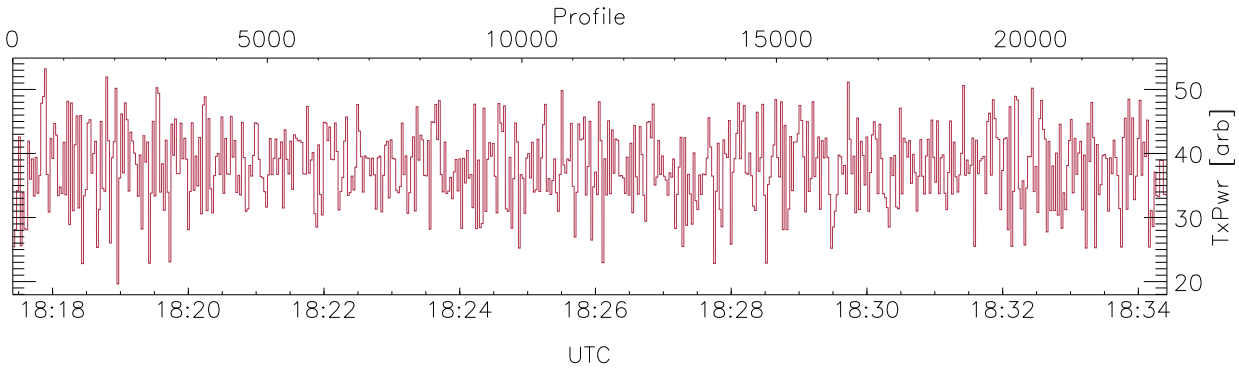
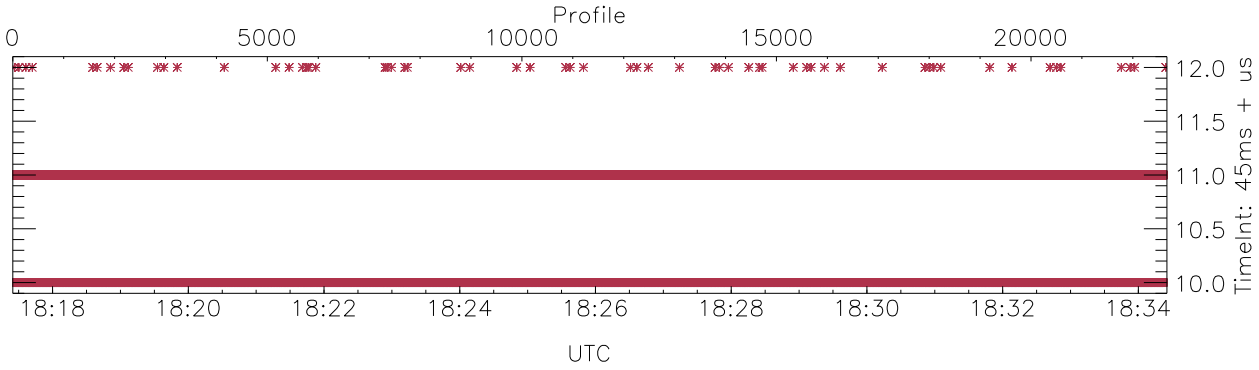
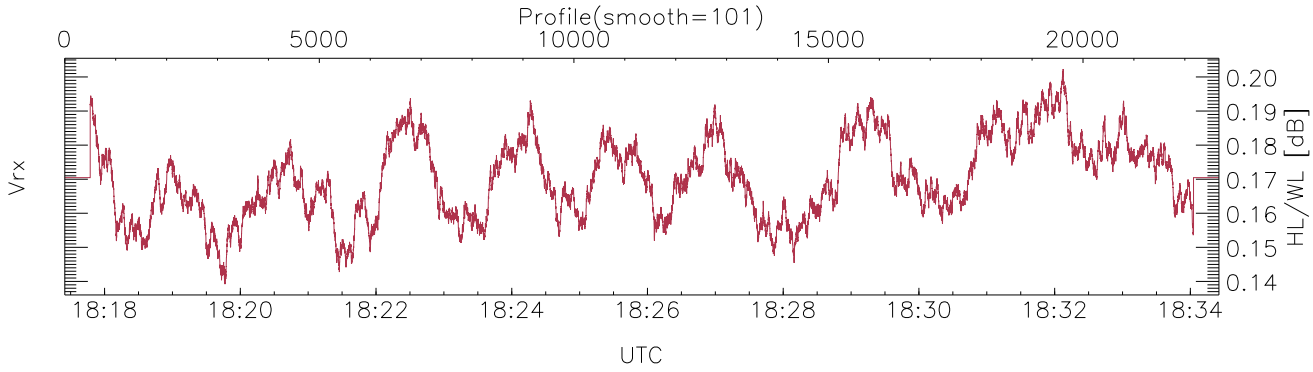
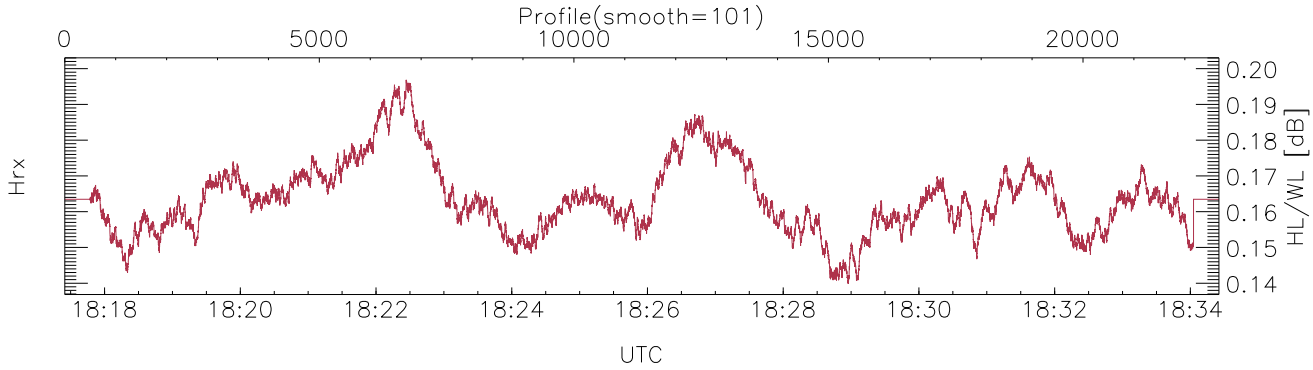


