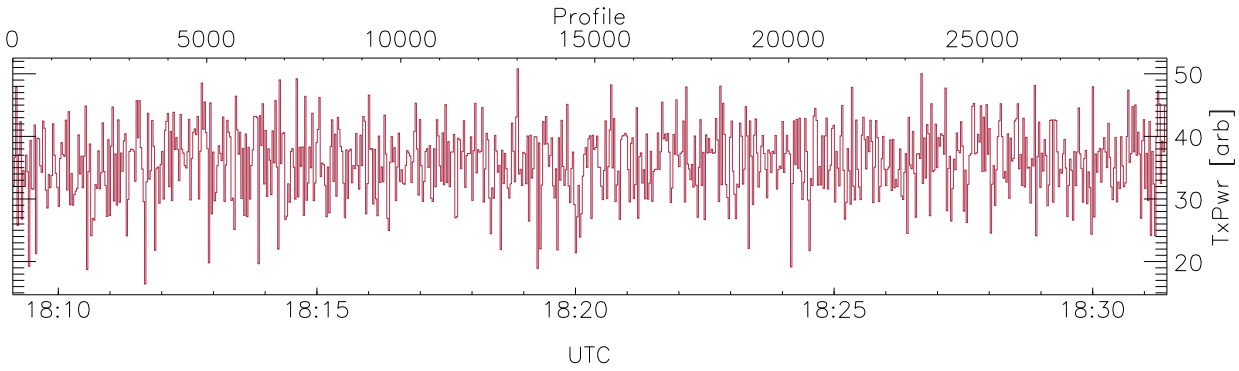
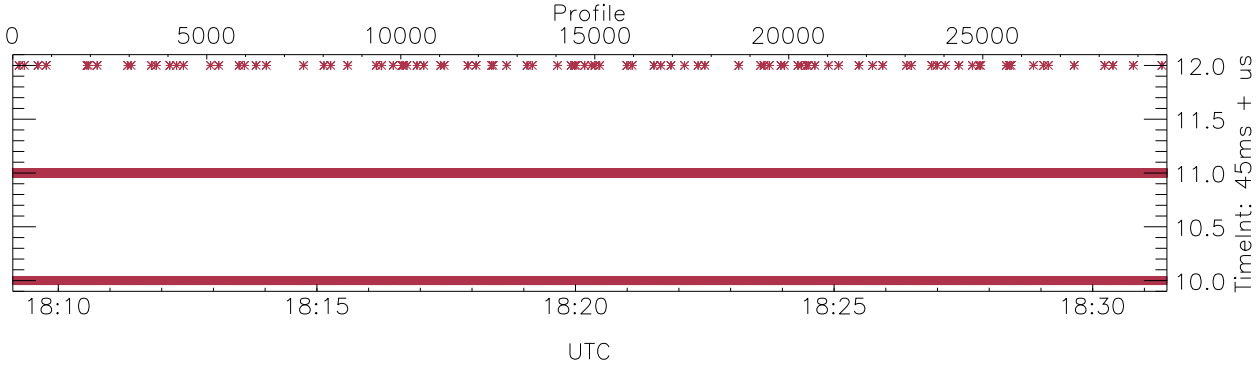
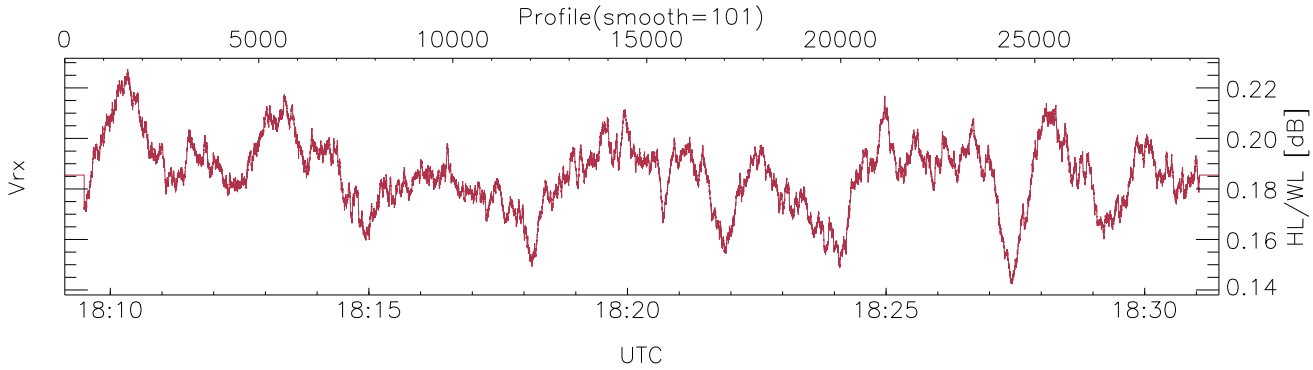
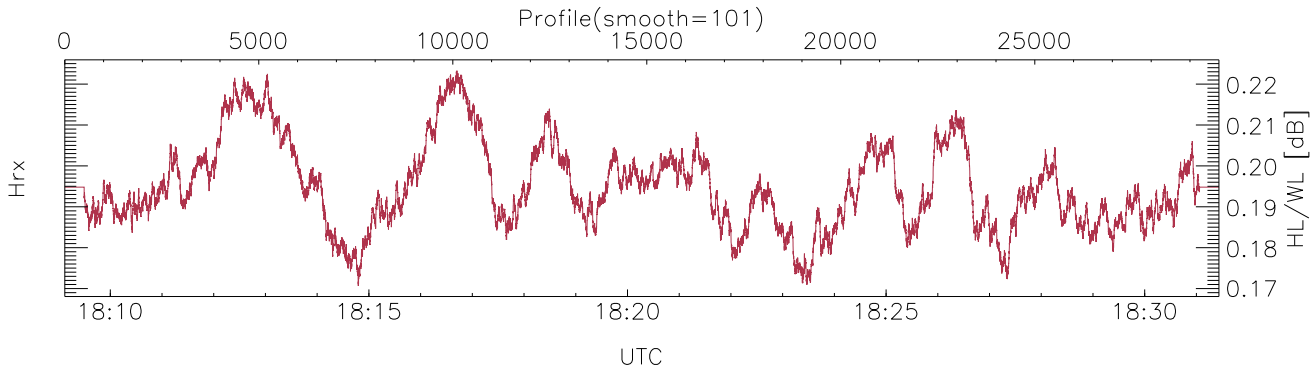


