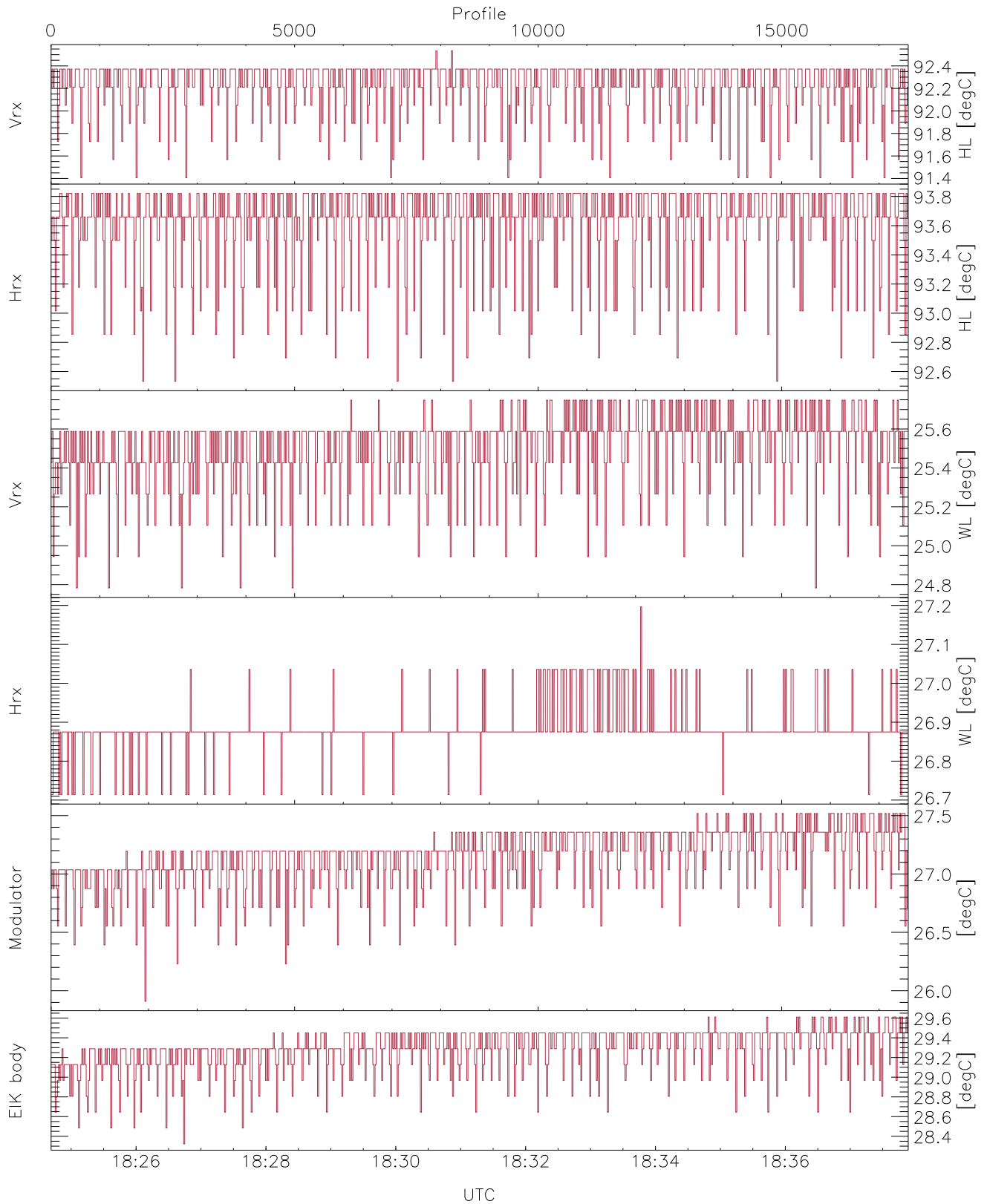


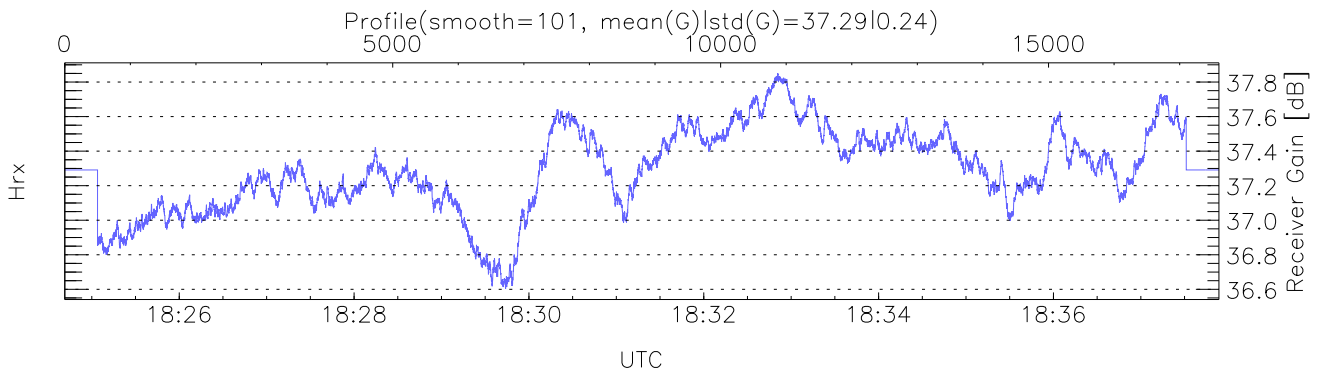
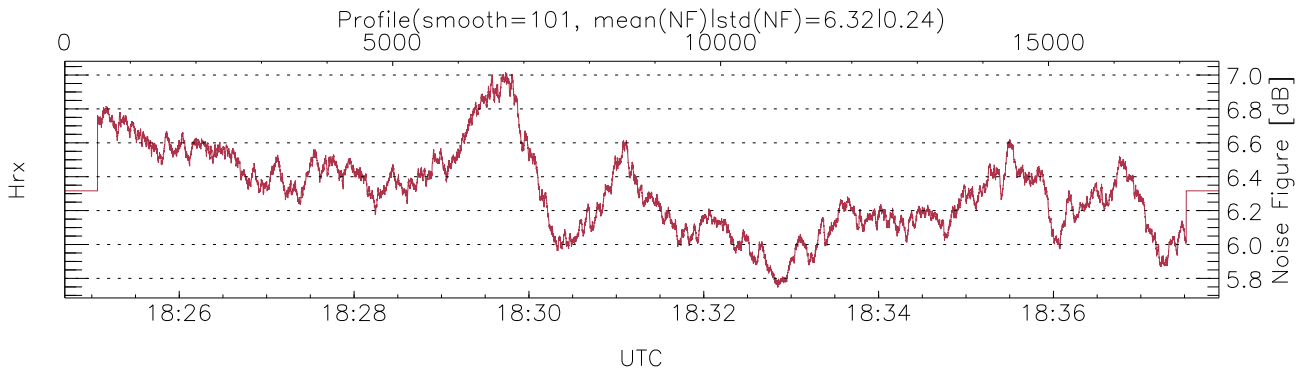
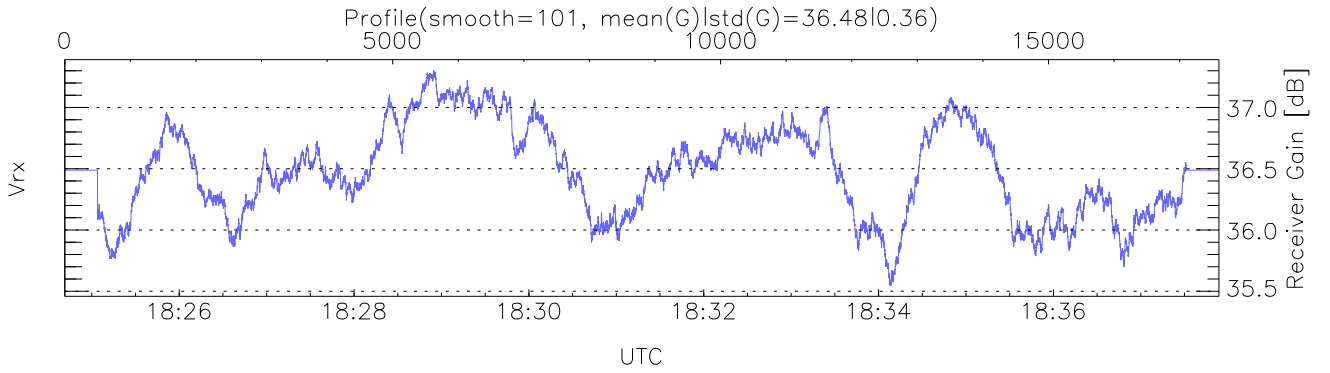
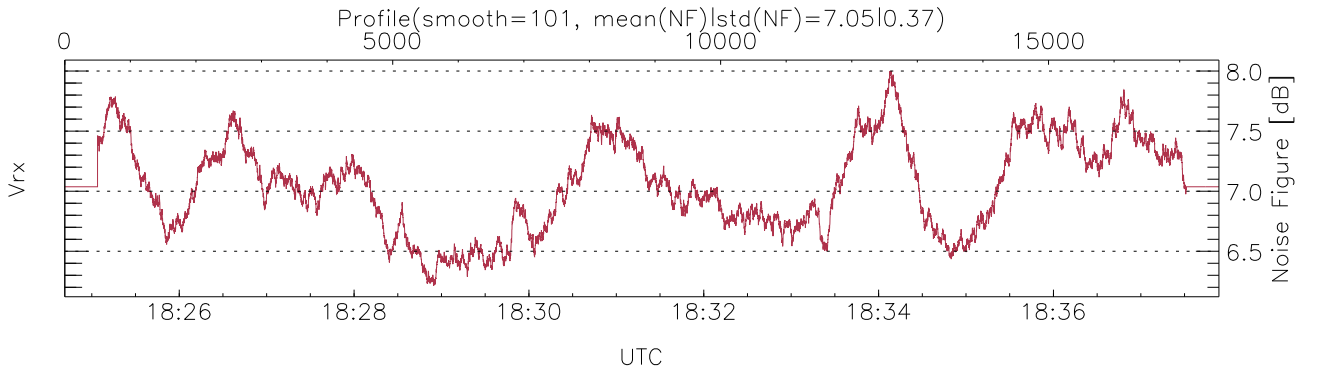
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:24:41-18:37:54, TimeCor: 0.00s, Dur: 792.15s
 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): 17600/17600, 0-17599/18:24:41-18:37:54
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