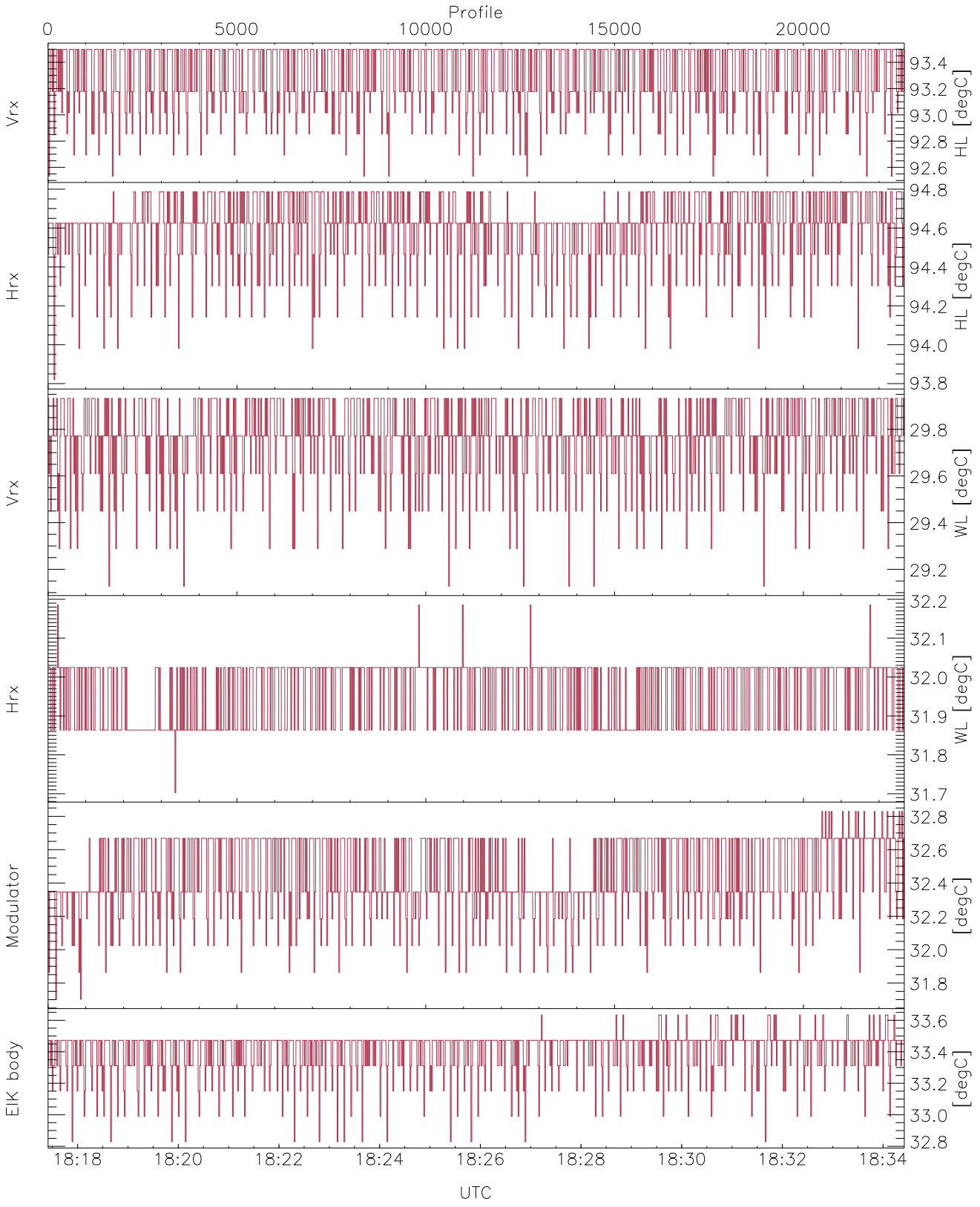






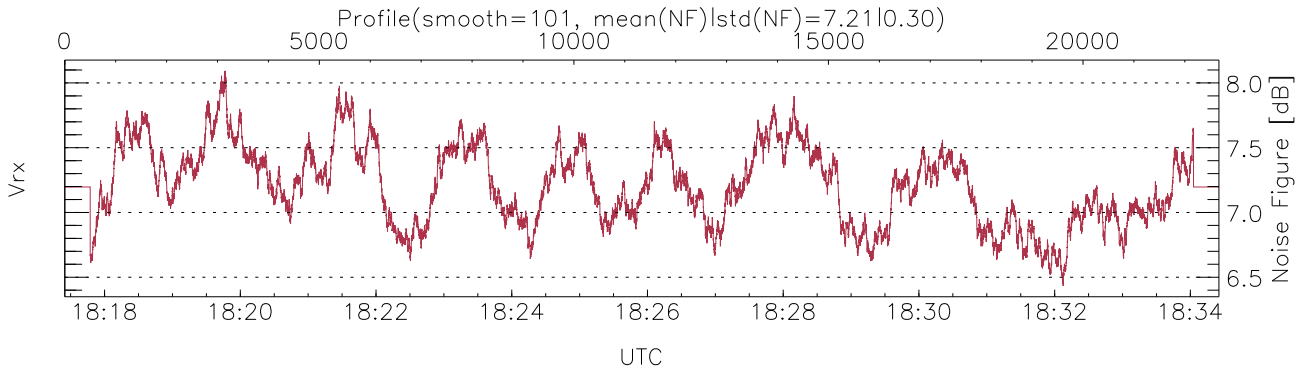
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

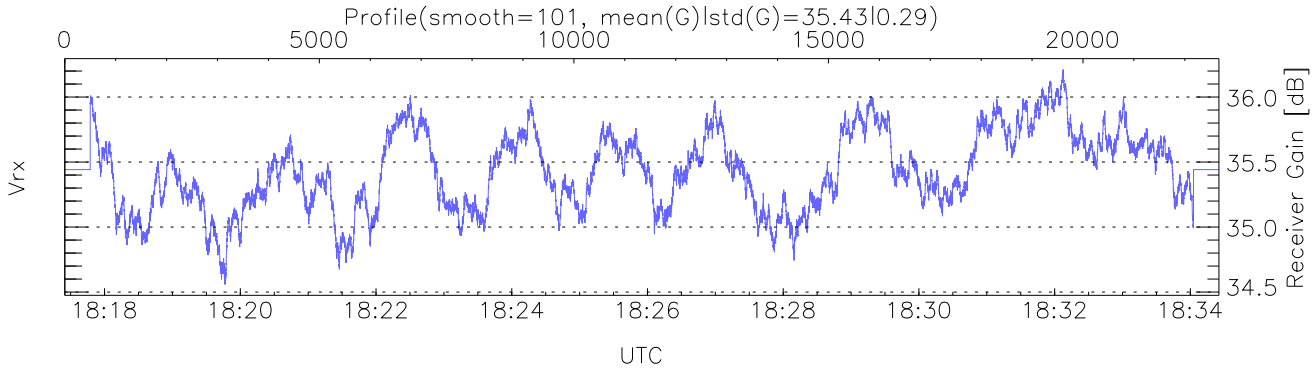
UTC: 18:17:25-18:34:25, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/18:17:25-18:34:25
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

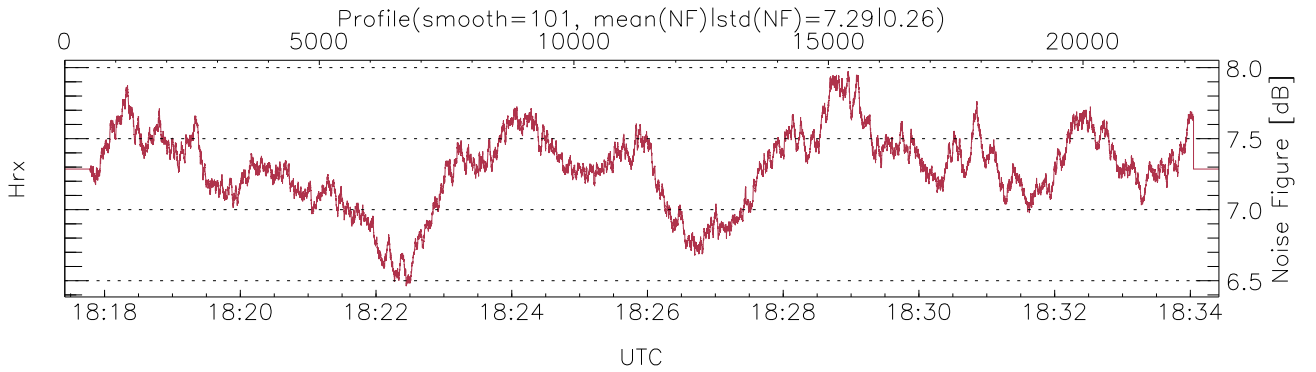


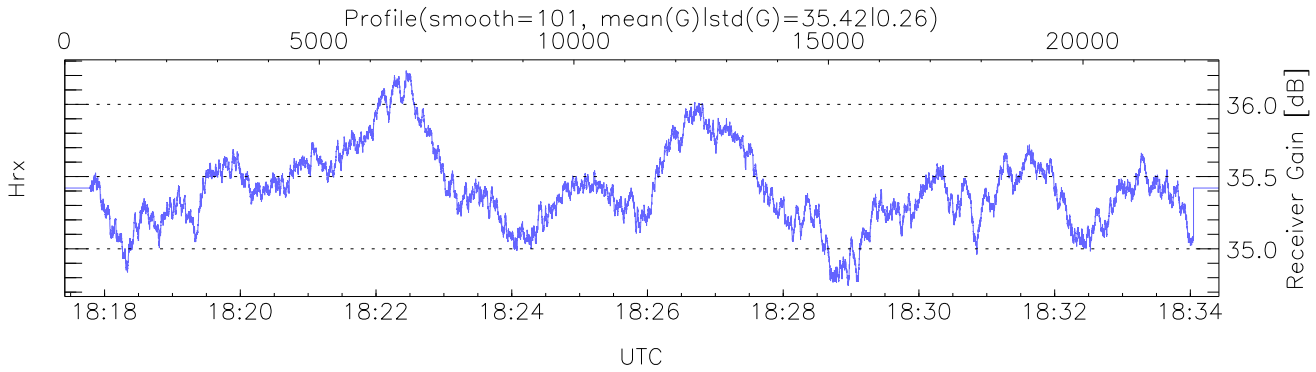
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,29,31,31,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,32,32,33
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



