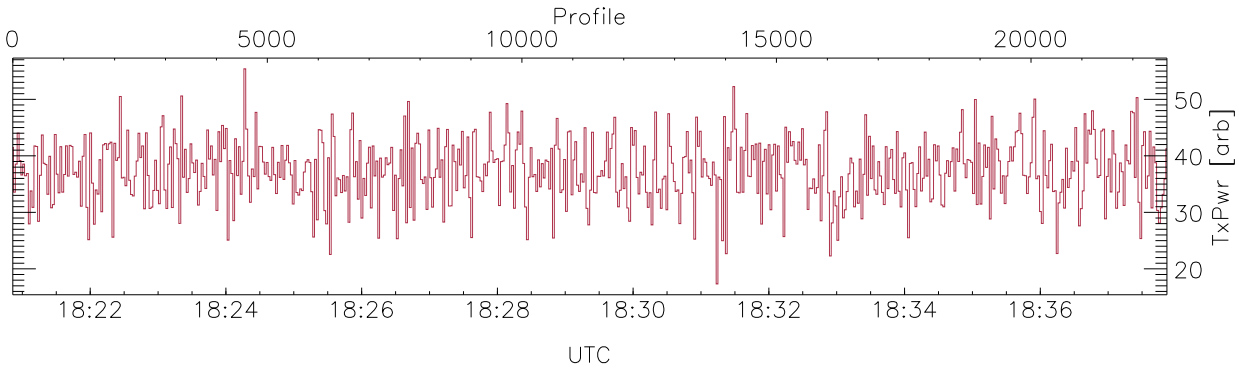
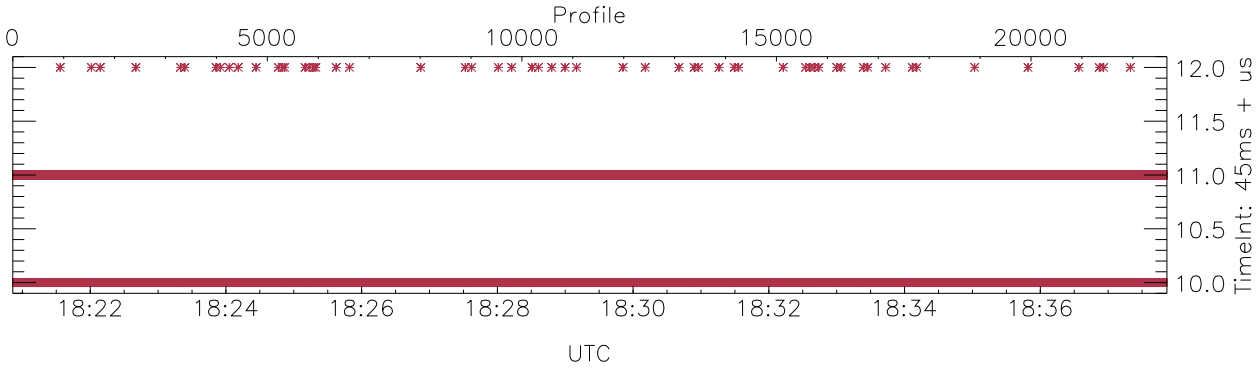
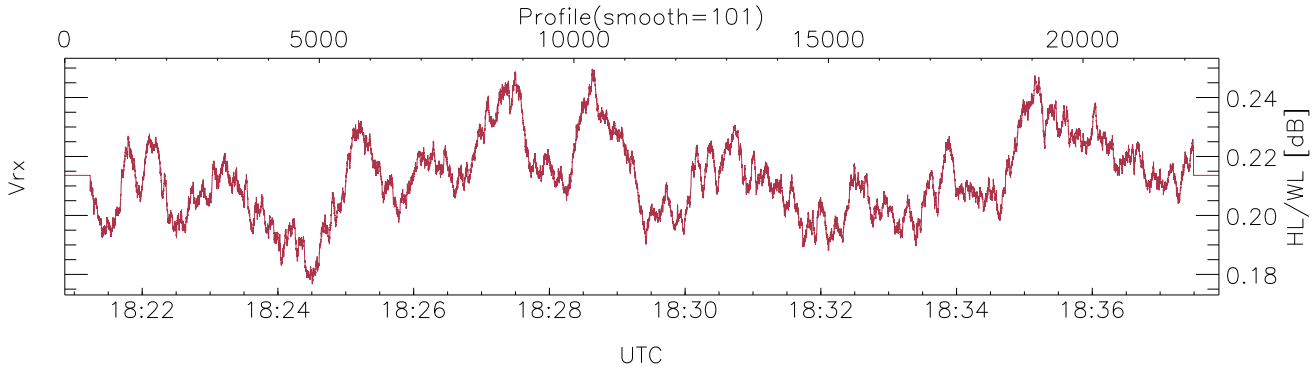
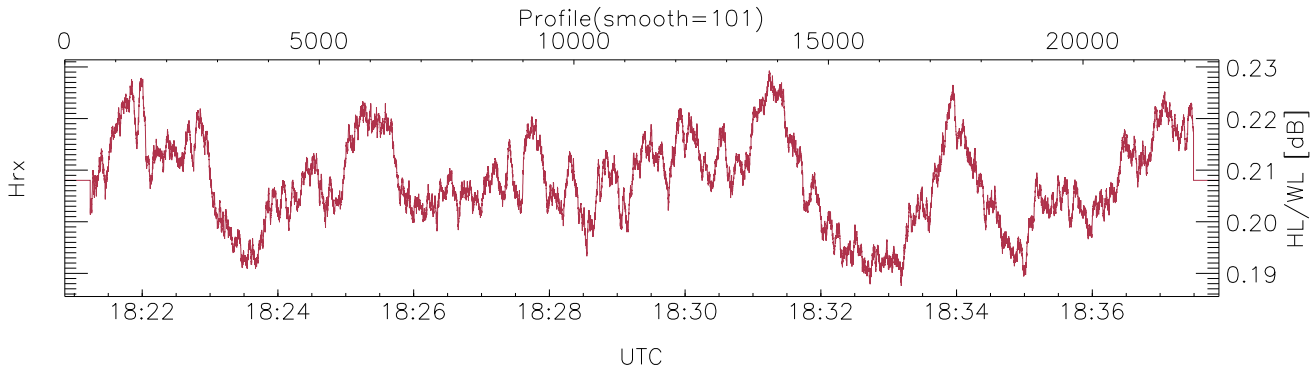


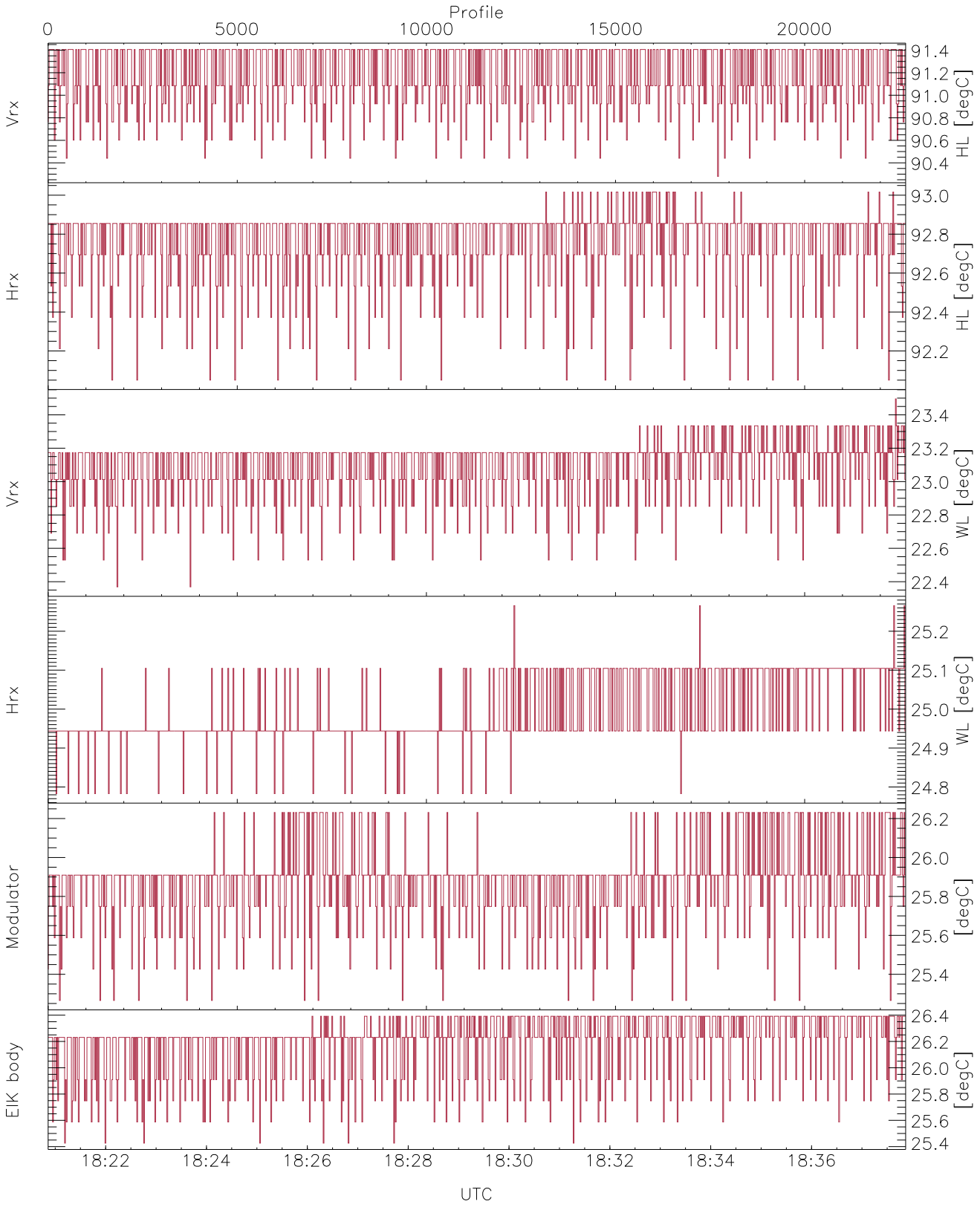






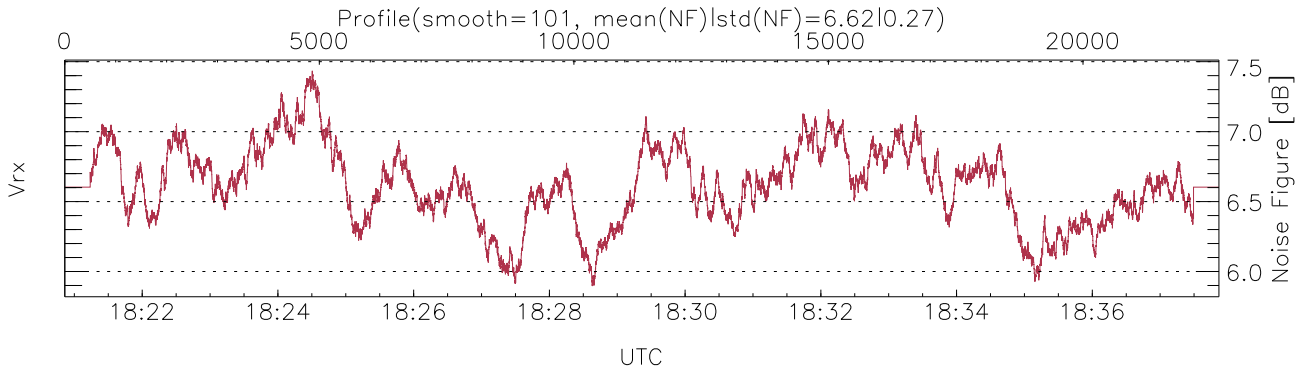
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

