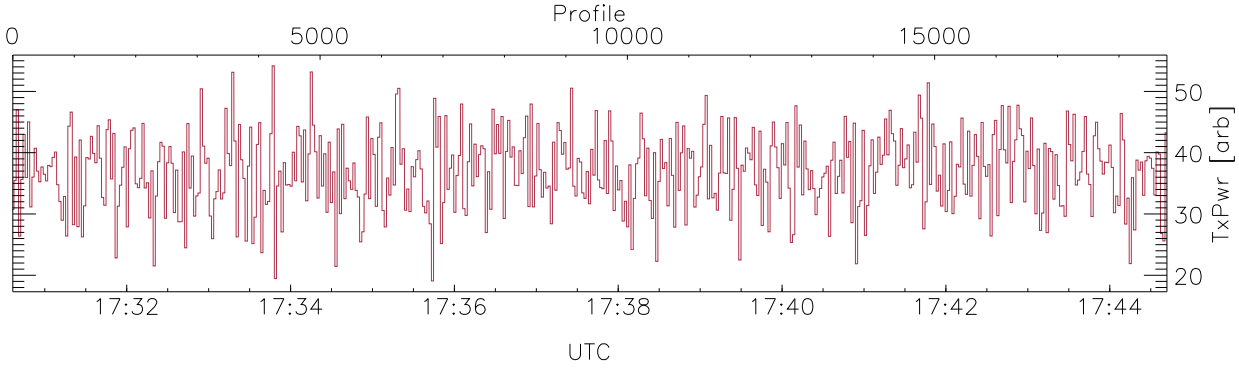
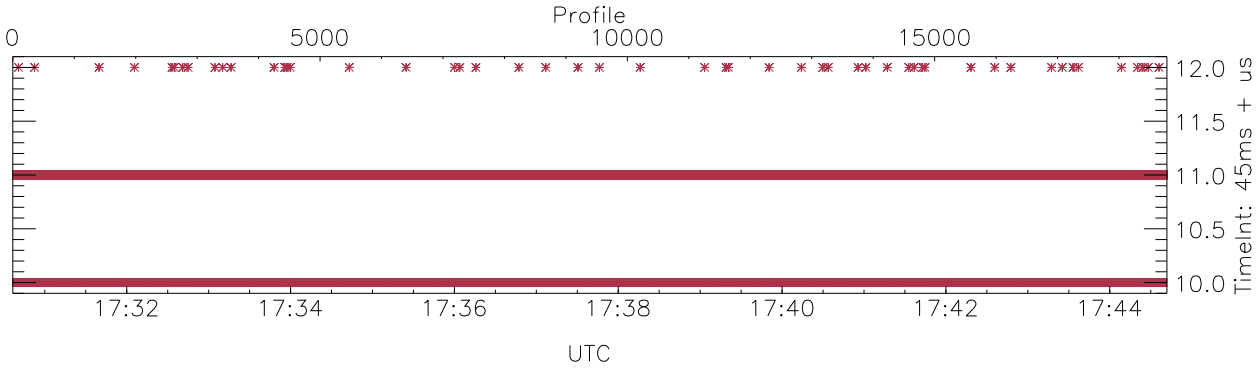
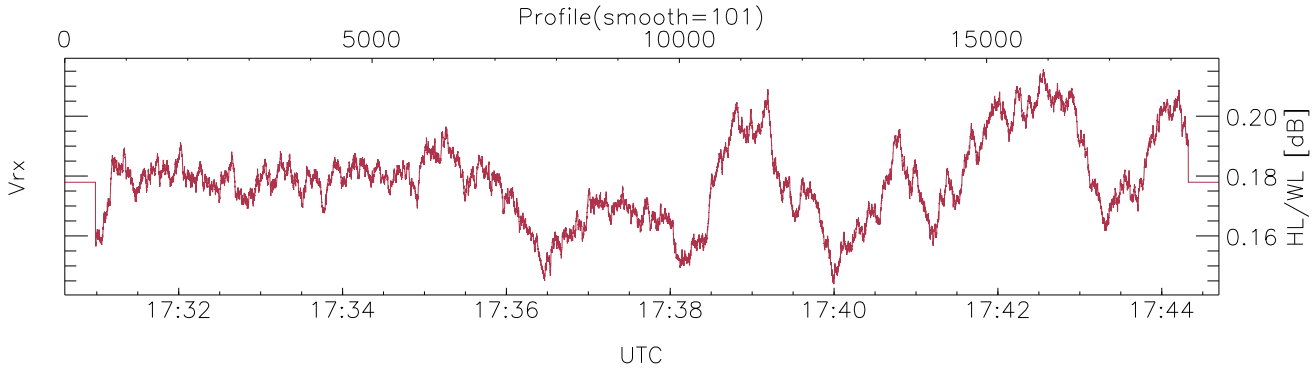
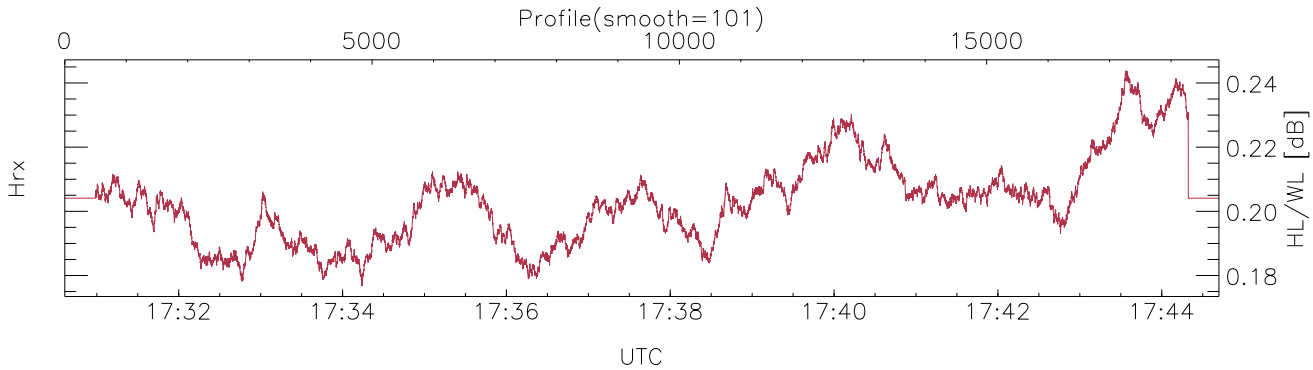