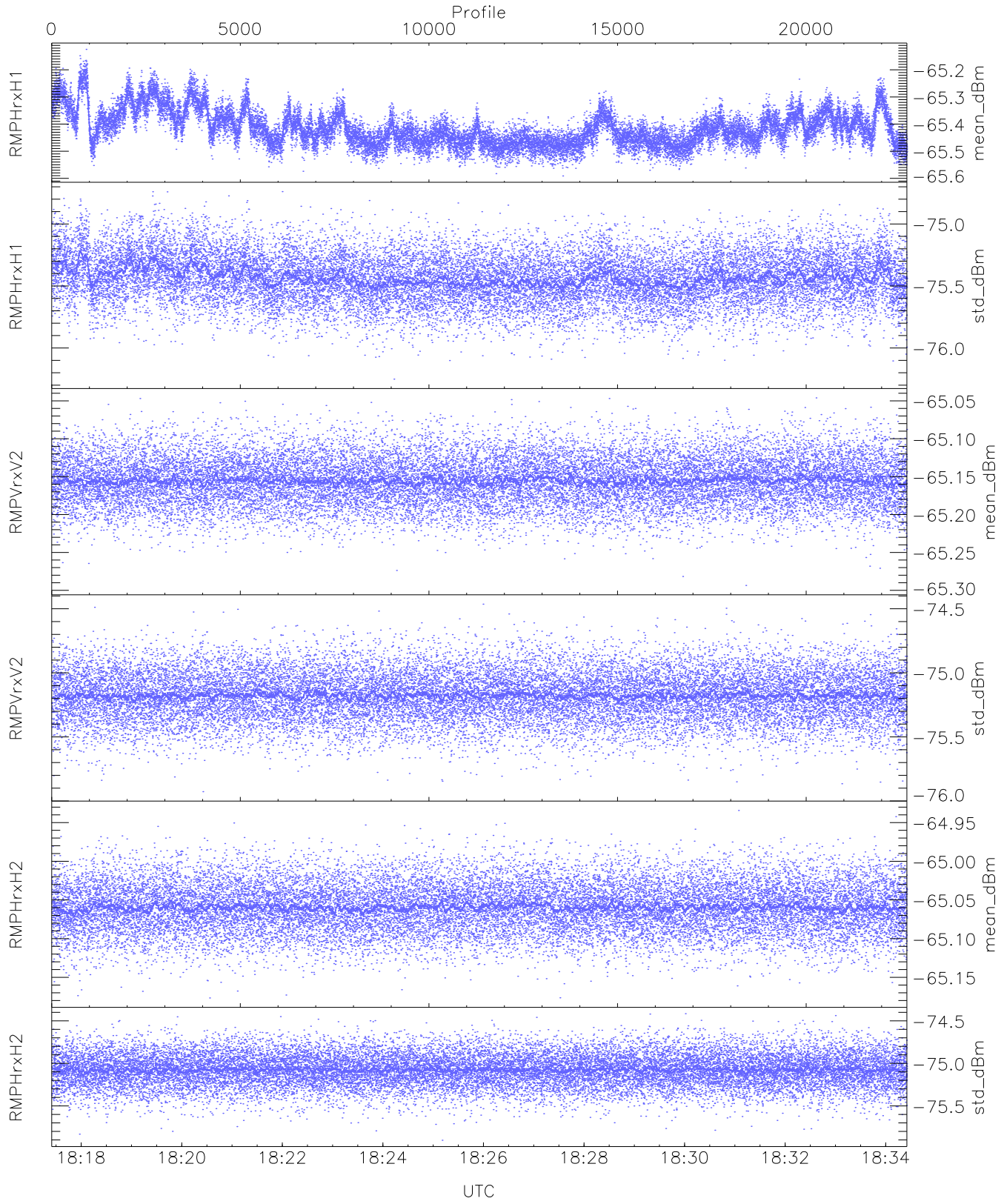






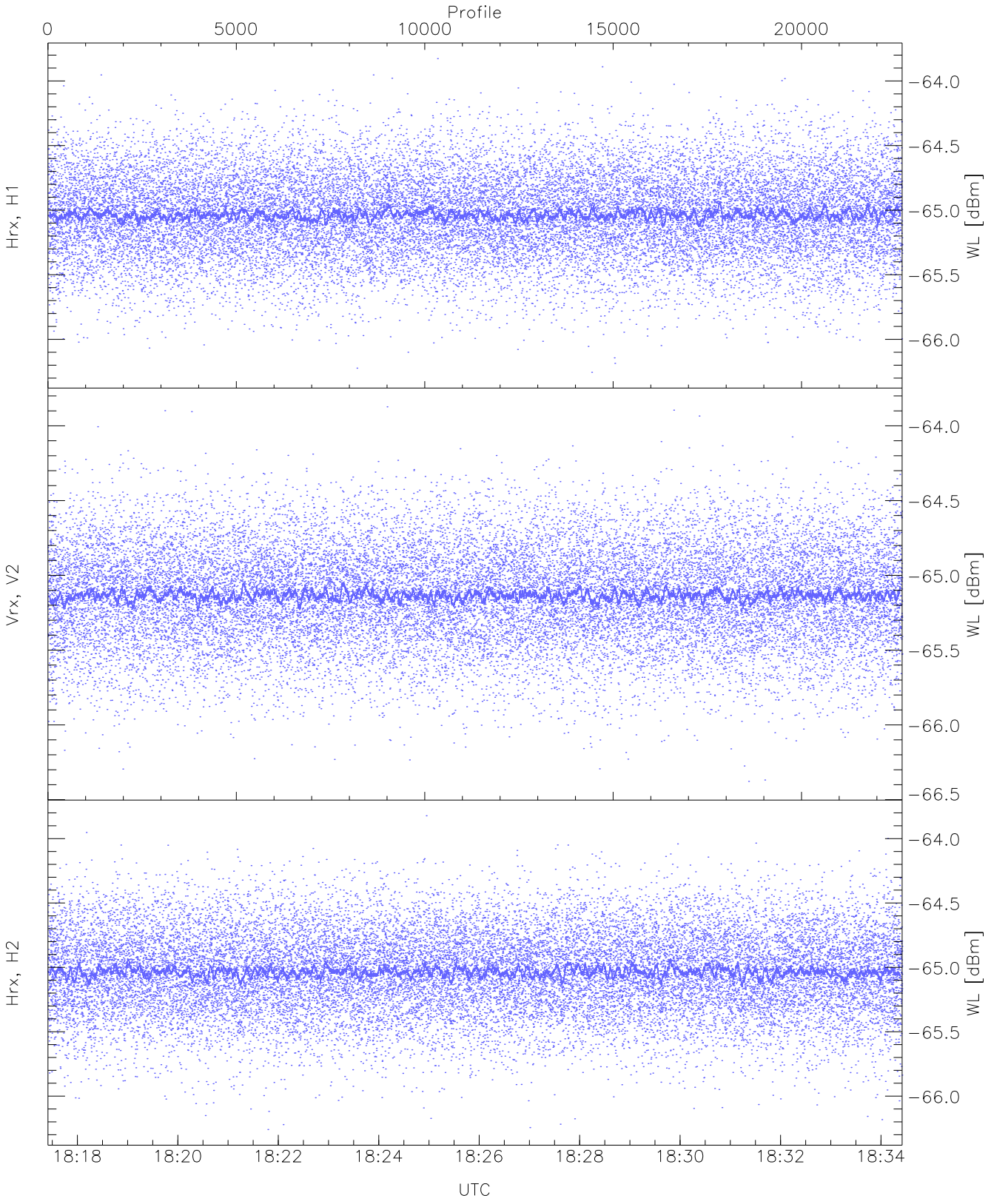
WCR3 CPP Receivers Gain and Noise Figure