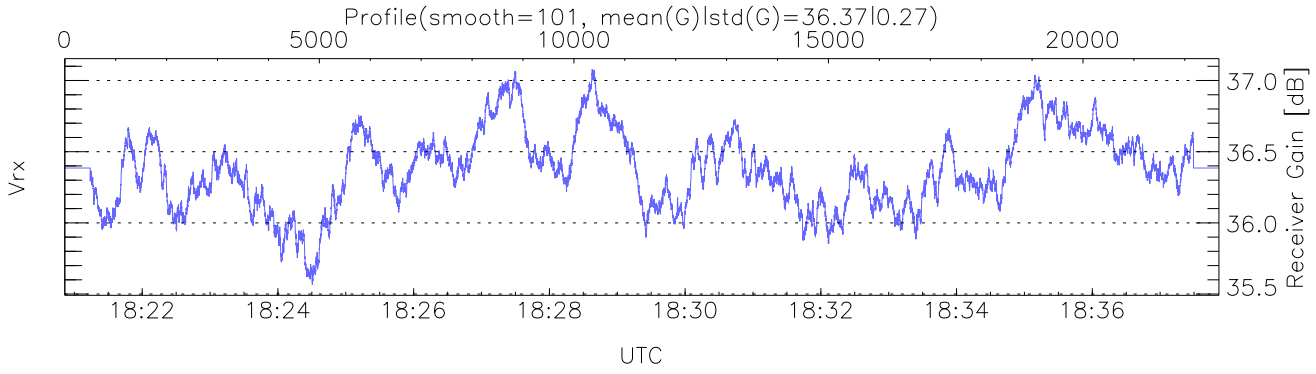
UTC: 18:20:52-18:37:52, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/18:20:52-18:37:52
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

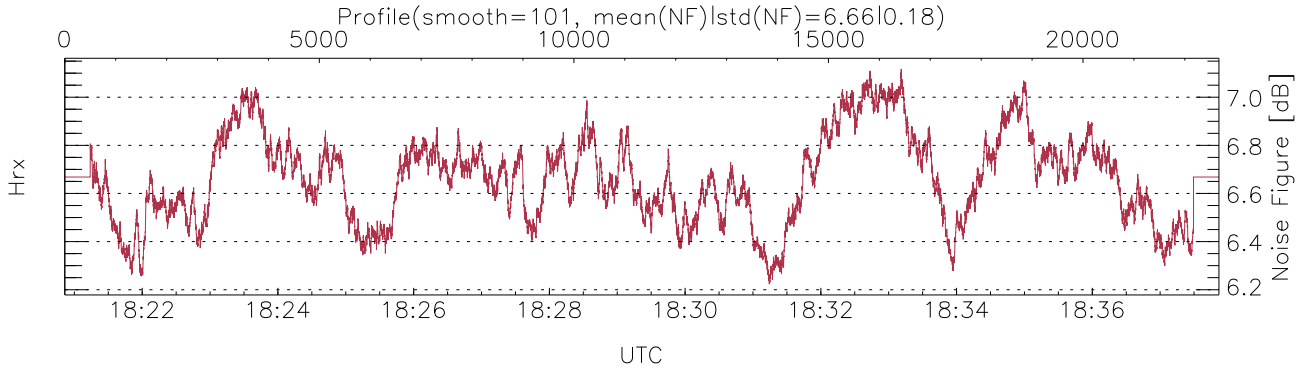


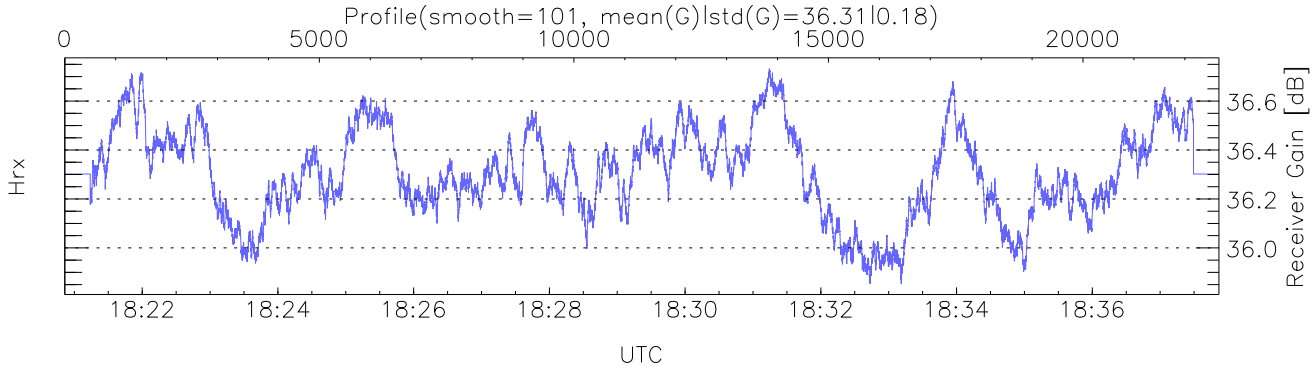