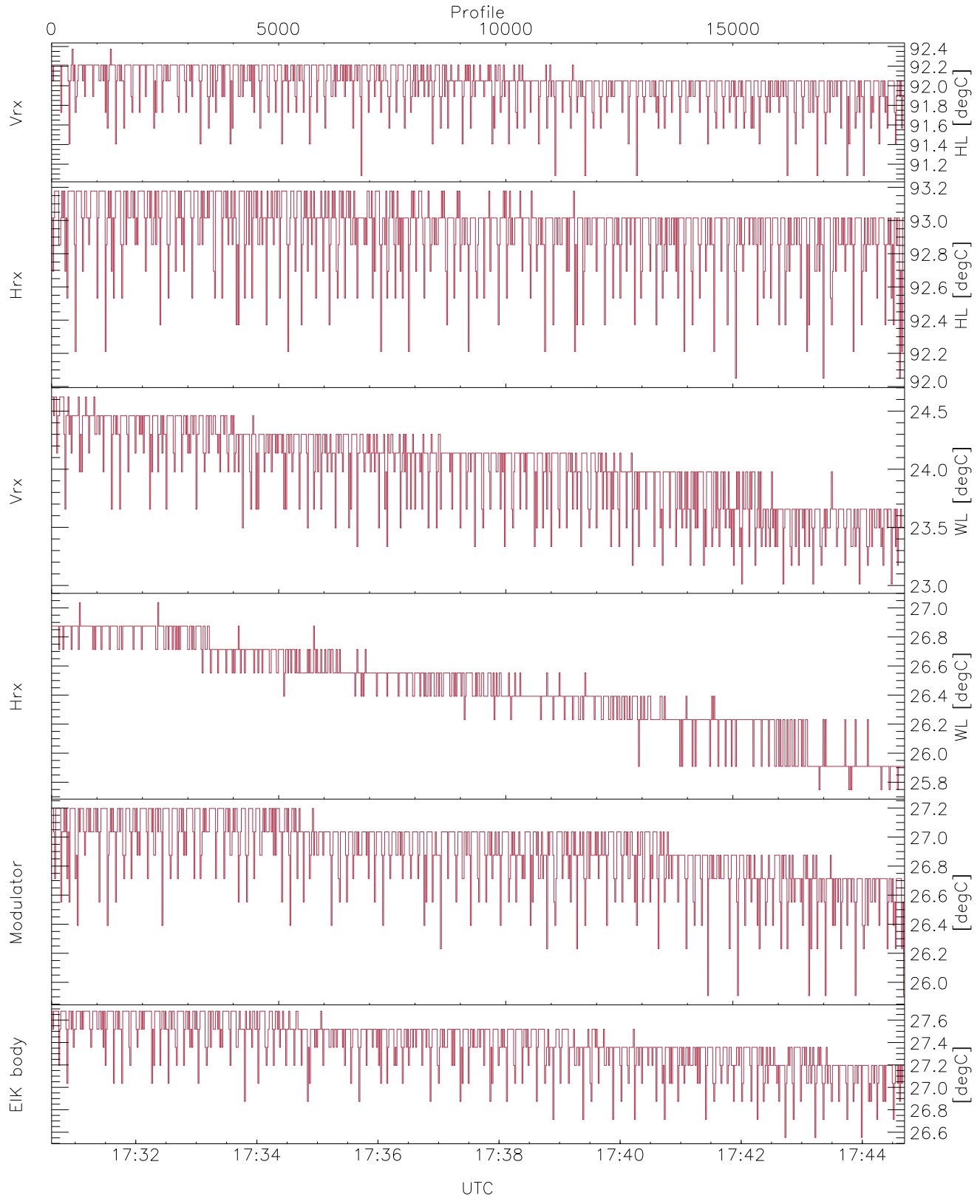






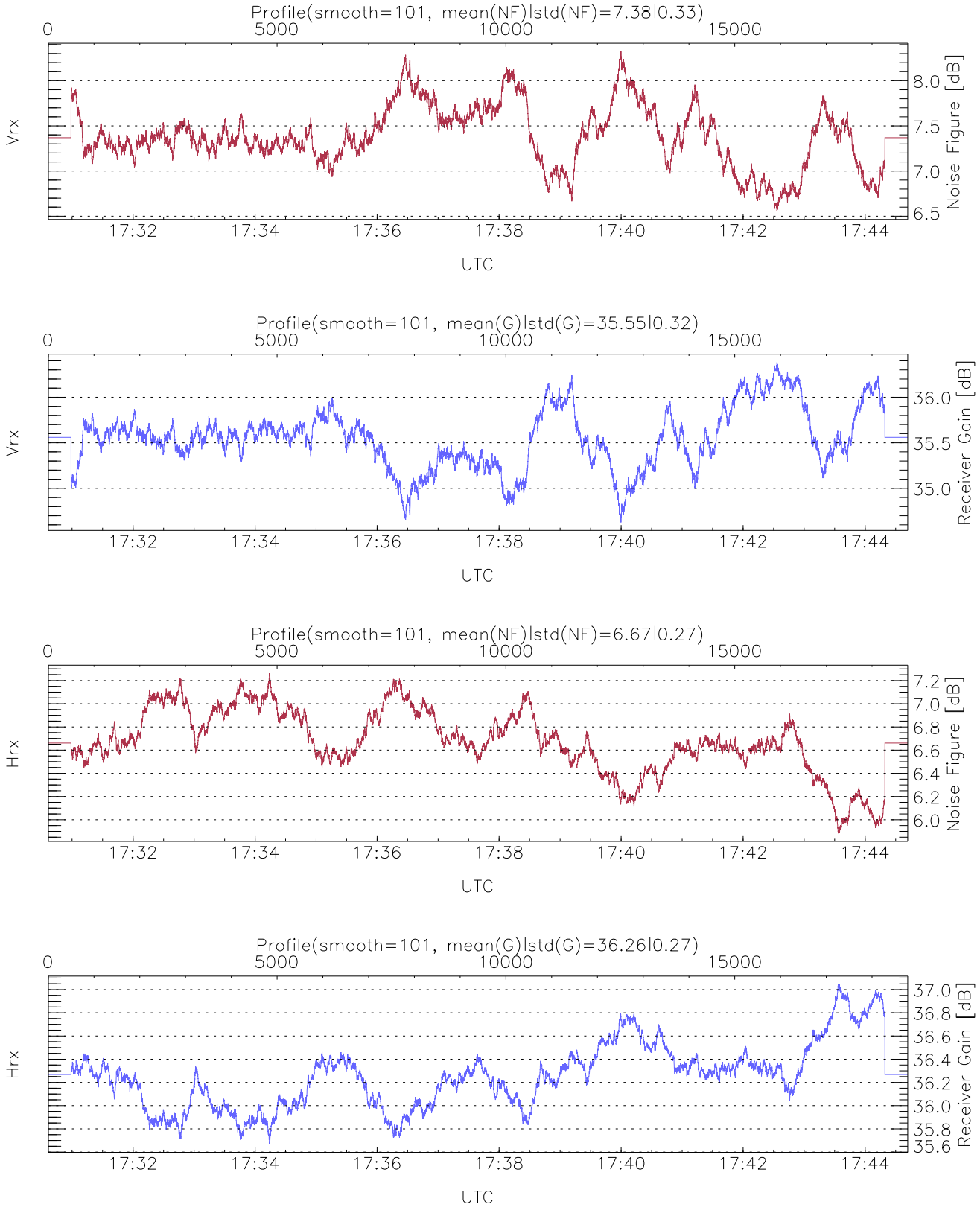
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:30:37-17:44:42, TimeCor: 0.00s, Dur: 845.36s
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): 18782/18782, 0-18781/17:30:37-17:44:42
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



