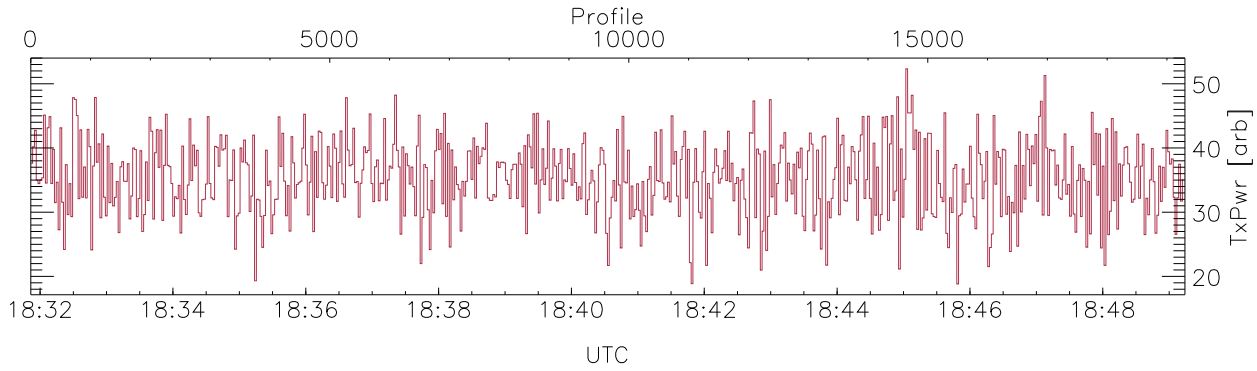
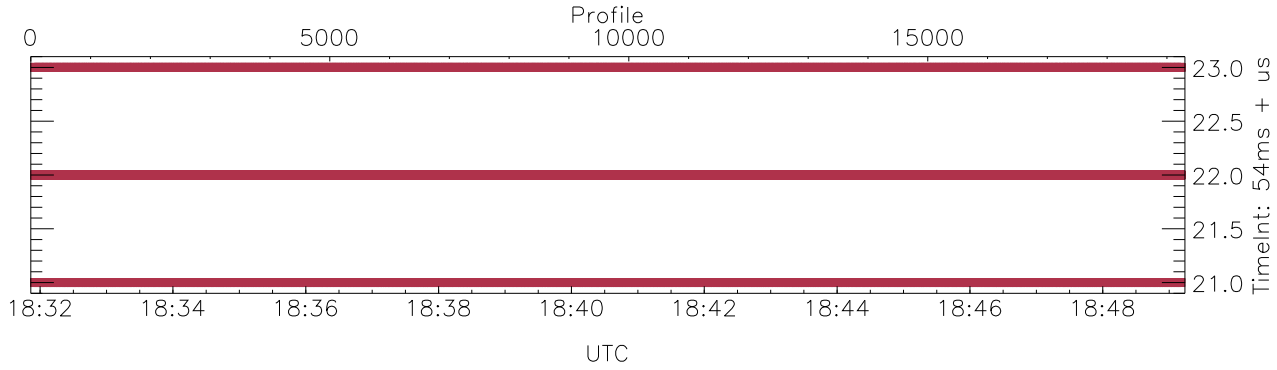
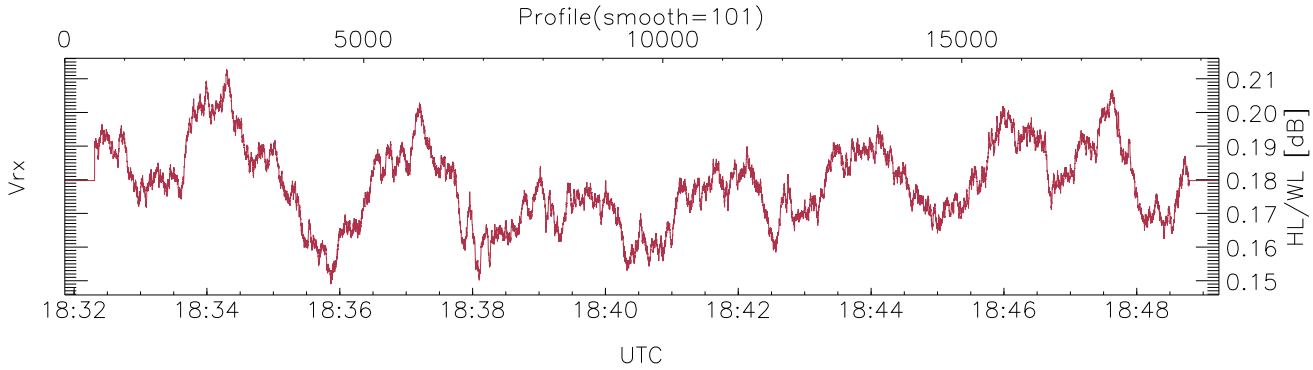
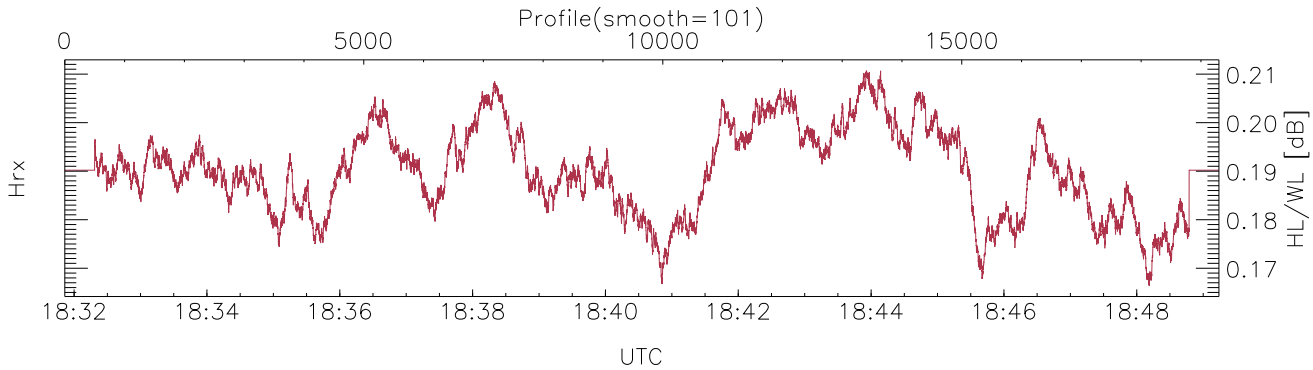


