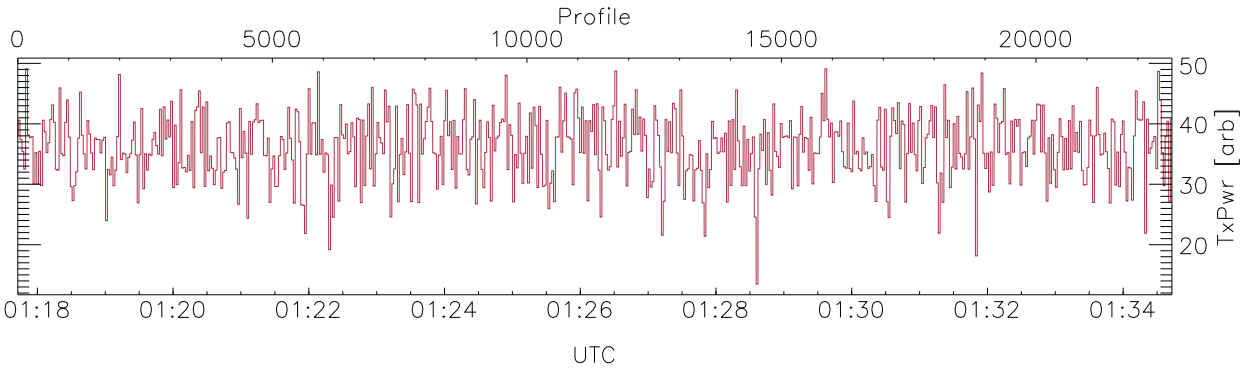
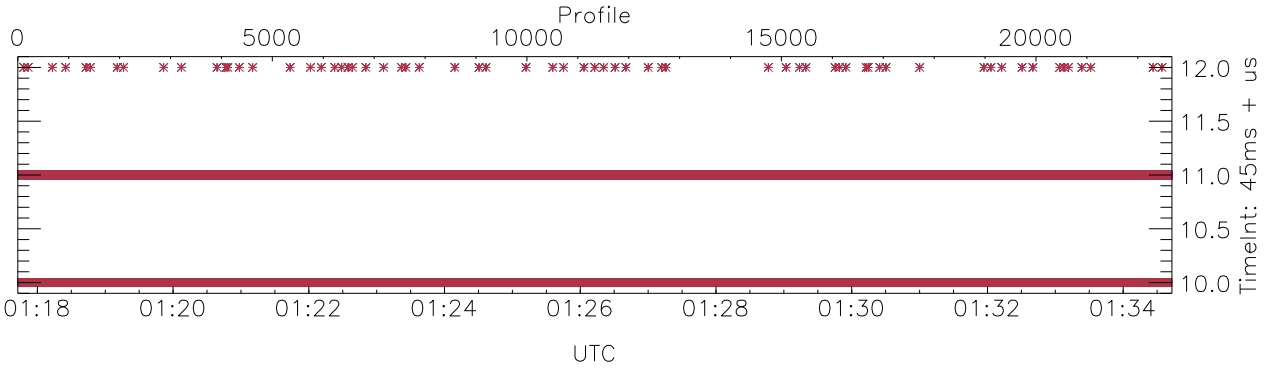
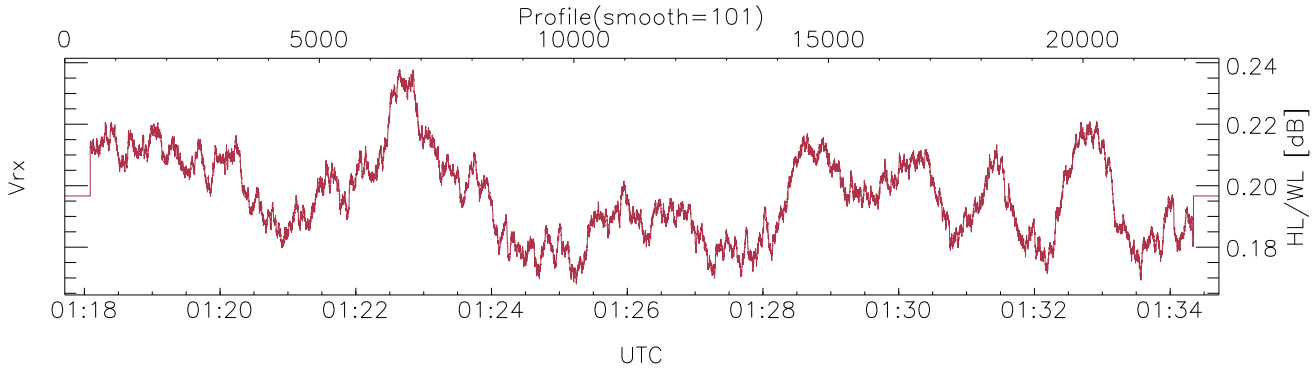
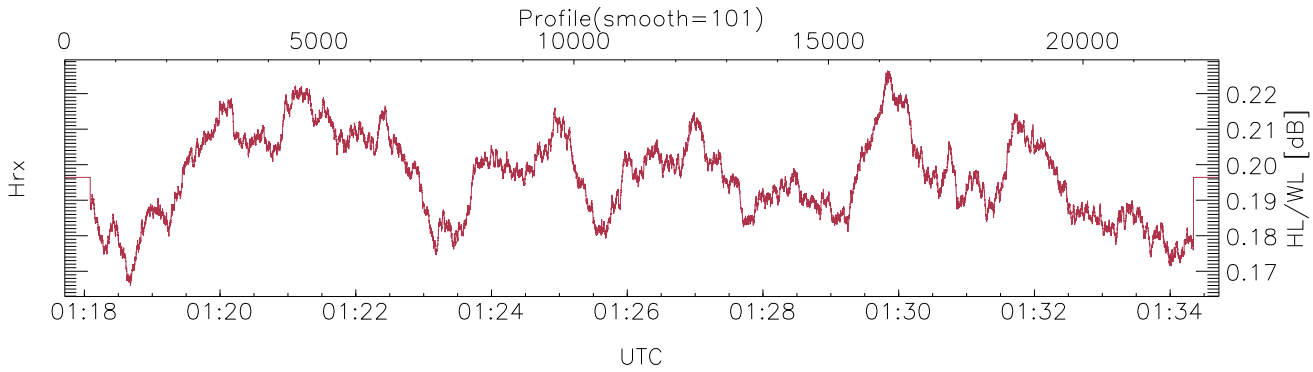