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



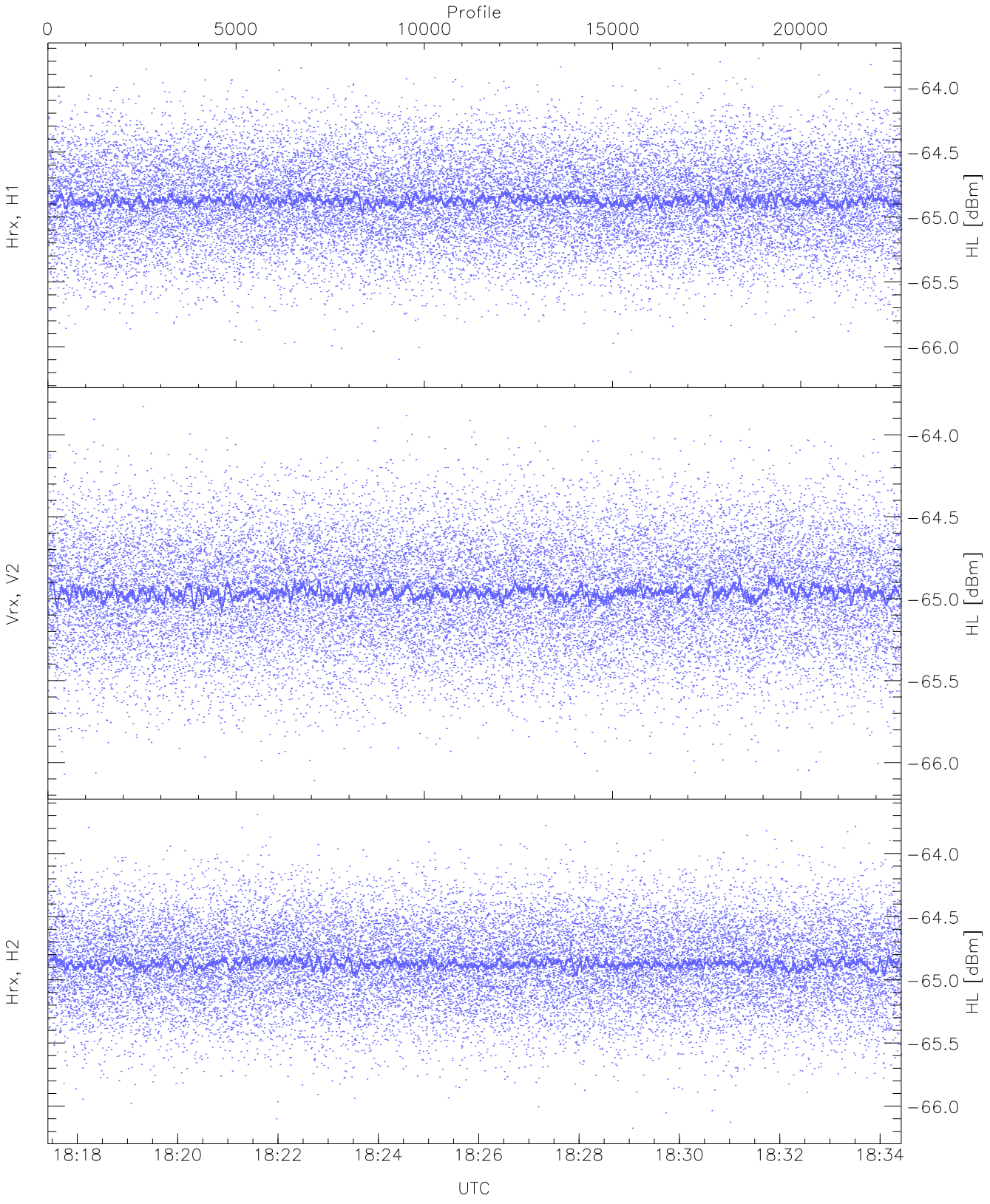
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.59	-65.12	-65.41	-65.42	-83.59
RMPHrxH1(std_dBm)	-76.25	-74.74	-75.43	-75.44	-89.04
RMPVrxV2(mean_dBm)	-65.29	-65.05	-65.16	-65.16	-86.78
RMPVrxV2(std_dBm)	-75.93	-74.46	-75.18	-75.18	-88.97
RMPHrxH2(mean_dBm)	-65.18	-64.93	-65.06	-65.06	-86.67
RMPHrxH2(std_dBm)	-75.90	-74.42	-75.08	-75.08	-88.86



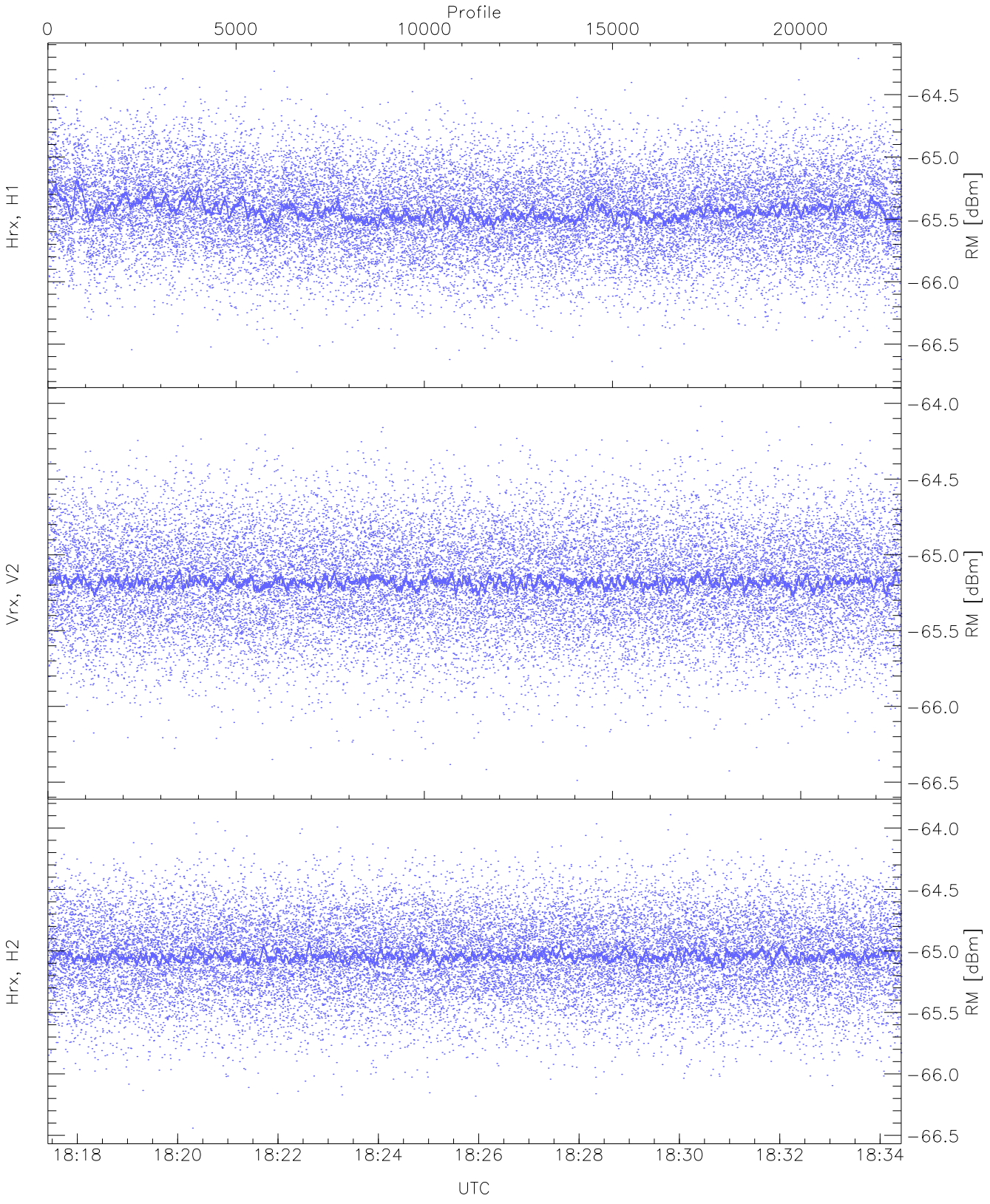
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.26	-63.83	-65.03	-65.04	-76.54
Vrx, V2(WL [dBm])	-66.38	-63.87	-65.13	-65.13	-76.60
Hrx, H2(WL [dBm])	-66.26	-63.82	-65.03	-65.04	-76.55