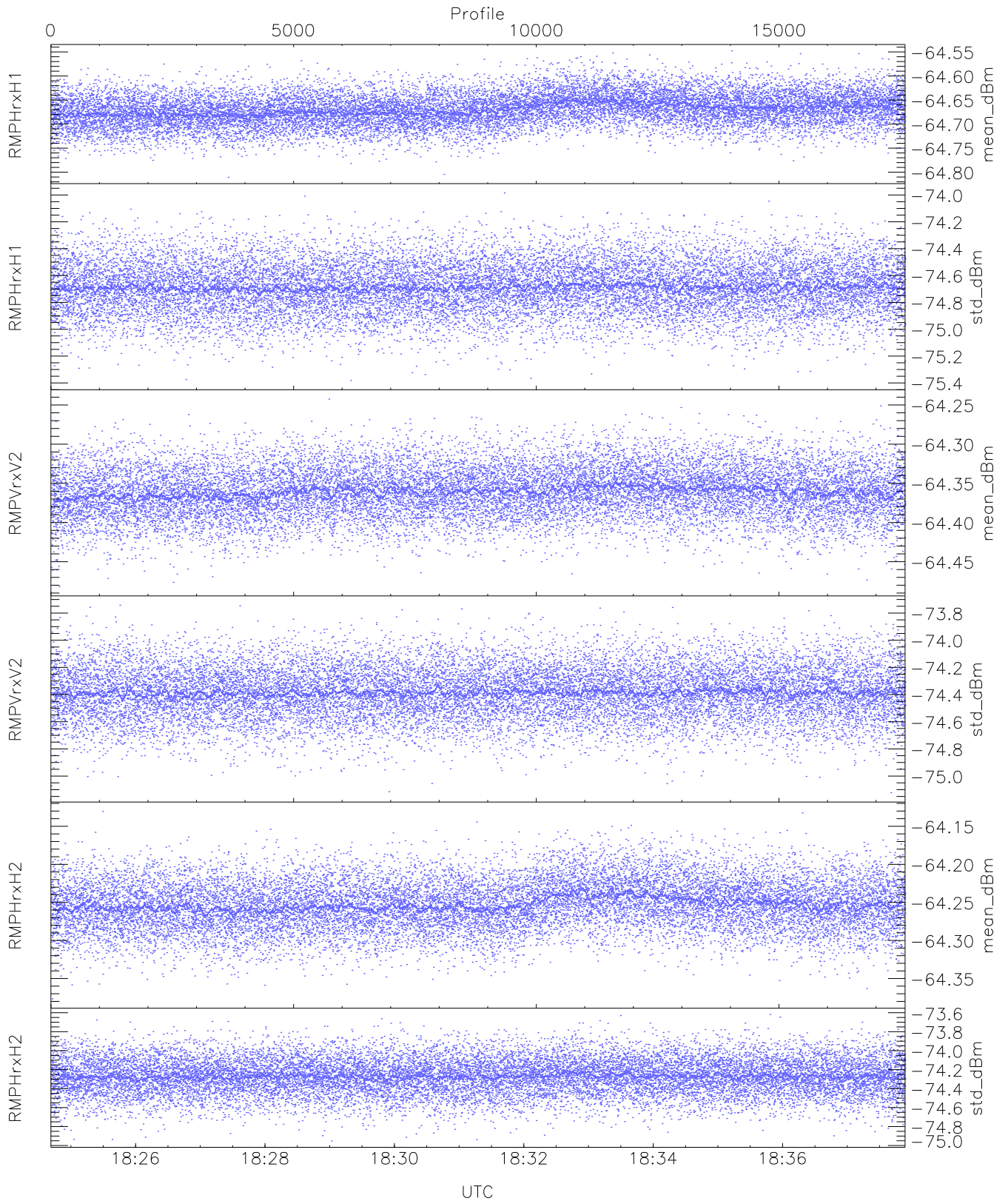
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,25,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,27,29
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,44,44,22,22)