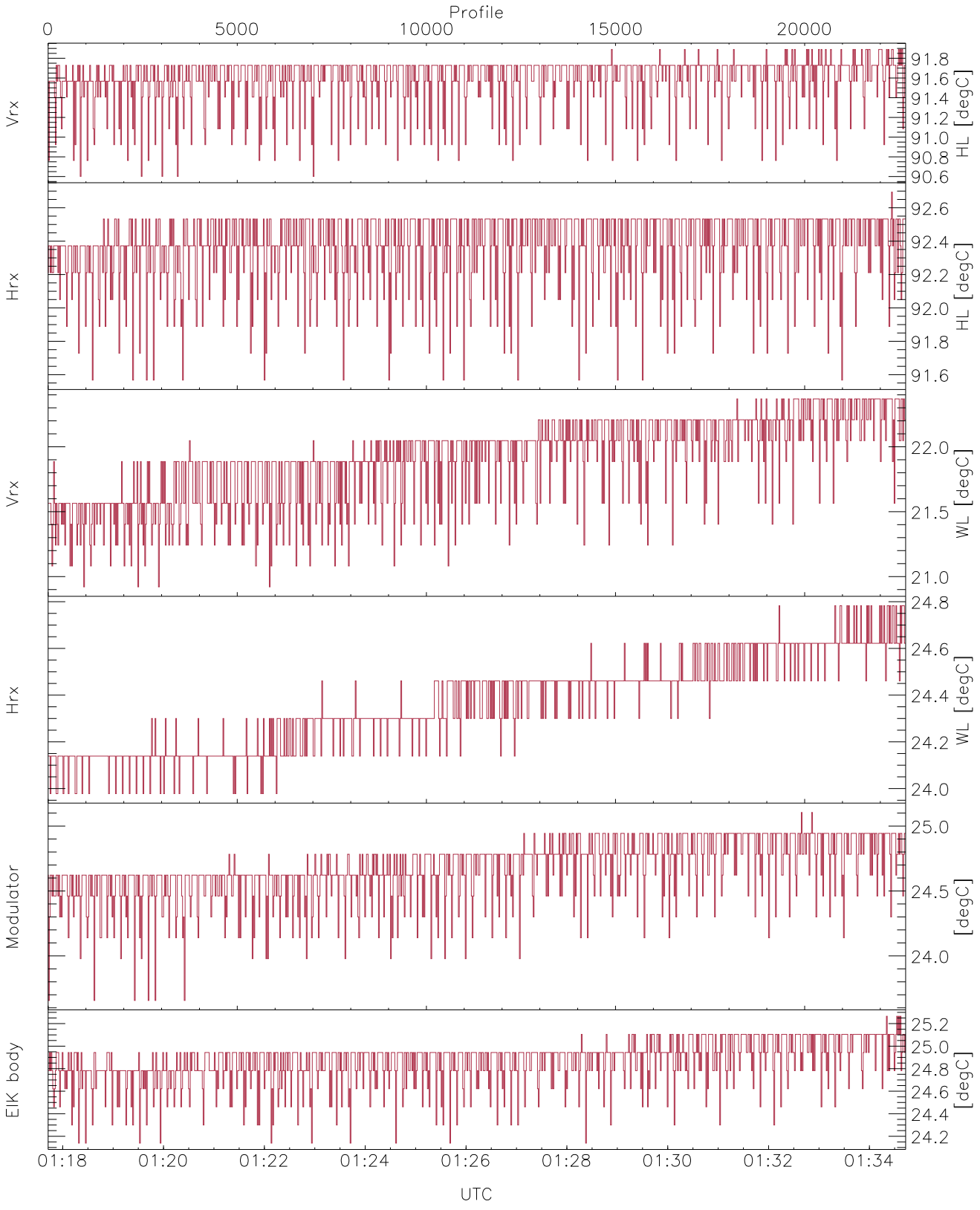






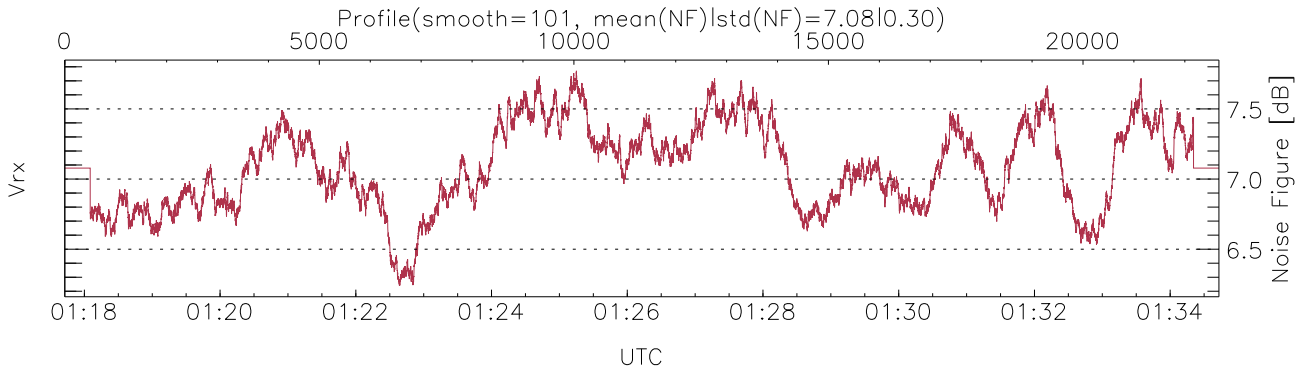
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

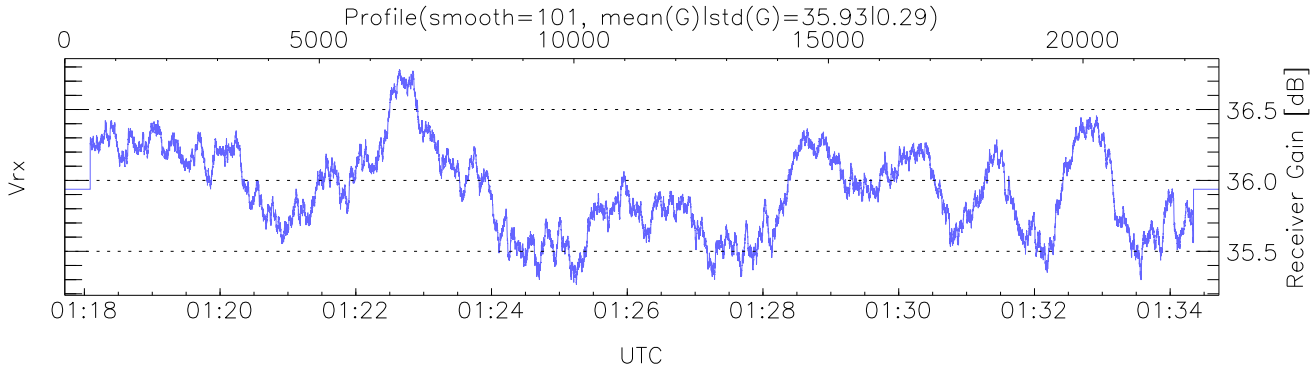
UTC: 01:17:43-01:34:43, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/01:17:43-01:34:43
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

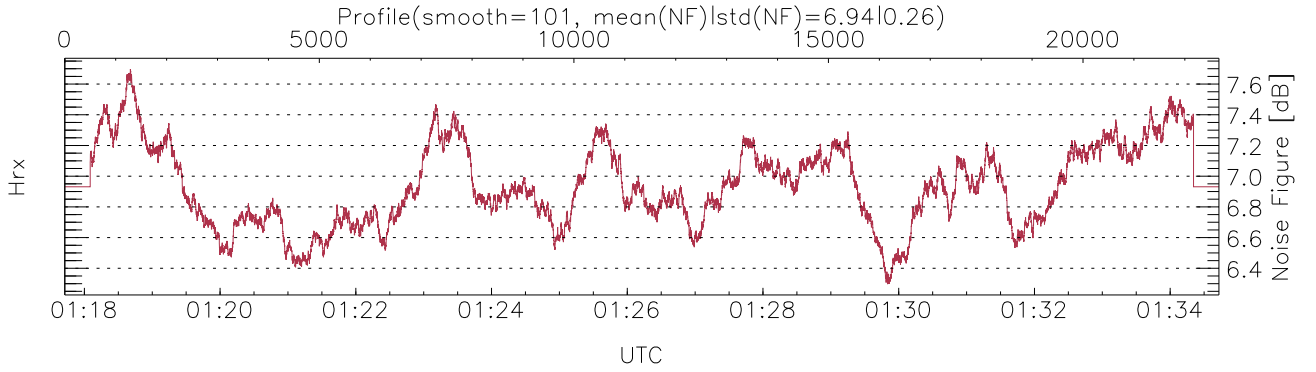


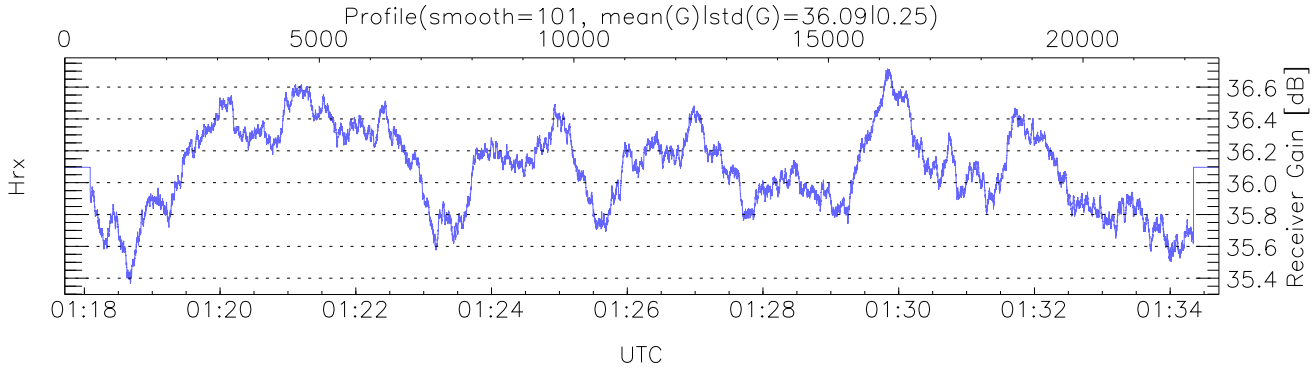
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,25,25
LOalarm(20,240,2817,14861 MHz): 0,0,68,0
EIK Faults(# prof affected):
BodyCurr,DeckF (22,22)