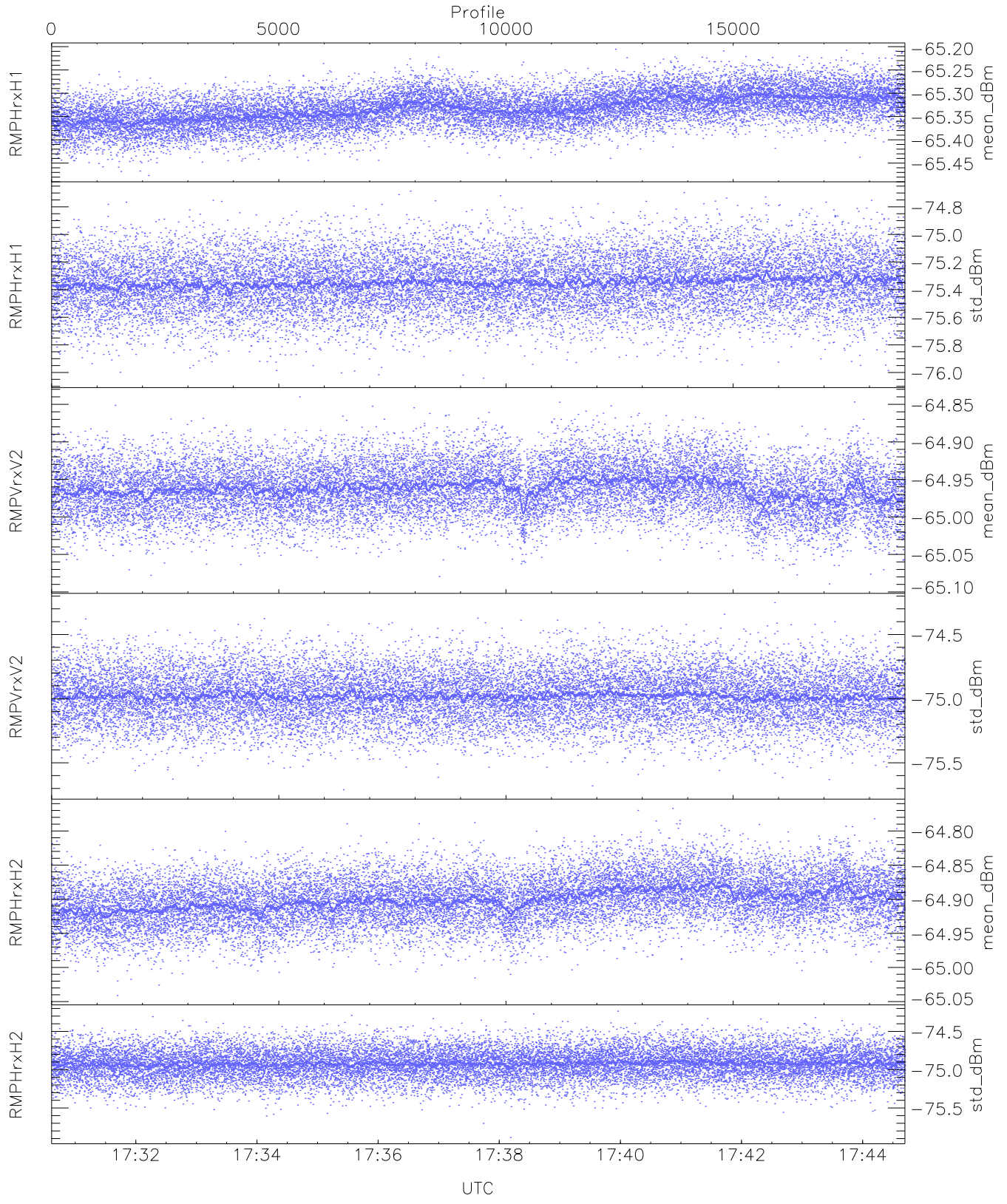
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,27,27
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



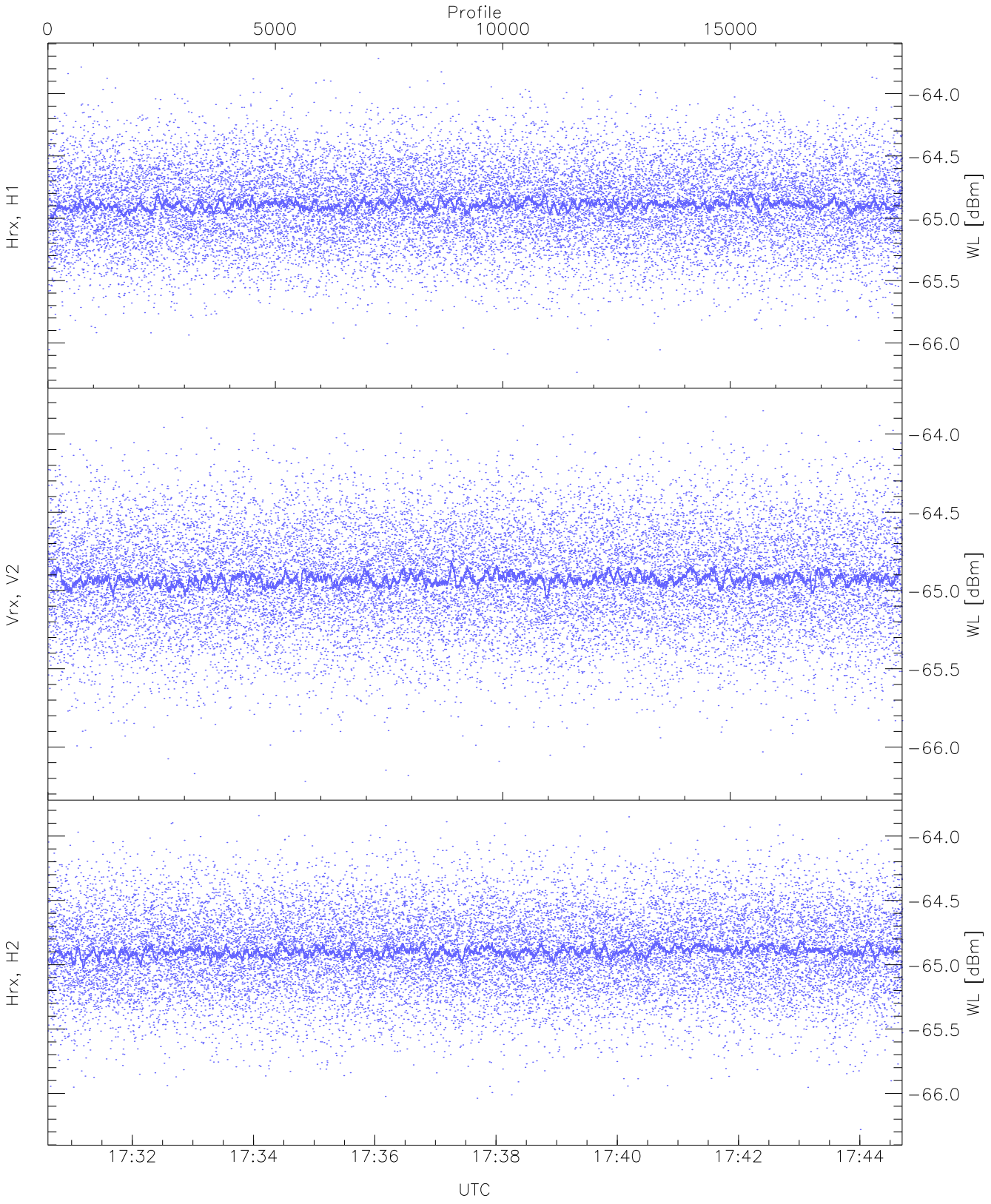
WCR3 CPP Receivers Gain and Noise Figure