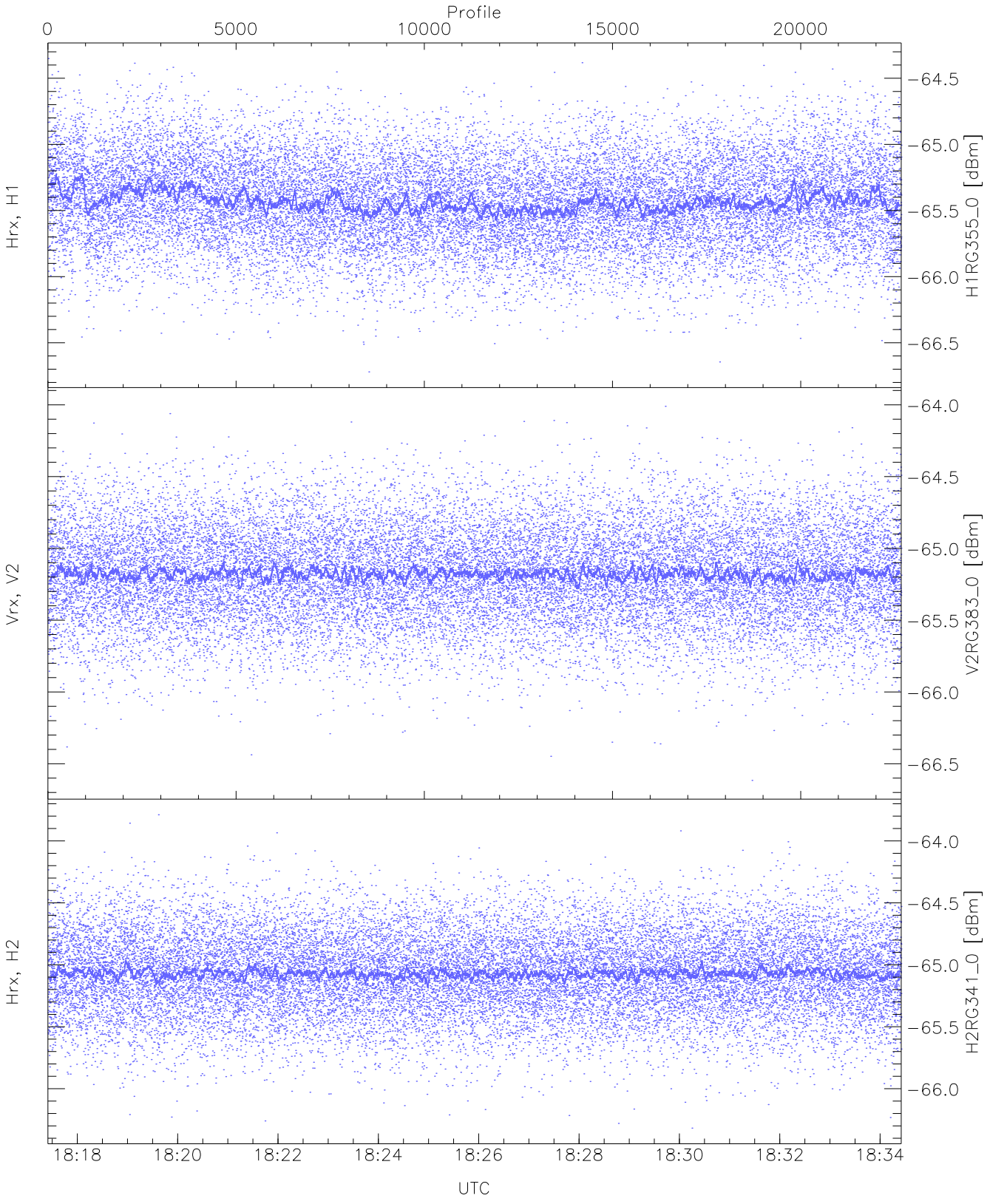
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.19	-63.78	-64.86	-64.87	-76.38
Vrx, V2(HL [dBm])	-66.11	-63.83	-64.96	-64.96	-76.47
Hrx, H2(HL [dBm])	-66.17	-63.69	-64.87	-64.87	-76.36



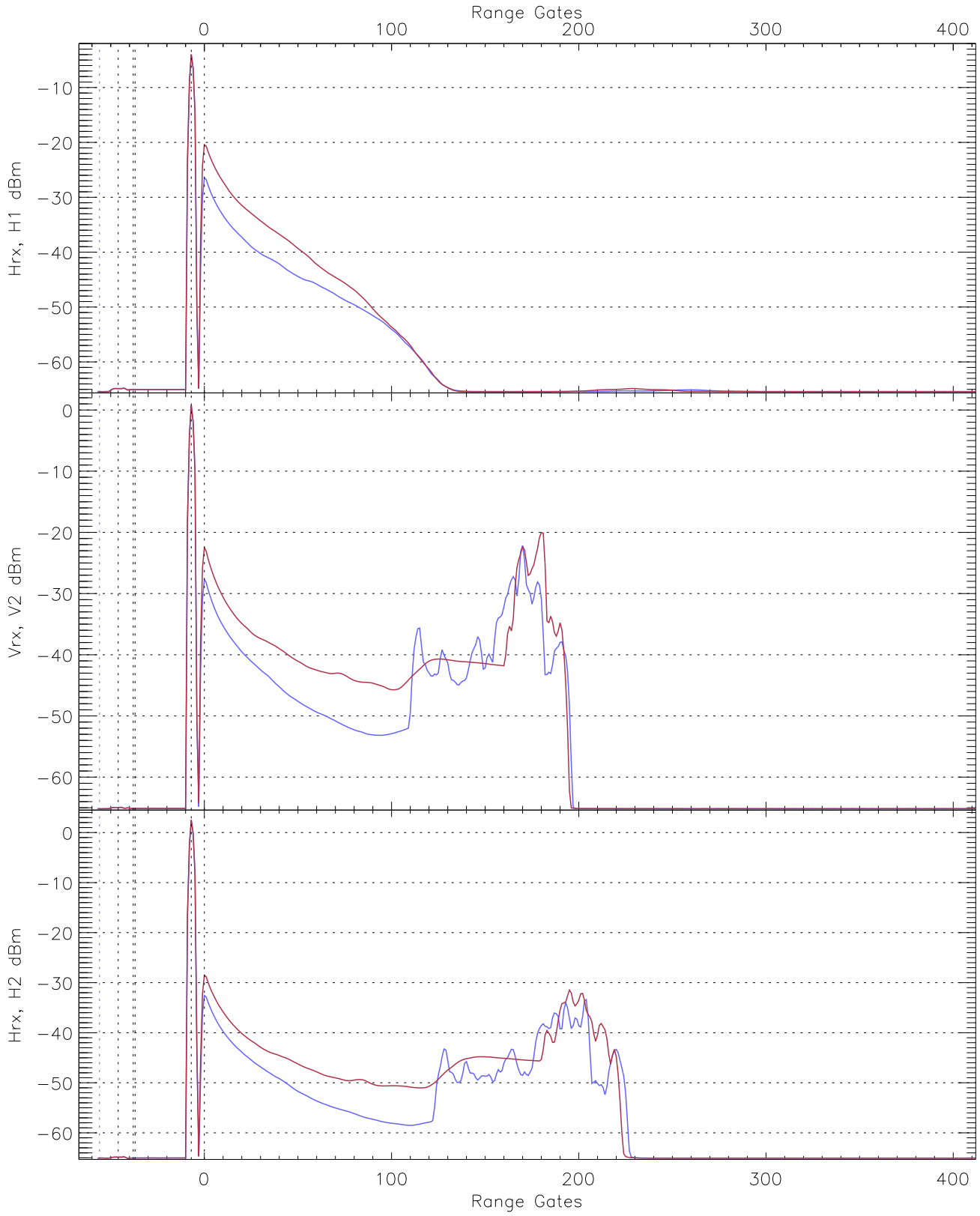
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.72	-64.21	-65.43	-65.44	-76.86
Vrx, V2(RM [dBm])	-66.49	-64.02	-65.17	-65.18	-76.70
Hrx, H2(RM [dBm])	-66.44	-63.89	-65.04	-65.04	-76.53