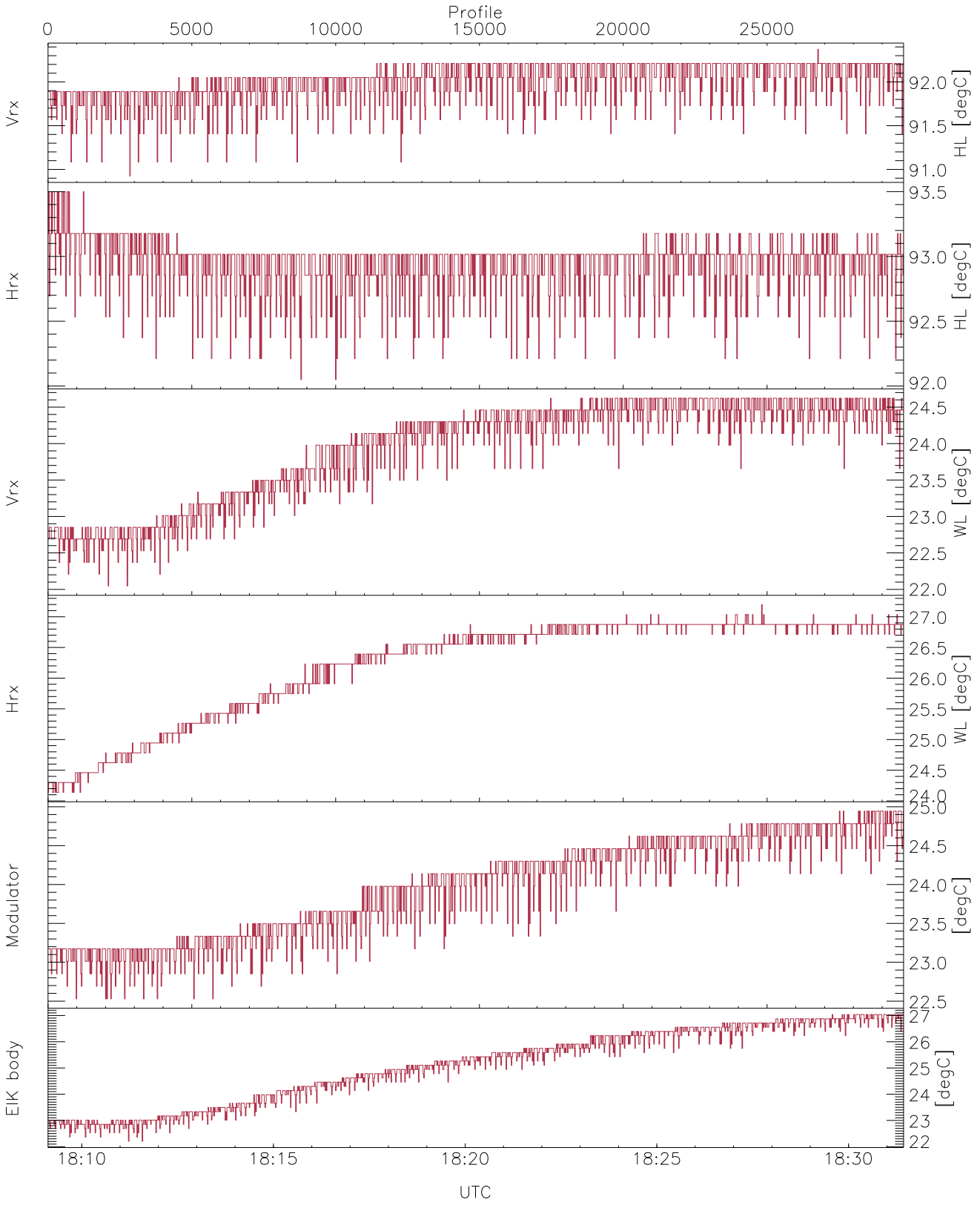






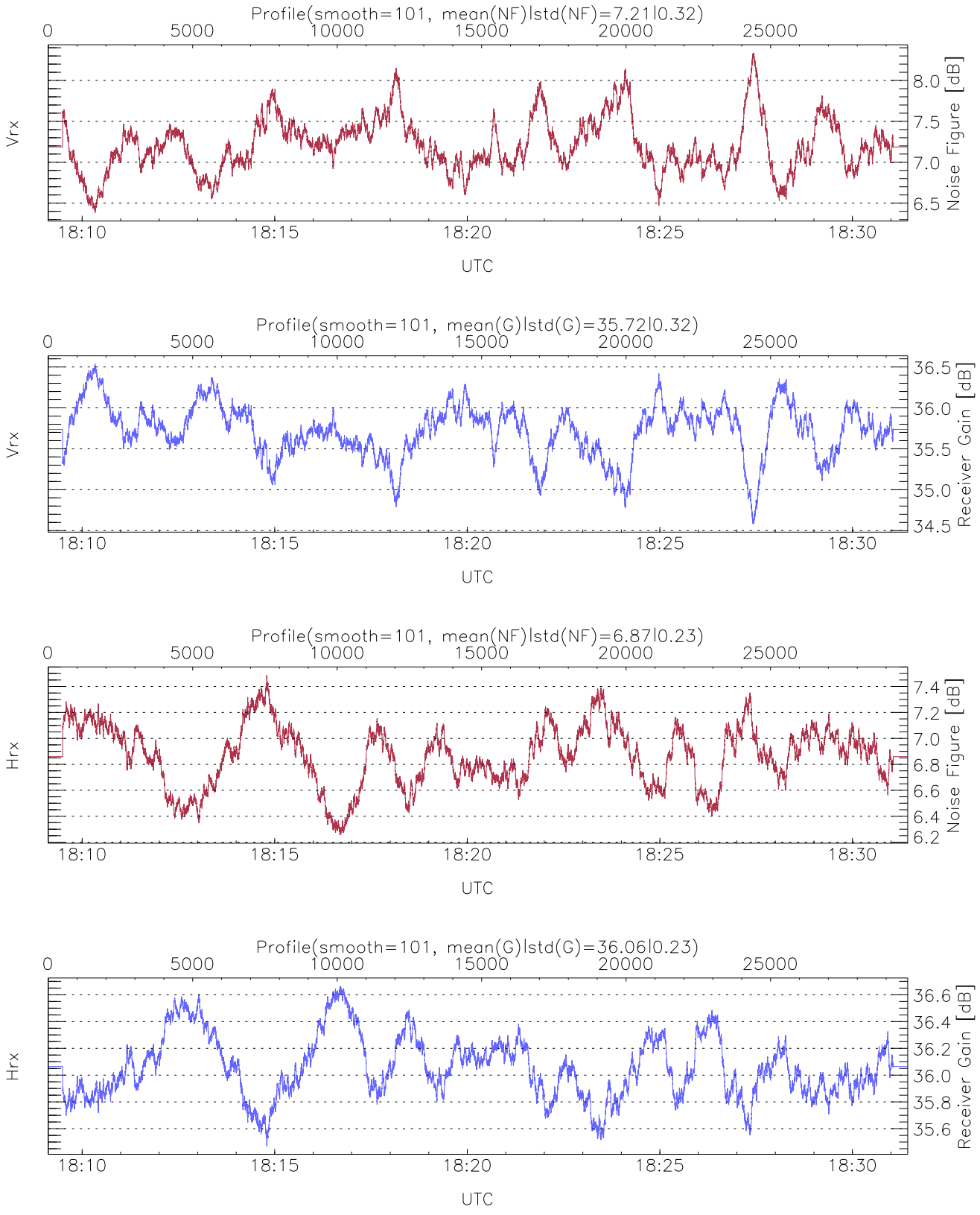
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:09:07-18:31:26, TimeCor: 0.00s, Dur: 1338.95s
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): 29748/29748, 0-29747/18:09:07-18:31:26
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