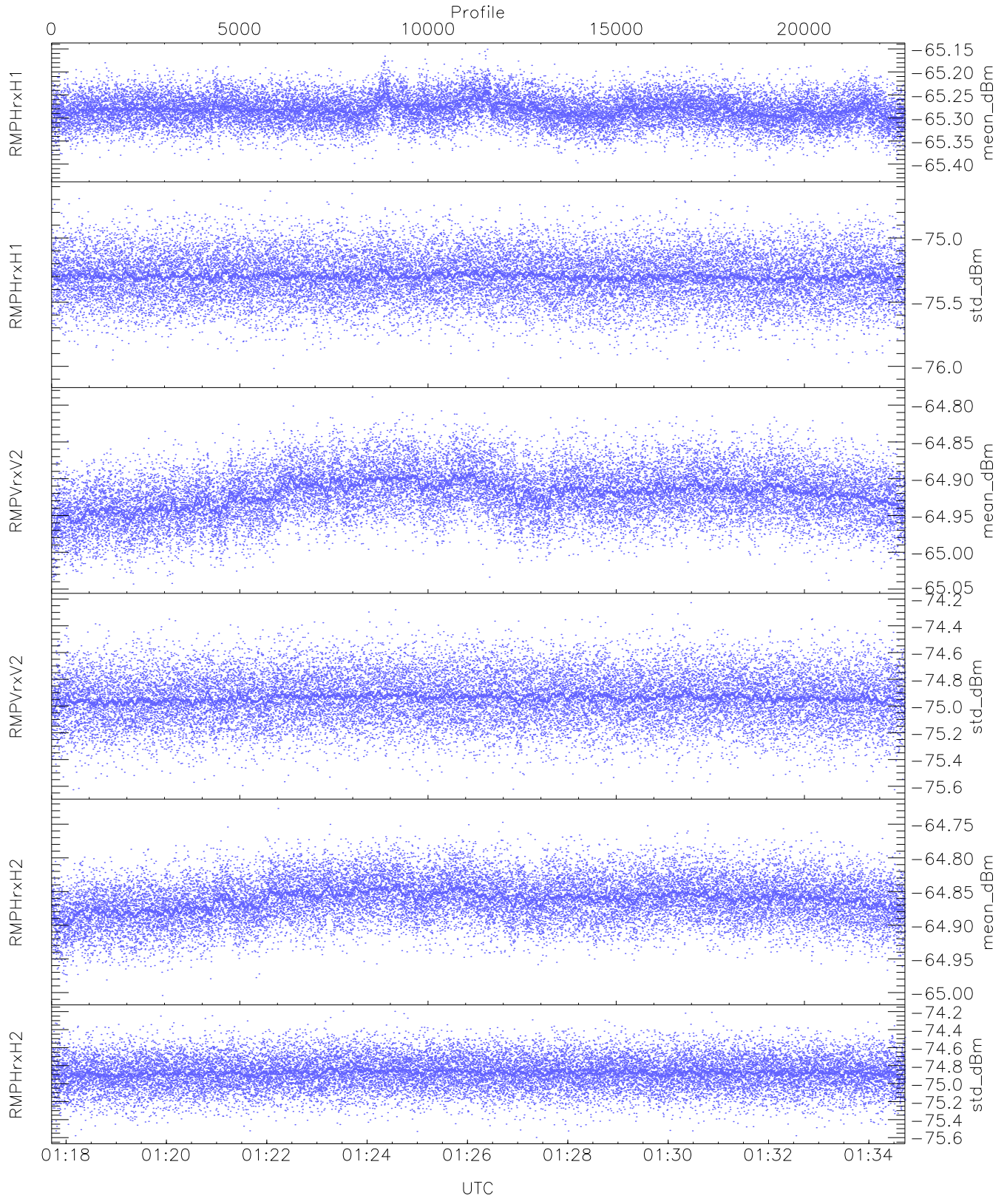






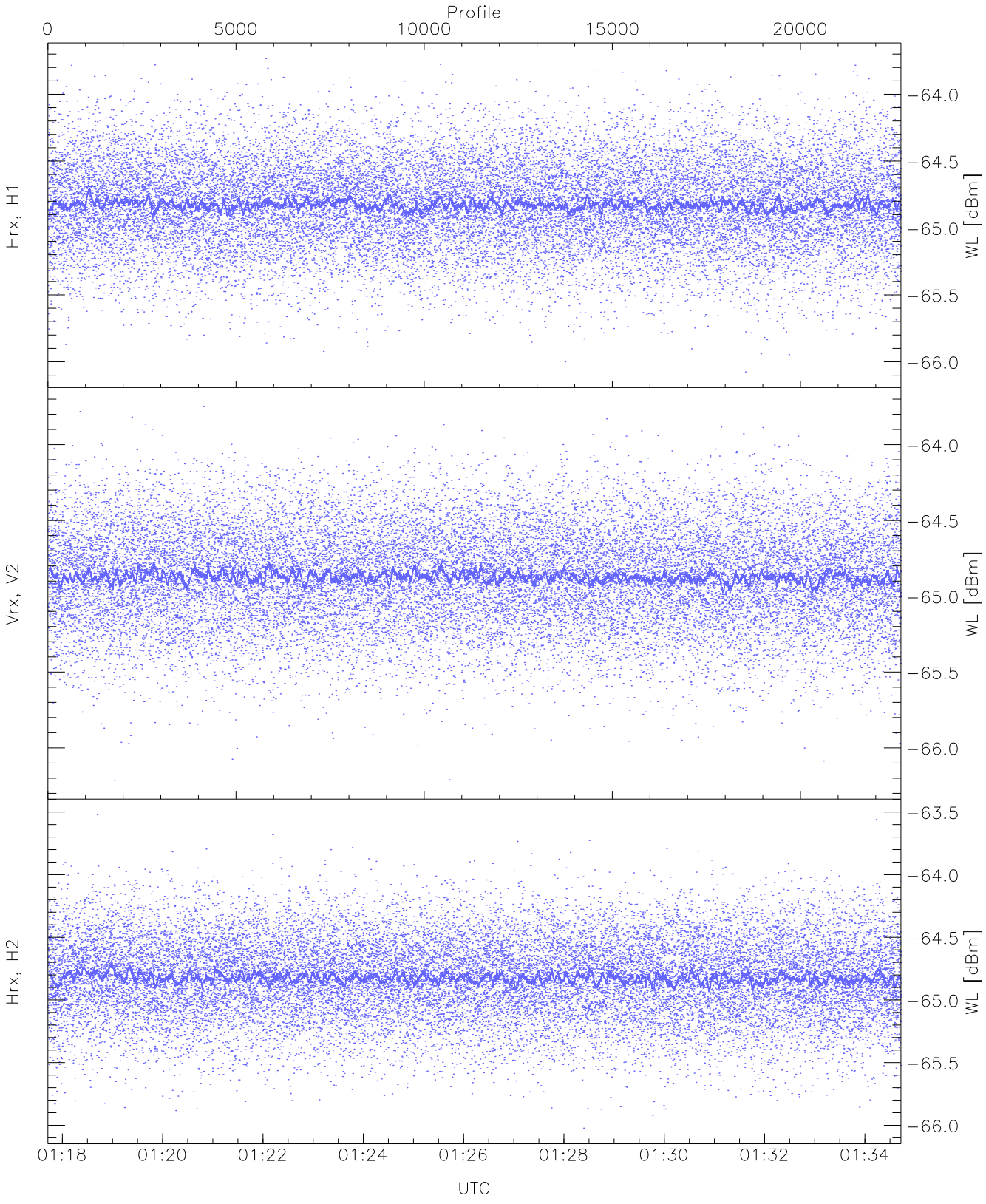
WCR3 CPP Receivers Gain and Noise Figure