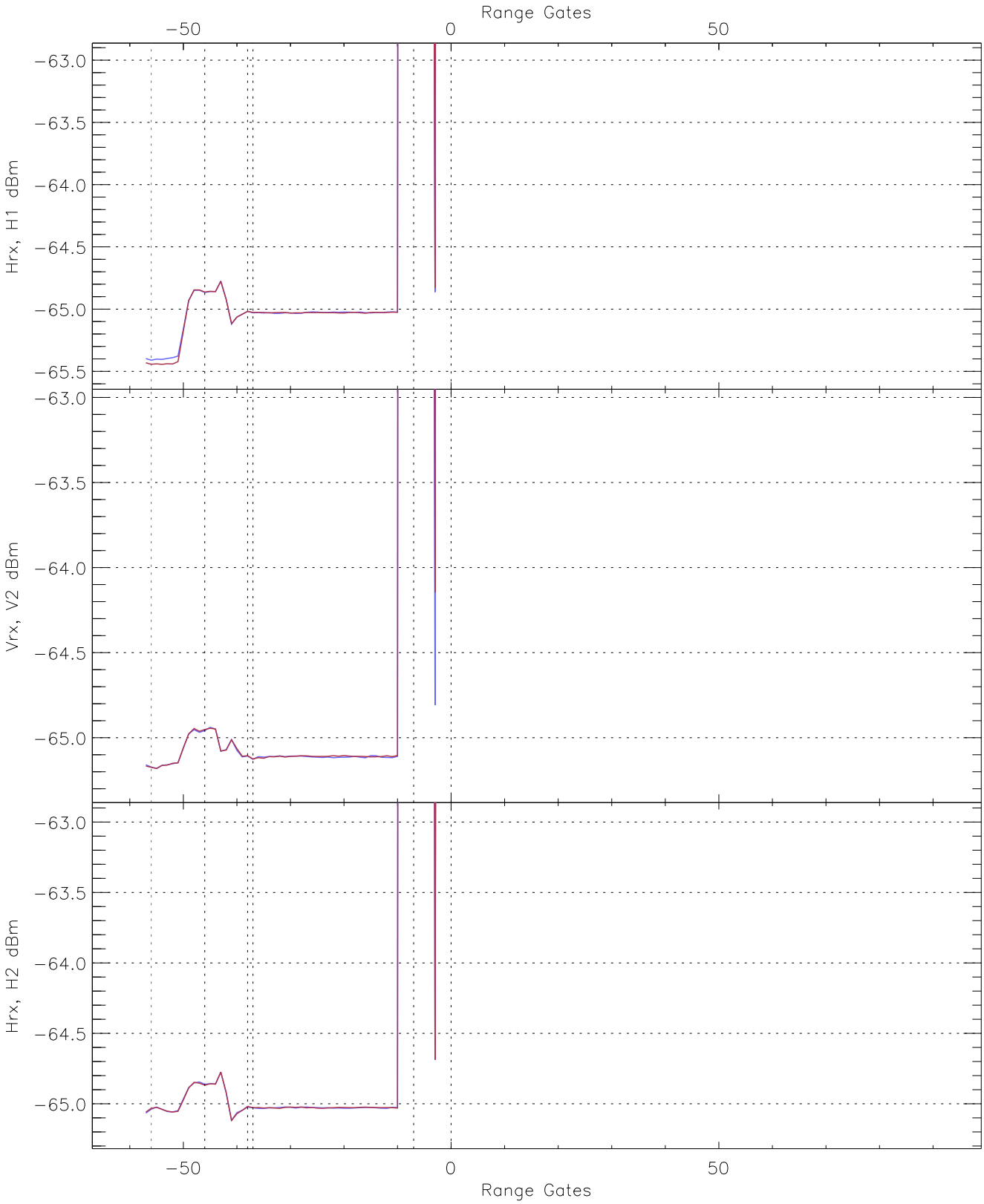


WCR3 CPP "Best" estimate Receivers Noise Power

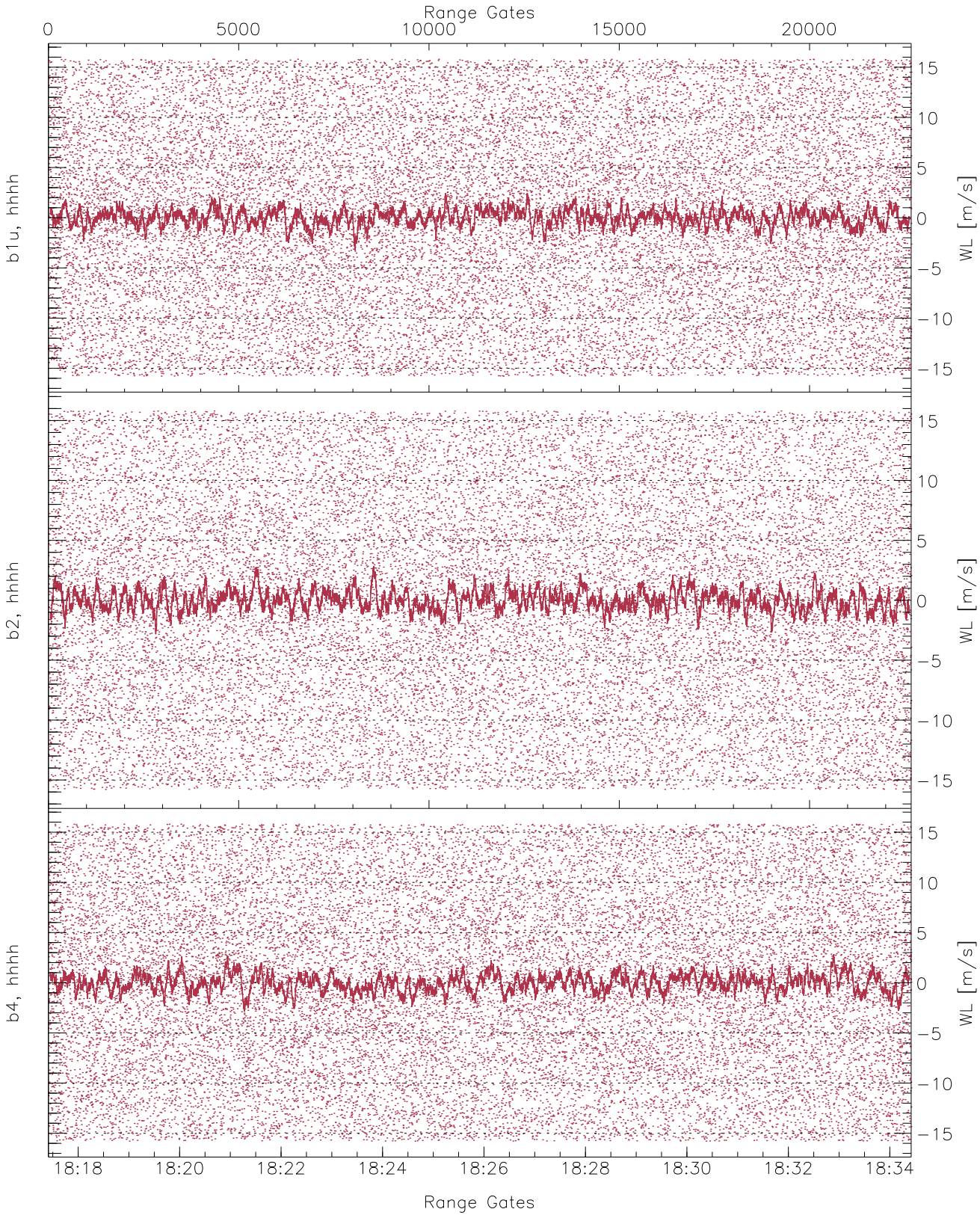
	Min	Max	Mean	Median	StDev
H1RG355_0 [dBm]	-66.72	-64.35	-65.43	-65.44	-76.89
V2RG383_0 [dBm]	-66.62	-64.01	-65.17	-65.18	-76.67
H2RG341_0 [dBm]	-66.32	-63.79	-65.06	-65.07	-76.57