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,26,26
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK/Modulator Faults: None



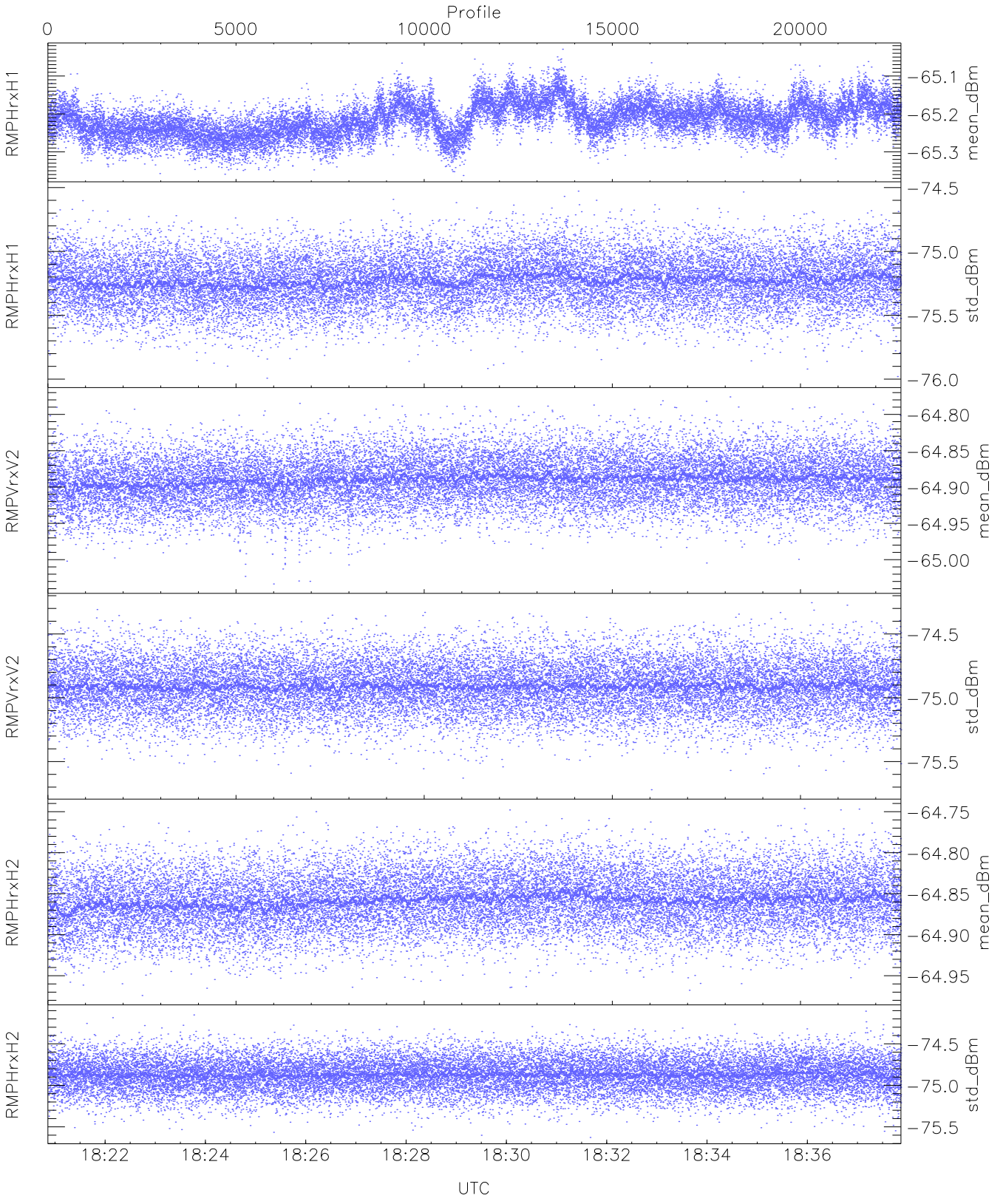






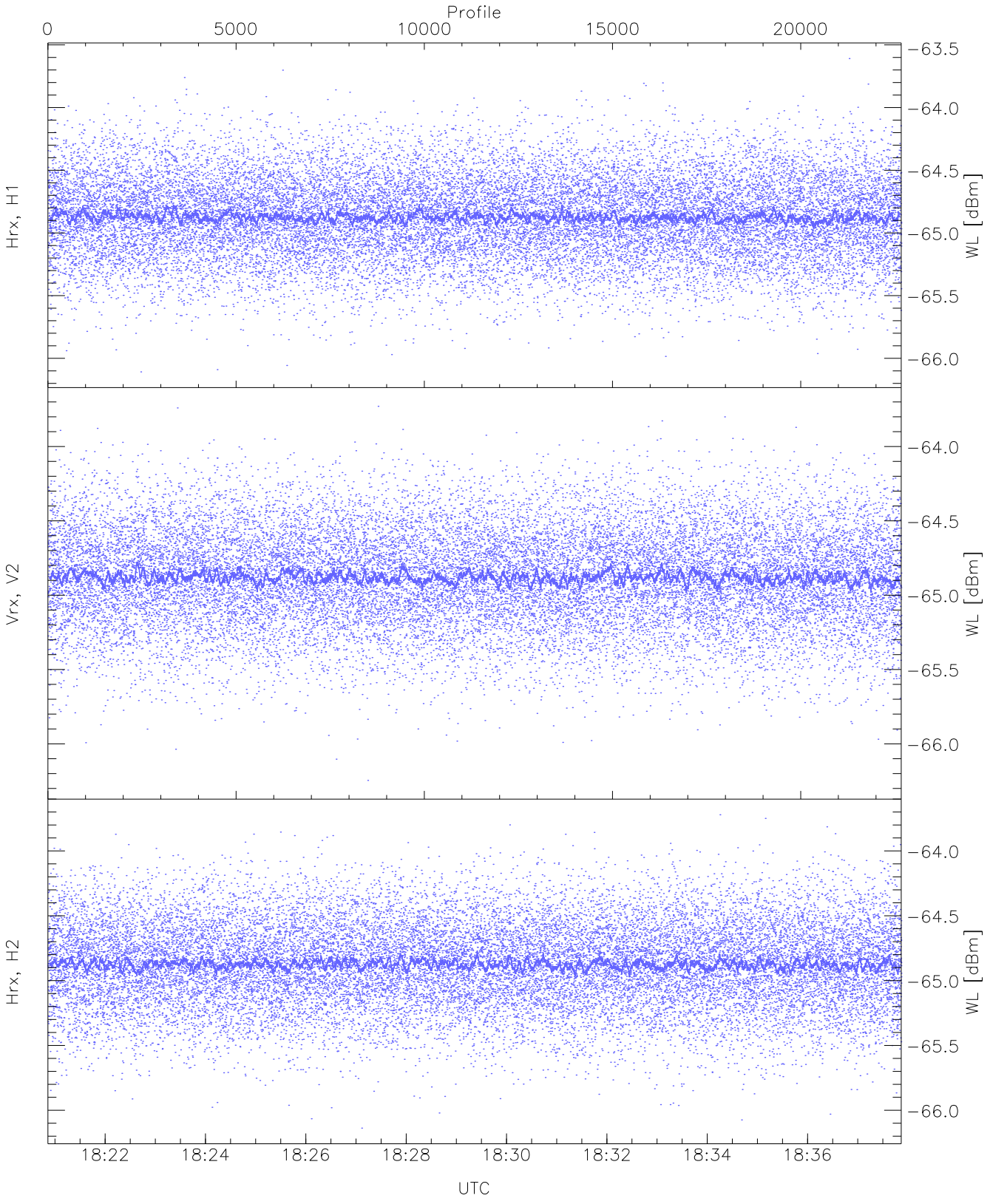
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 101 pixs, 6 gates, 98 profs, 1 prod(s)