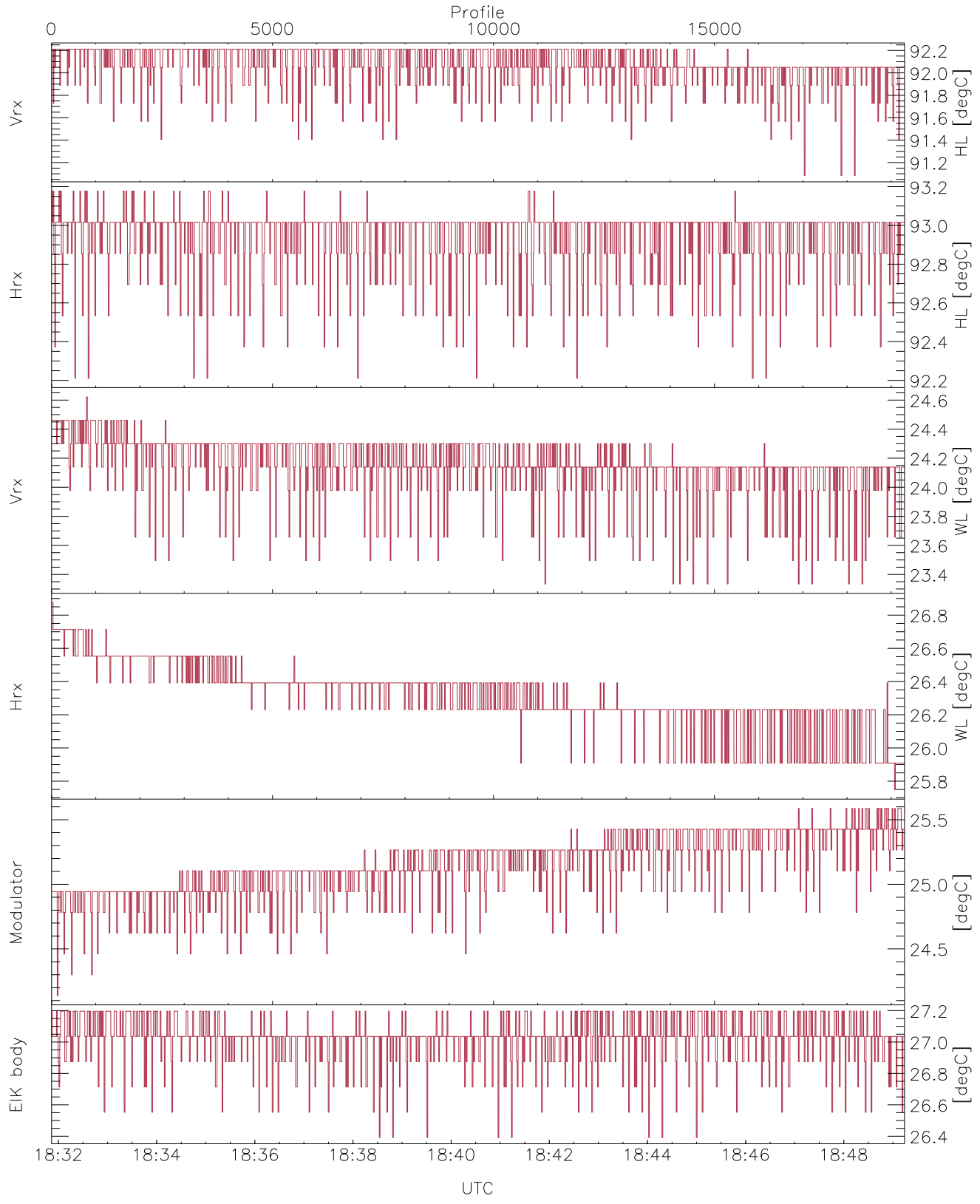






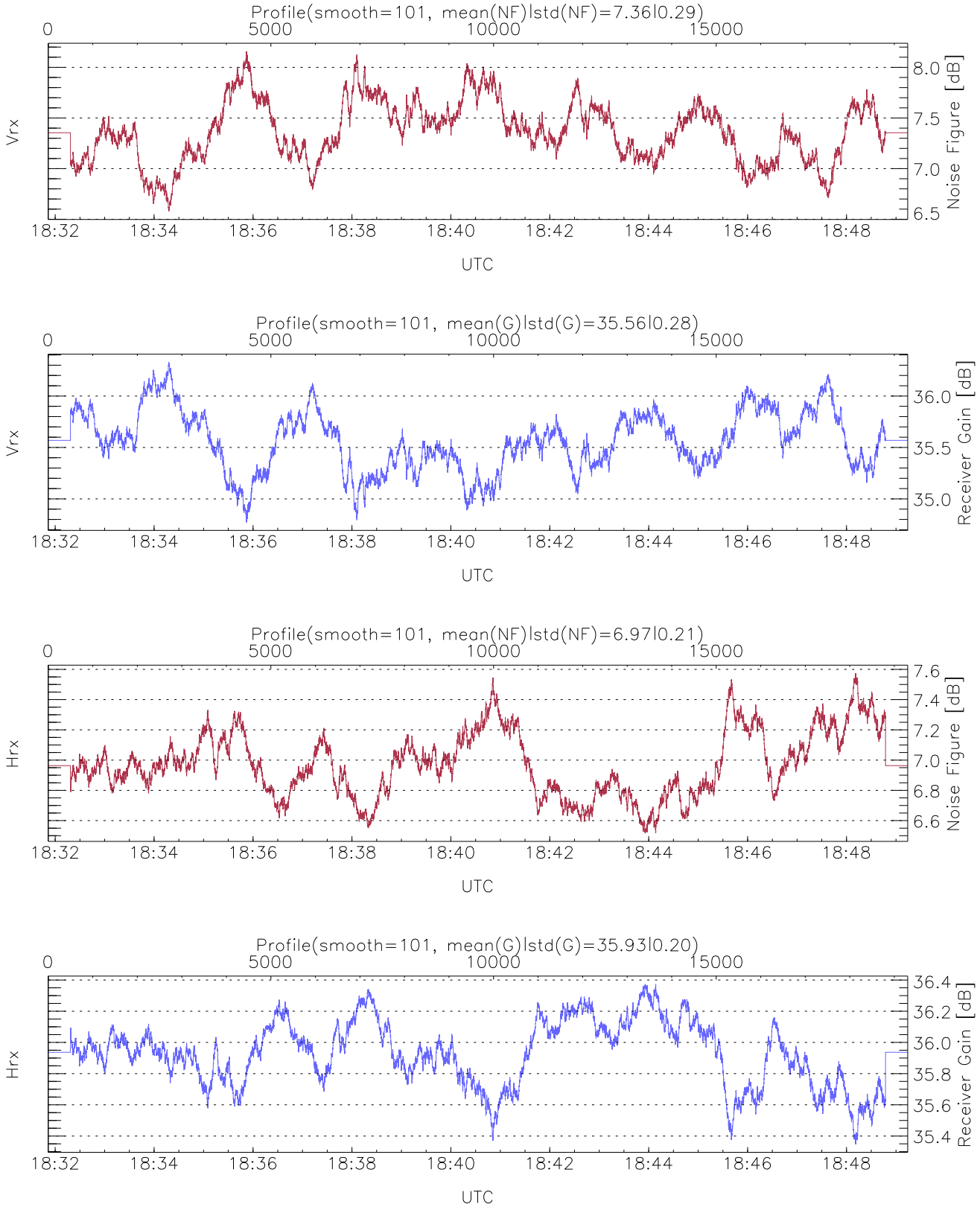
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:31:52-18:49:14, TimeCor: 0.00s, Dur: 1042.69s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 18.5,18.5,18.5
NumRec(r/t): 19302/19302, 0-19301/18:31:52-18:49:14
AcqTime: 54.0ms, Rate: 0.493MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
PRF: 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us
Range(min,max,rgs): 105, 7789, 15.0 m, Gates: 513, Aspect: 3.1
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