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



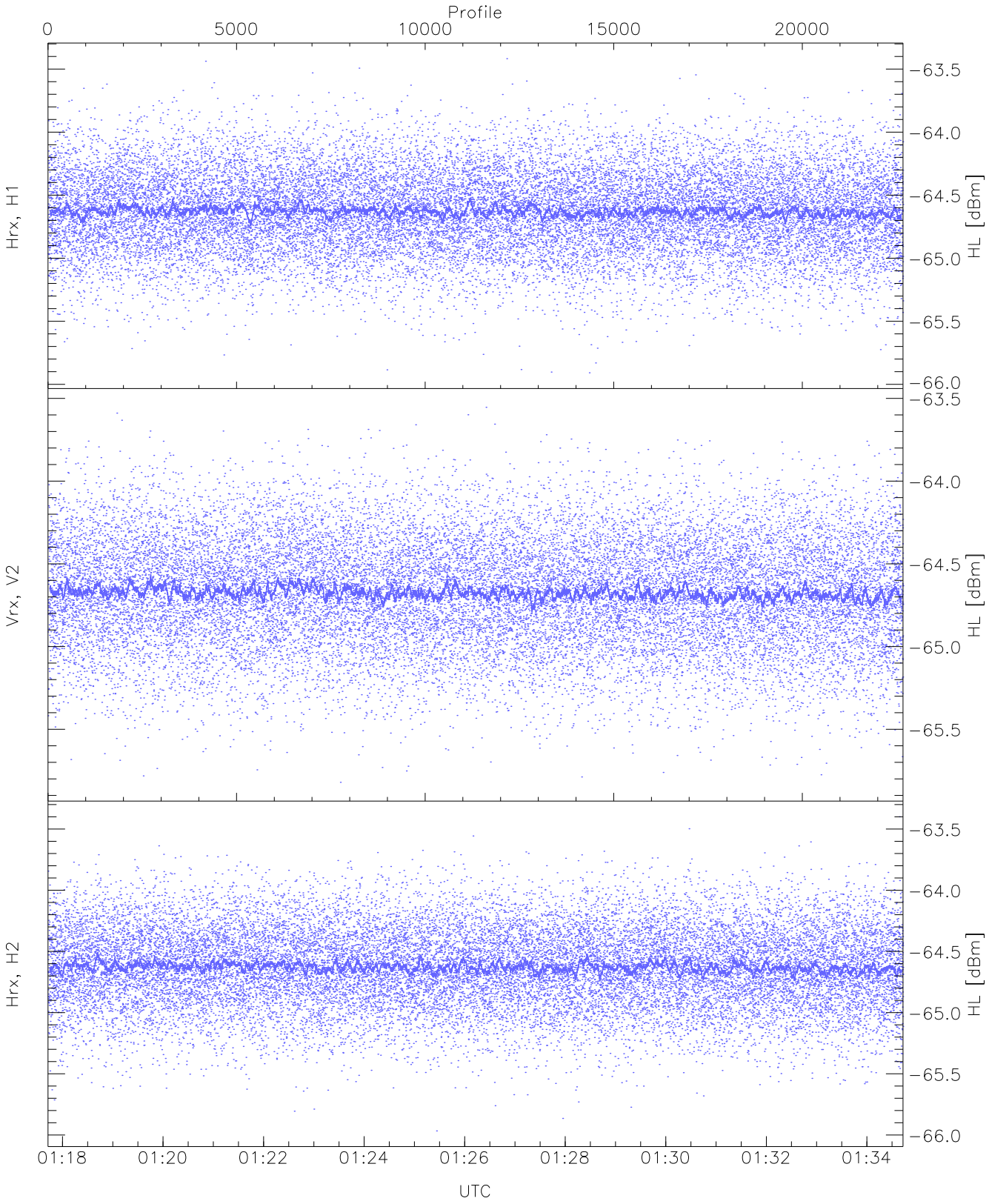
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.15	-65.28	-65.28	-86.65
RMPHrxH1(std_dBm)	-76.09	-74.63	-75.30	-75.30	-89.10
RMPVrxV2(mean_dBm)	-65.04	-64.79	-64.92	-64.92	-86.02
RMPVrxV2(std_dBm)	-75.63	-74.23	-74.94	-74.94	-88.72
RMPHrxH2(mean_dBm)	-65.00	-64.73	-64.86	-64.86	-86.16
RMPHrxH2(std_dBm)	-75.60	-74.20	-74.88	-74.88	-88.68



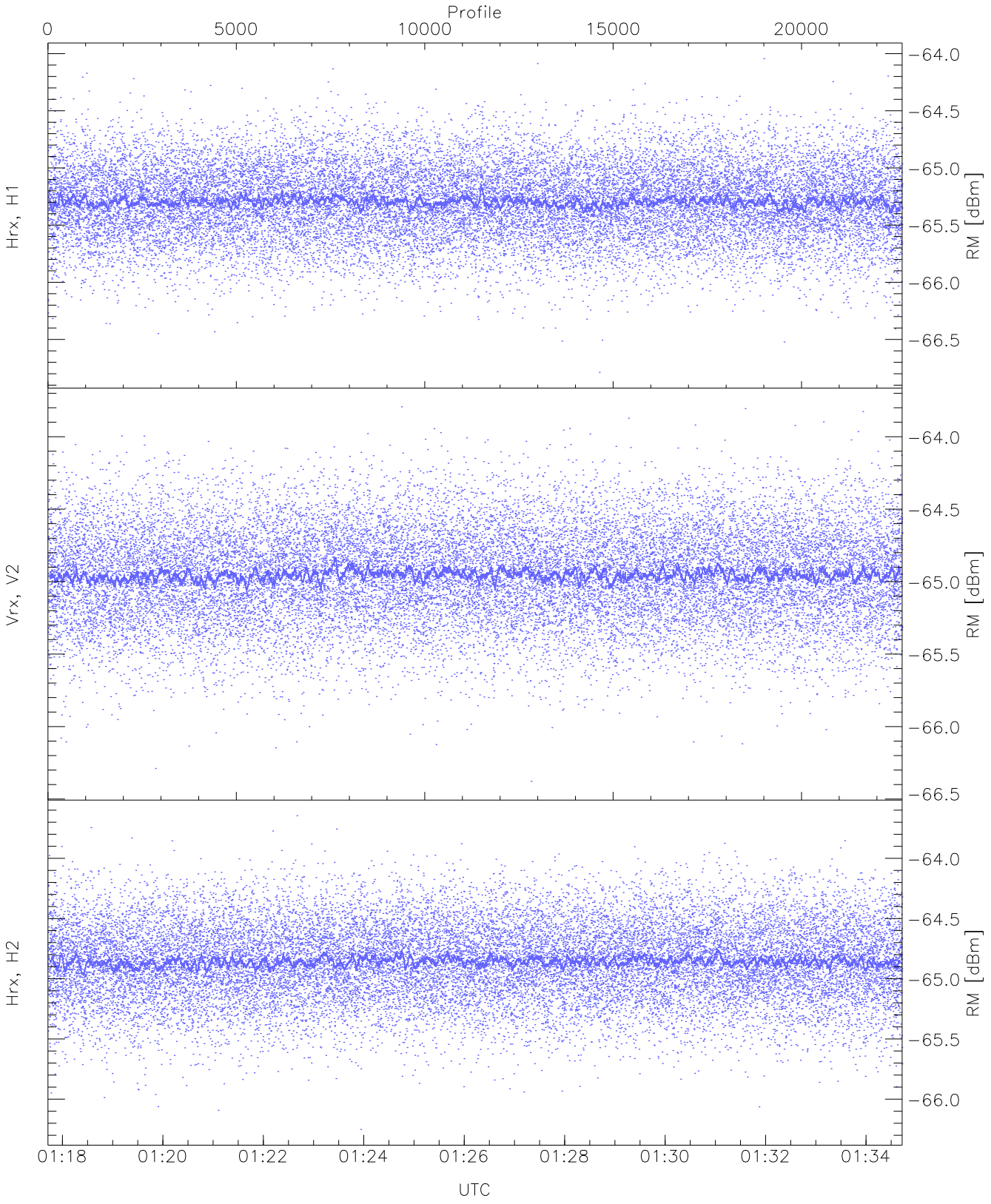
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.08	-63.73	-64.82	-64.83	-76.30
Vrx, V2(WL [dBm])	-66.21	-63.75	-64.86	-64.87	-76.39
Hrx, H2(WL [dBm])	-66.02	-63.52	-64.82	-64.82	-76.33