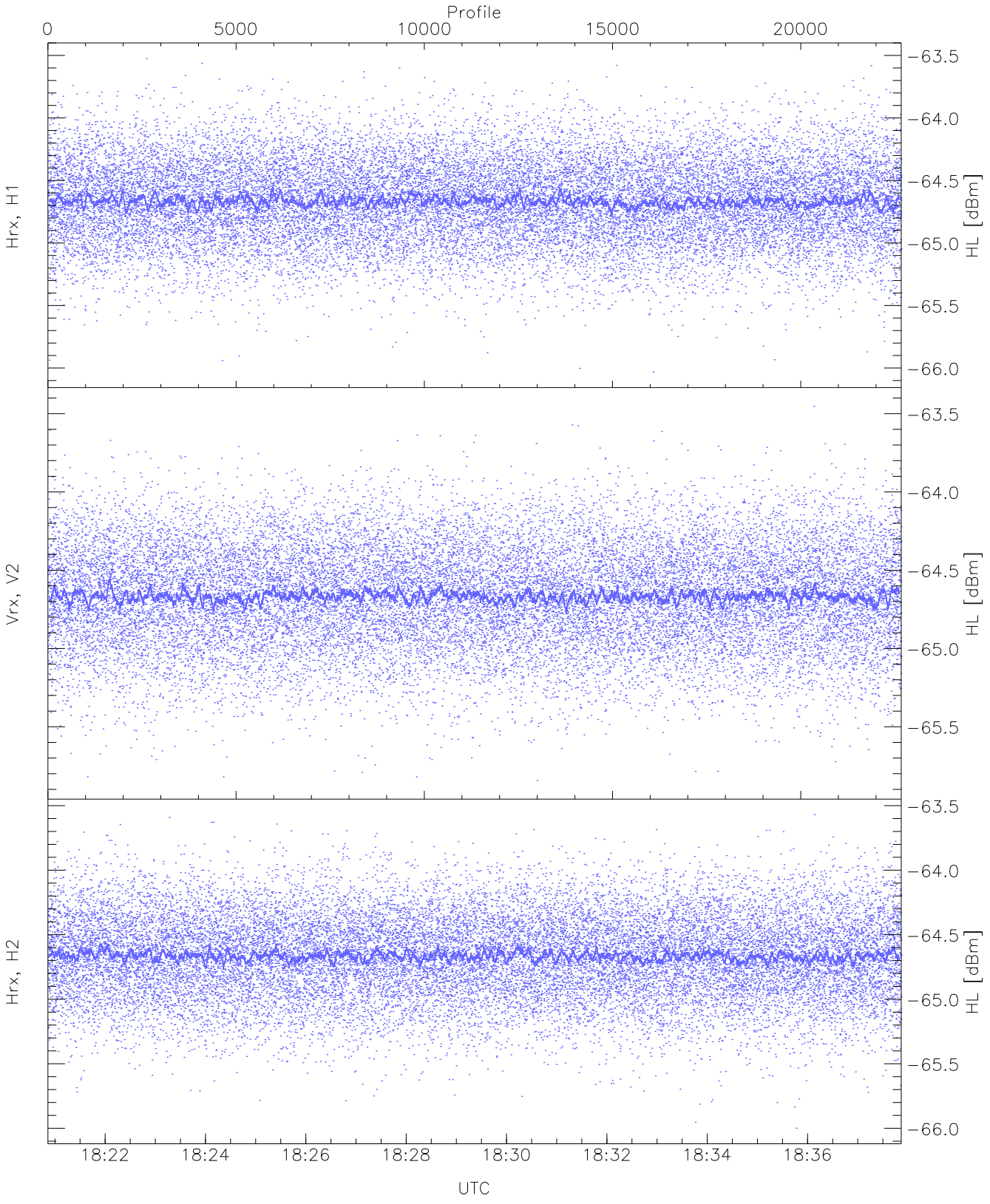
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.36	-65.03	-65.21	-65.21	-85.08
RMPHrxH1(std_dBm)	-75.99	-74.53	-75.23	-75.23	-89.01
RMPVrxV2(mean_dBm)	-65.03	-64.78	-64.89	-64.89	-86.40