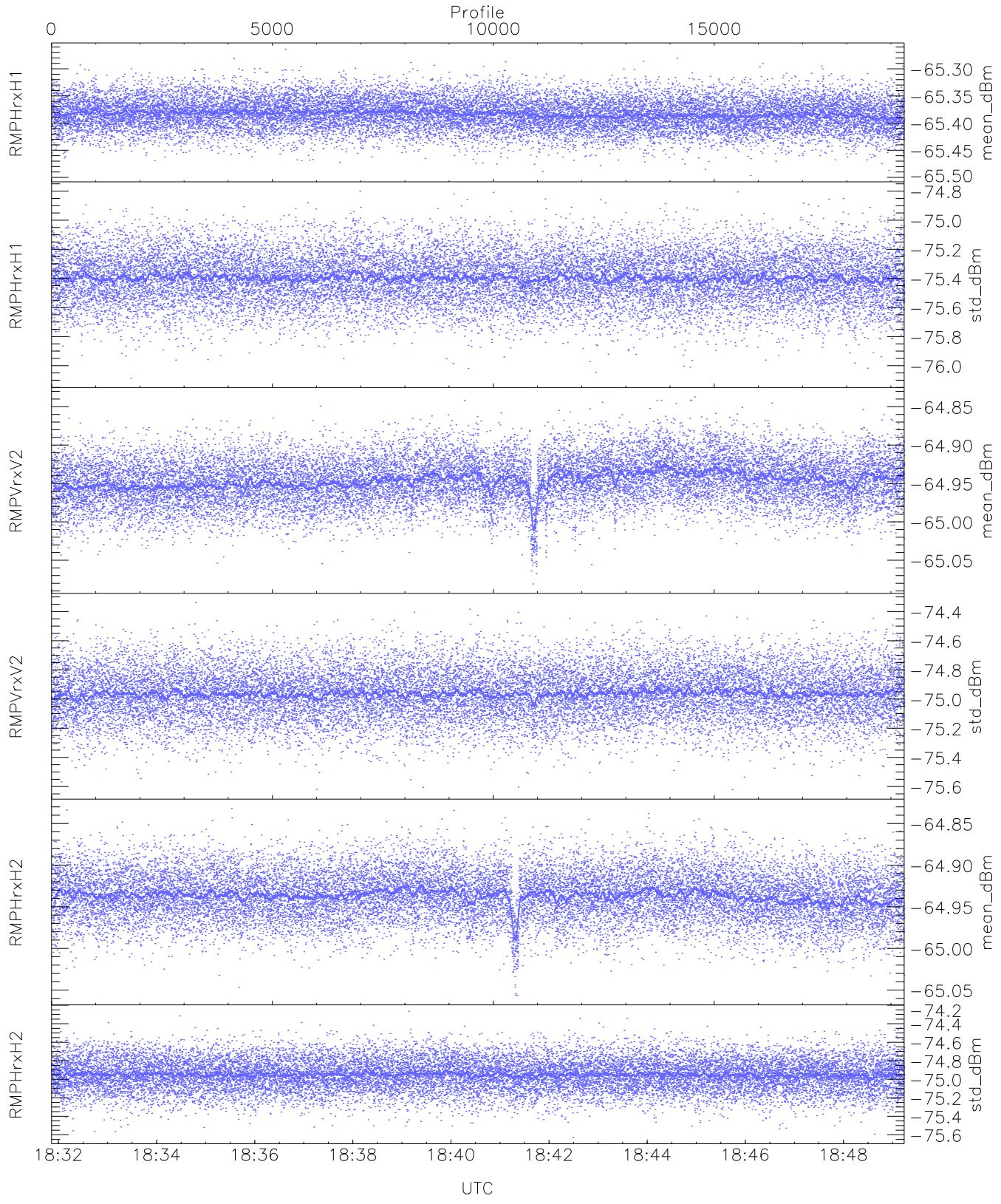
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,24,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,25,27
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (38,38,38,38,38,38)



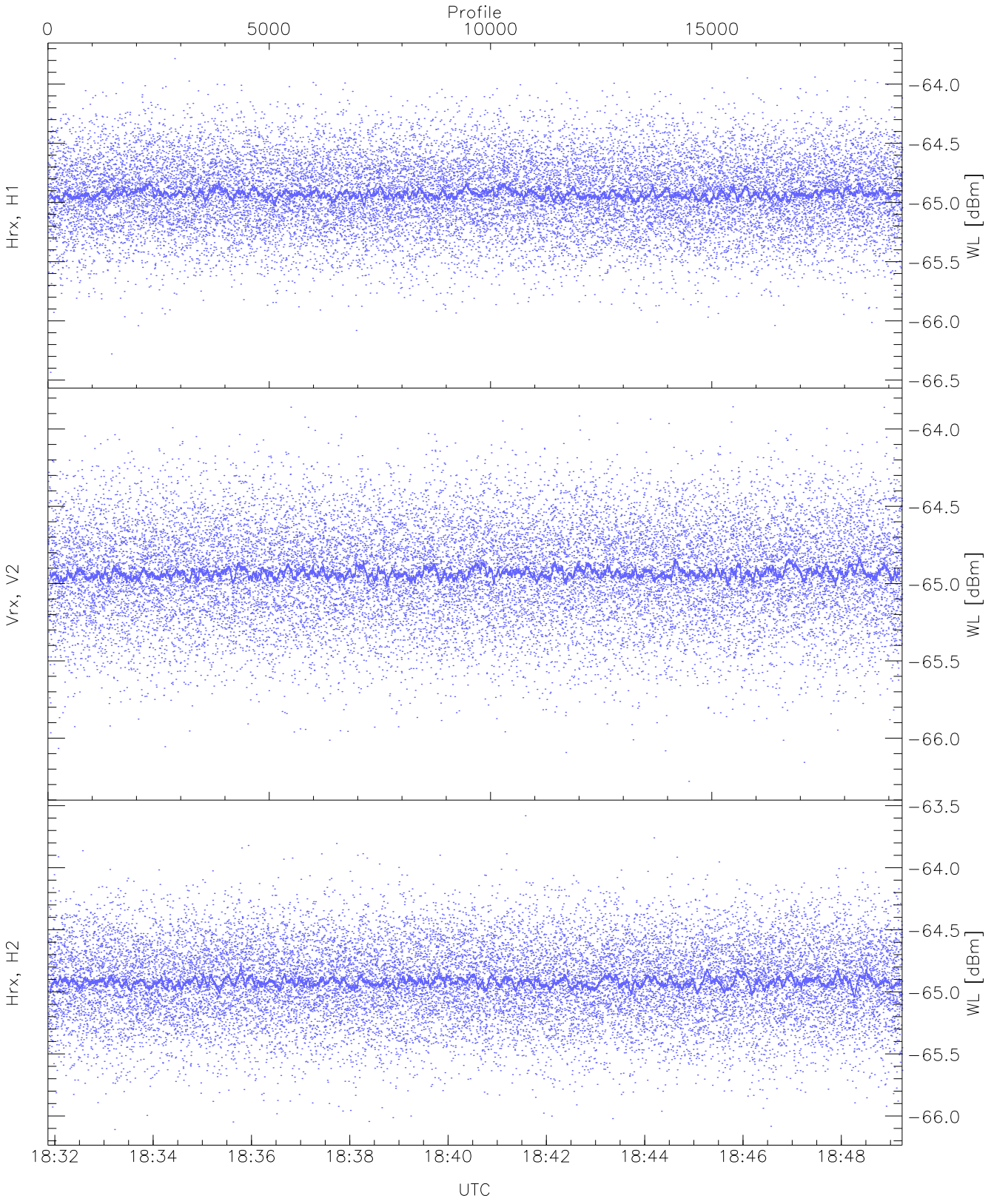
WCR3 CPP Receivers Gain and Noise Figure