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



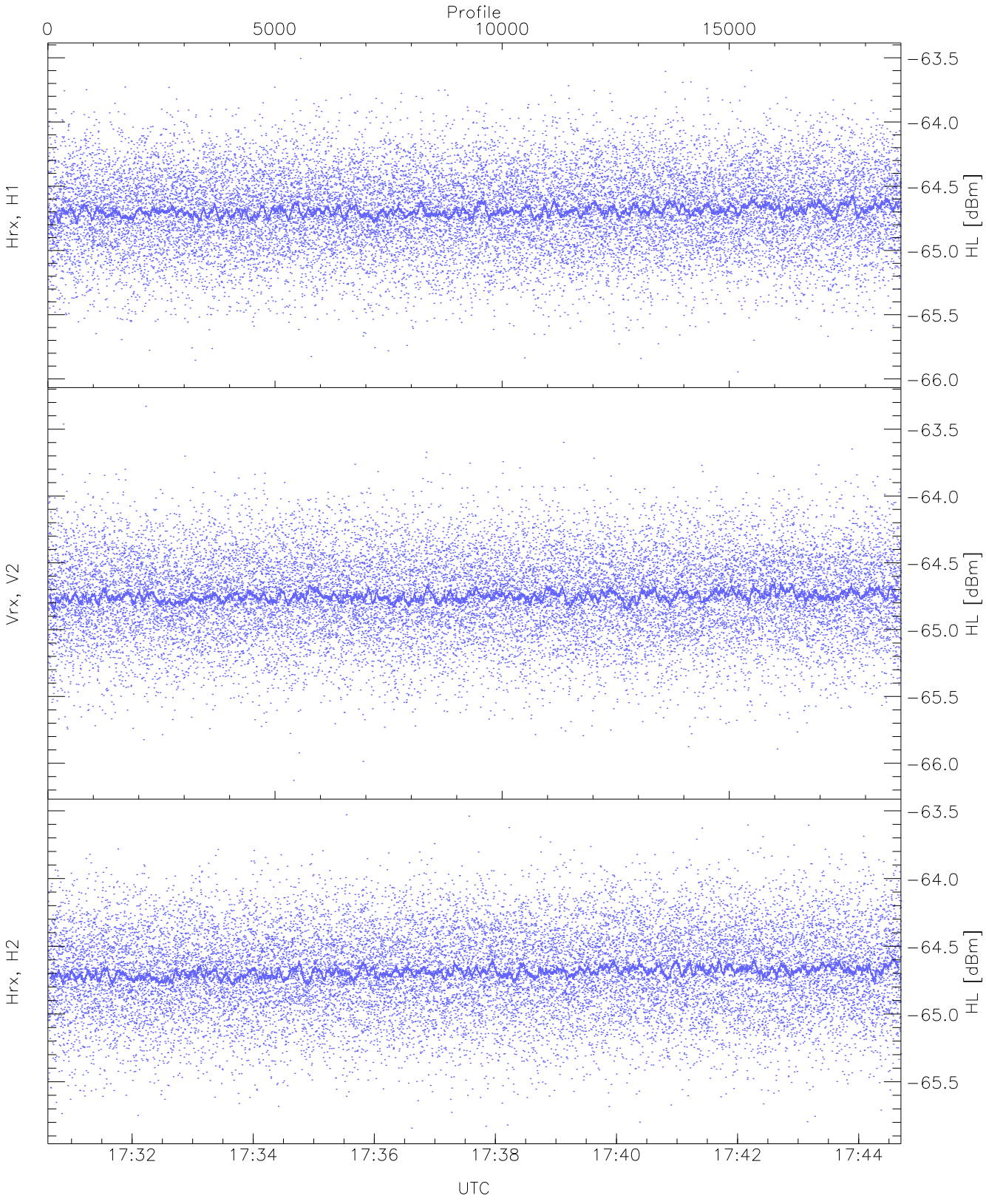
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.21	-65.33	-65.33	-86.17
RMPHrxH1(std_dBm)	-76.04	-74.69	-75.35	-75.35	-89.12
RMPVrxV2(mean_dBm)	-65.09	-64.84	-64.96	-64.96	-86.35
RMPVrxV2(std_dBm)	-75.71	-74.25	-74.98	-74.98	-88.76
RMPHrxH2(mean_dBm)	-65.04	-64.77	-64.90	-64.90	-86.16
RMPHrxH2(std_dBm)	-75.89	-74.24	-74.92	-74.92	-88.71



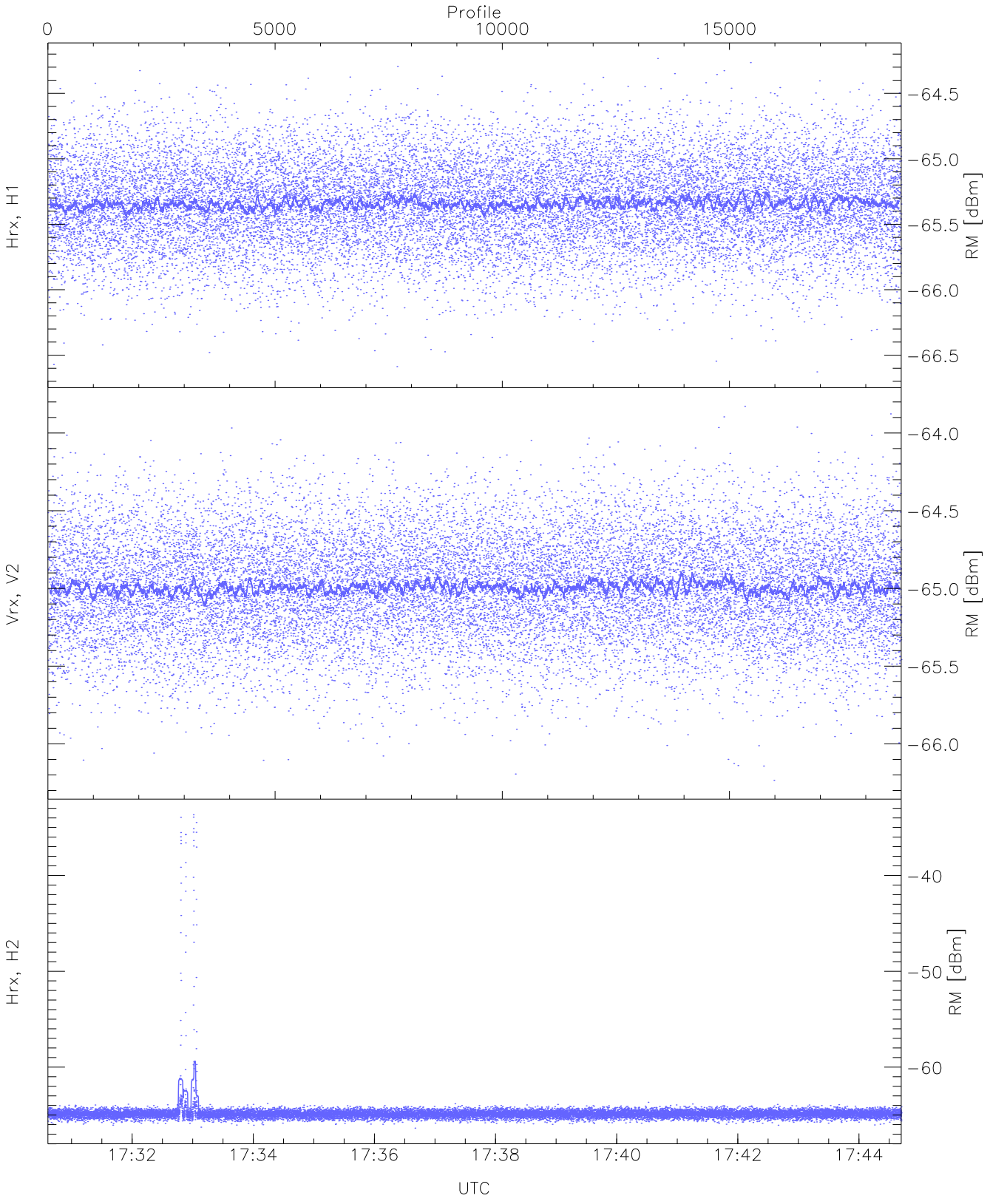
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.24	-63.72	-64.88	-64.89	-76.37
Vrx, V2(WL [dBm])	-66.22	-63.83	-64.92	-64.93	-76.40
Hrx, H2(WL [dBm])	-66.28	-63.84	-64.89	-64.90	-76.41