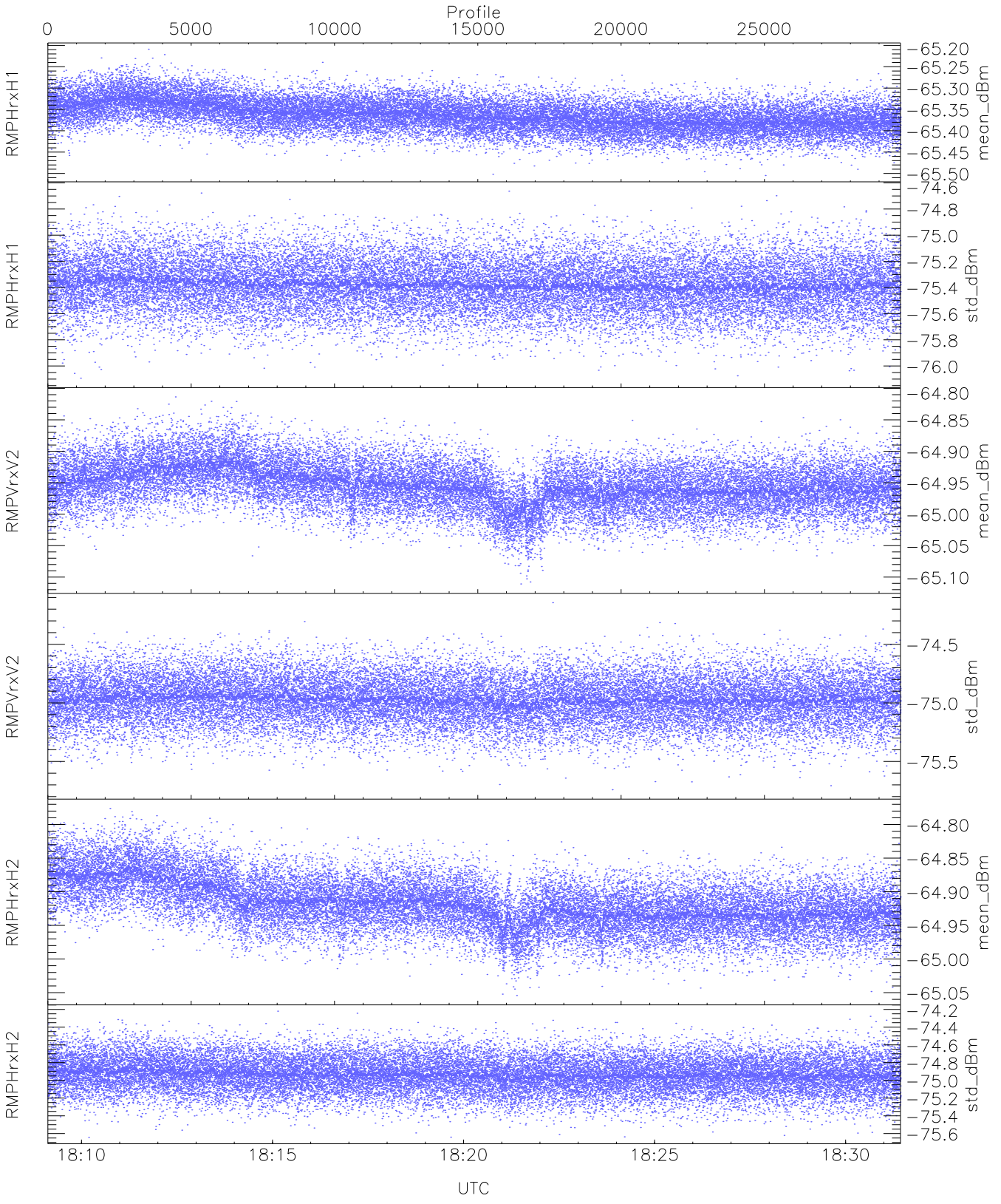
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,22,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,24,27
LOalarm(20,240,2817,14861 MHz): 0,0,68,0
EIK Faults(# prof affected):
DeckF (24)



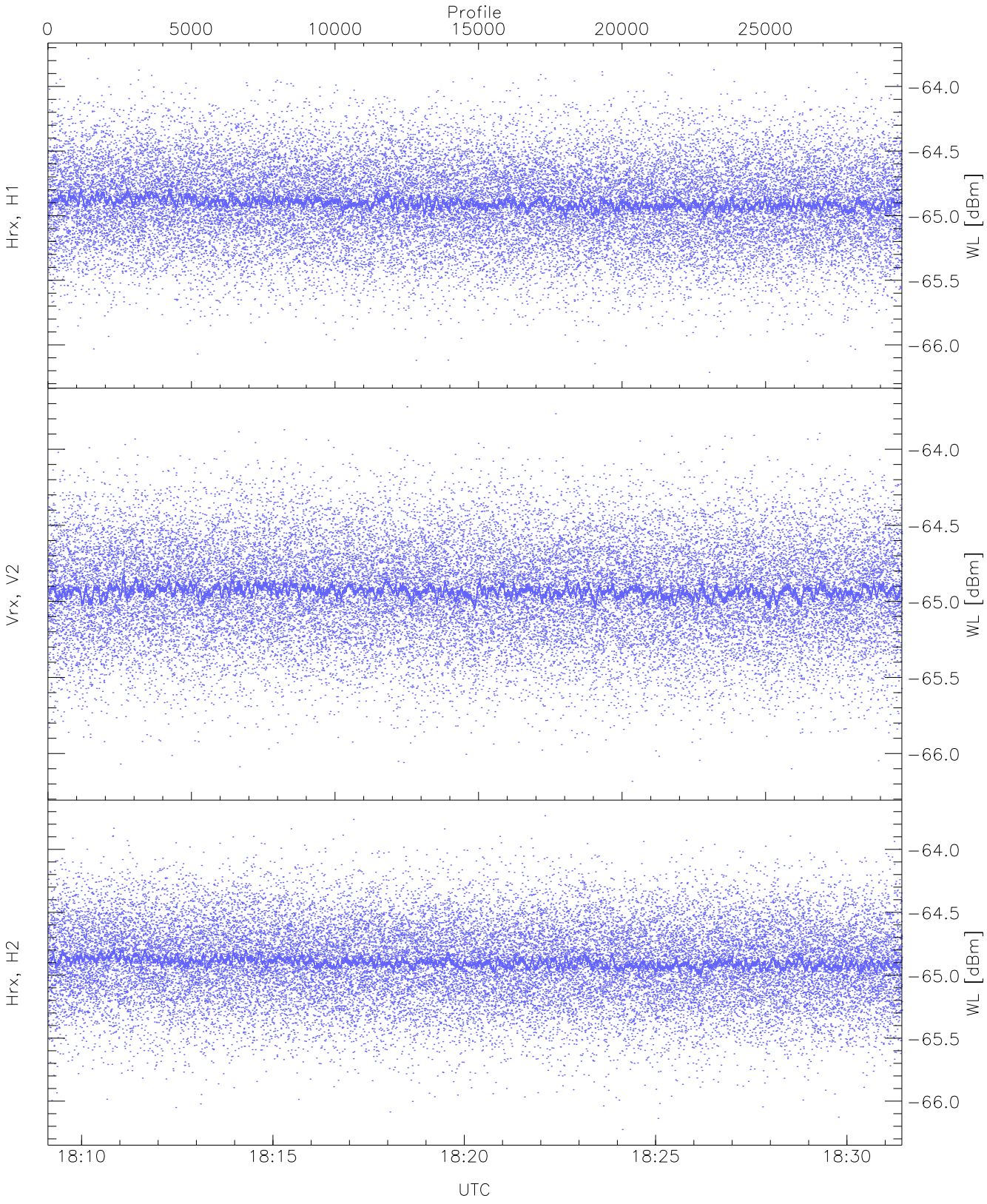
WCR3 CPP Receivers Gain and Noise Figure