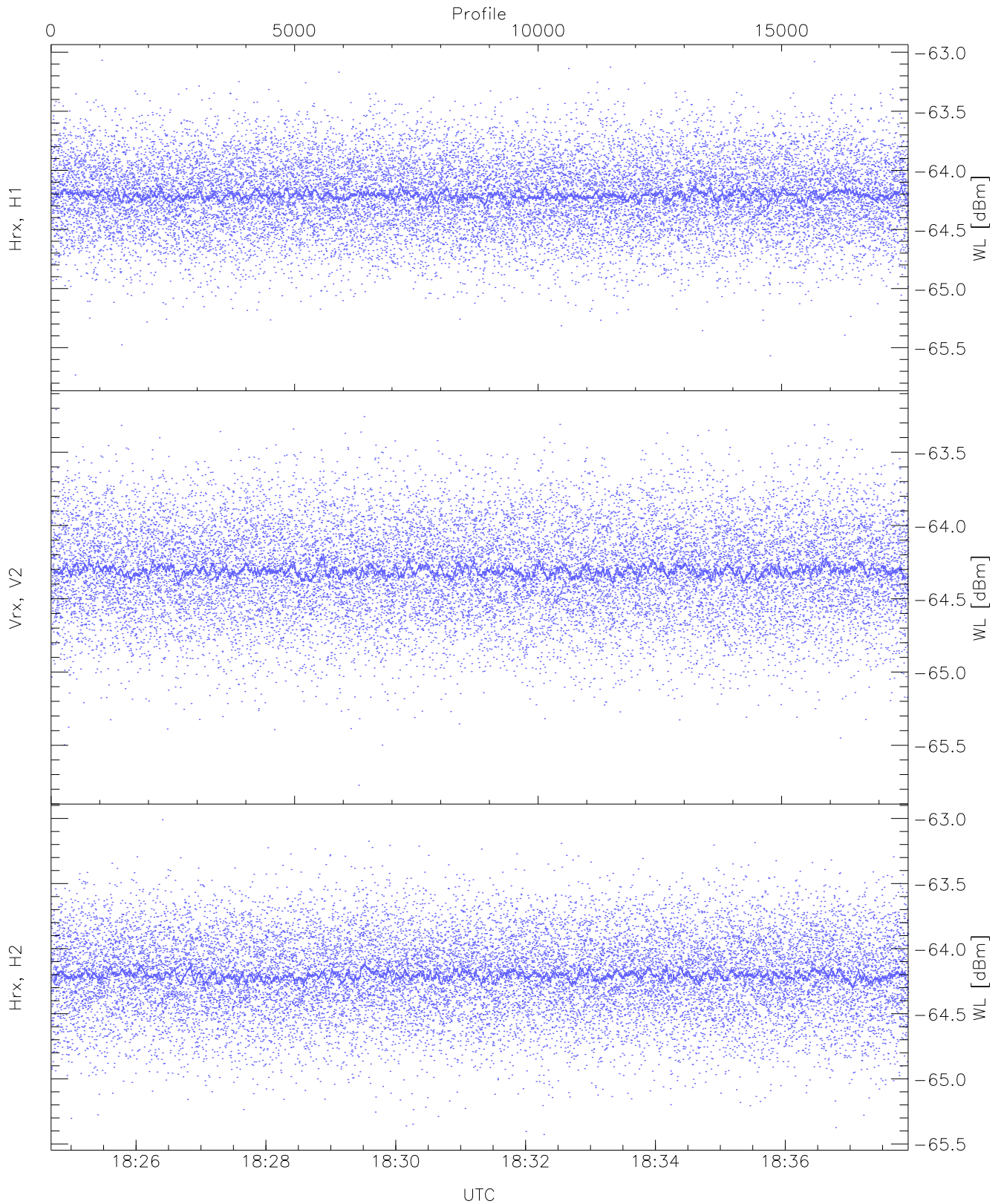
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



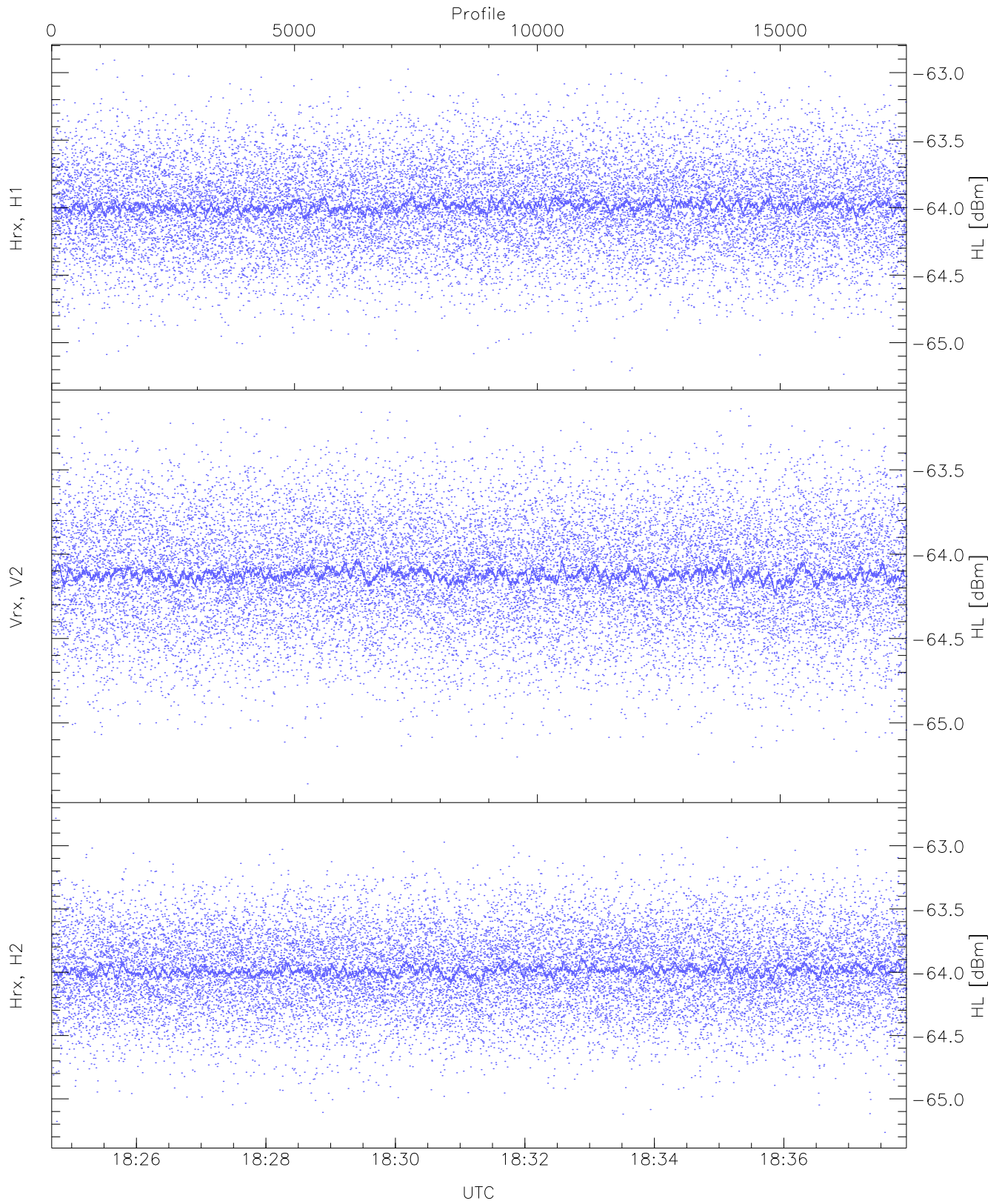
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.81	-64.55	-64.67	-64.67	-85.99
RMPHrxH1(std_dBm)	-75.38	-73.99	-74.69	-74.69	-88.45
RMPVrxV2(mean_dBm)	-64.48	-64.24	-64.36	-64.36	-85.90
RMPVrxV2(std_dBm)	-75.12	-73.74	-74.38	-74.39	-88.17
RMPHrxH2(mean_dBm)	-64.38	-64.13	-64.25	-64.25	-85.74
RMPHrxH2(std_dBm)	-74.95	-73.62	-74.27	-74.27	-88.10