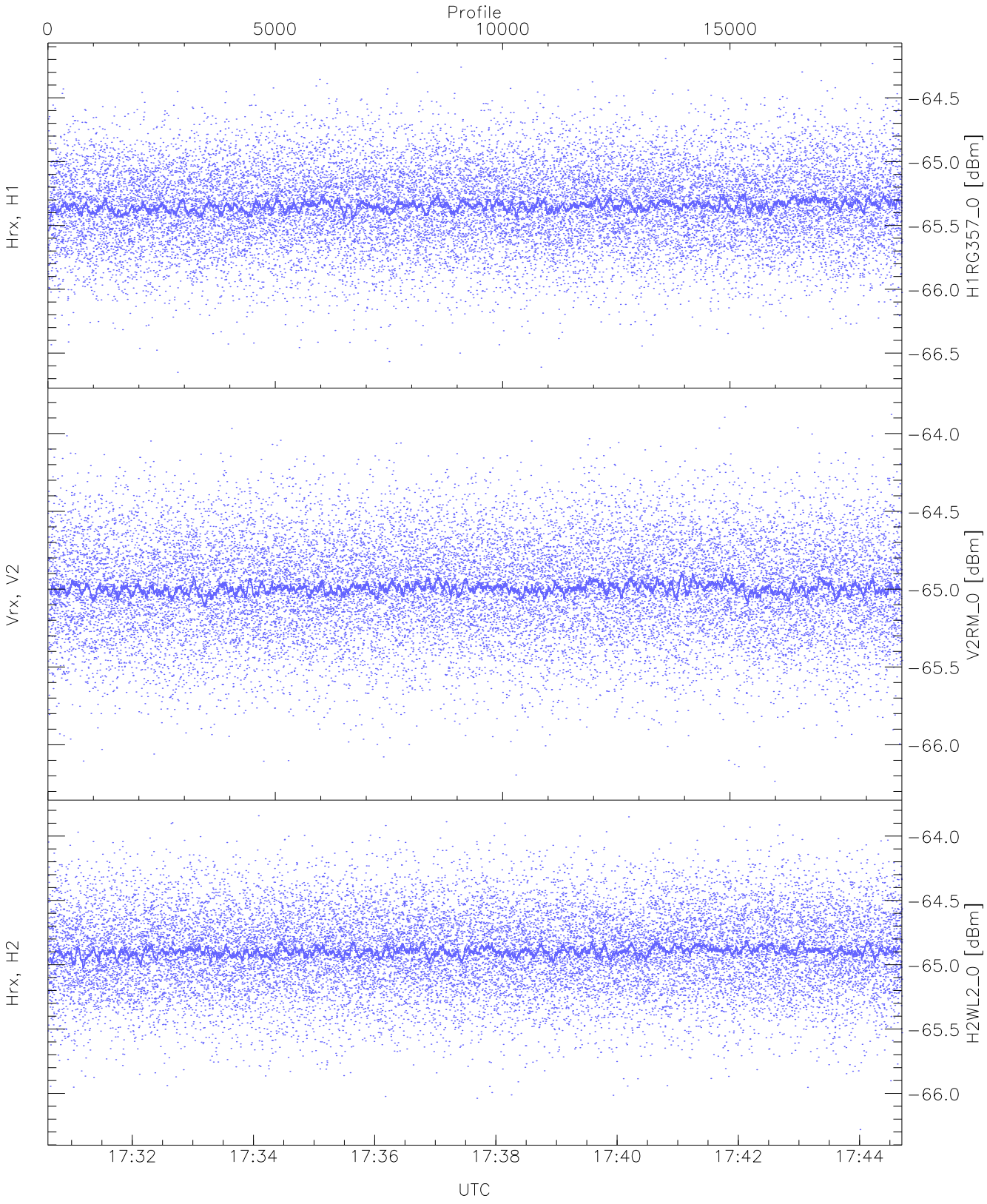
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.95	-63.51	-64.68	-64.69	-76.19
Vrx, V2(HL [dBm])	-66.13	-63.33	-64.74	-64.75	-76.23
Hrx, H2(HL [dBm])	-65.84	-63.53	-64.68	-64.69	-76.14



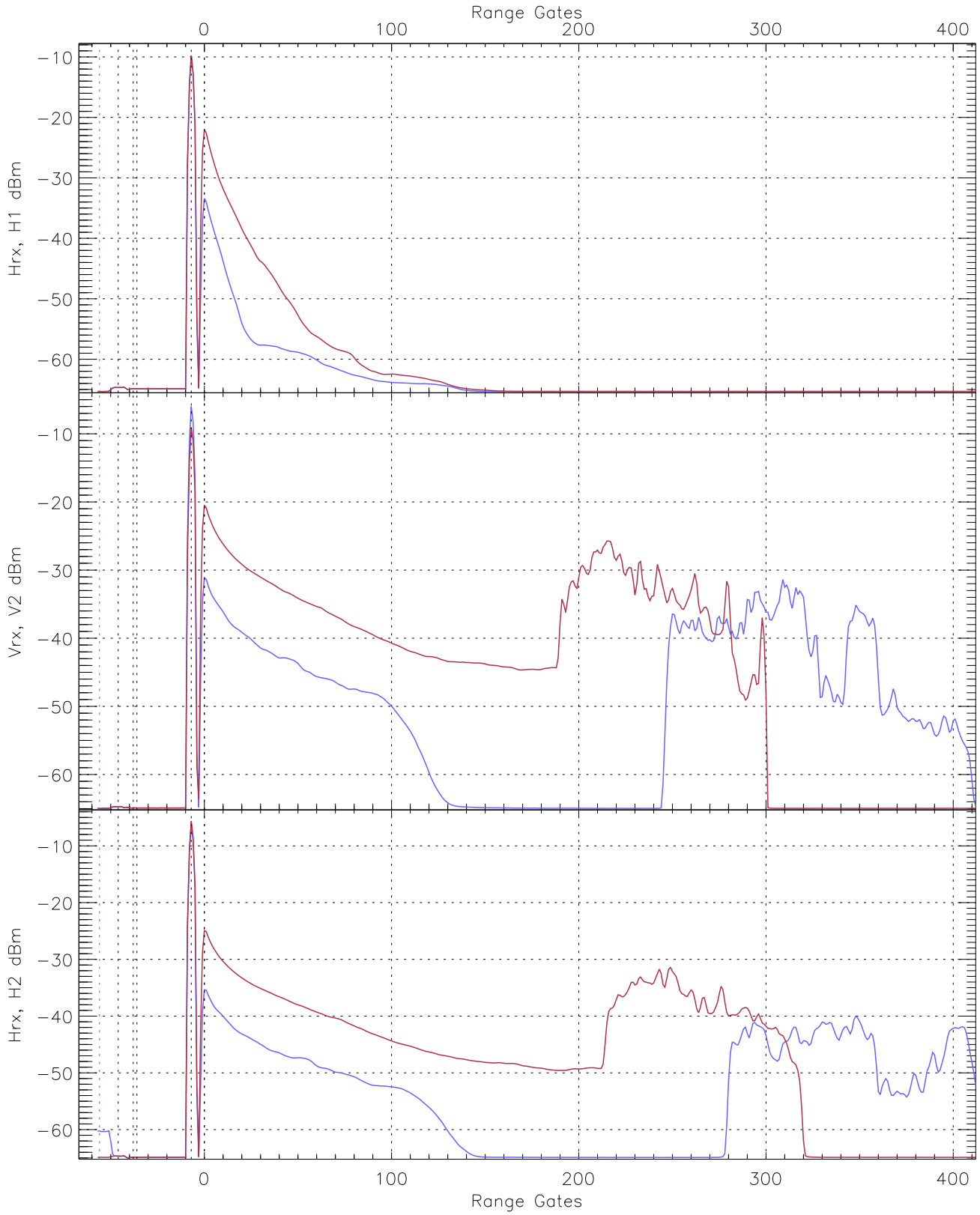
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.63	-64.23	-65.33	-65.34	-76.82
Vrx, V2(RM [dBm])	-66.24	-63.83	-64.99	-65.00	-76.51
Hrx, H2(RM [dBm])	-66.36	-33.67	-61.95	-64.89	-50.44