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



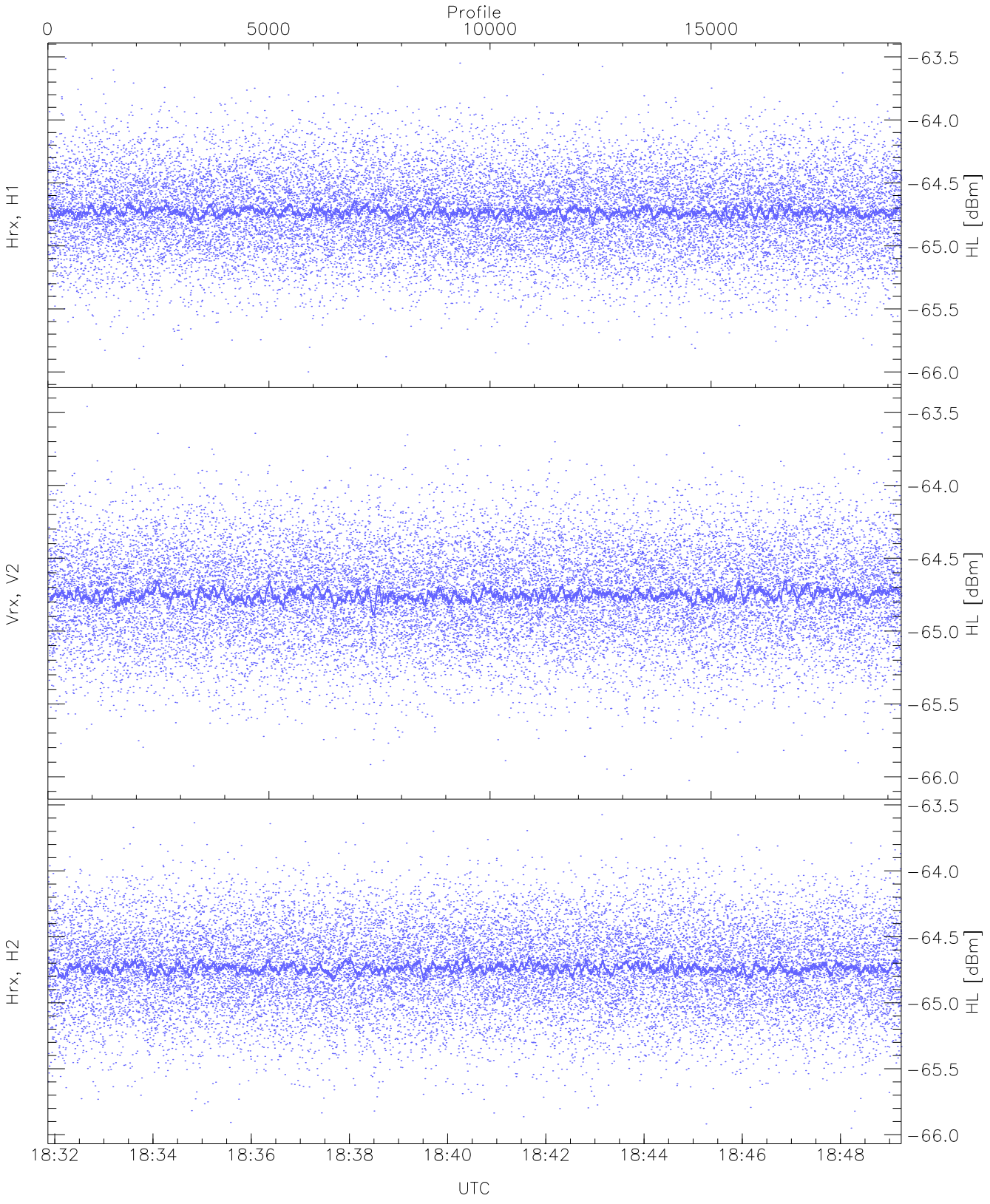
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.26	-65.38	-65.38	-87.43
RMPHrxH1(std_dBm)	-76.09	-74.80	-75.40	-75.40	-89.67
RMPVrxV2(mean_dBm)	-65.08	-64.84	-64.95	-64.95	-86.75
RMPVrxV2(std_dBm)	-75.62	-74.34	-74.96	-74.96	-89.24
RMPHrxH2(mean_dBm)	-65.06	-64.83	-64.94	-64.94	-86.92
RMPHrxH2(std_dBm)	-75.63	-74.26	-74.95	-74.95	-89.22



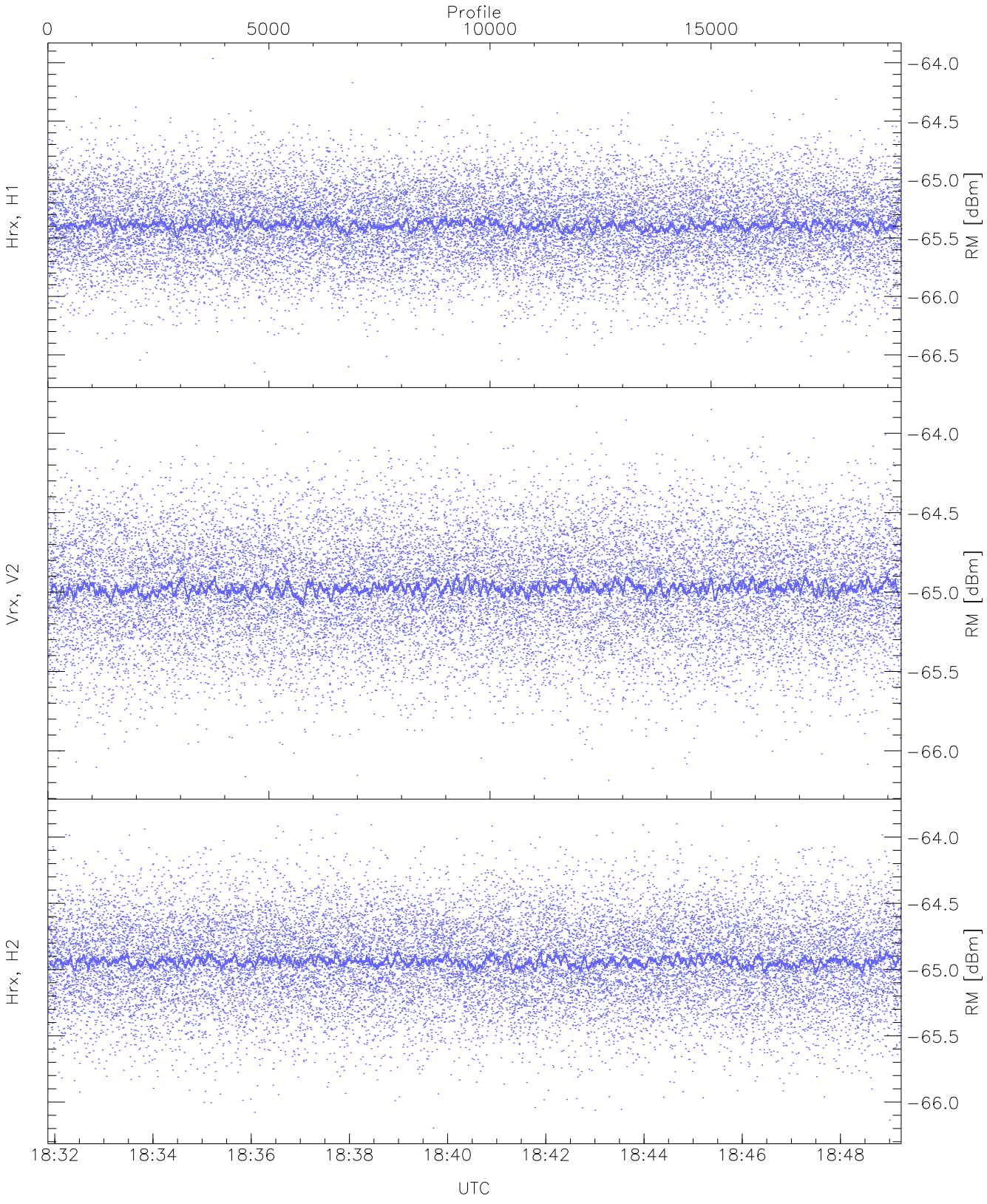
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.43	-63.78	-64.92	-64.93	-76.45
Vrx, V2(WL [dBm])	-66.28	-63.86	-64.92	-64.93	-76.47
Hrx, H2(WL [dBm])	-66.11	-63.58	-64.91	-64.92	-76.41