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



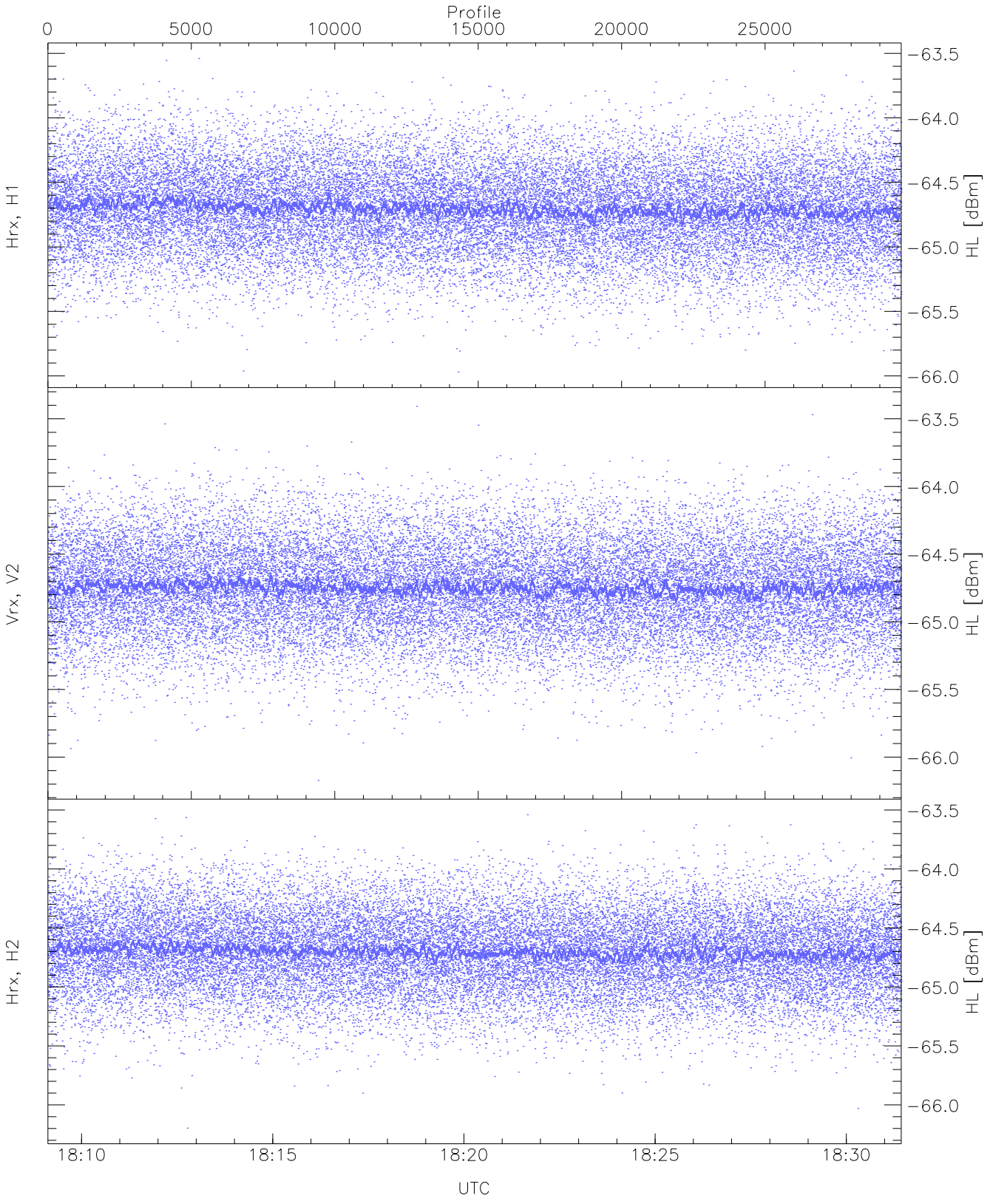
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.21	-65.36	-65.36	-86.29
RMPHrxH1(std_dBm)	-76.09	-74.66	-75.38	-75.38	-89.15
RMPVrxV2(mean_dBm)	-65.11	-64.81	-64.95	-64.96	-85.85
RMPVrxV2(std_dBm)	-75.74	-74.14	-74.97	-74.97	-88.74
RMPHrxH2(mean_dBm)	-65.05	-64.78	-64.92	-64.92	-85.54
RMPHrxH2(std_dBm)	-75.64	-74.22	-74.93	-74.94	-88.68



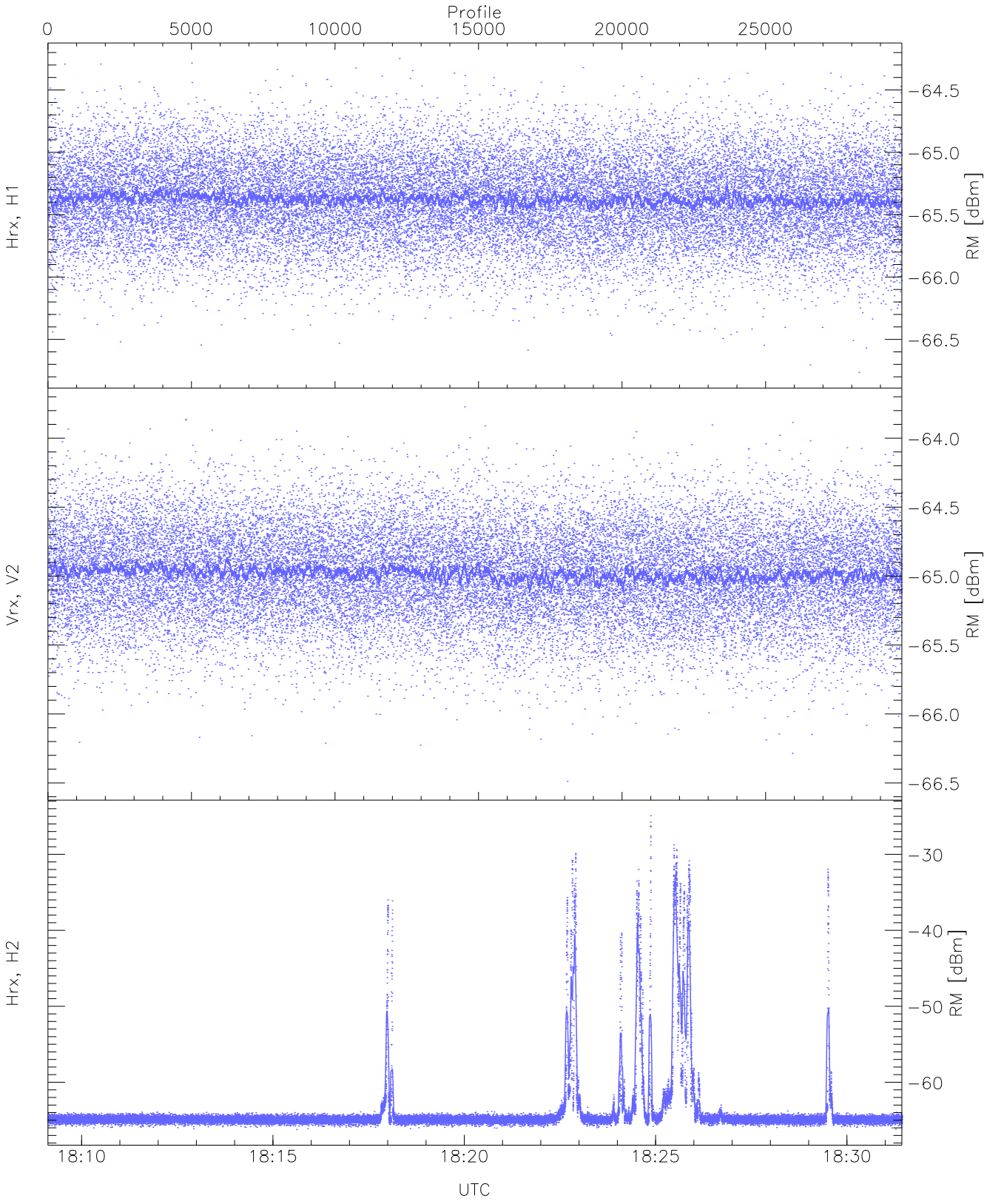
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.21	-63.78	-64.89	-64.90	-76.37
Vrx, V2(WL [dBm])	-66.18	-63.72	-64.93	-64.93	-76.41
Hrx, H2(WL [dBm])	-66.23	-63.73	-64.89	-64.90	-76.37



