.67	-64.67	-76.15
Hrx, H2(HL [dBm])	-65.89	-63.54	-64.66	-64.67	-76.17



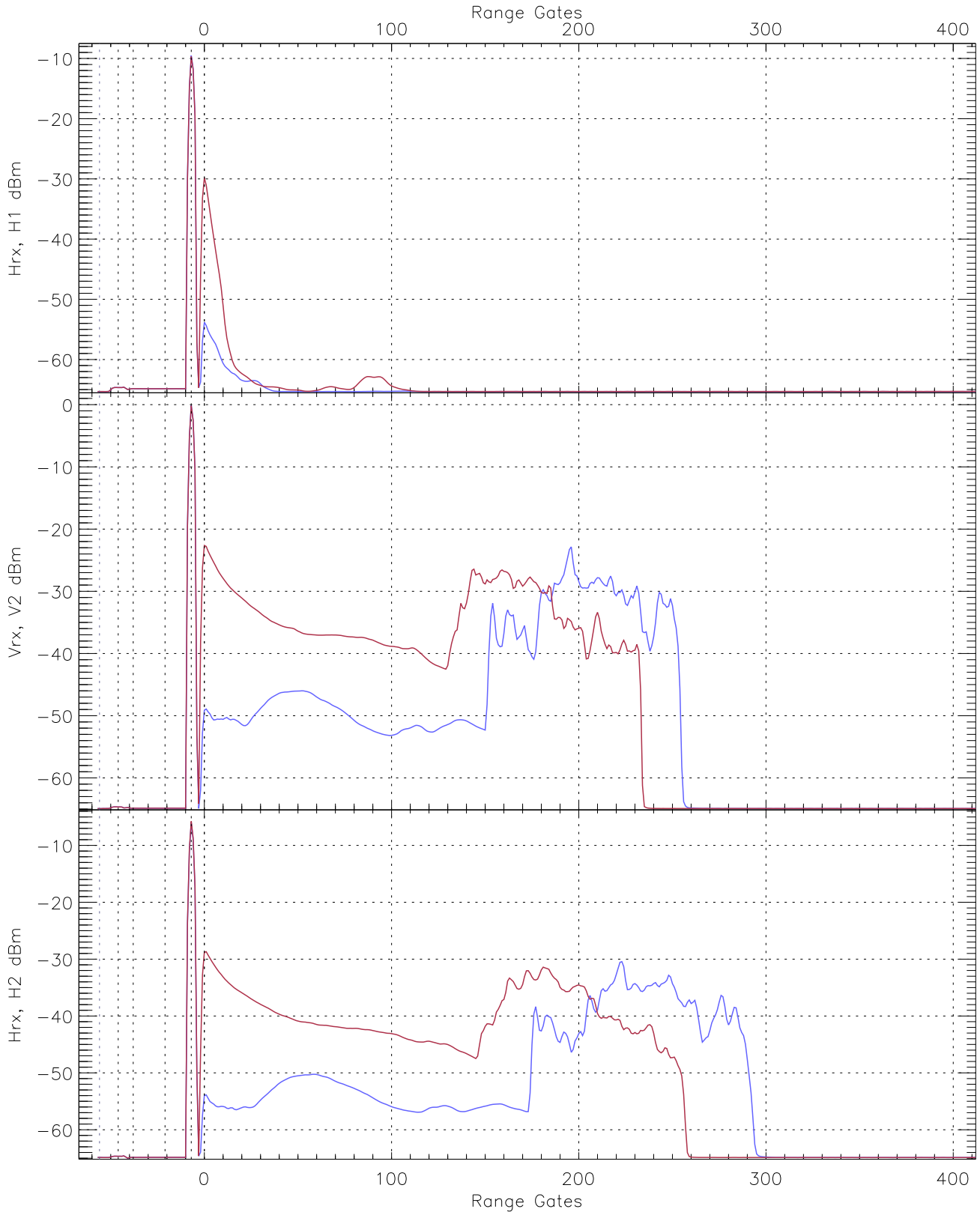
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.60	-64.21	-65.33	-65.33	-76.83