RMPVrxV2(std_dBm)	-75.72	-74.25	-74.91	-74.91	-88.73
RMPHrxH2(mean_dBm)	-64.97	-64.75	-64.86	-64.86	-86.37
RMPHrxH2(std_dBm)	-75.63	-74.11	-74.87	-74.87	-88.63



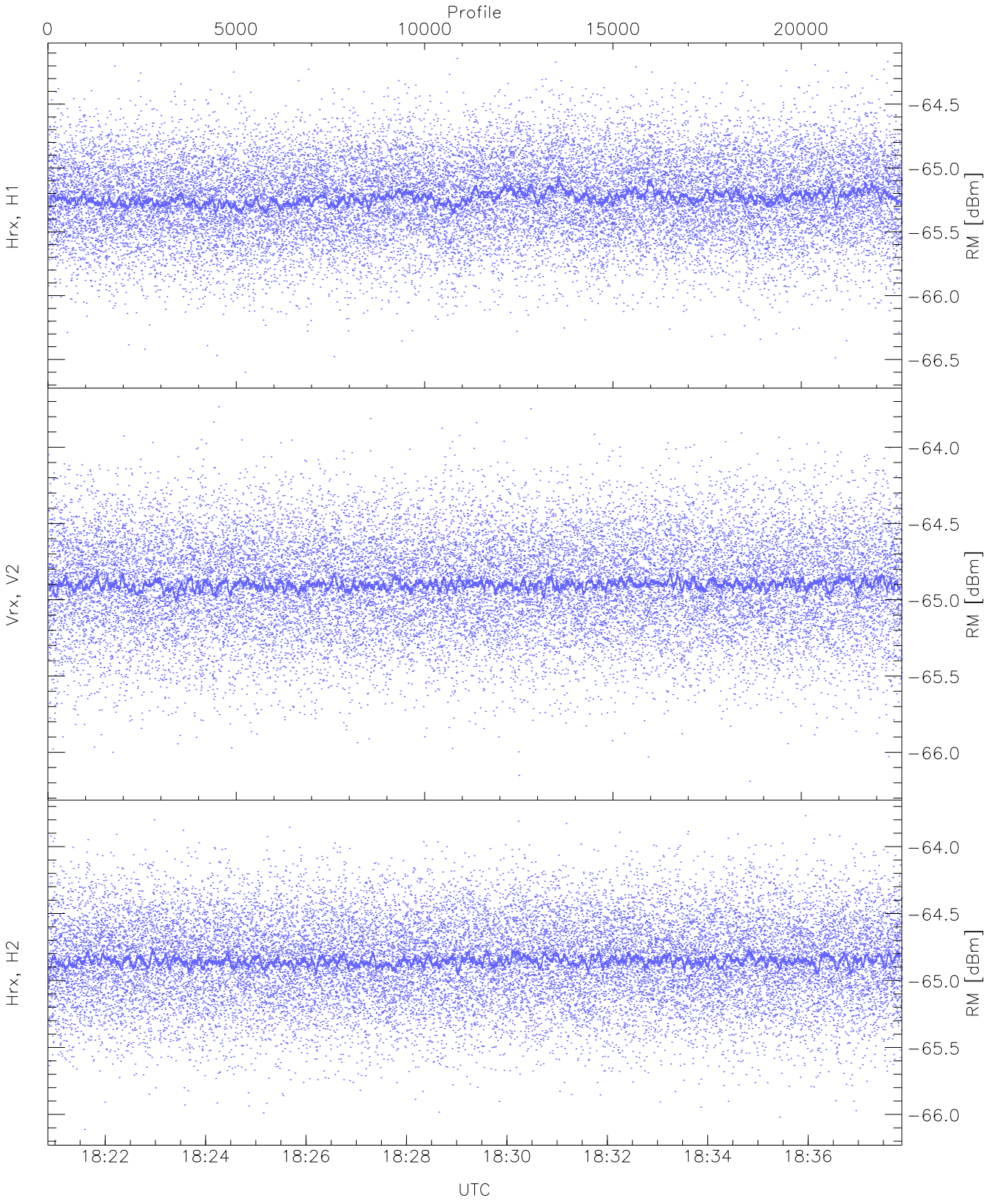
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.11	-63.61	-64.87	-64.87	-76.38