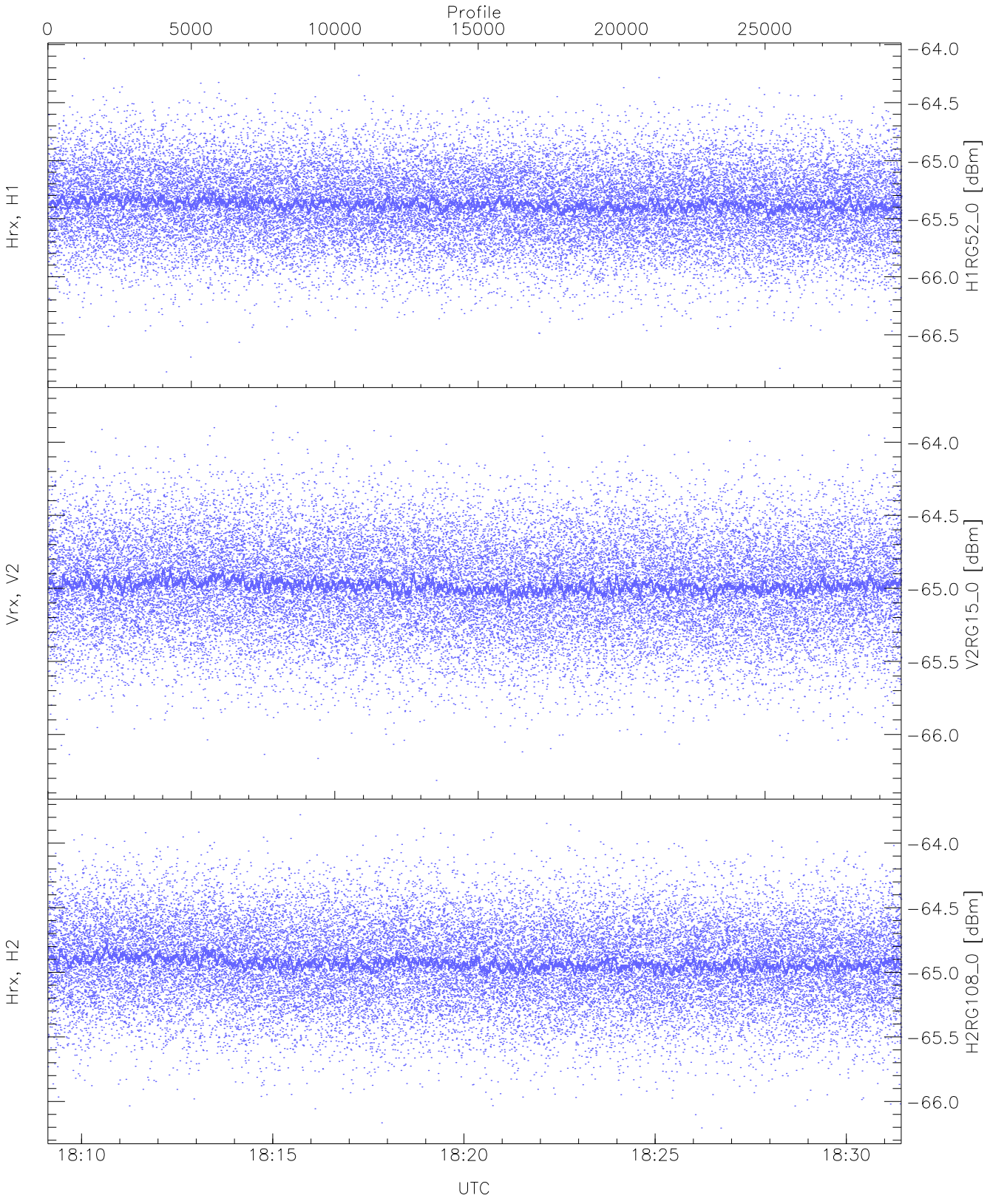
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.97	-63.54	-64.70	-64.70	-76.22
Vrx, V2(HL [dBm])	-66.17	-63.41	-64.74	-64.75	-76.24
Hrx, H2(HL [dBm])	-66.20	-63.54	-64.70	-64.70	-76.19



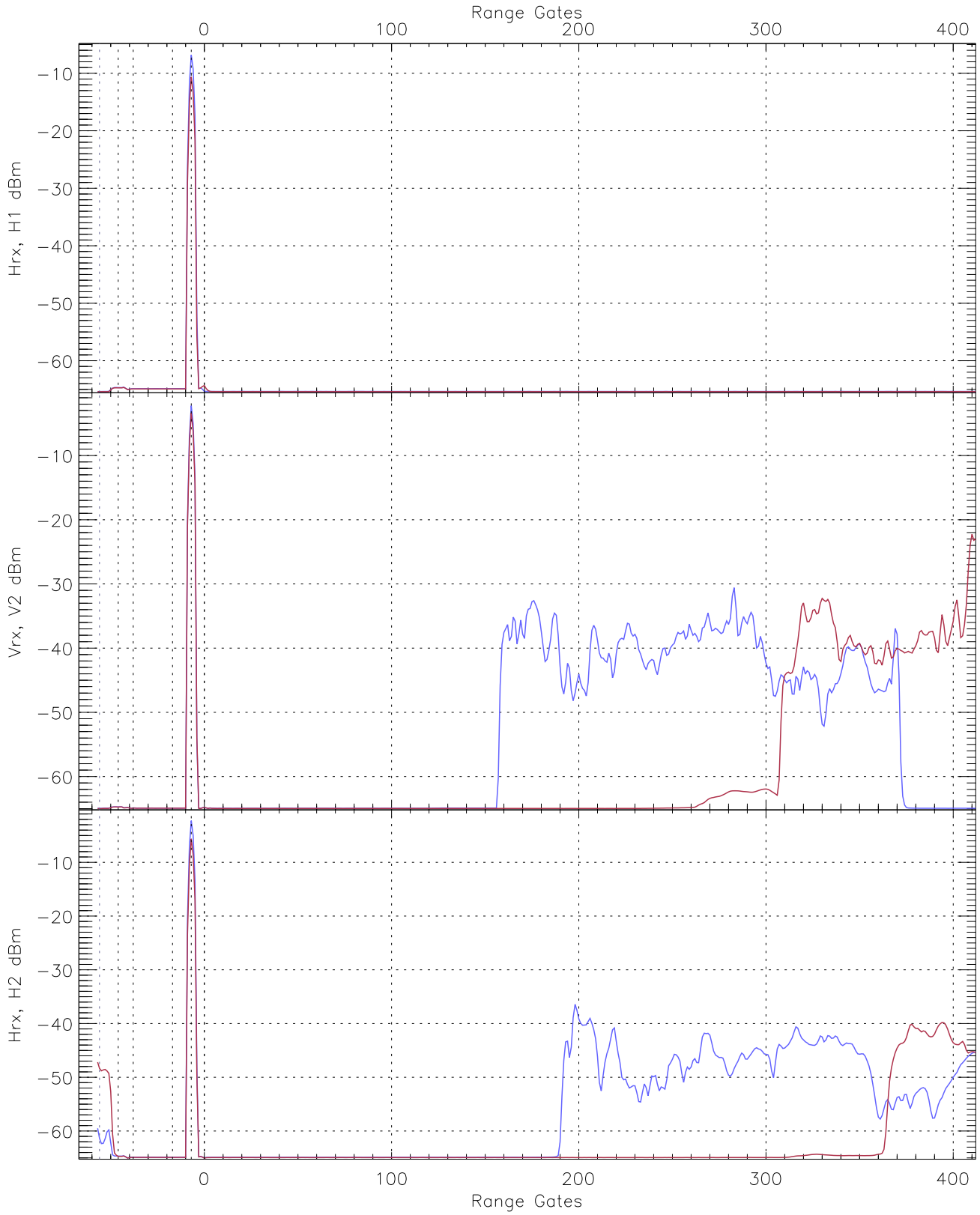
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.76	-64.25	-65.37	-65.37	-76.89
Vrx, V2(RM [dBm])	-66.49	-63.77	-64.97	-64.98	-76.47
Hrx, H2(RM [dBm])	-66.22	-24.93	-51.14	-64.84	-41.86