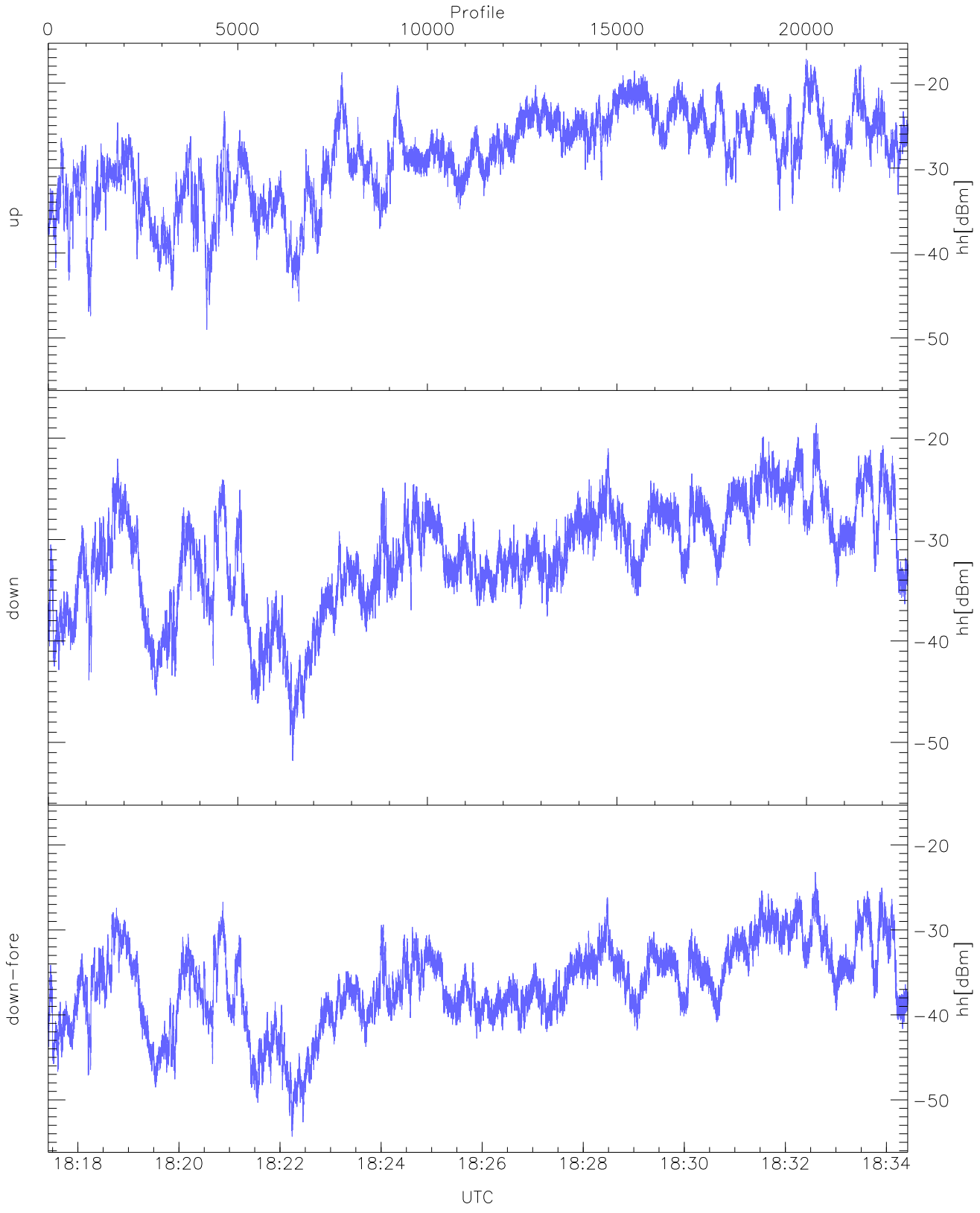
WCR3 CPP Averaged Received power for all recorded gates
blue: 181725-182555, 11337 profiles averaged
red: 182555-183425, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 181725-182555, 11337 profiles averaged
red: 182555-183425, 11336 profiles averaged