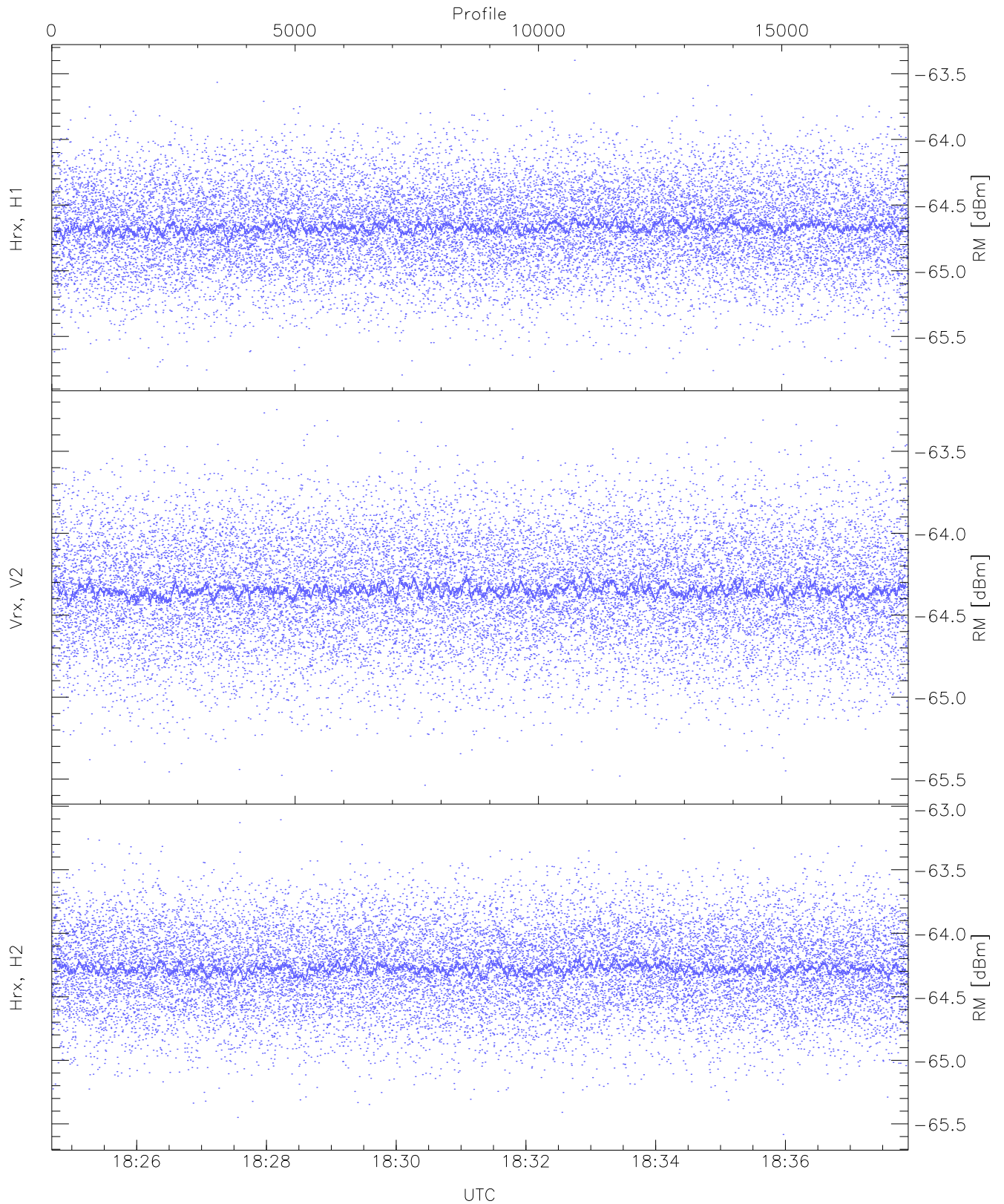
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.73	-63.07	-64.20	-64.21	-75.75
Vrx, V2 (WL [dBm])	-65.77	-63.21	-64.30	-64.31	-75.83
Hrx, H2 (WL [dBm])	-65.43	-63.01	-64.20	-64.20	-75.74



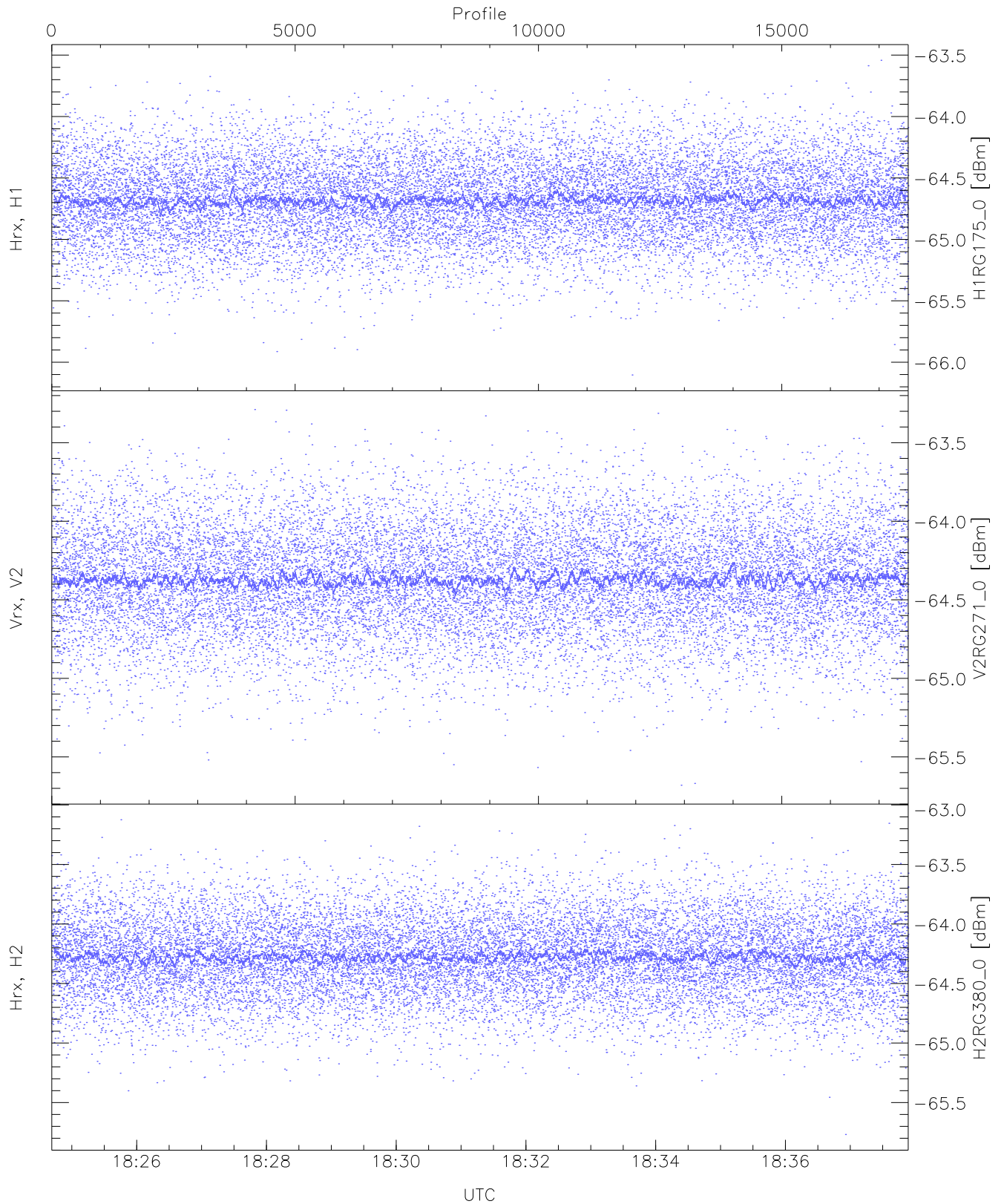
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.23	-62.91	-63.98	-63.99	-75.48
Vrx, V2 (HL [dBm])	-65.36	-63.14	-64.11	-64.12	-75.61
Hrx, H2 (HL [dBm])	-65.27	-62.78	-63.98	-63.99	-75.51