Vrx, V2(WL [dBm])	-66.25	-63.73	-64.87	-64.88	-76.39
Hrx, H2(WL [dBm])	-66.14	-63.72	-64.87	-64.87	-76.36



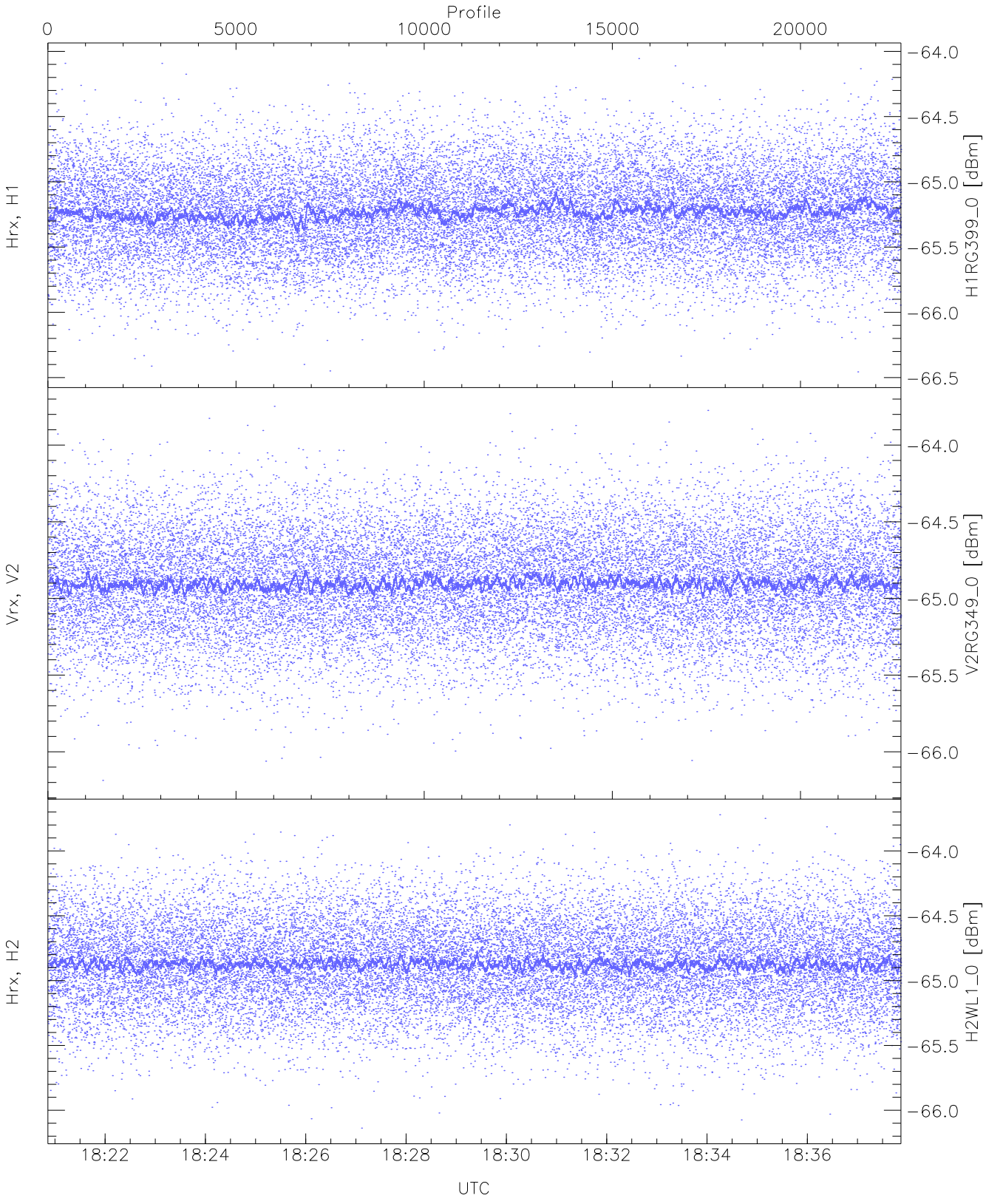
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.03	-63.52	-64.66	-64.67	-76.12
Vrx, V2(HL [dBm])	-65.84	-63.45	-64.66	-64.67	-76.18