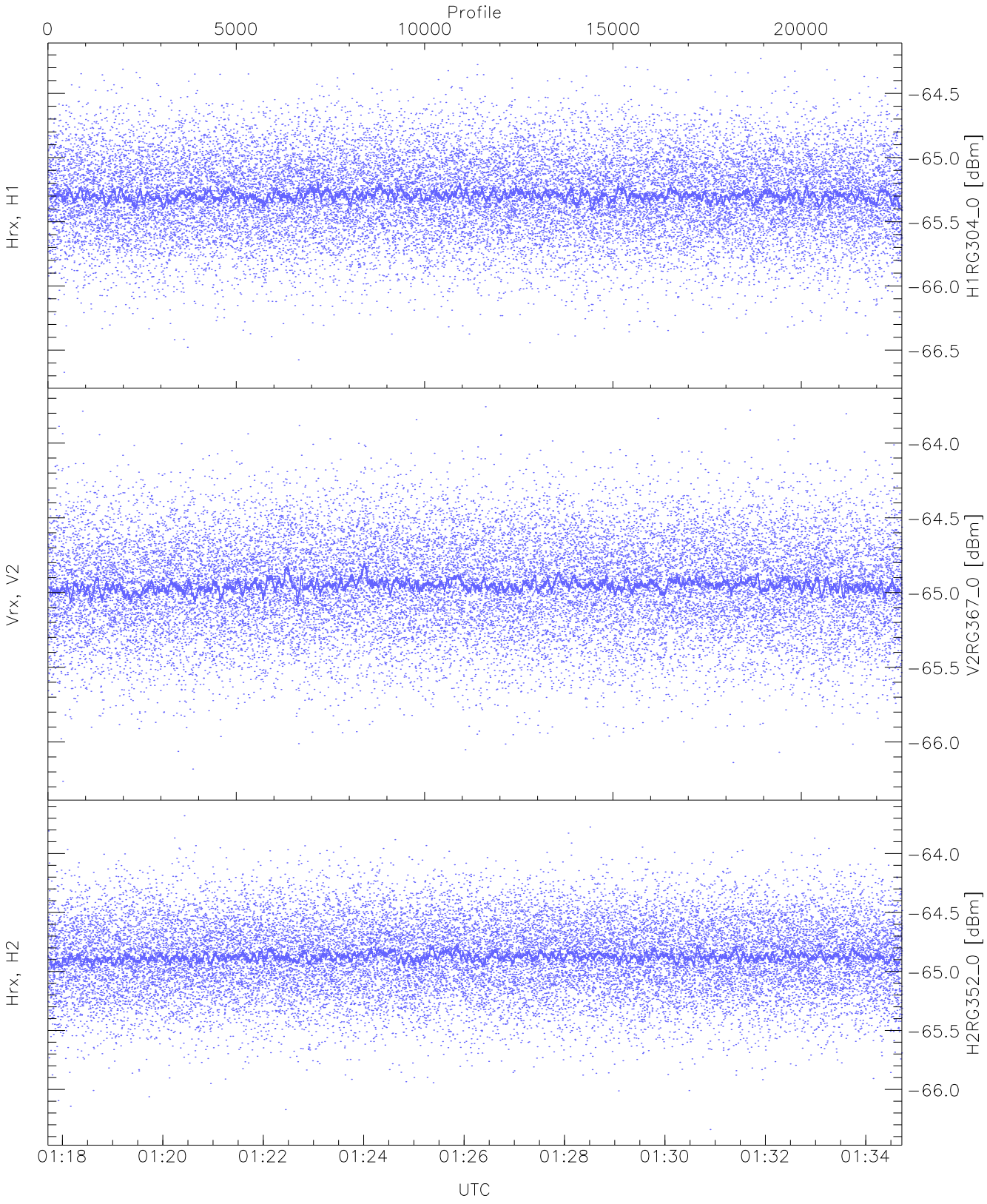
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.91	-63.42	-64.62	-64.63	-76.13
Vrx, V2(HL [dBm])	-65.82	-63.55	-64.67	-64.67	-76.16
Hrx, H2(HL [dBm])	-65.97	-63.40	-64.62	-64.63	-76.12



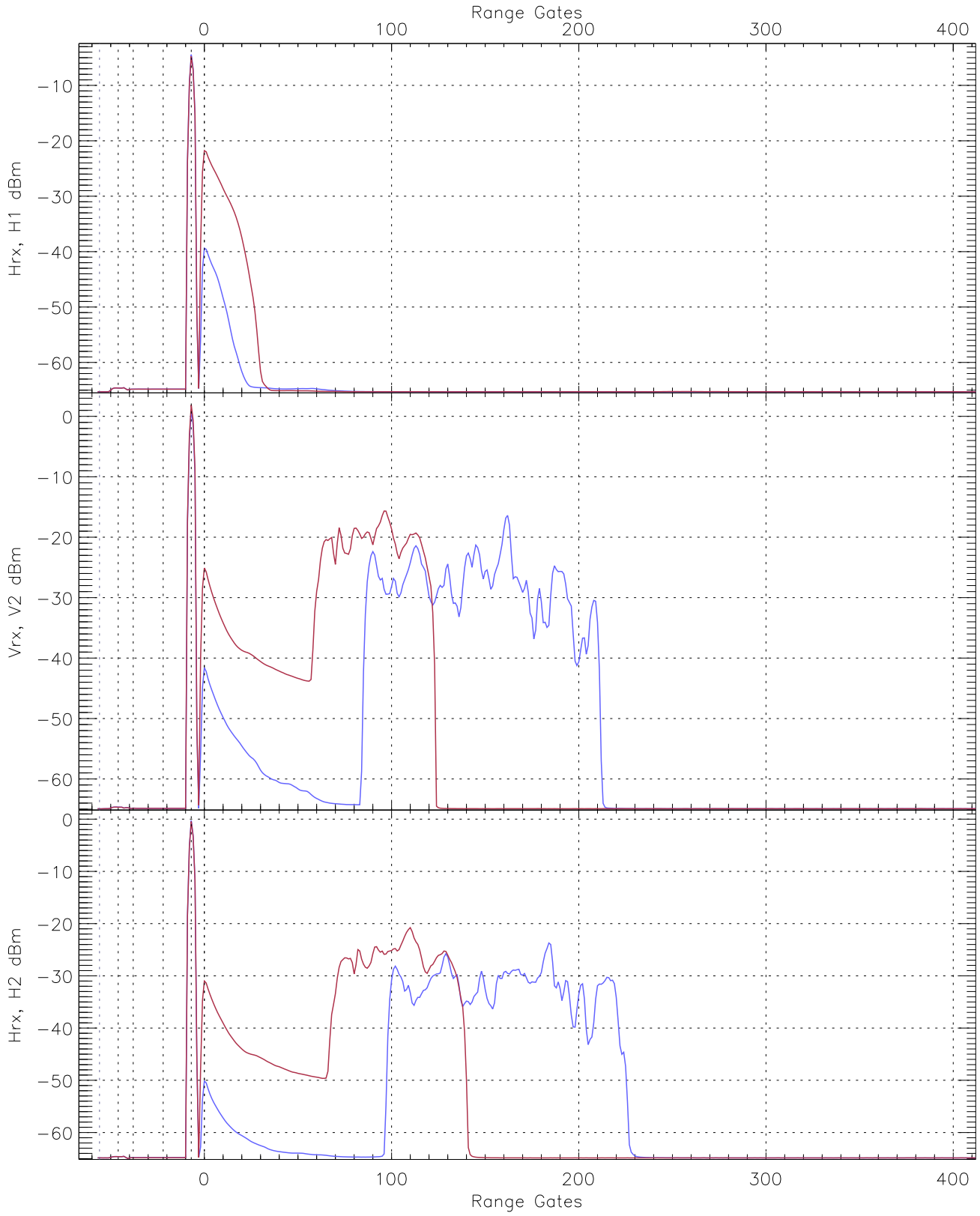
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.79	-64.04	-65.29	-65.29	-76.79
Vrx, V2(RM [dBm])	-66.38	-63.79	-64.95	-64.95	-76.45
Hrx, H2(RM [dBm])	-66.25	-63.65	-64.85	-64.86	-76.36