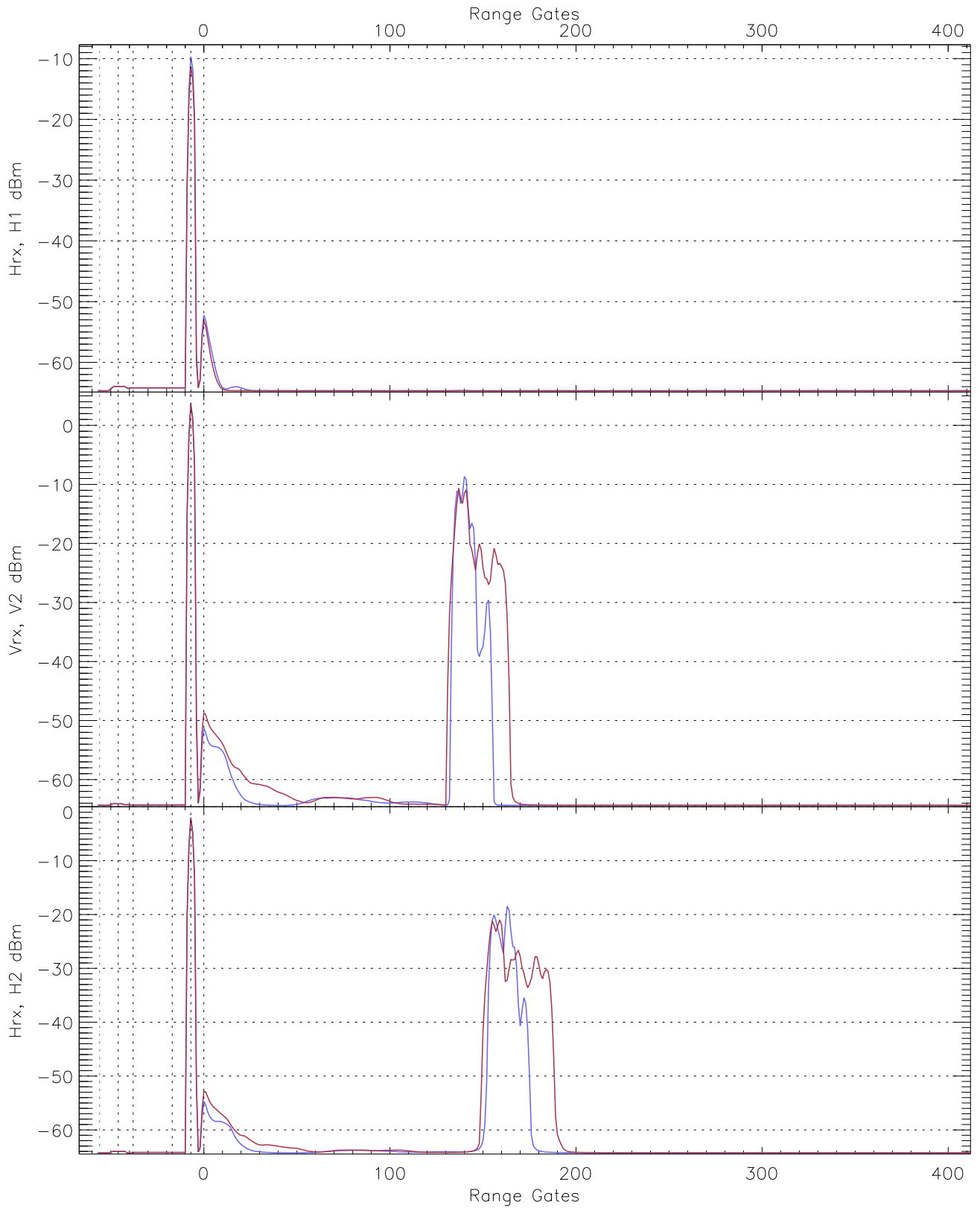
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.79	-63.40	-64.66	-64.67	-76.22
Vrx, V2 (RM [dBm])	-65.54	-63.25	-64.34	-64.35	-75.88
Hrx, H2 (RM [dBm])	-65.58	-63.11	-64.27	-64.28	-75.78