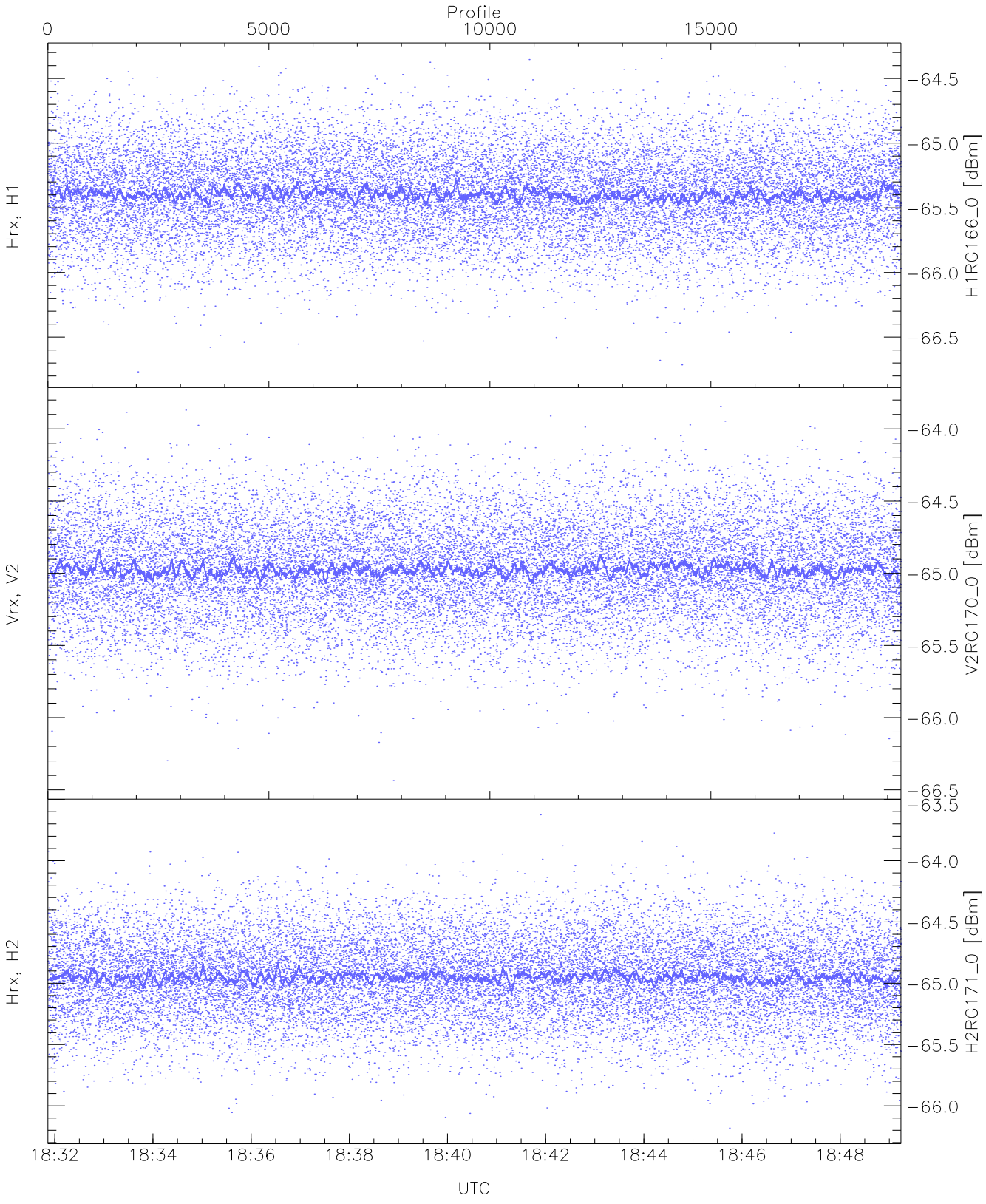
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.00	-63.51	-64.72	-64.73	-76.24
Vrx, V2(HL [dBm])	-66.02	-63.46	-64.74	-64.75	-76.24
Hrx, H2(HL [dBm])	-65.95	-63.57	-64.73	-64.74	-76.23



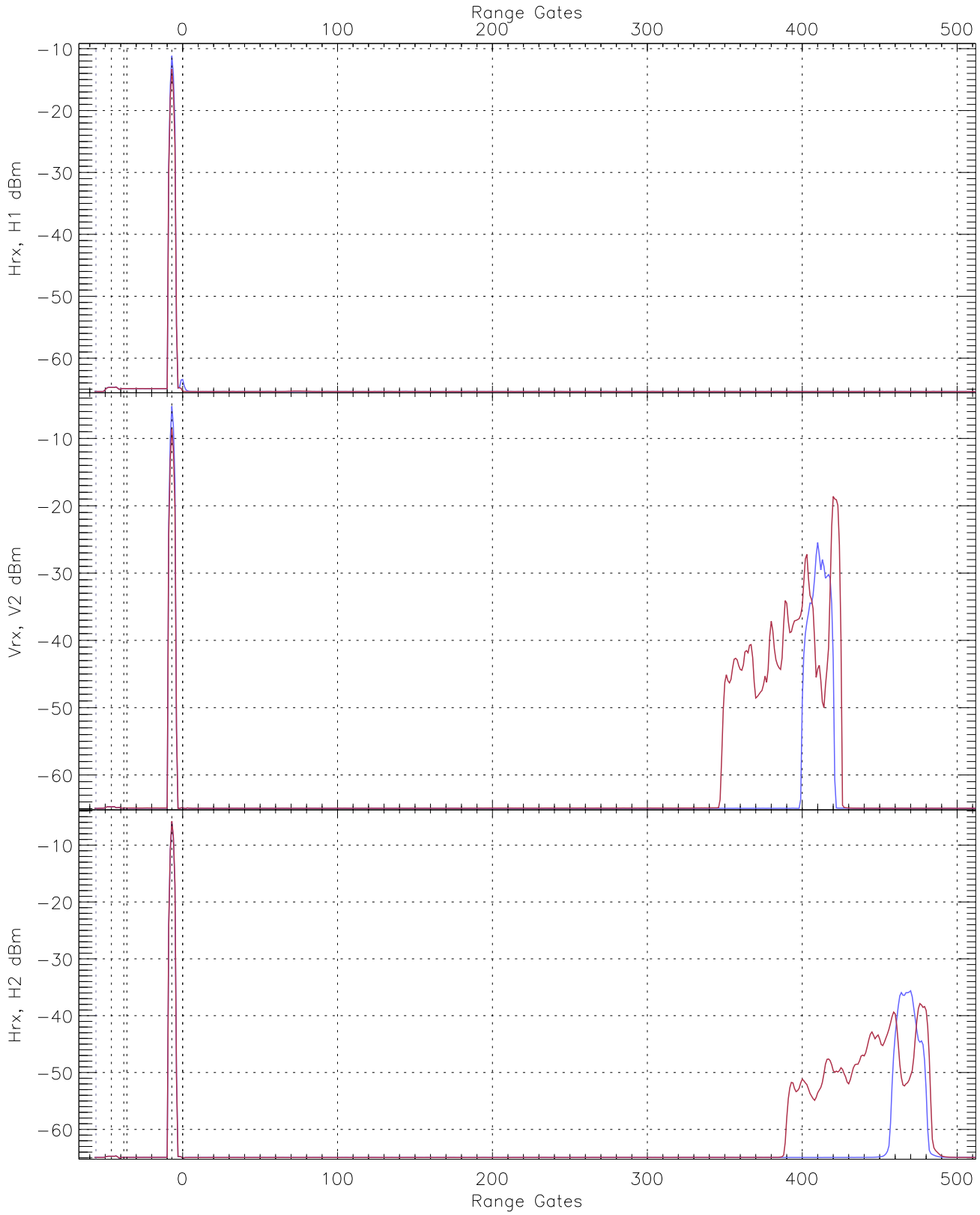
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.65	-63.96	-65.38	-65.39	-76.91
Vrx, V2(RM [dBm])	-66.19	-63.83	-64.97	-64.97	-76.47
Hrx, H2(RM [dBm])	-66.20	-63.83	-64.93	-64.94	-76.44