Hrx, H2(HL [dBm])	-66.00	-63.57	-64.66	-64.66	-76.16



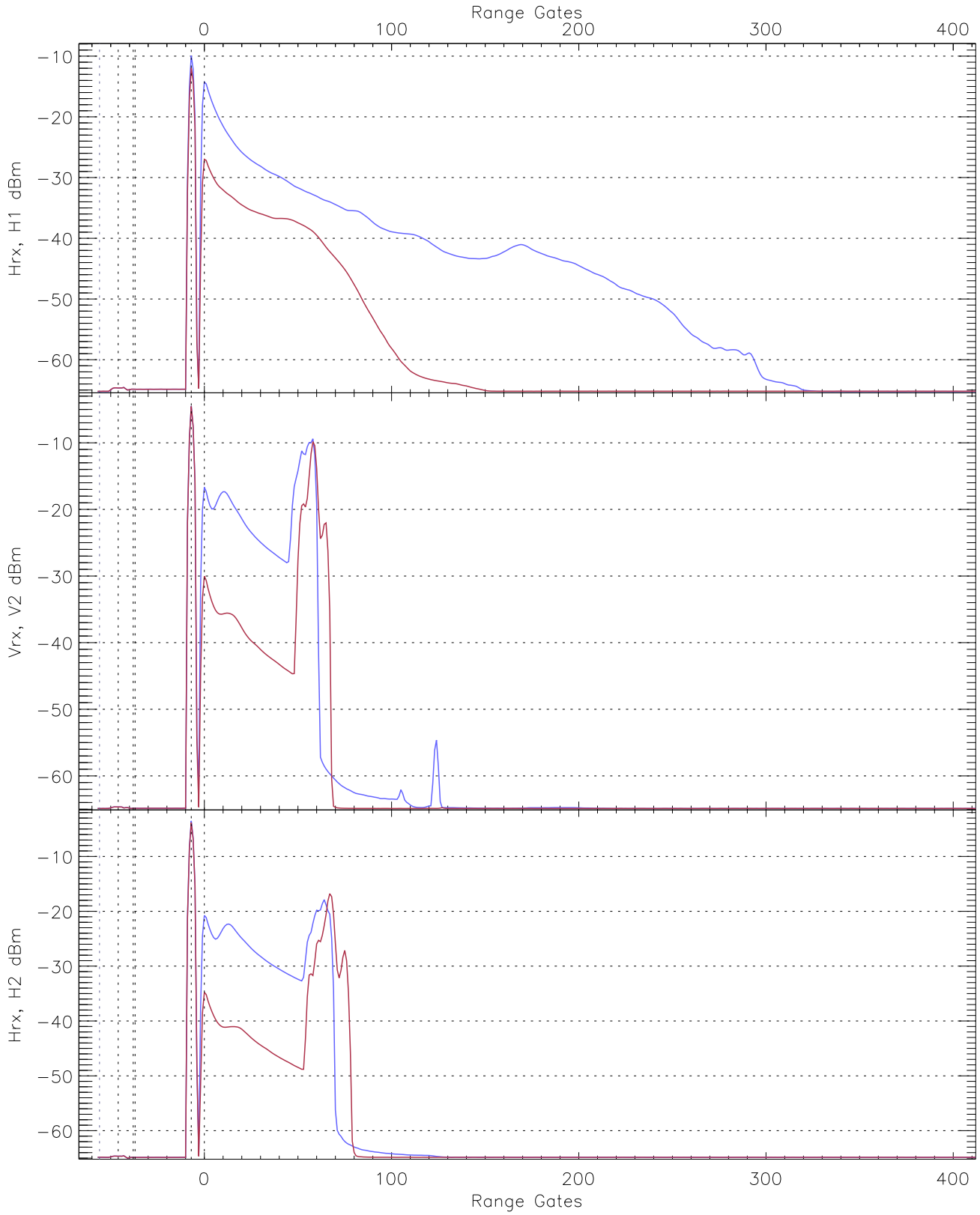
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.60	-64.14	-65.23	-65.23	-76.71
Vrx, V2(RM [dBm])	-66.19	-63.73	-64.89	-64.90	-76.40
Hrx, H2(RM [dBm])	-66.11	-63.77	-64.85	-64.85	-76.33

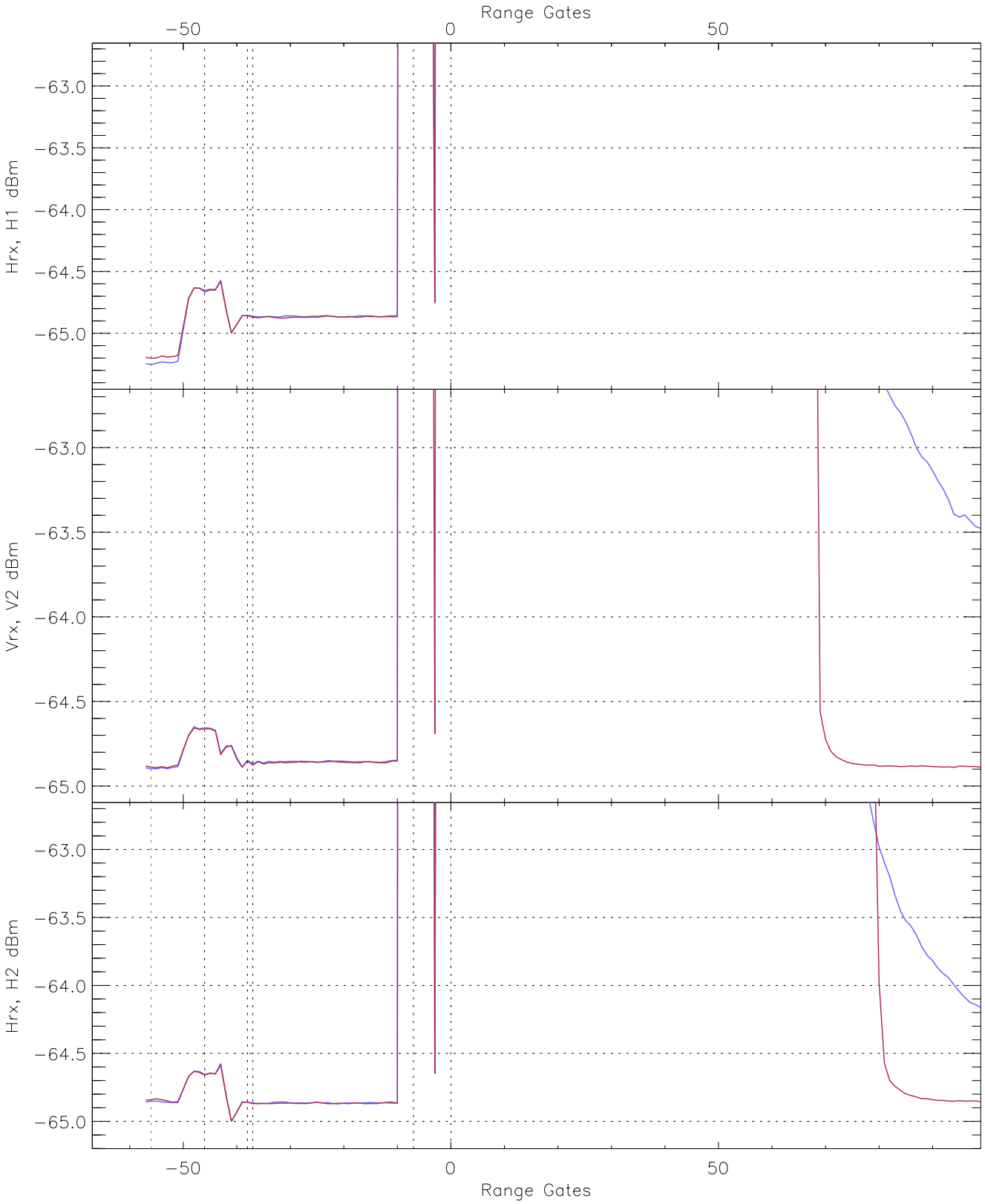