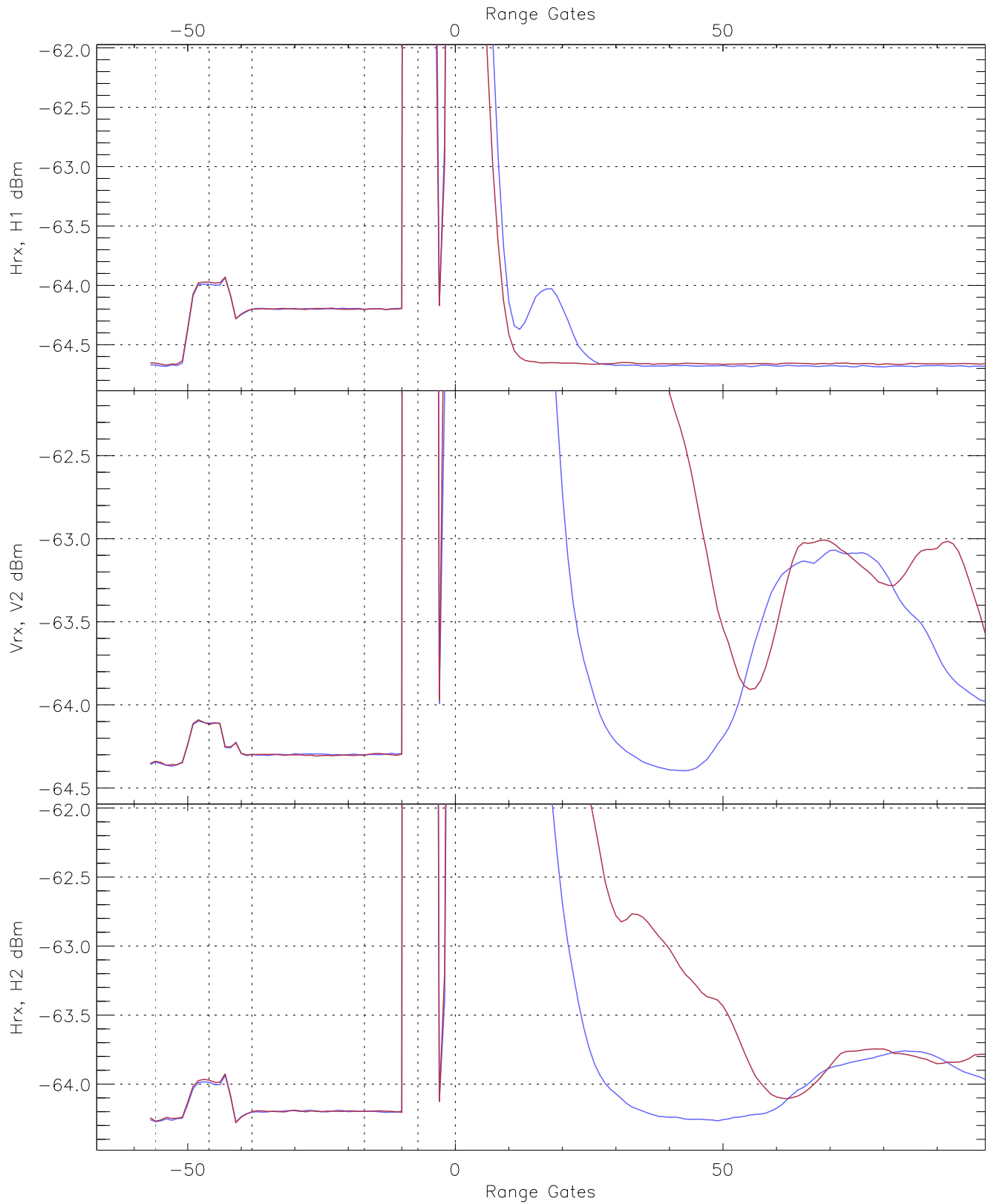


WCR3 CPP "Best" estimate Receivers Noise Power

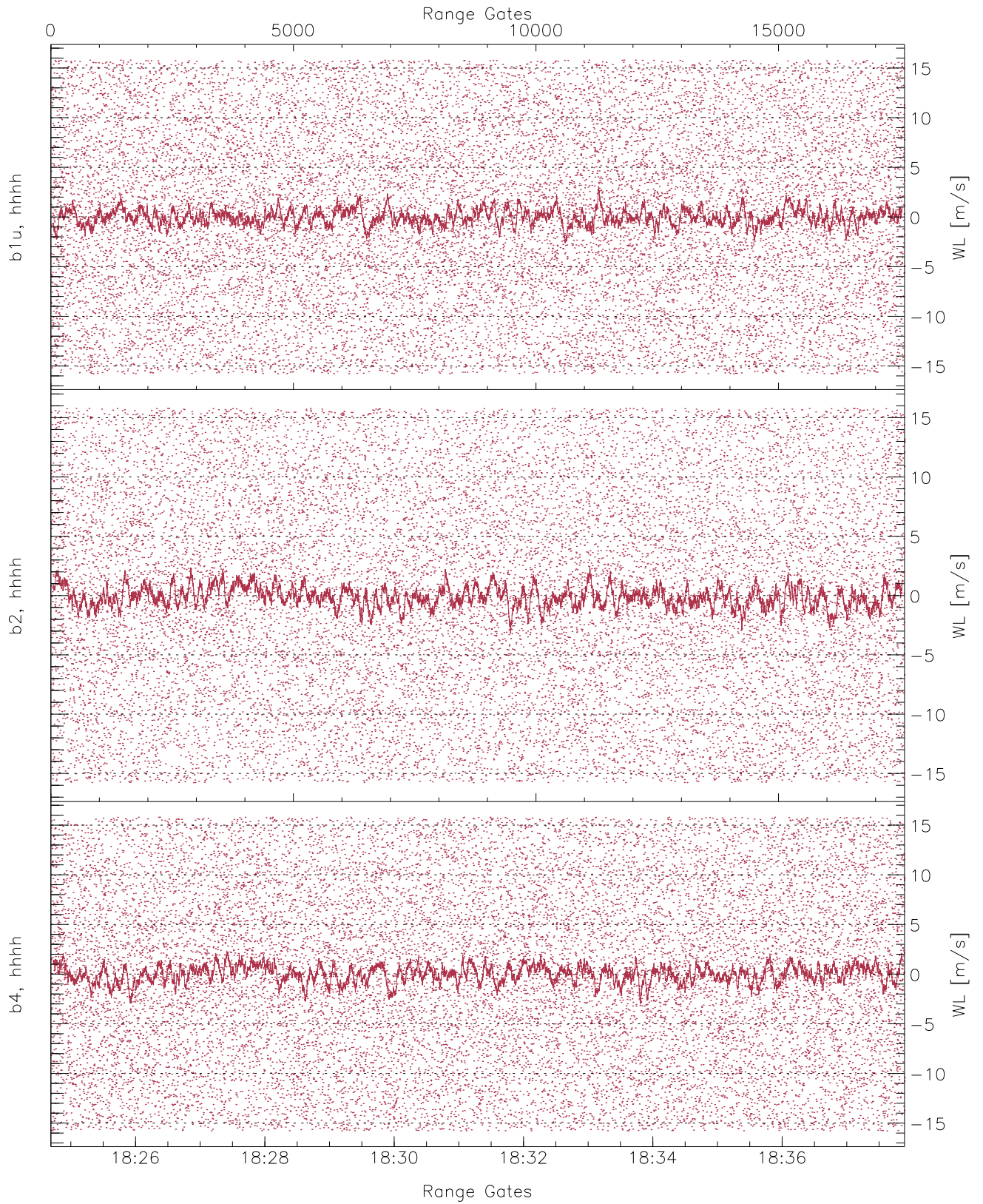
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-66.10	-63.54	-64.68	-64.69	-76.18
V2RG271_0 [dBm]	-65.68	-63.29	-64.37	-64.38	-75.85
H2RG380_0 [dBm]	-65.77	-63.12	-64.27	-64.28	-75.76