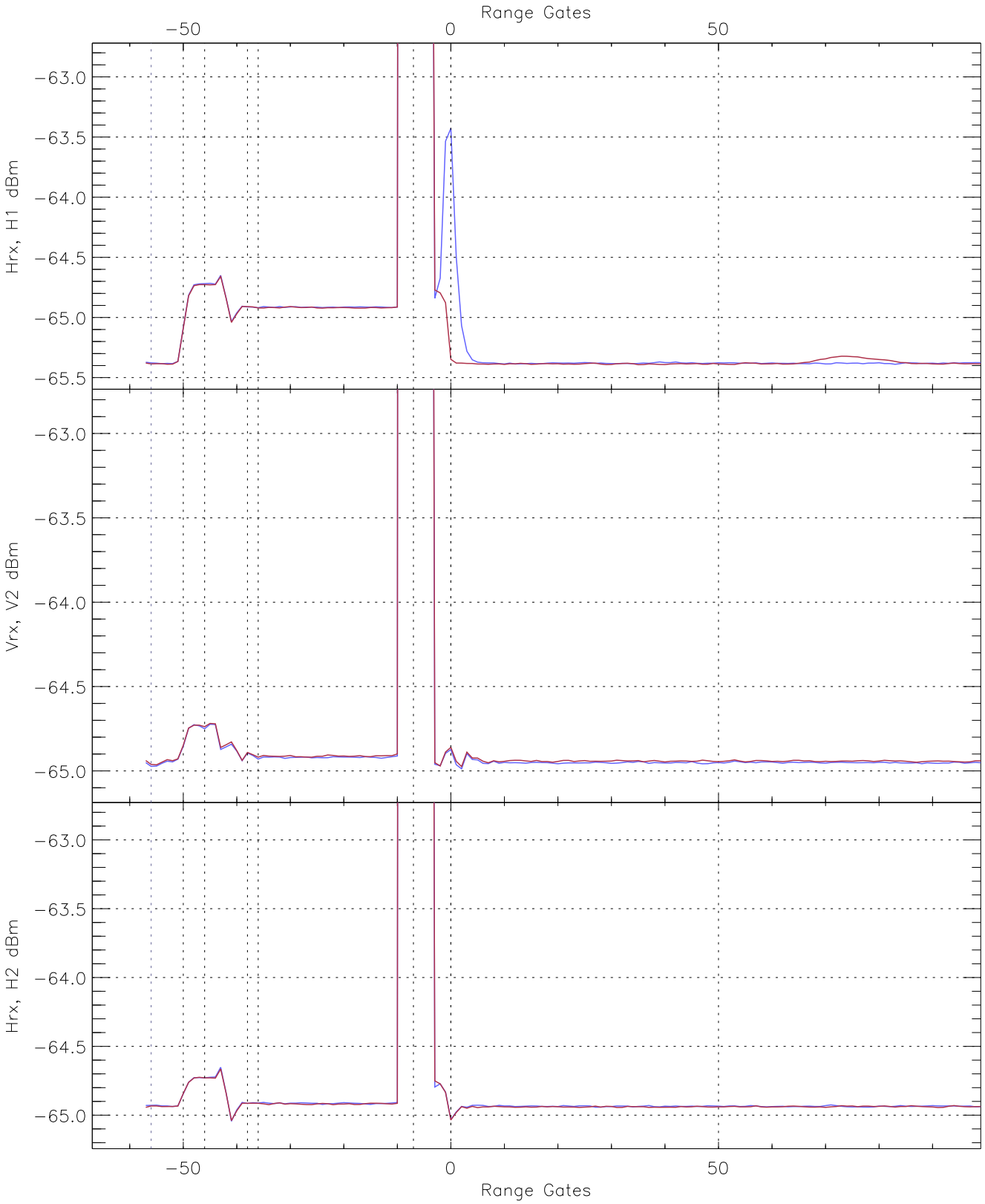


WCR3 CPP "Best" estimate Receivers Noise Power

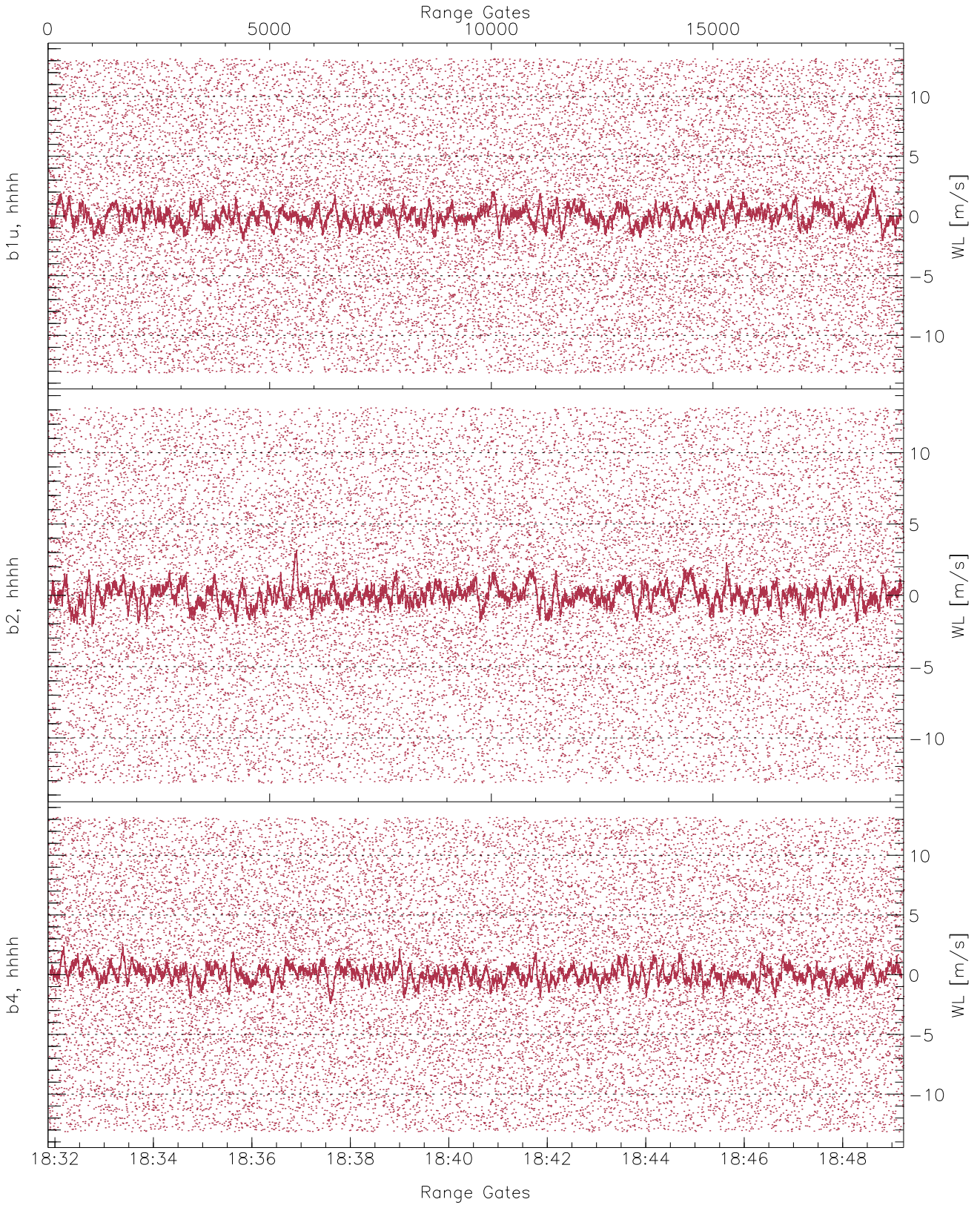
	Min	Max	Mean	Median	StDev
H1RG166_0 [dBm]	-66.77	-64.35	-65.39	-65.39	-76.93
V2RG170_0 [dBm]	-66.43	-63.84	-64.97	-64.97	-76.45
H2RG171_0 [dBm]	-66.18	-63.63	-64.94	-64.95	-76.44