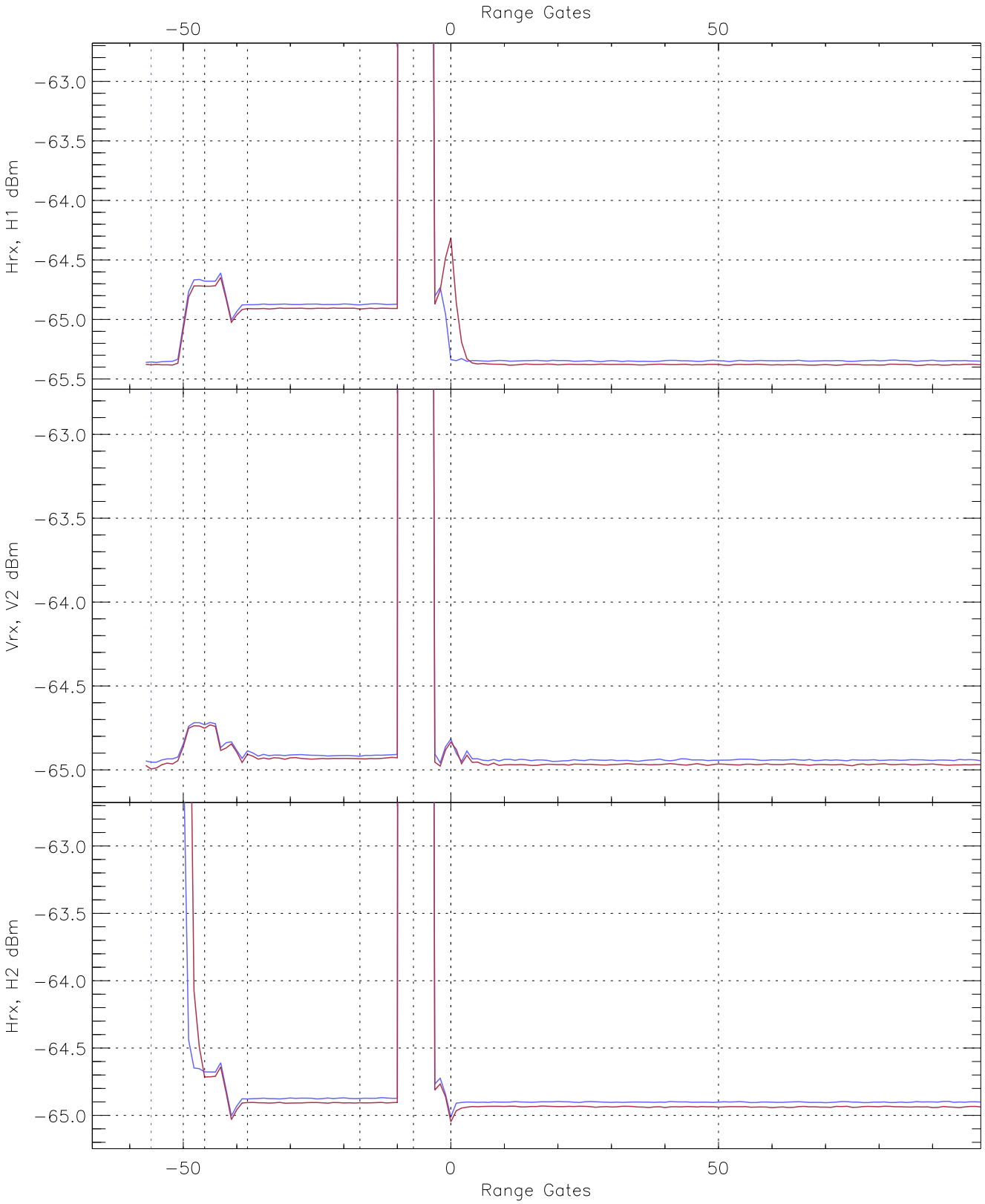


WCR3 CPP "Best" estimate Receivers Noise Power

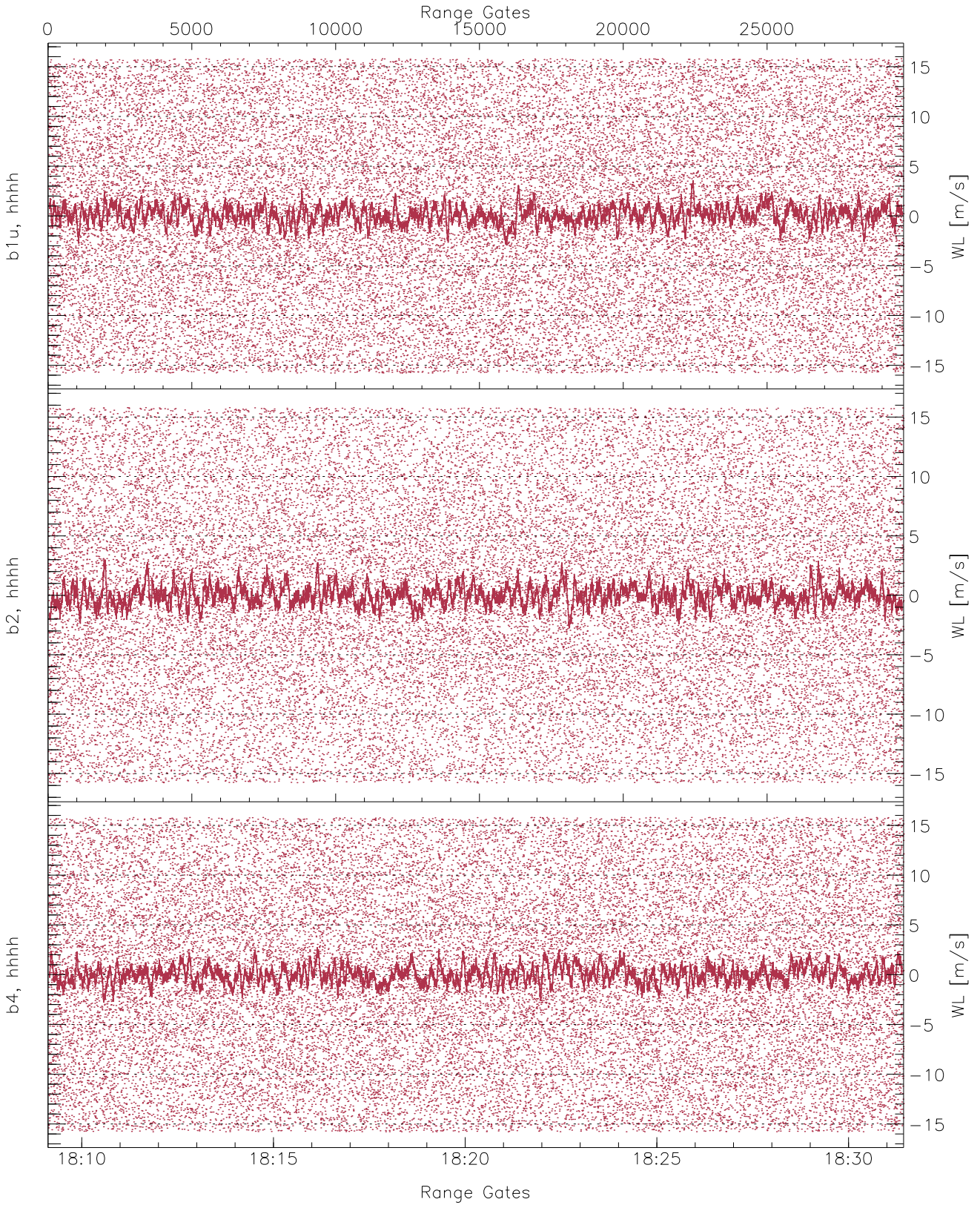
	Min	Max	Mean	Median	StDev
H1RG52_0 [dBm]	-66.82	-64.12	-65.37	-65.37	-76.87
V2RG15_0 [dBm]	-66.31	-63.75	-64.97	-64.98	-76.47
H2RG108_0 [dBm]	-66.21	-63.78	-64.92	-64.93	-76.42