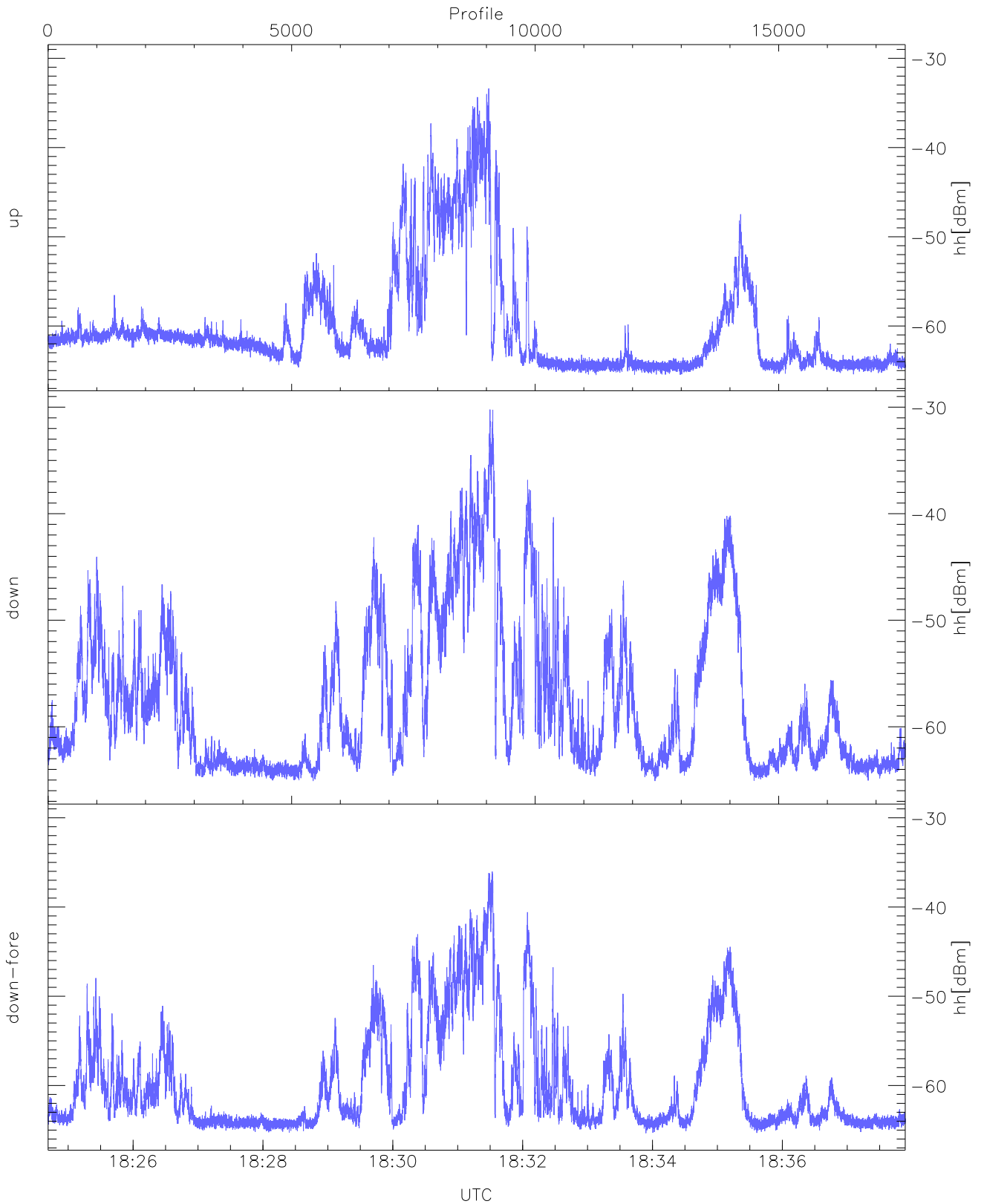
WCR3 CPP Averaged Received power for all recorded gates
blue: 182441-183118, 8801 profiles averaged
red: 183118-183754, 8800 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 182441-183118, 8801 profiles averaged
red: 183118-183754, 8800 profiles averaged

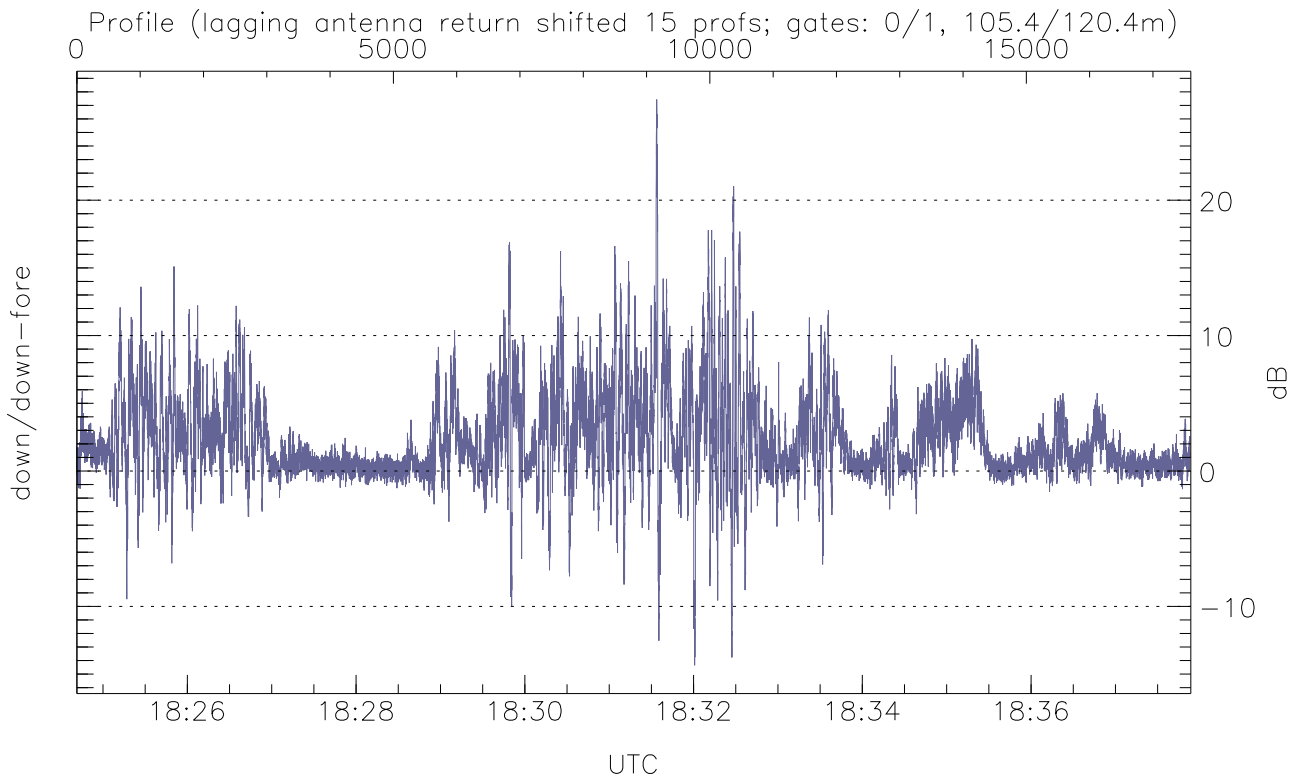
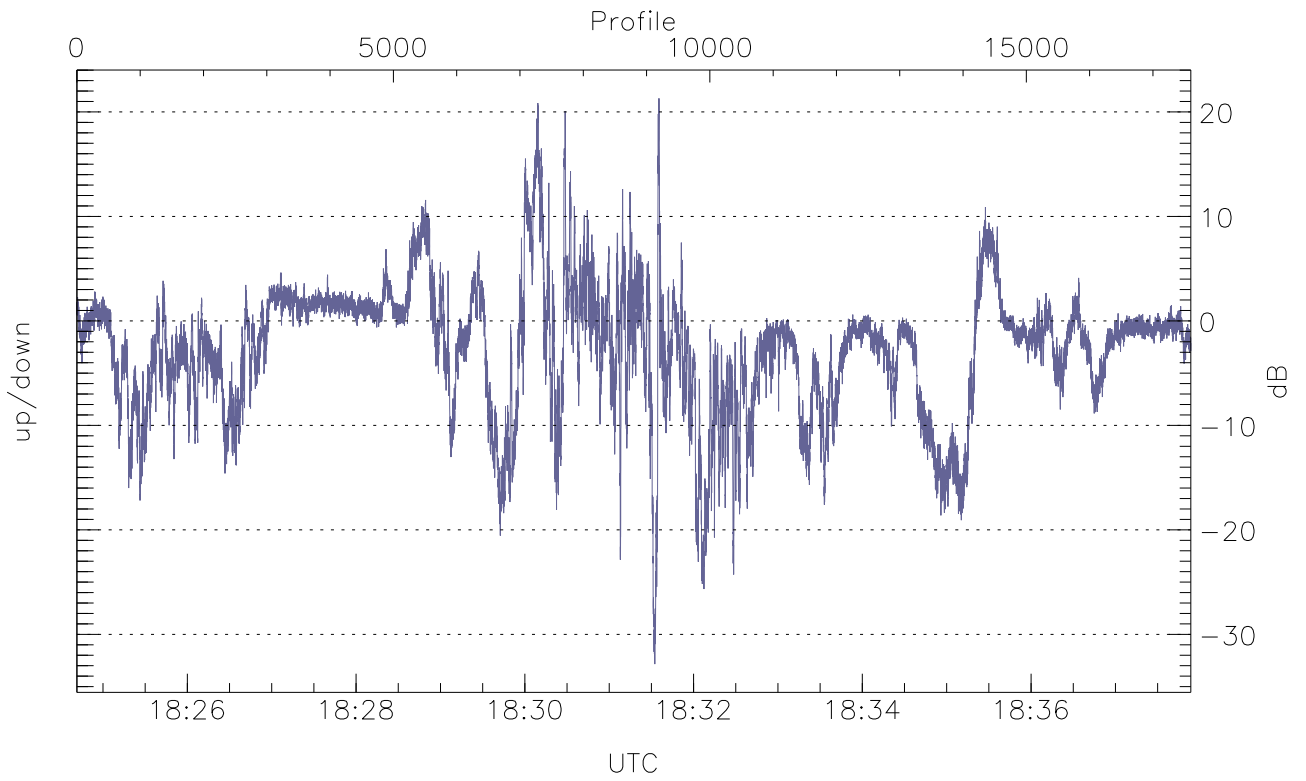