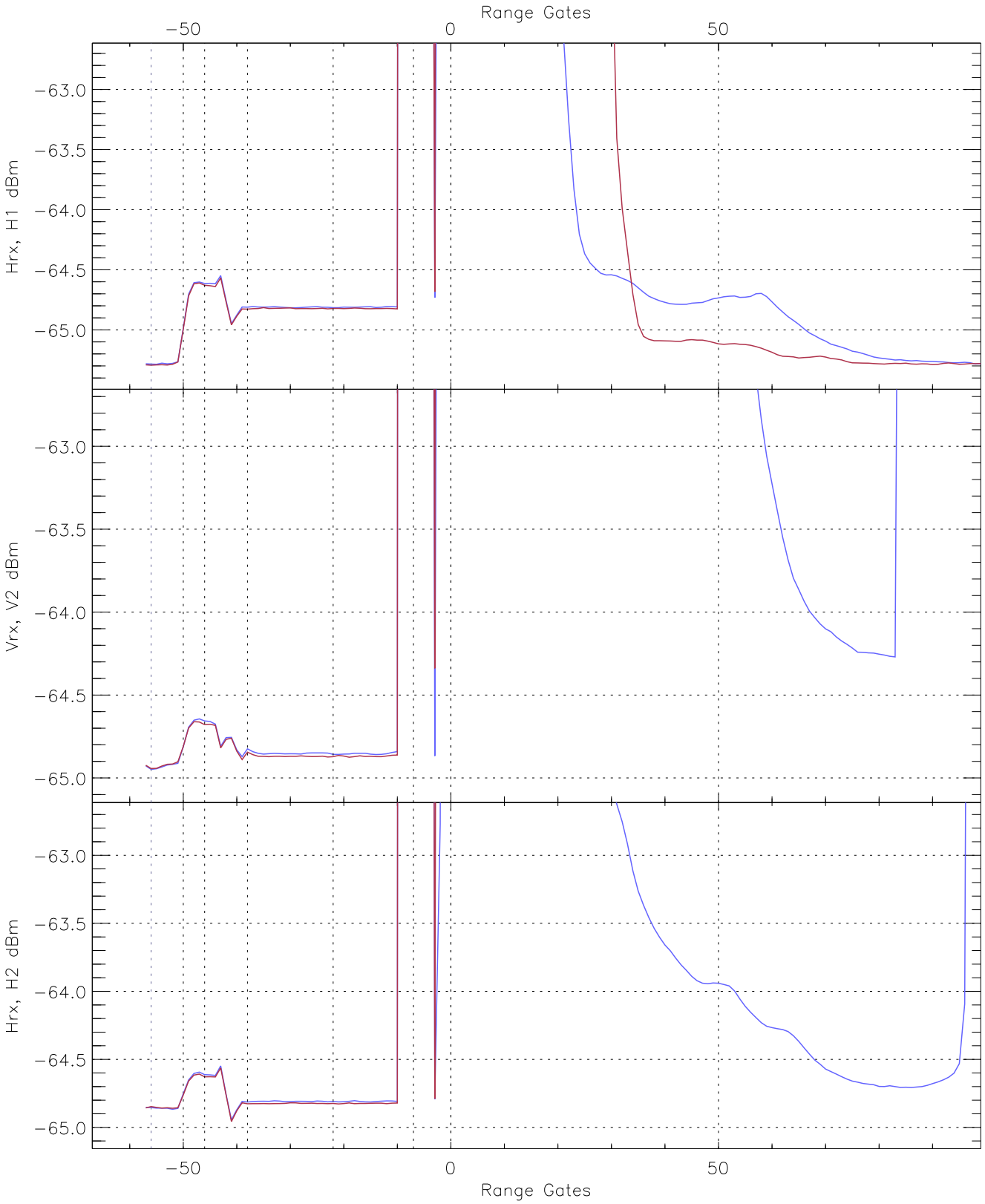


WCR3 CPP "Best" estimate Receivers Noise Power

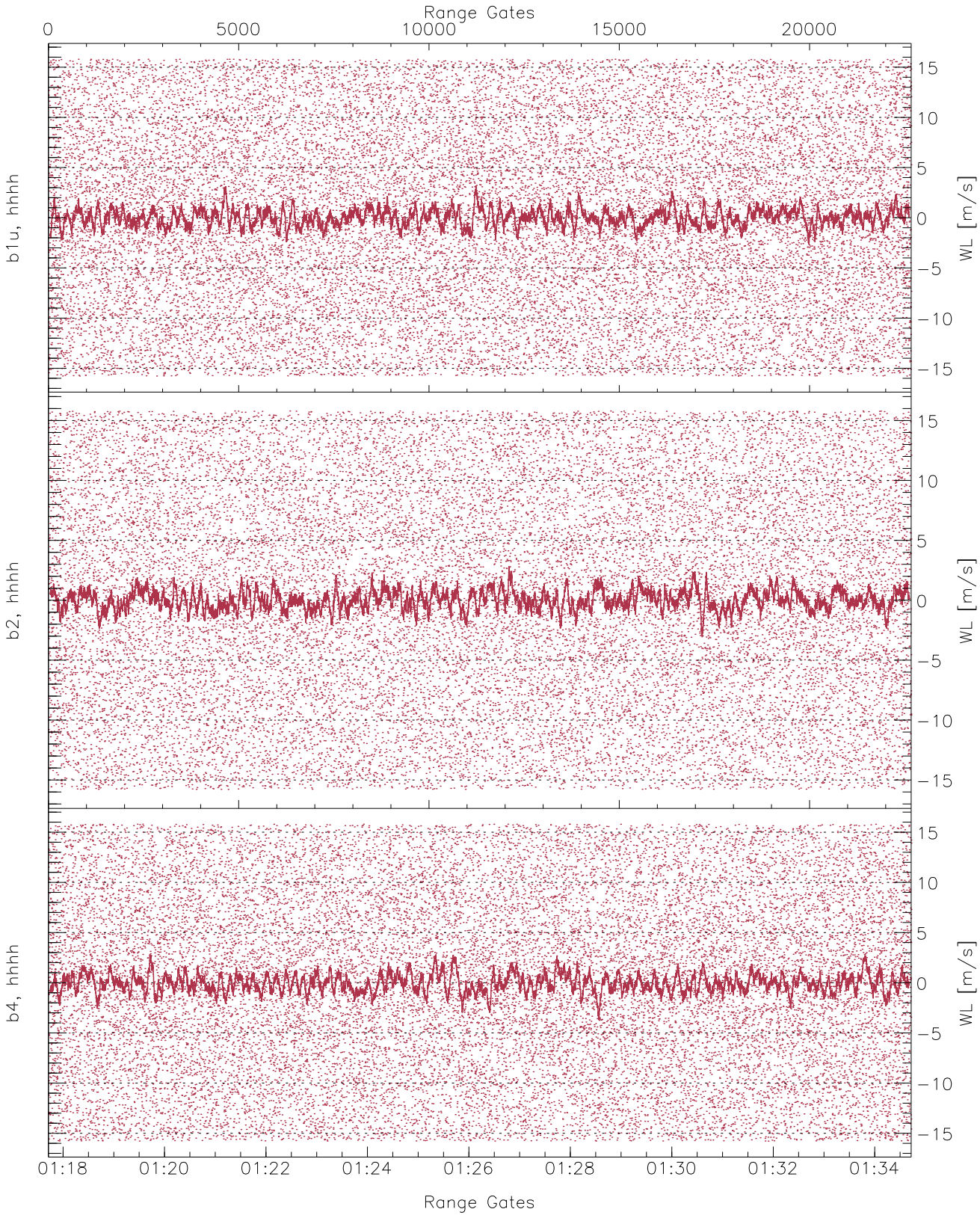
	Min	Max	Mean	Median	StDev
H1RG304_0 [dBm]	-66.67	-64.23	-65.29	-65.30	-76.80
V2RG367_0 [dBm]	-66.26	-63.76	-64.95	-64.95	-76.44
H2RG352_0 [dBm]	-66.34	-63.68	-64.87	-64.87	-76.38