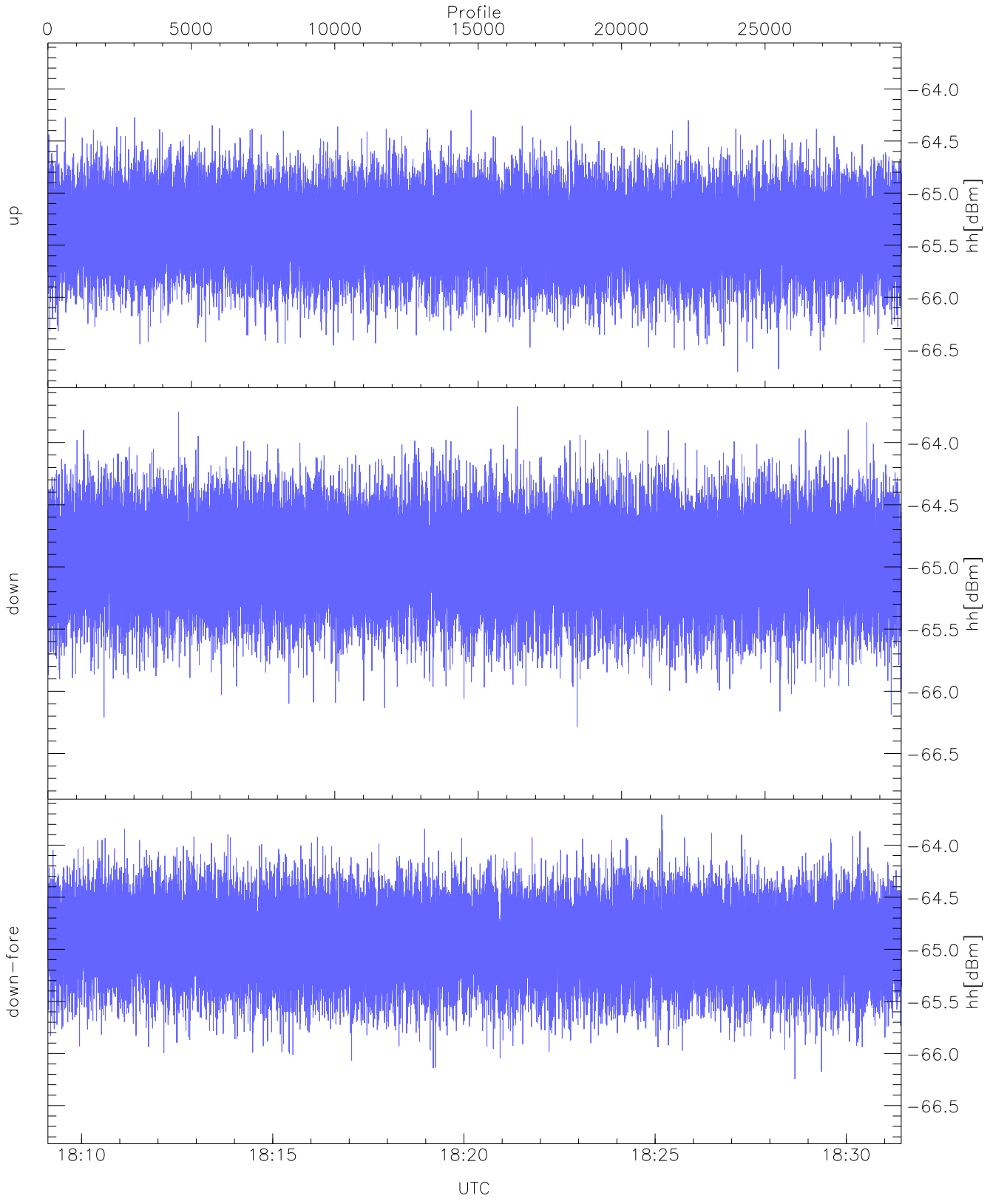
WCR3 CPP Averaged Received power for all recorded gates
blue: 180907-182017, 14875 profiles averaged
red: 182017-183126, 14874 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 180907-182017, 14875 profiles averaged
red: 182017-183126, 14874 profiles averaged