Vrx, V2(RM [dBm])	-66.22	-63.82	-64.93	-64.94	-76.45
Hrx, H2(RM [dBm])	-66.14	-63.70	-64.87	-64.88	-76.38

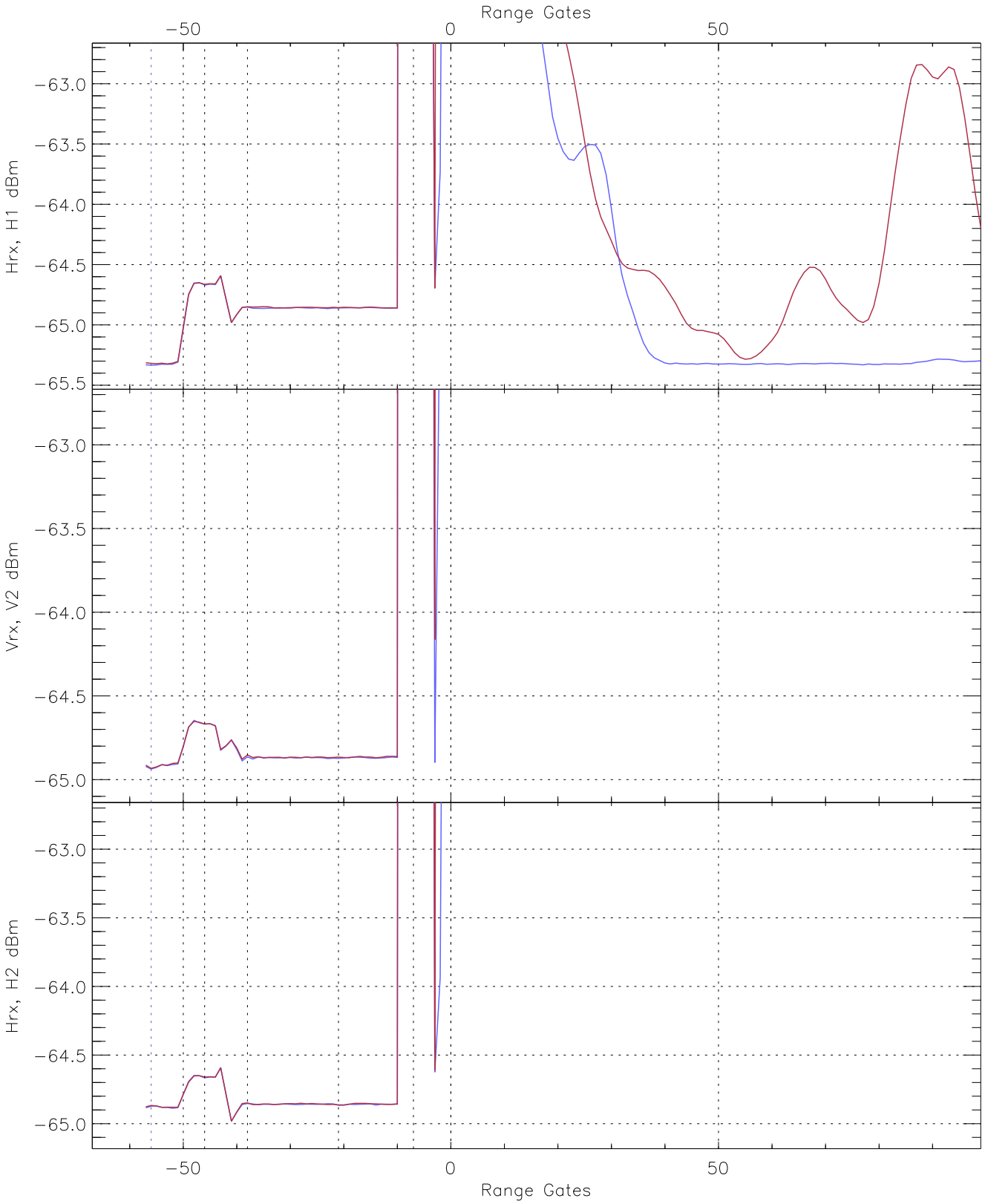


WCR3 CPP "Best" estimate Receivers Noise Power

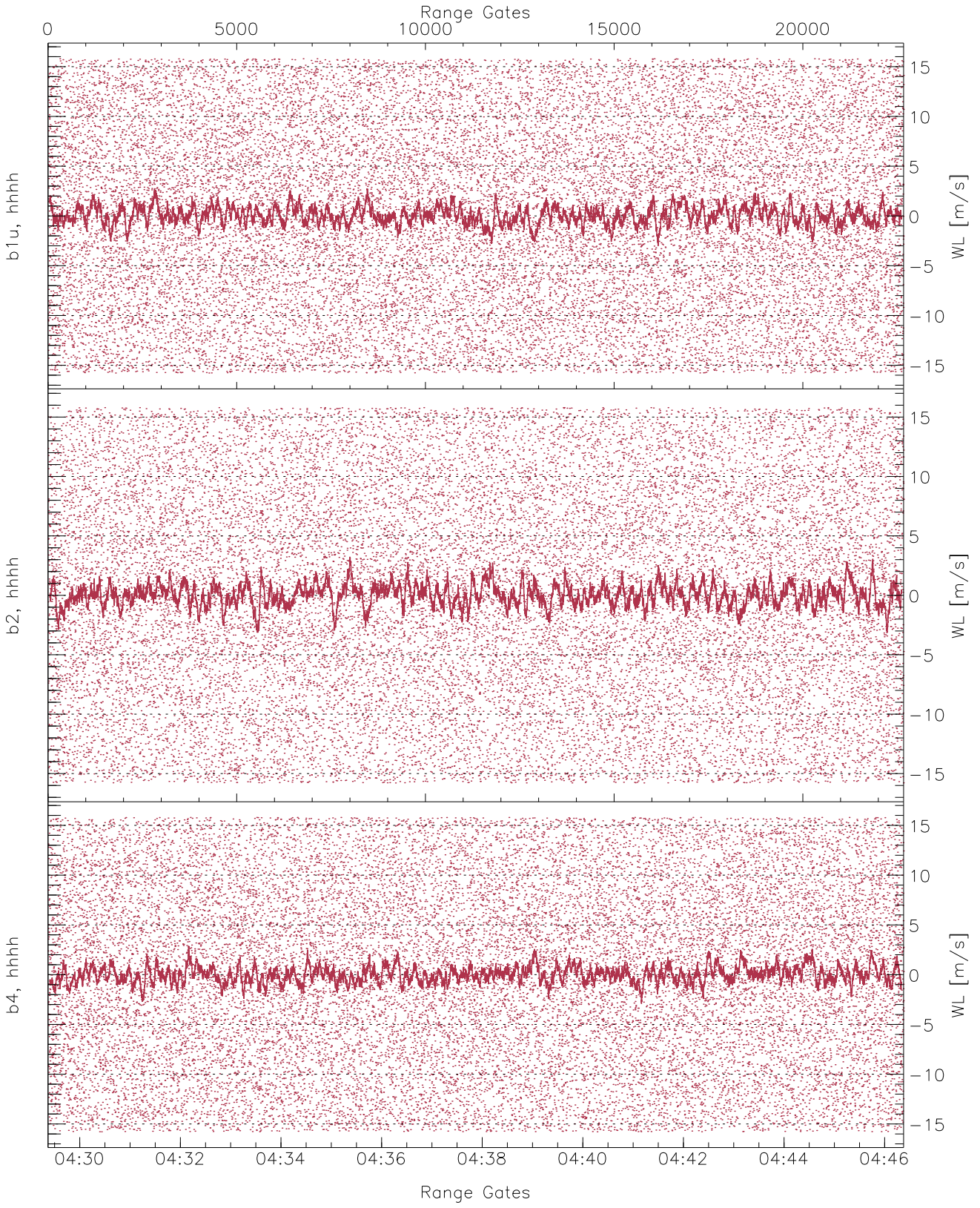