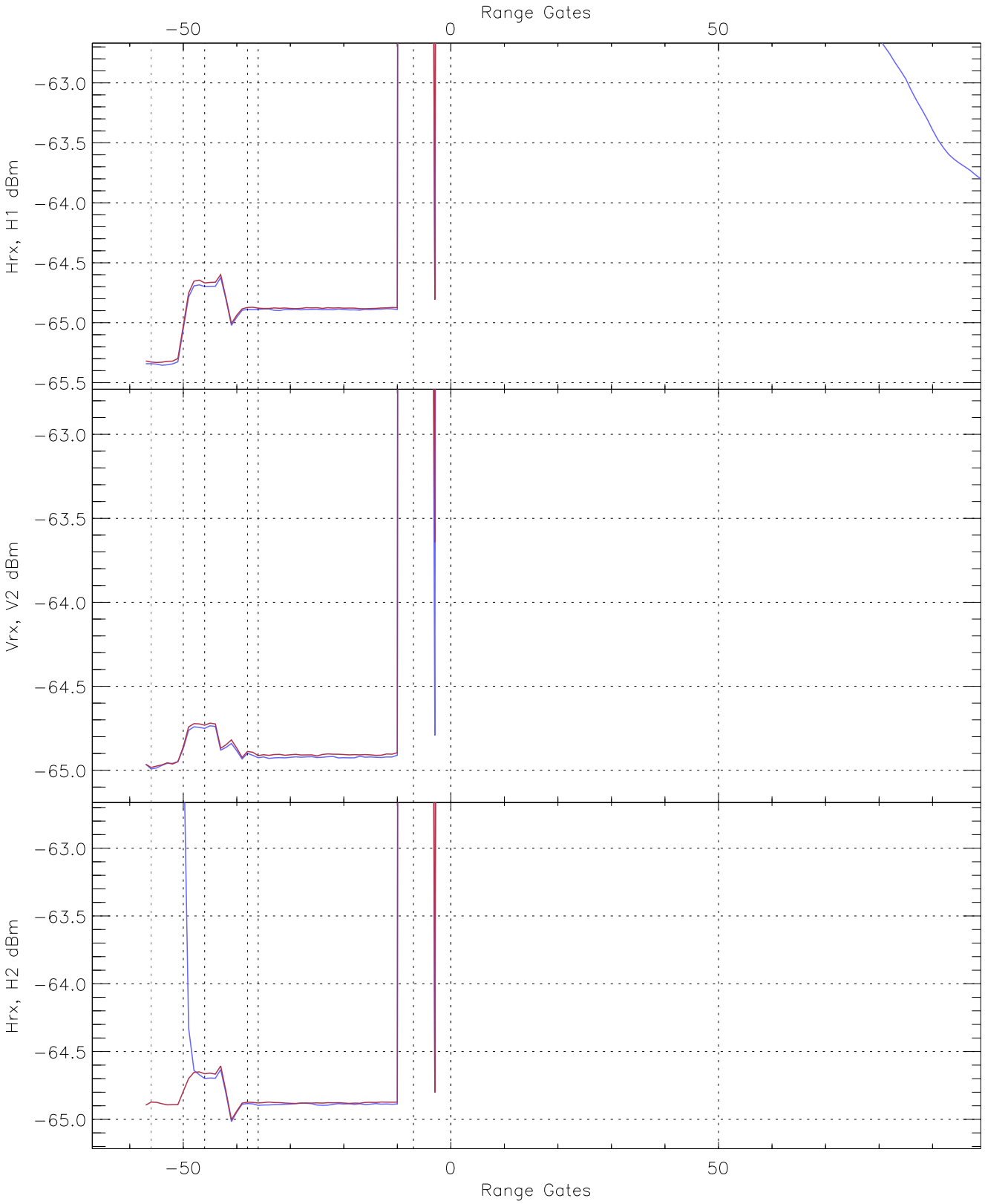


WCR3 CPP "Best" estimate Receivers Noise Power

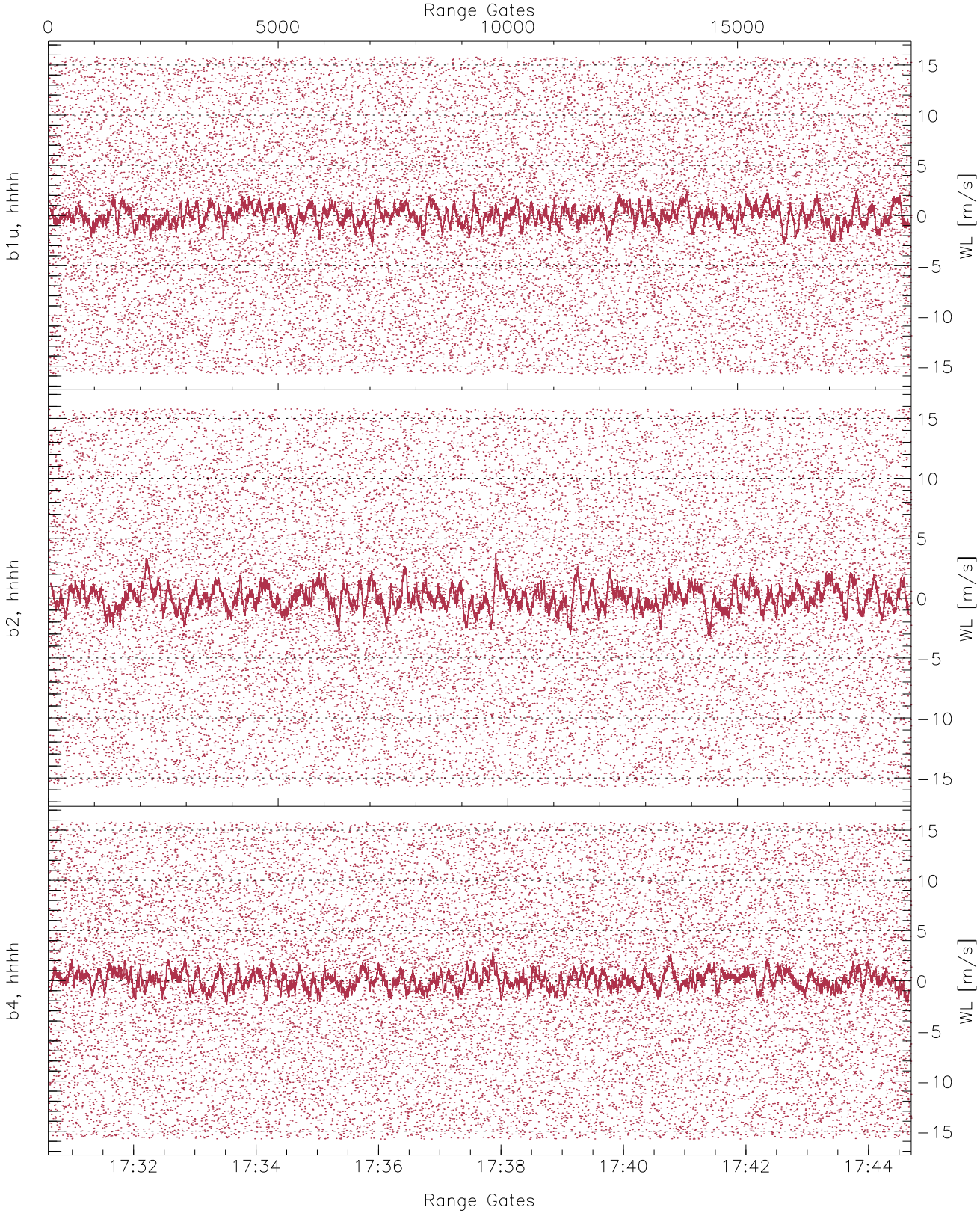
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-66.65	-64.19	-65.34	-65.34	-76.81
V2RM_0 [dBm]	-66.24	-63.83	-64.99	-65.00	-76.51
H2WL2_0 [dBm]	-66.28	-63.84	-64.89	-64.90	-76.41