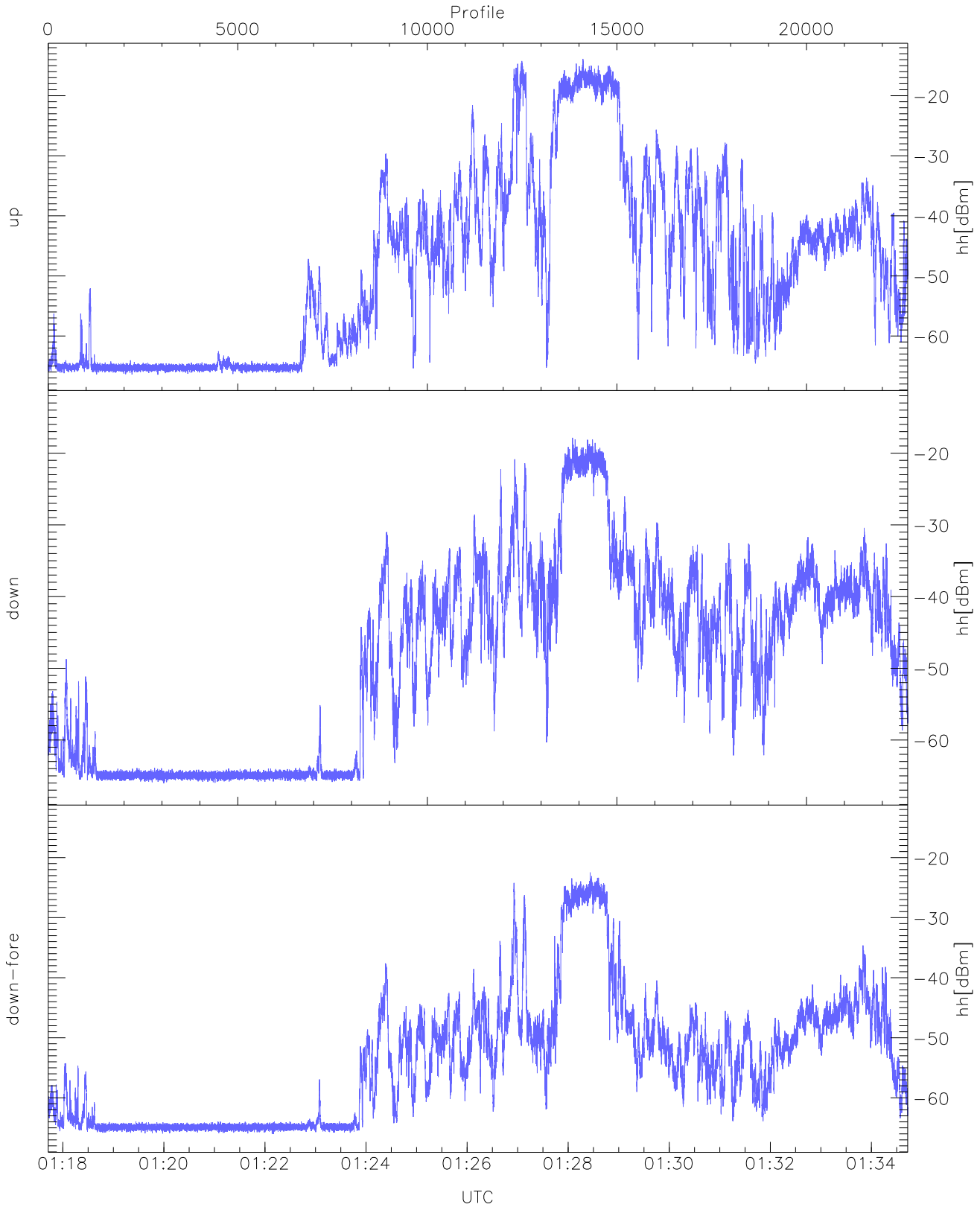
WCR3 CPP Averaged Received power for all recorded gates
blue: 011743-012613, 11337 profiles averaged
red: 012613-013443, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 011743-012613, 11337 profiles averaged
red: 012613-013443, 11336 profiles averaged