	Min	Max	Mean	Median	StDev
H1RG323_0 [dBm]	-66.61	-64.21	-65.33	-65.33	-76.85
V2RM_0 [dBm]	-66.22	-63.82	-64.93	-64.94	-76.45
H2RG349_0 [dBm]	-66.19	-63.78	-64.89	-64.90	-76.42



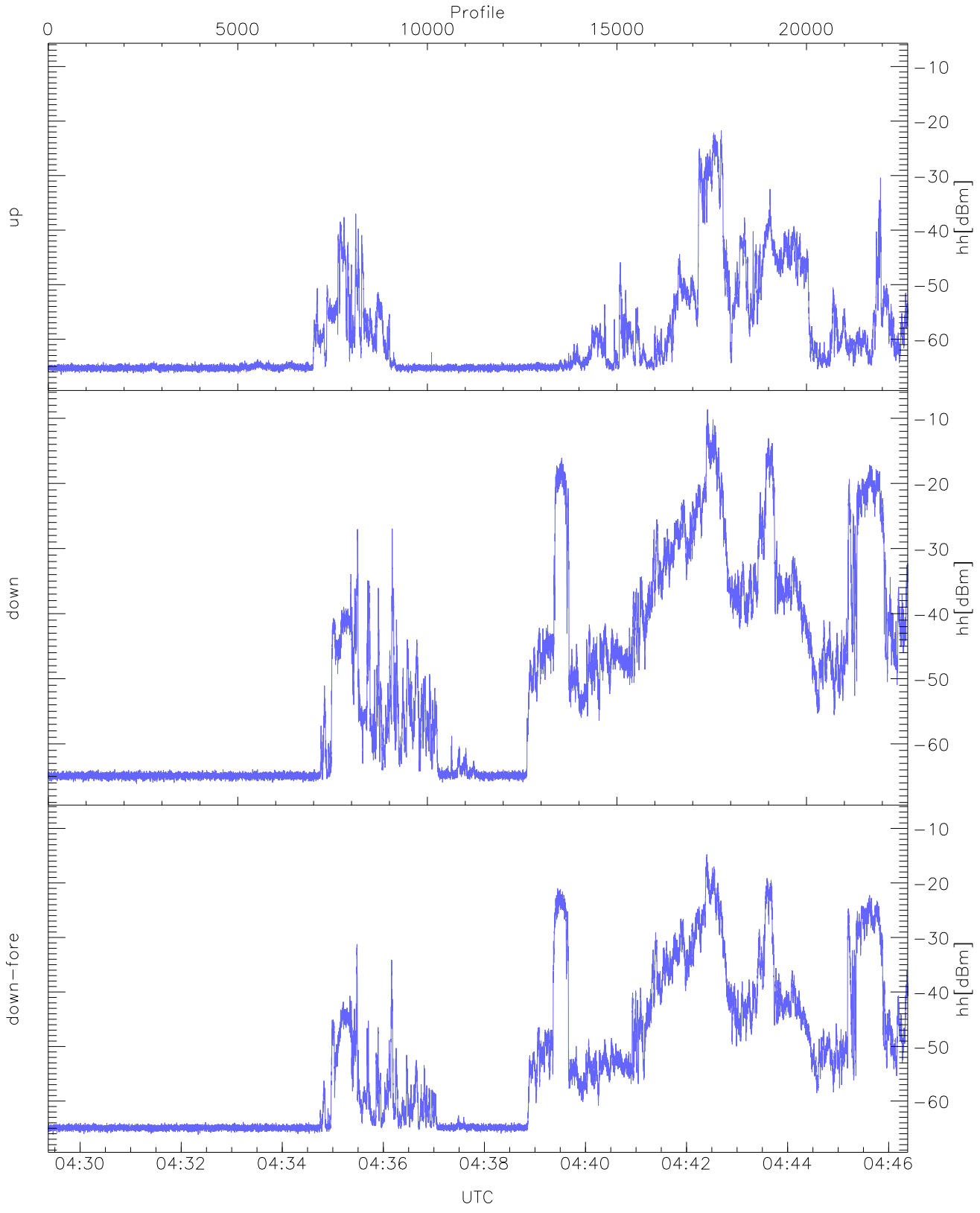