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



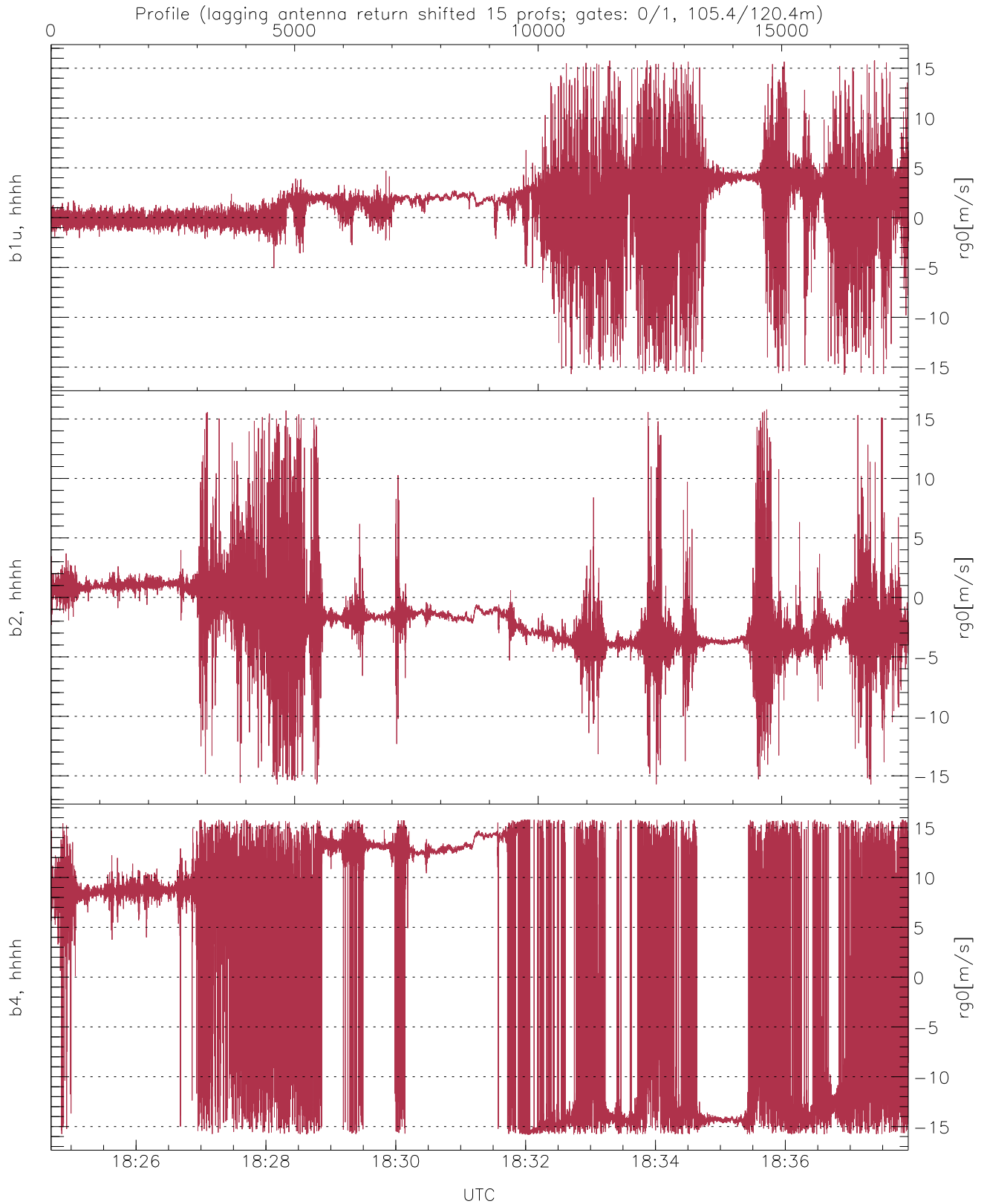
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.49	-33.38	-52.68
down(hh[dBm])	-65.09	-30.22	-49.79
down-fore(hh[dBm])	-65.34	-36.02	-53.72



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-32.84	21.30	-2.74
down/down-fore (dB)	-14.35	27.43	2.27



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.77	15.79	1.09	3.22
b2, hhhh(rg0[m/s])	-15.73	15.79	-1.65	3.00
b4, hhhh(rg0[m/s])	-15.79	15.79	1.25	11.84