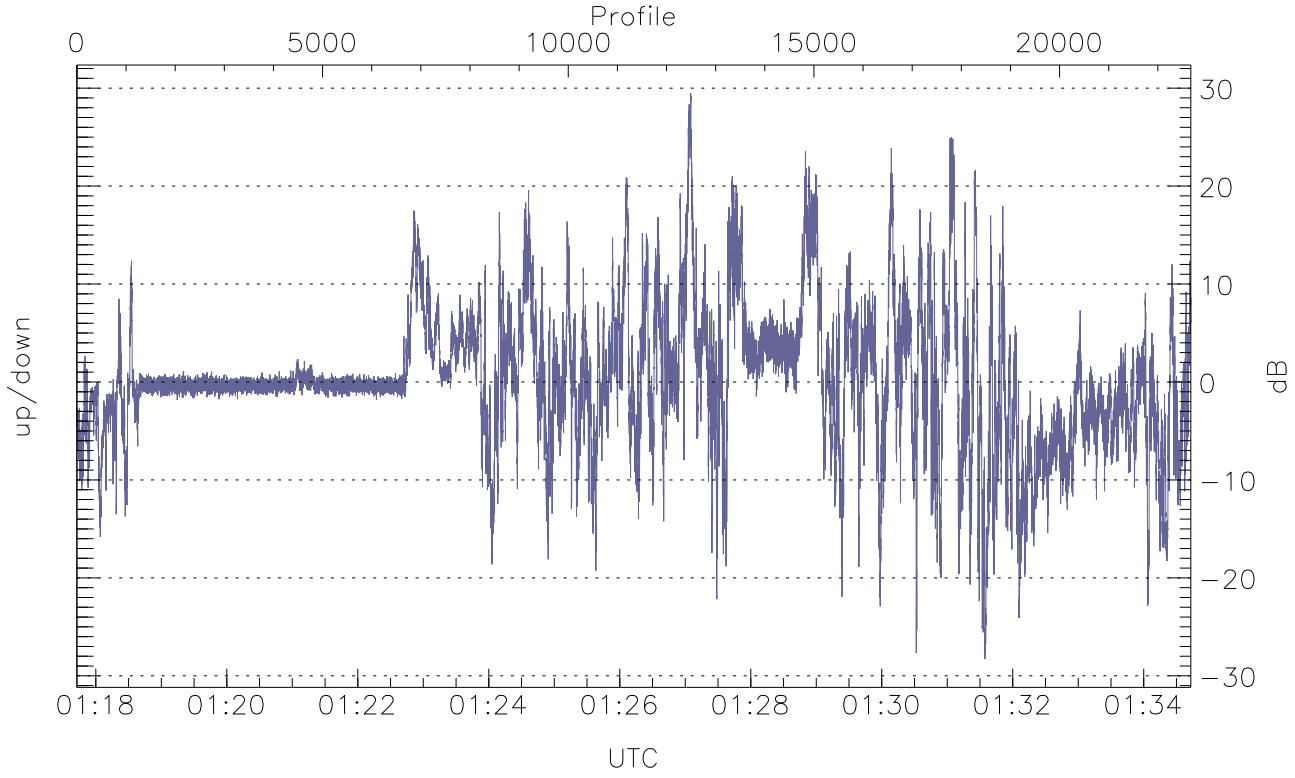


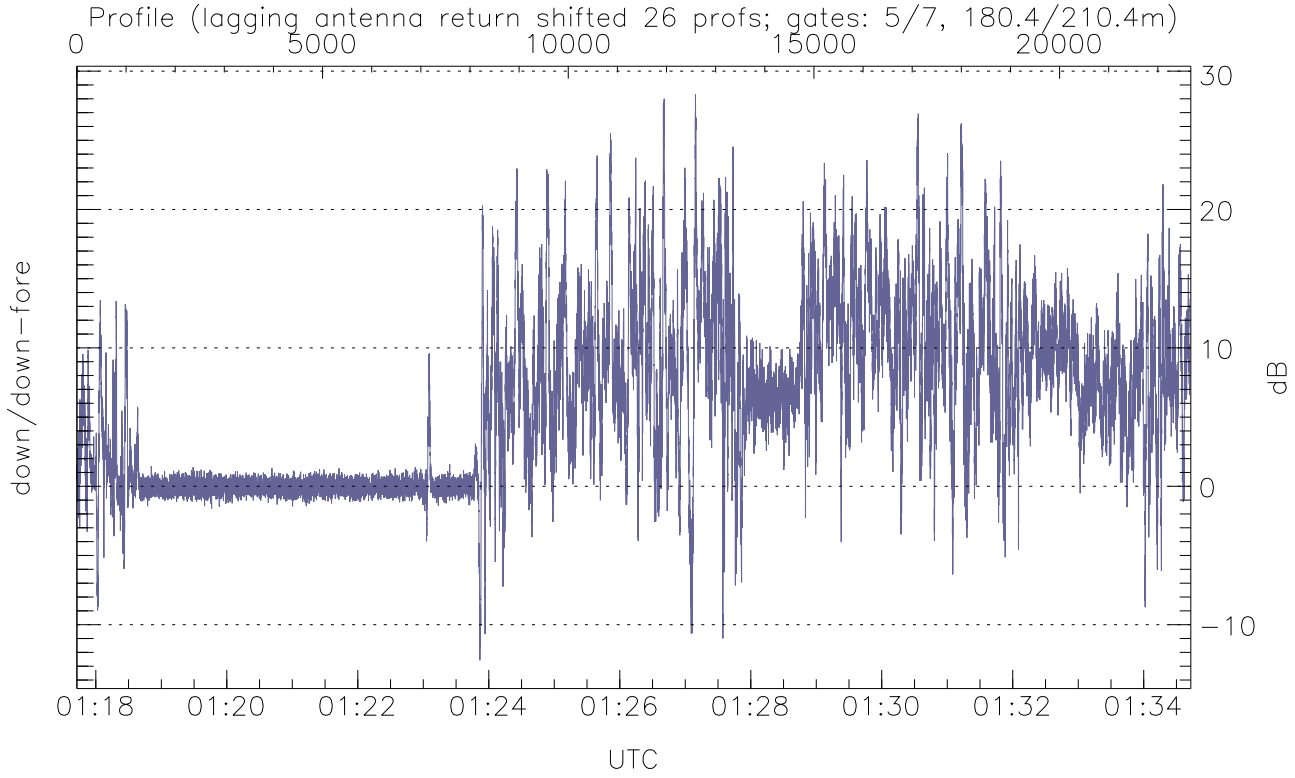
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

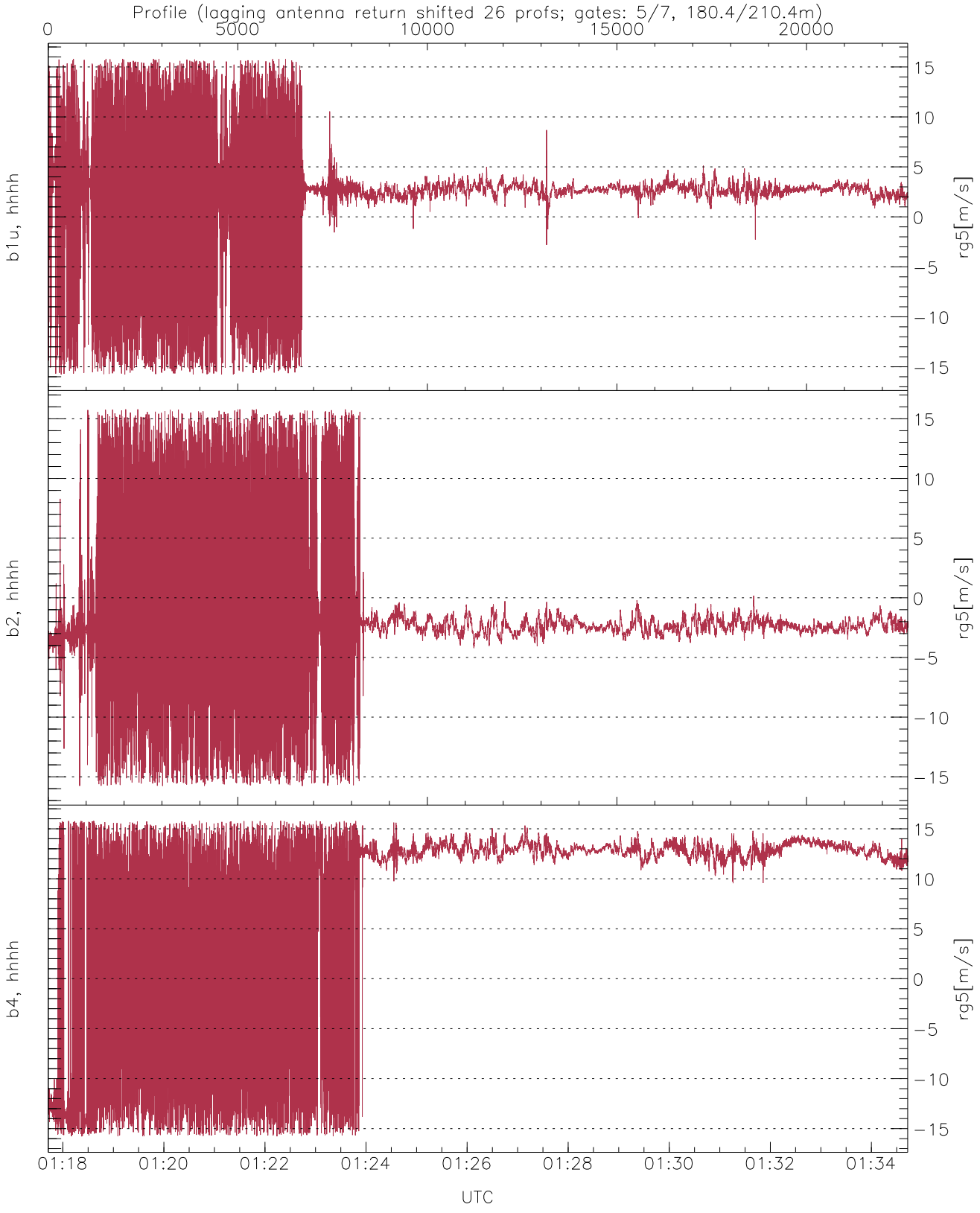
	Min	Max	Mean
up(hh[dBm])	-66.45	-13.89	-28.07
down(hh[dBm])	-66.04	-17.85	-33.01
down-fore(hh[dBm])	-66.04	-22.48	-38.32





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

	Min	Max	Mean
up/down(dB)	-28.29	29.47	0.20
down/down-fore(dB)	-12.57	28.31	5.94



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.06	4.46
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.68	4.74
b4, hhhh(rg5[m/s])	-15.78	15.79	7.76	8.92