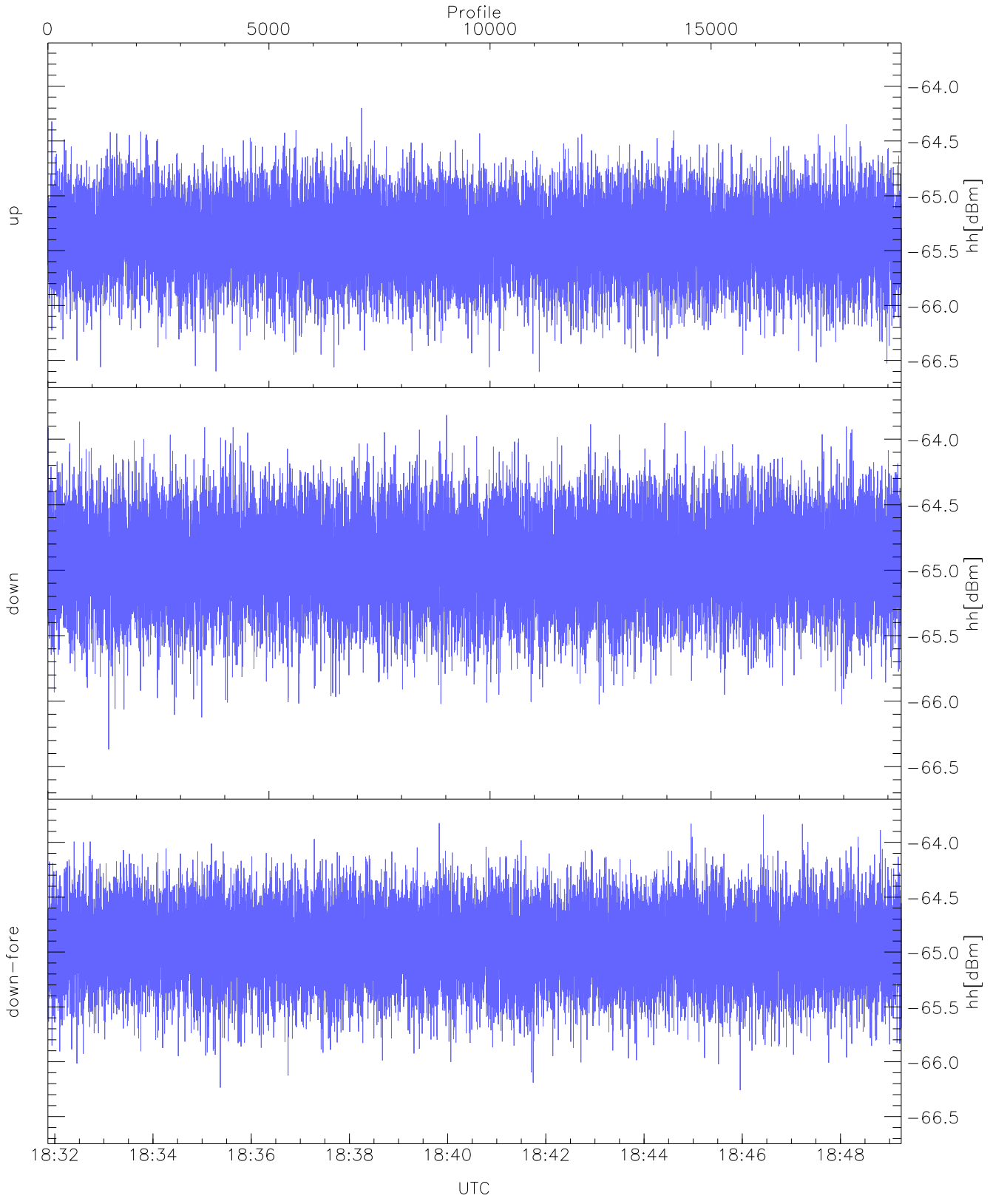
WCR3 CPP Averaged Received power for all recorded gates
blue: 183152-184033, 9652 profiles averaged
red: 184033-184914, 9651 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 183152-184033, 9652 profiles averaged
red: 184033-184914, 9651 profiles averaged