WCR3 CPP Averaged Received power for all recorded gates
blue: 042922-043752, 11337 profiles averaged
red: 043752-044623, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 042922-043752, 11337 profiles averaged
red: 043752-044623, 11336 profiles averaged

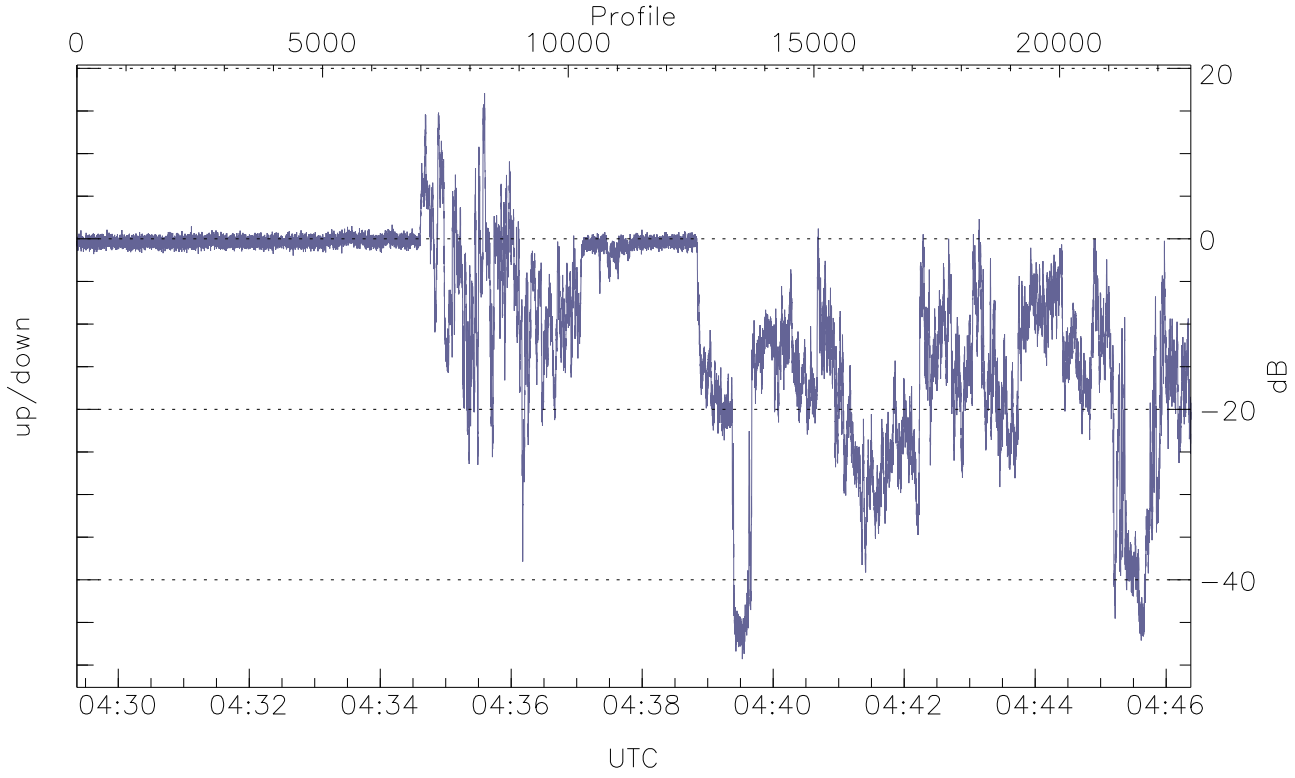


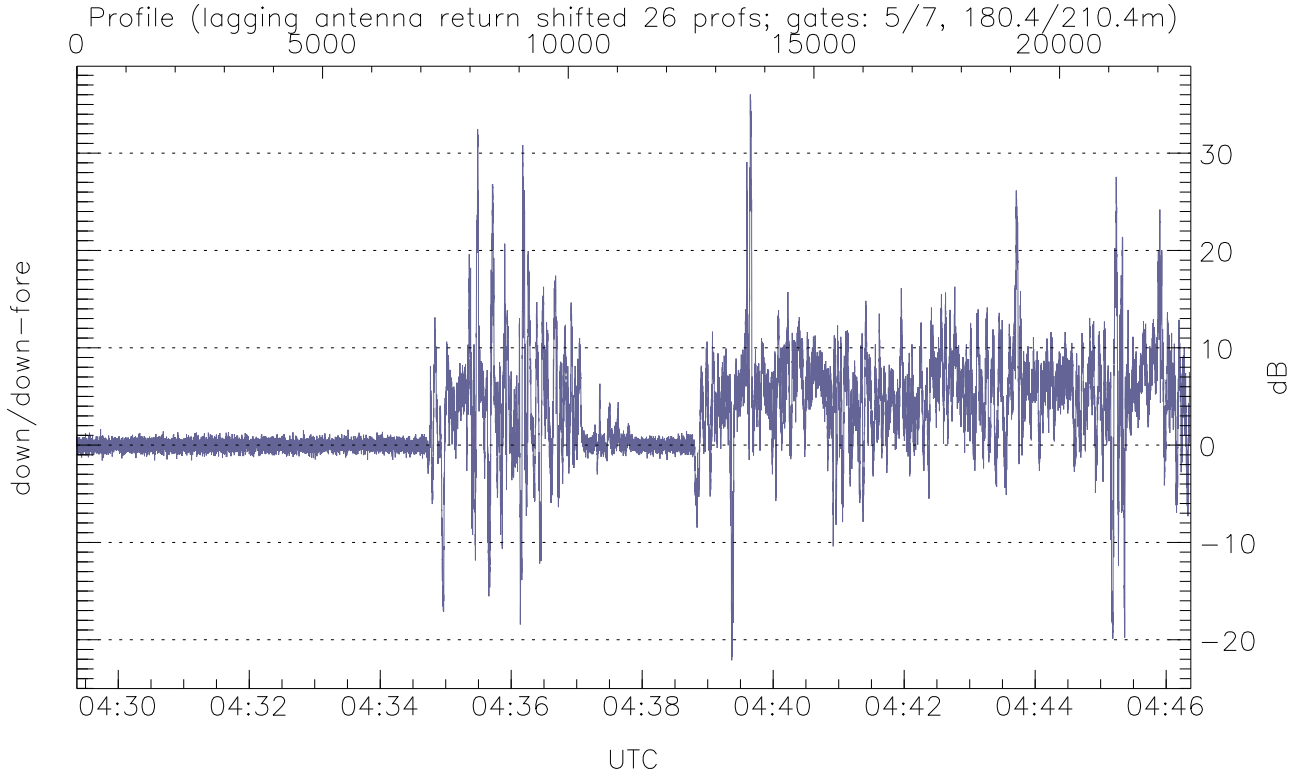
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

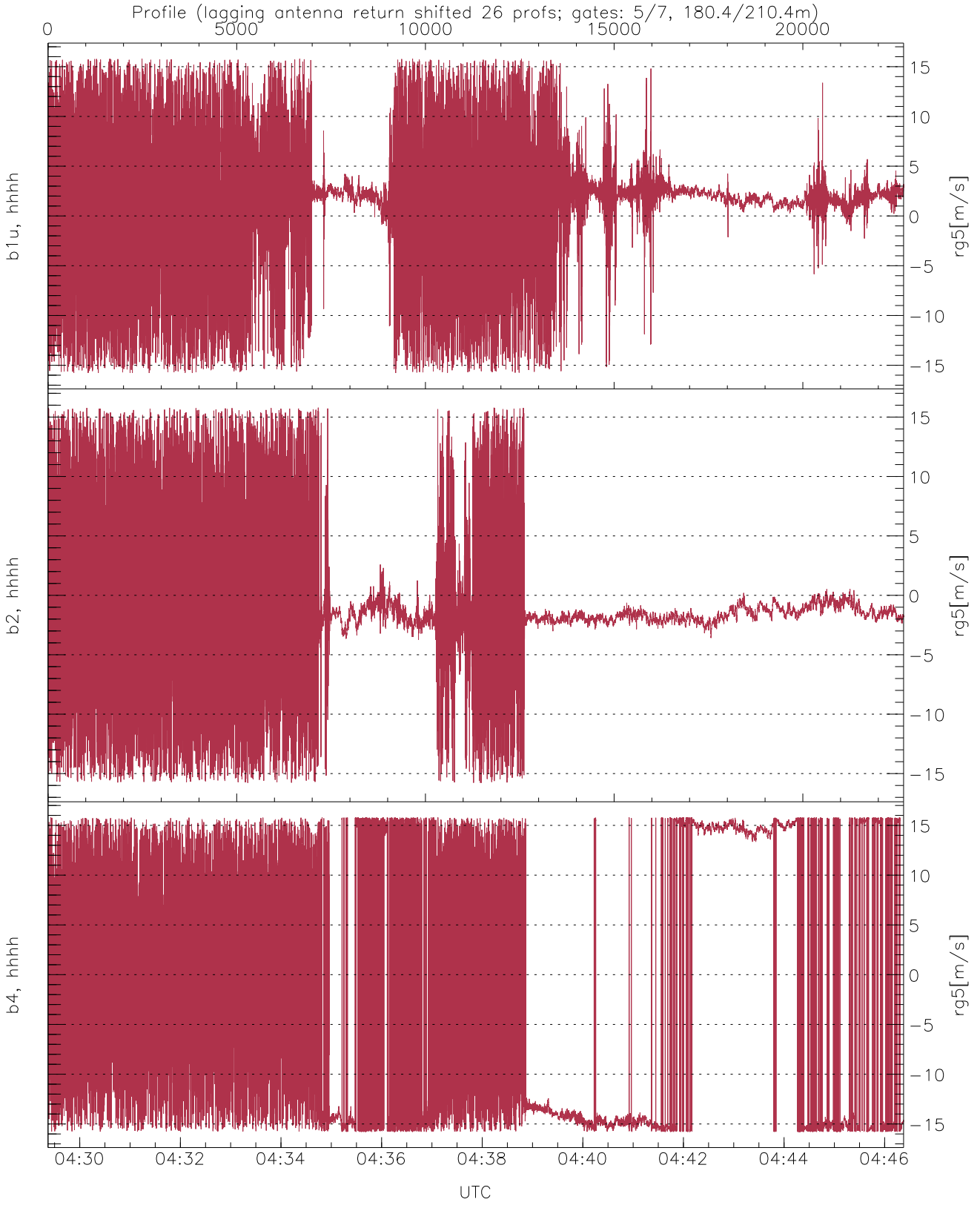
	Min	Max	Mean
up(hh[dBm])	-66.51	-21.70	-42.66
down(hh[dBm])	-66.14	-8.62	-28.35
down-fore(hh[dBm])	-66.18	-14.76	-33.89





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

	Min	Max	Mean
up/down(dB)	-49.30	17.07	-9.26
down/down-fore(dB)	-22.11	36.02	2.97



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.12	5.54
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.96	5.24
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.65	12.58