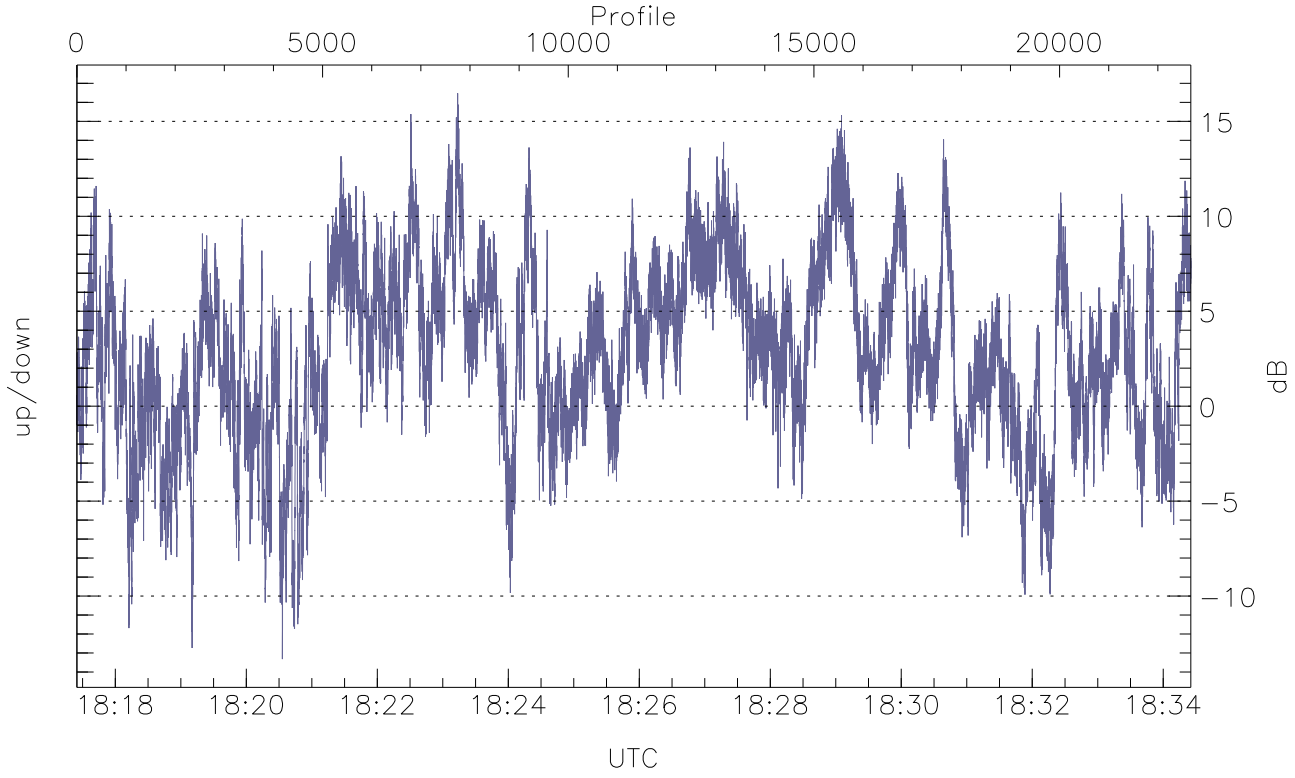


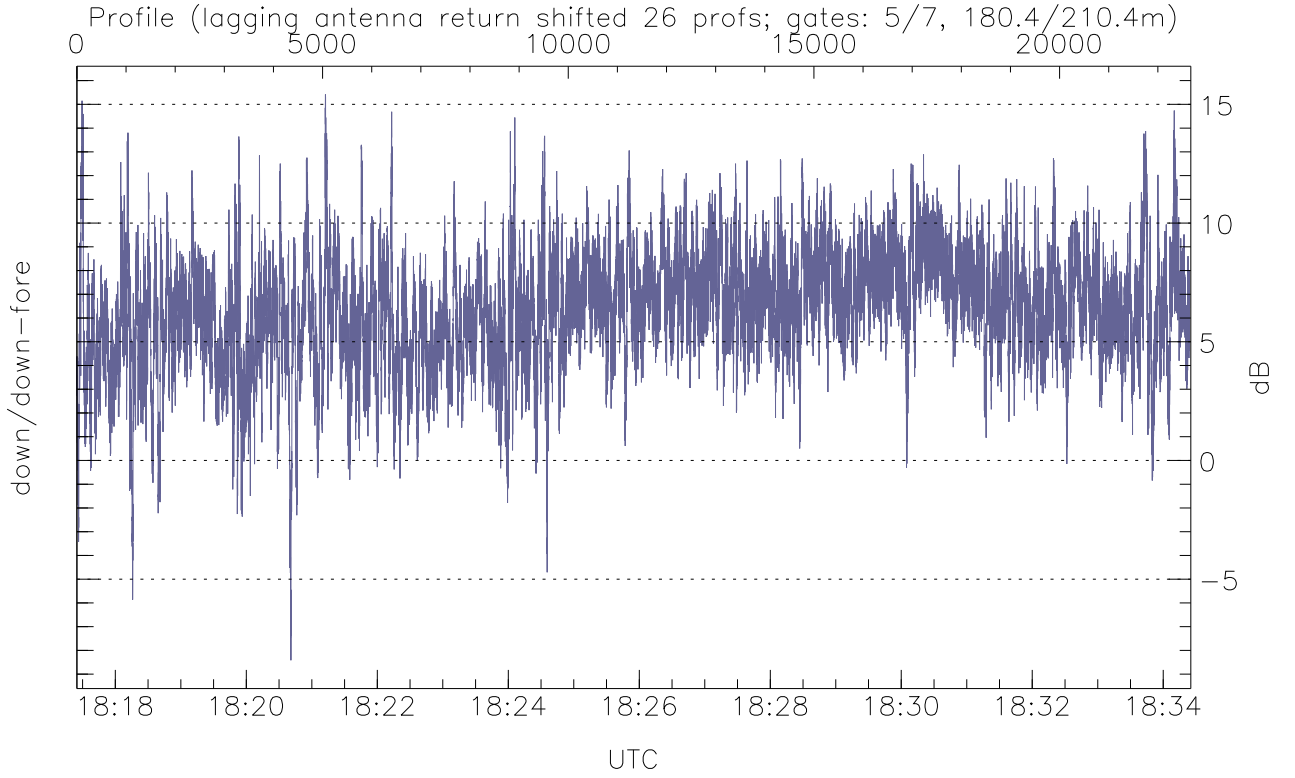
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

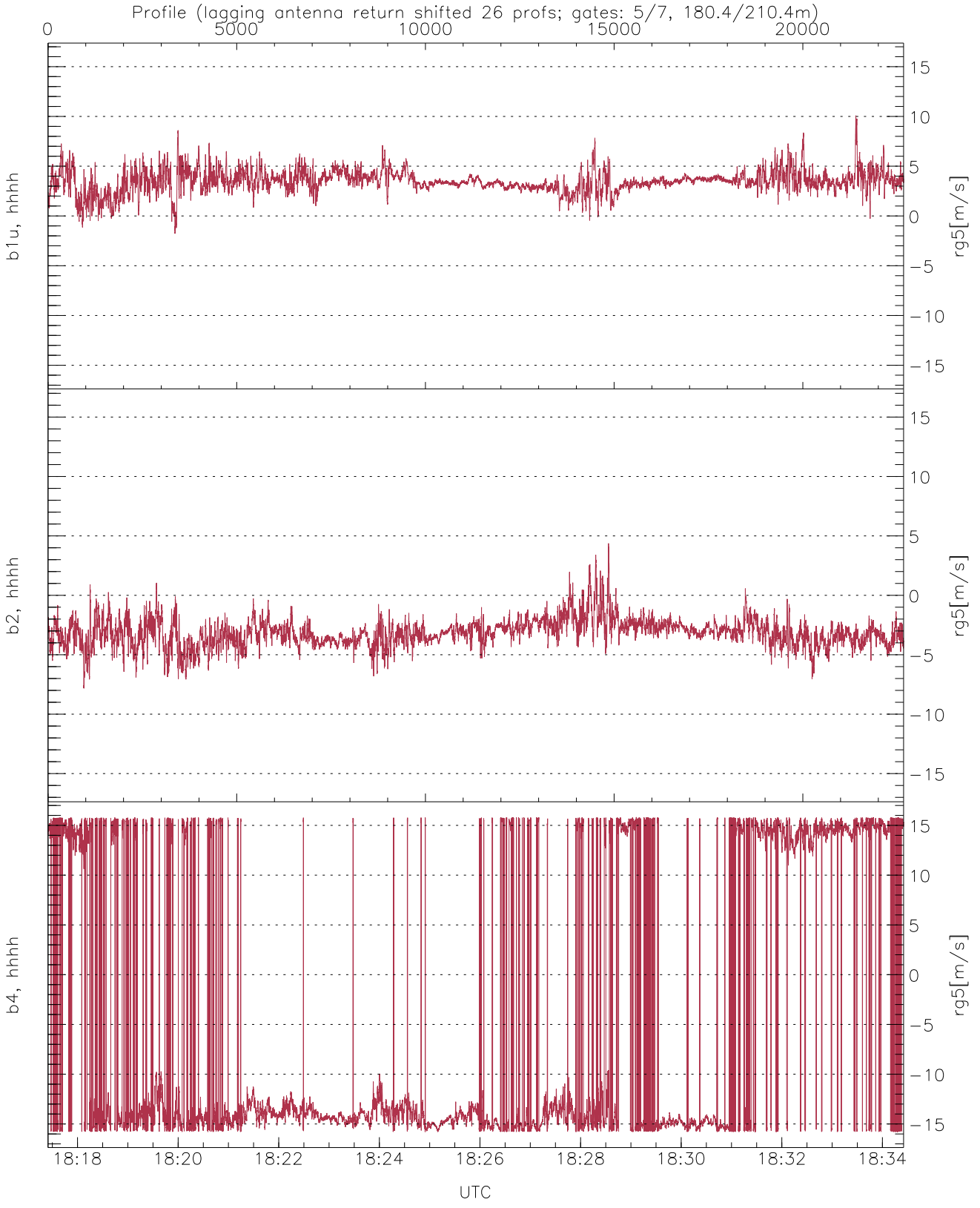
	Min	Max	Mean
up(hh[dBm])	-49.05	-17.16	-26.22
down(hh[dBm])	-51.80	-18.51	-28.94
down-fore(hh[dBm])	-54.32	-23.19	-34.12





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

	Min	Max	Mean
up/down(dB)	-13.32	16.48	2.92
down/down-fore(dB)	-8.42	15.42	6.37



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.77	10.09	3.48	1.10
b2, hhhh(rg5[m/s])	-7.83	4.37	-3.14	1.15
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.35	13.50