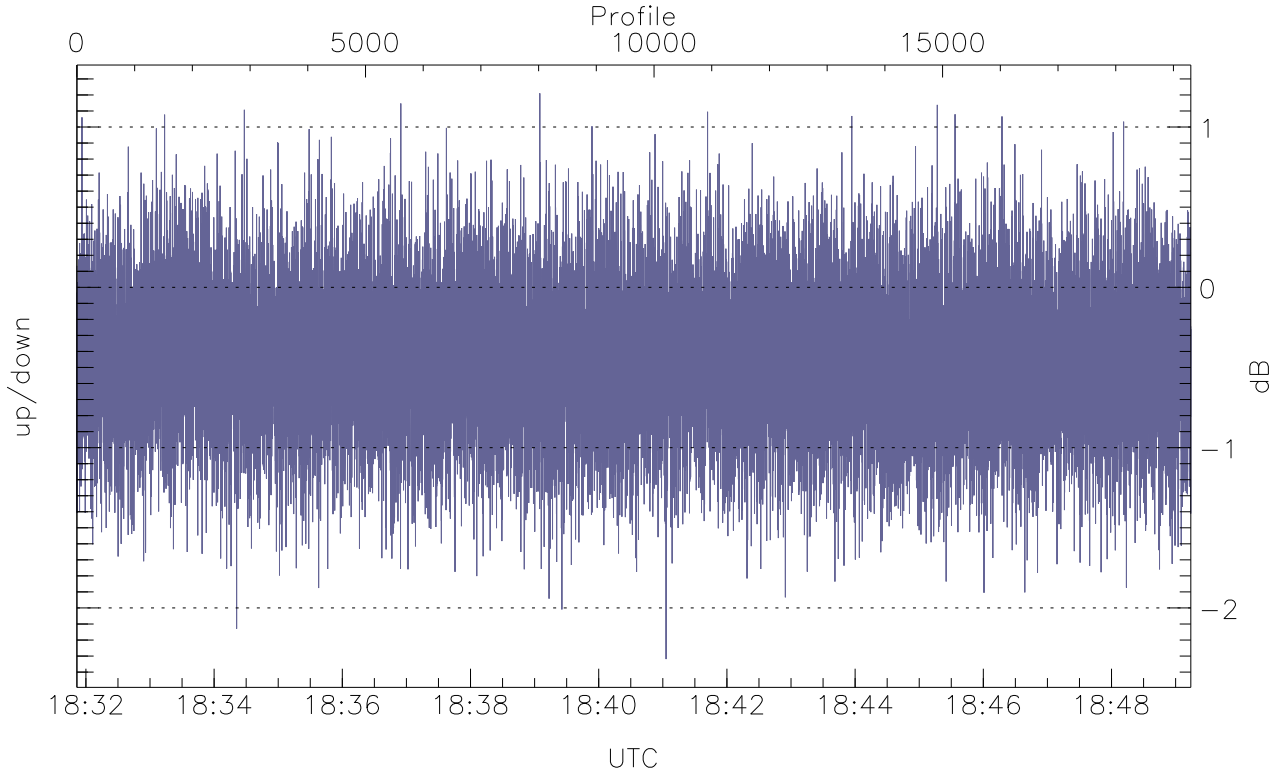


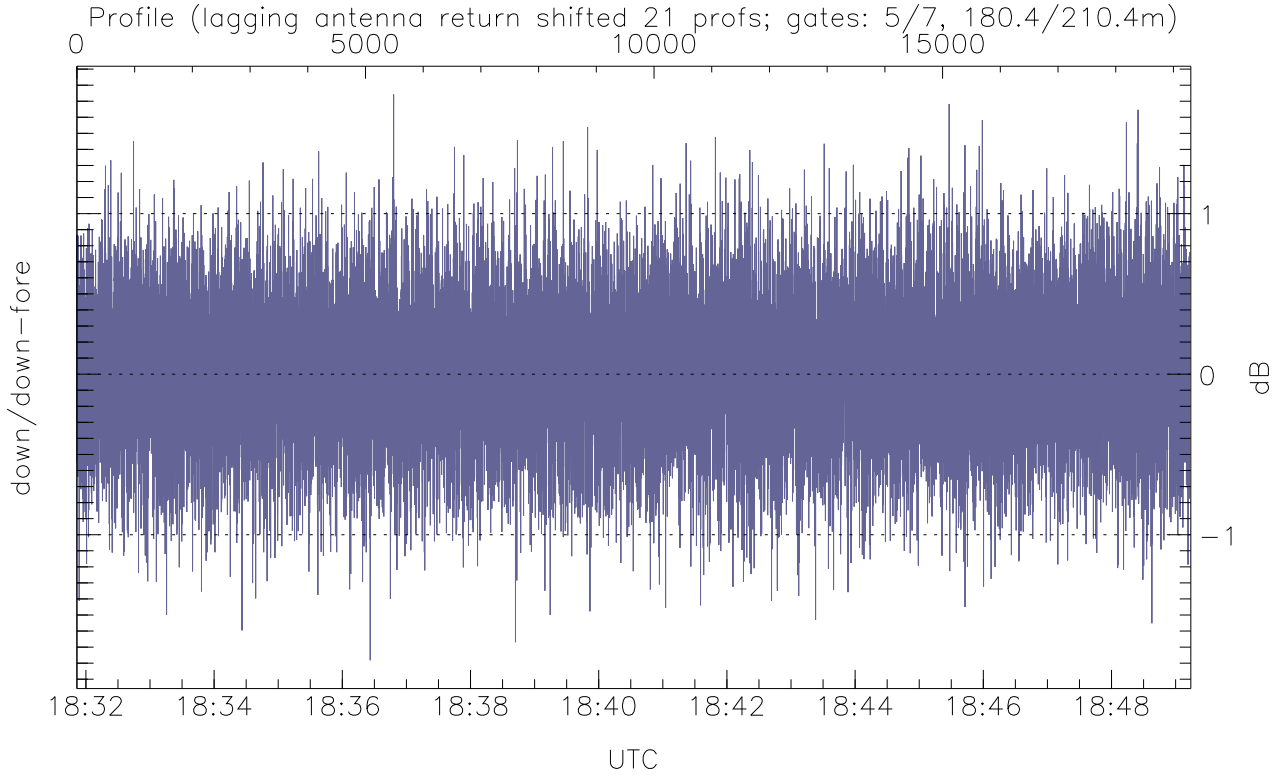
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

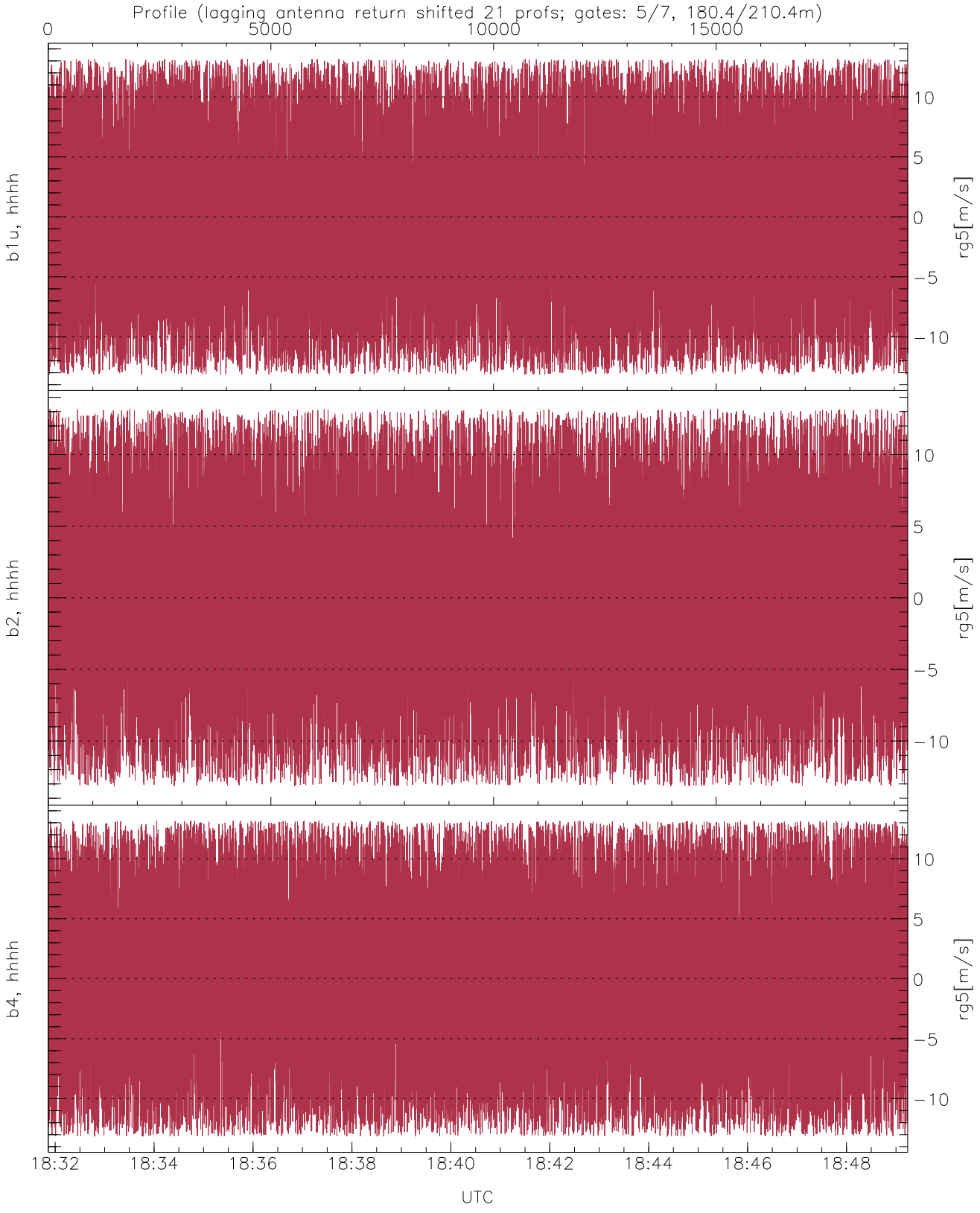
	Min	Max	Mean
up(hh[dBm])	-66.61	-64.20	-65.38
down(hh[dBm])	-66.37	-63.82	-64.93
down-fore(hh[dBm])	-66.26	-63.75	-64.94





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

	Min	Max	Mean
up/down(dB)	-2.32	1.21	-0.45
down/down-fore(dB)	-1.78	1.74	0.01



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-13.15	13.16	-0.01	7.11
b2, hhhh(rg5[m/s])	-13.15	13.16	0.09	6.74
b4, hhhh(rg5[m/s])	-13.15	13.16	-0.02	7.25