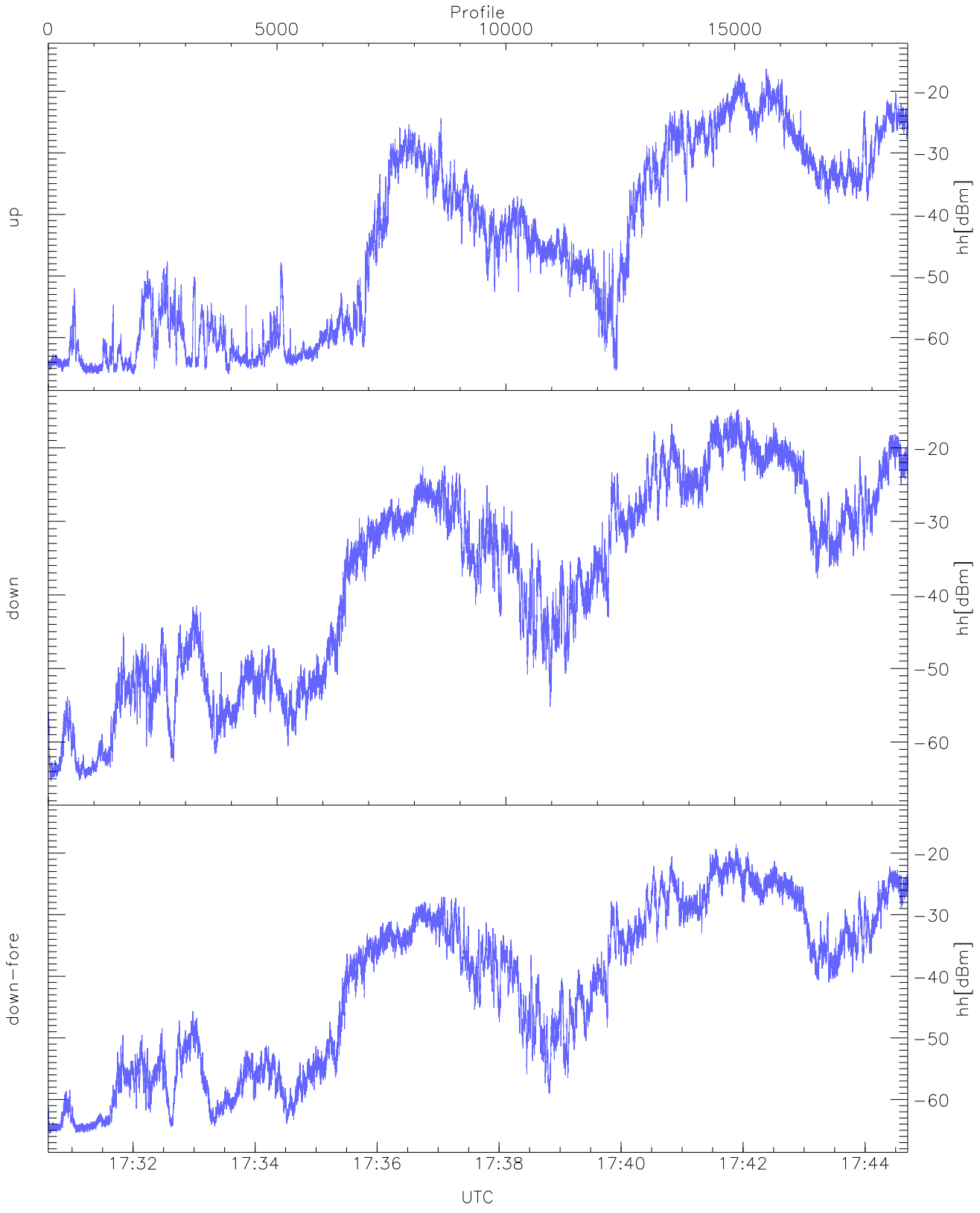
WCR3 CPP Averaged Received power for all recorded gates
blue: 173037-173739, 9392 profiles averaged
red: 173739-174442, 9391 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 173037-173739, 9392 profiles averaged
red: 173739-174442, 9391 profiles averaged