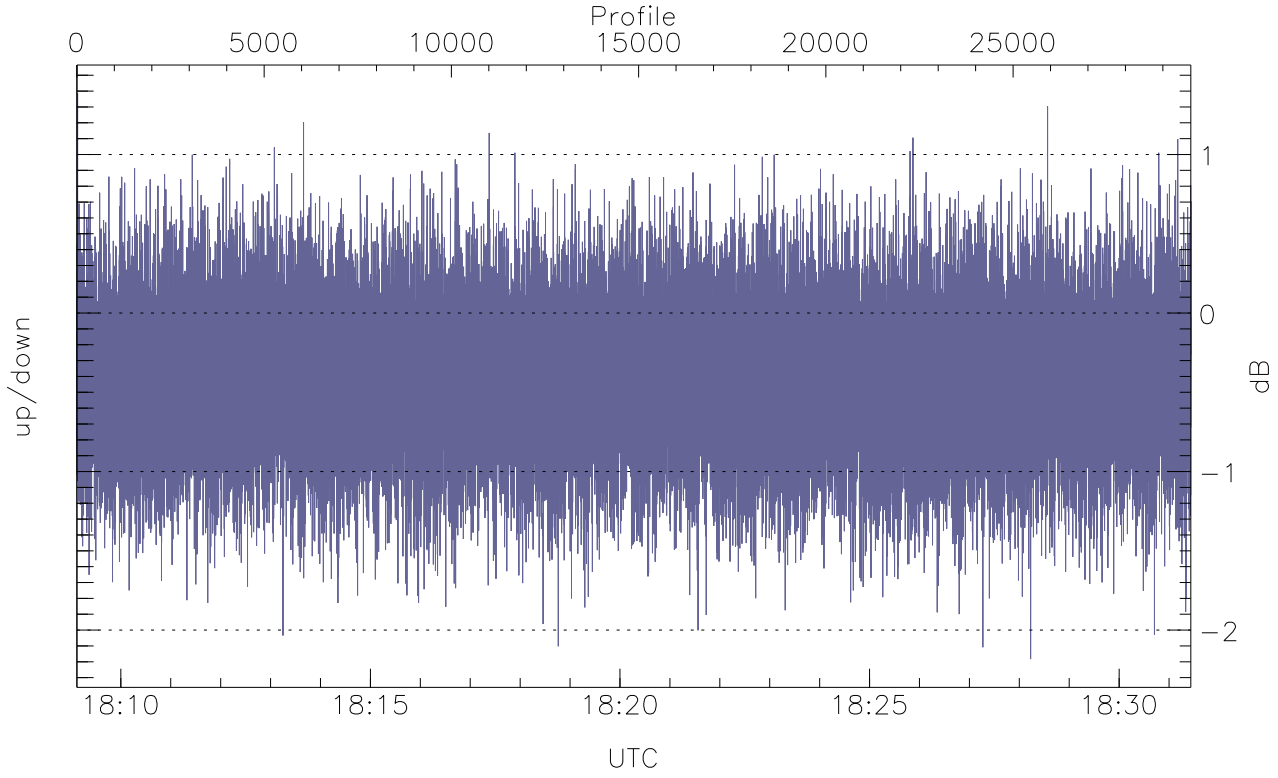


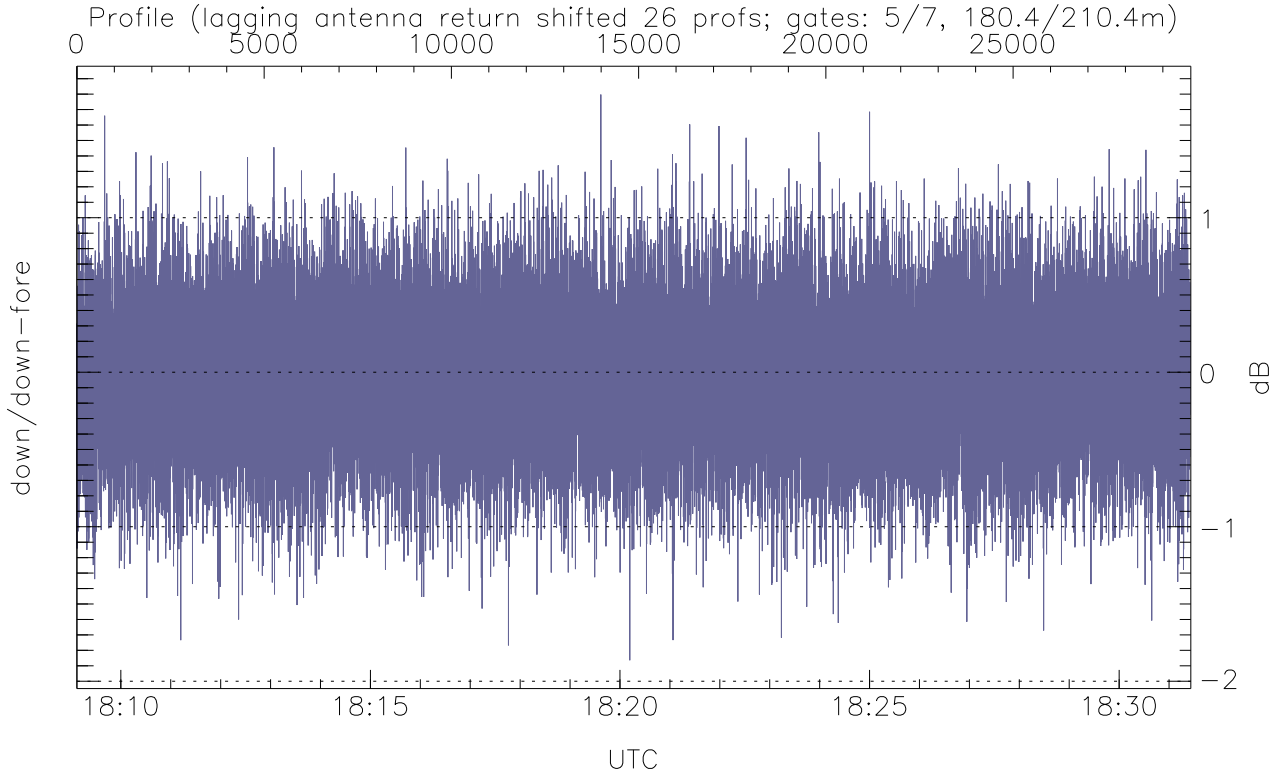
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

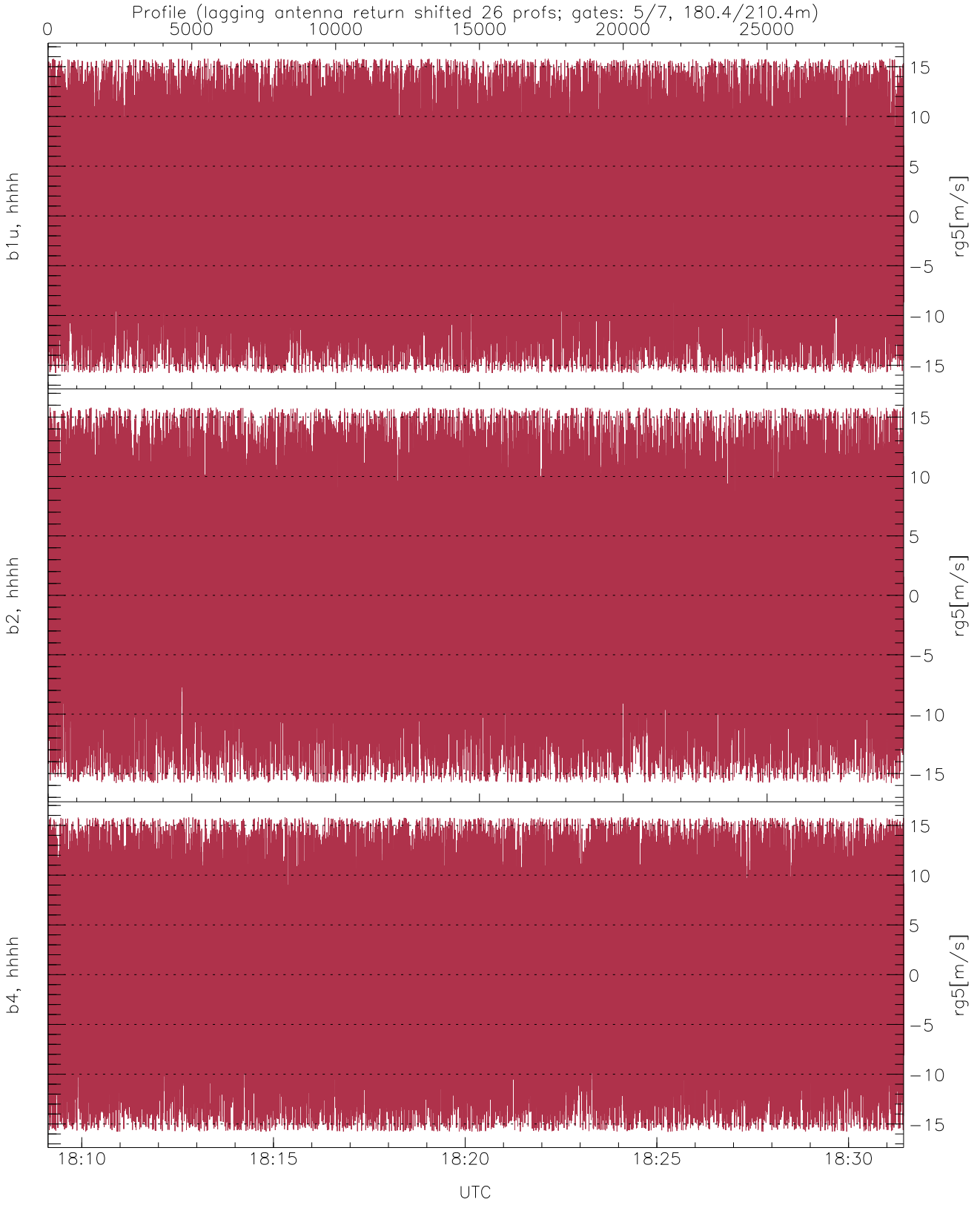
	Min	Max	Mean
up(hh[dBm])	-66.72	-64.21	-65.36
down(hh[dBm])	-66.29	-63.71	-64.94
down-fore(hh[dBm])	-66.25	-63.71	-64.92





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

	Min	Max	Mean
up/down(dB)	-2.18	1.39	-0.42
down/down-fore(dB)	-1.86	1.80	-0.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.02	8.60
b2, hhhh(rg5[m/s])	-15.79	15.79	0.03	8.22
b4, hhhh(rg5[m/s])	-15.79	15.79	0.08	8.73