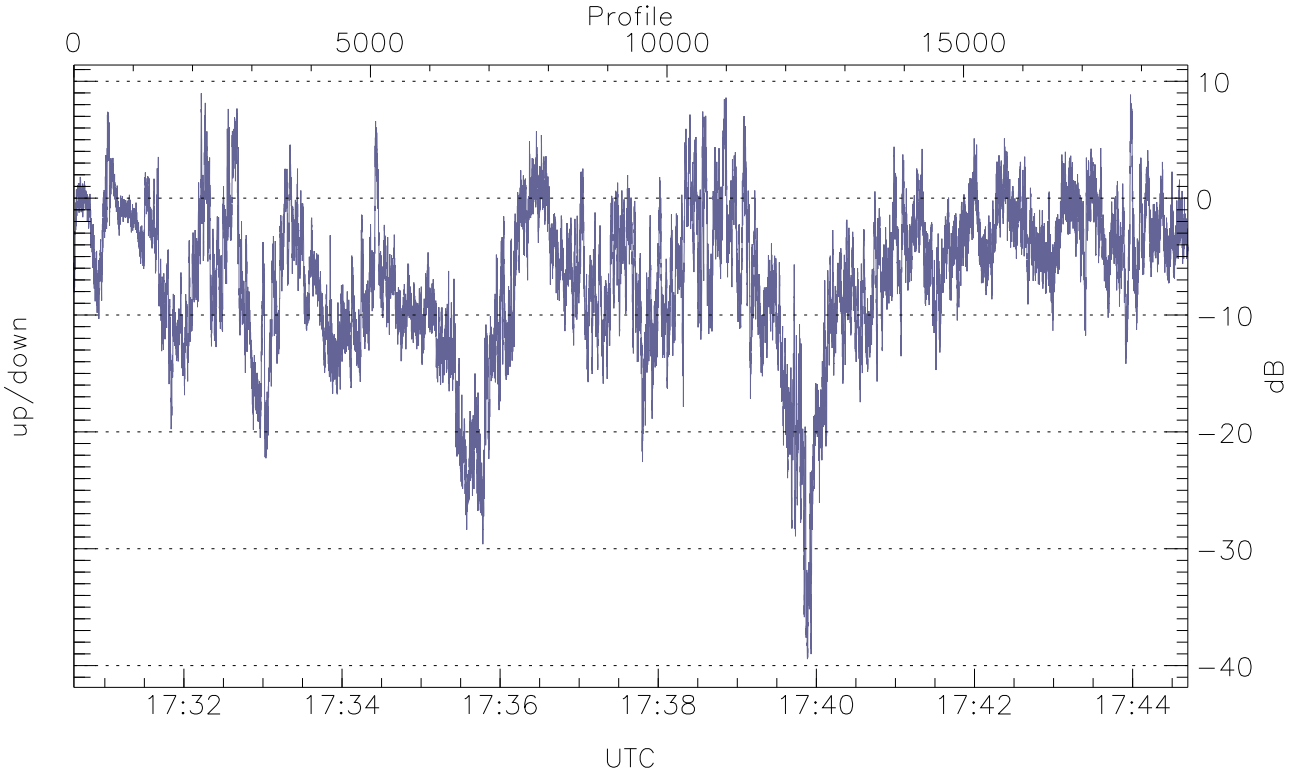


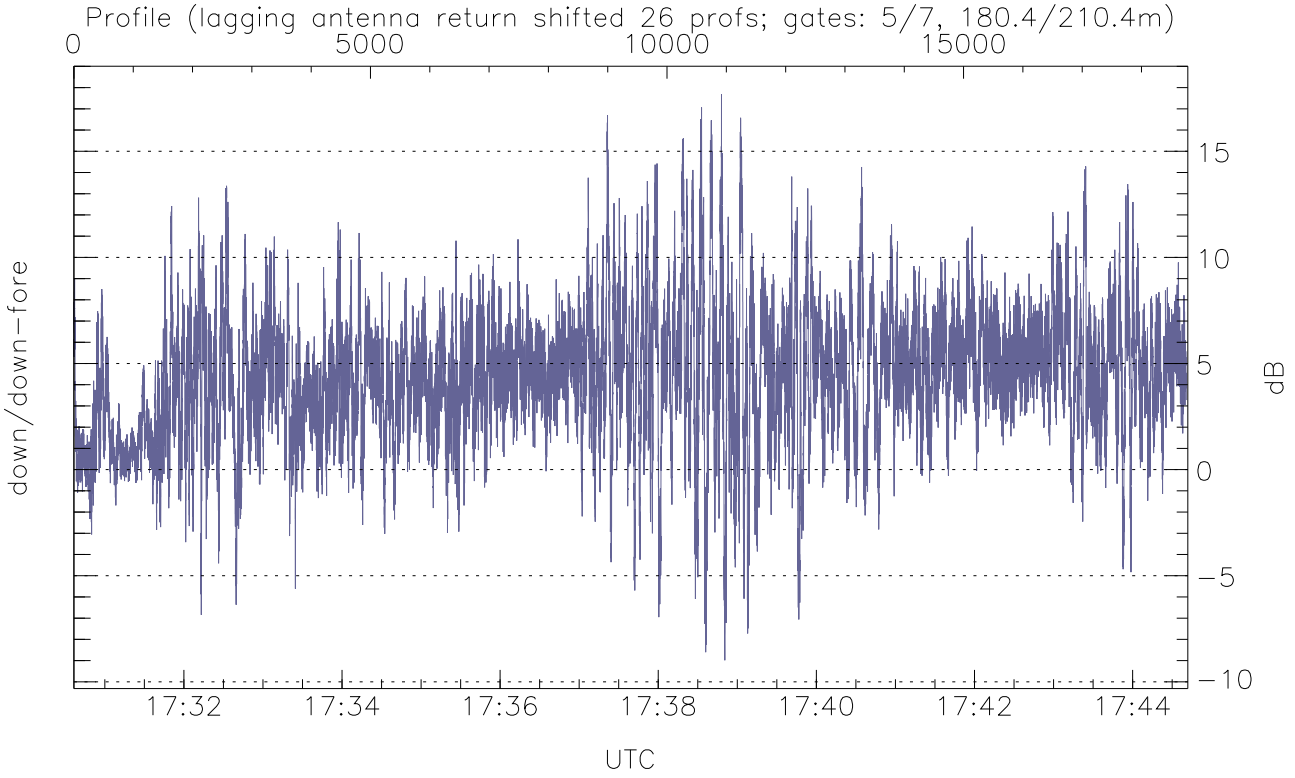
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

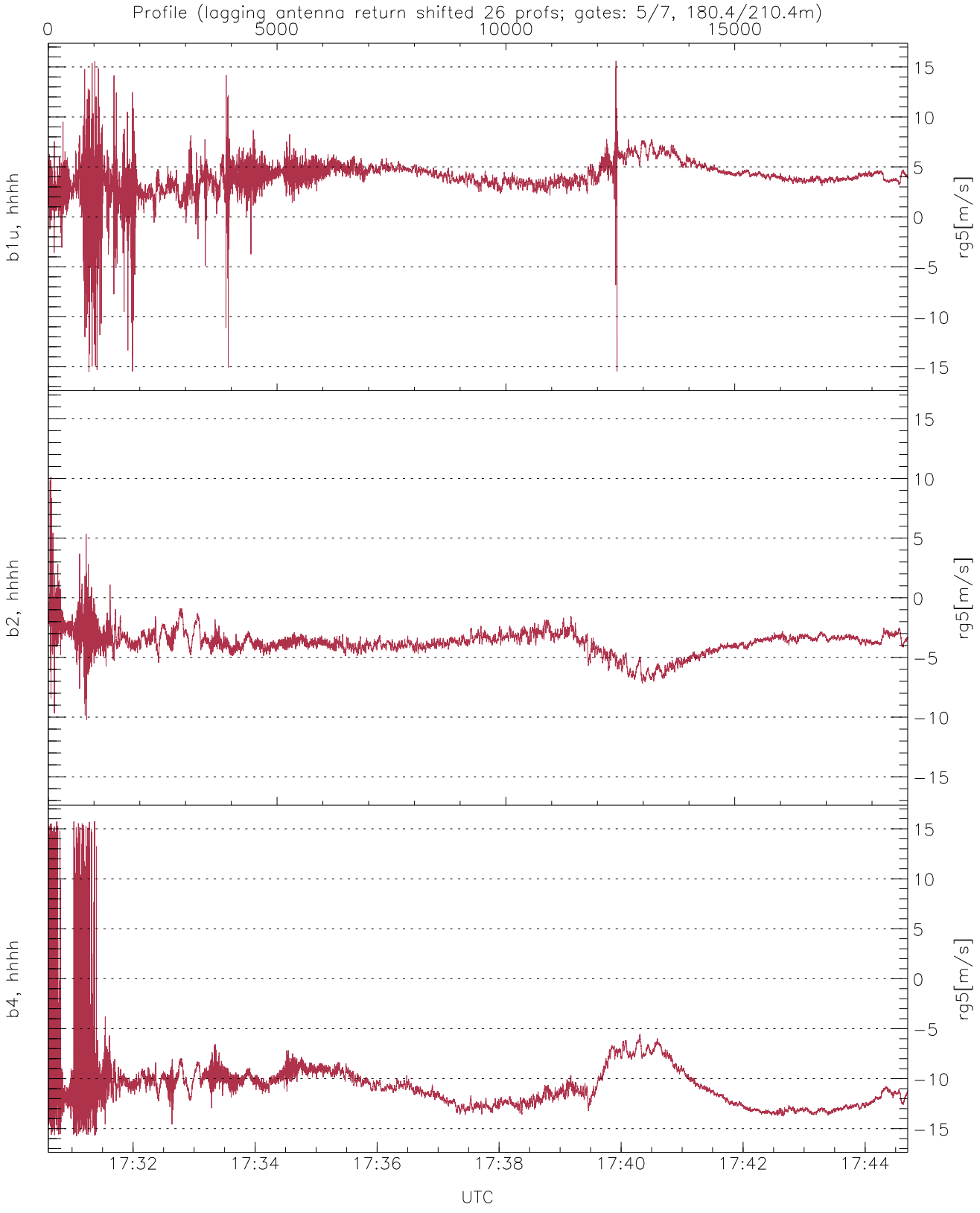
	Min	Max	Mean
up(hh[dBm])	-66.01	-16.37	-30.08
down(hh[dBm])	-65.36	-14.77	-26.47
down-fore(hh[dBm])	-65.47	-18.54	-30.66





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

	Min	Max	Mean
up/down(dB)	-39.44	8.97	-6.70
down/down-fore(dB)	-8.98	17.68	4.38



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.52	15.60	4.04	1.59
b2, hhhh(rg5[m/s])	-10.24	10.14	-3.74	1.03
b4, hhhh(rg5[m/s])	-15.75	15.76	-10.70	2.55