WCR3 CPP "Best" estimate Receivers Noise Power

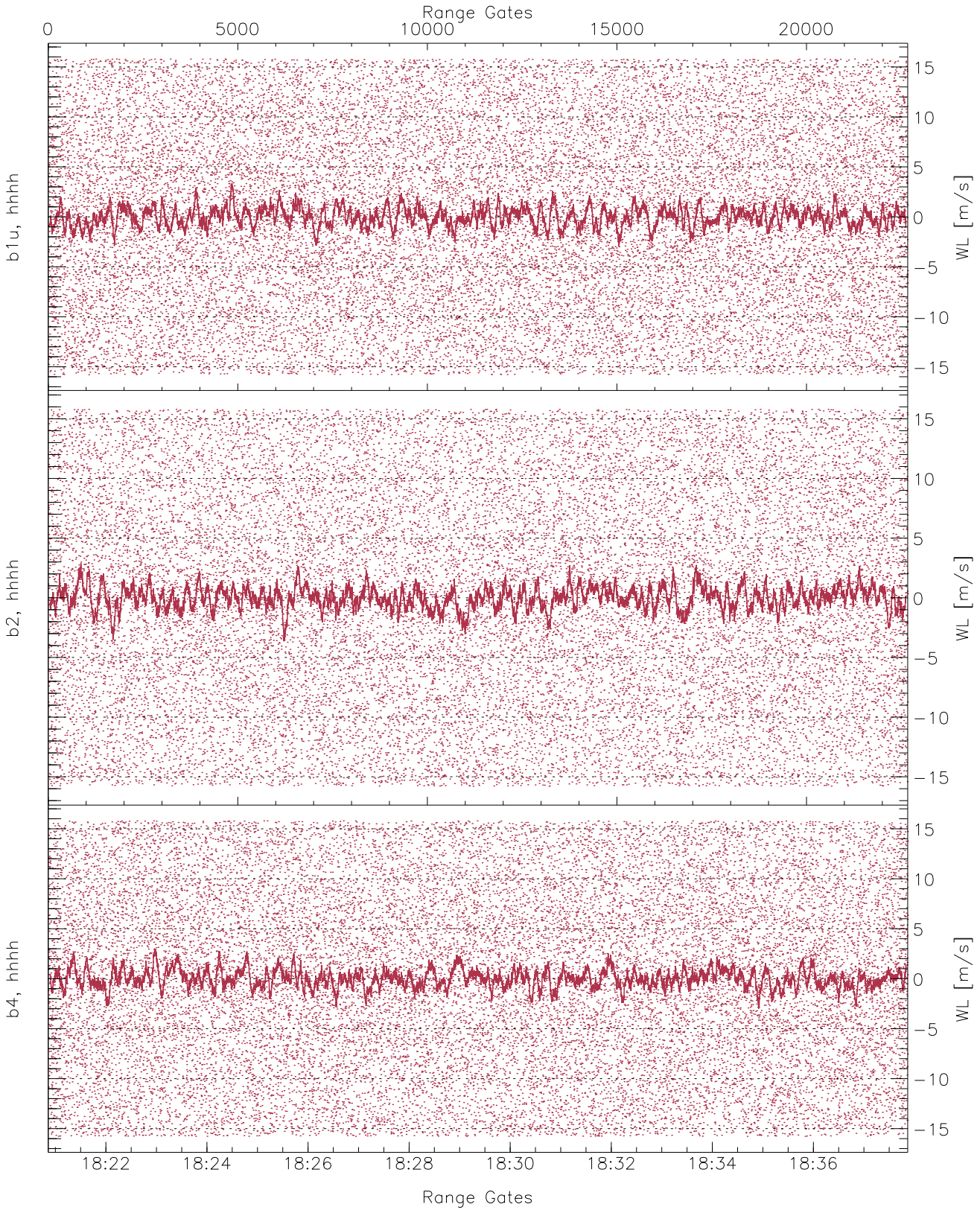
	Min	Max	Mean	Median	StDev
H1RG399_0 [dBm]	-66.46	-64.06	-65.23	-65.23	-76.71
V2RG349_0 [dBm]	-66.19	-63.75	-64.90	-64.90	-76.43
H2WL1_0 [dBm]	-66.14	-63.72	-64.87	-64.87	-76.36



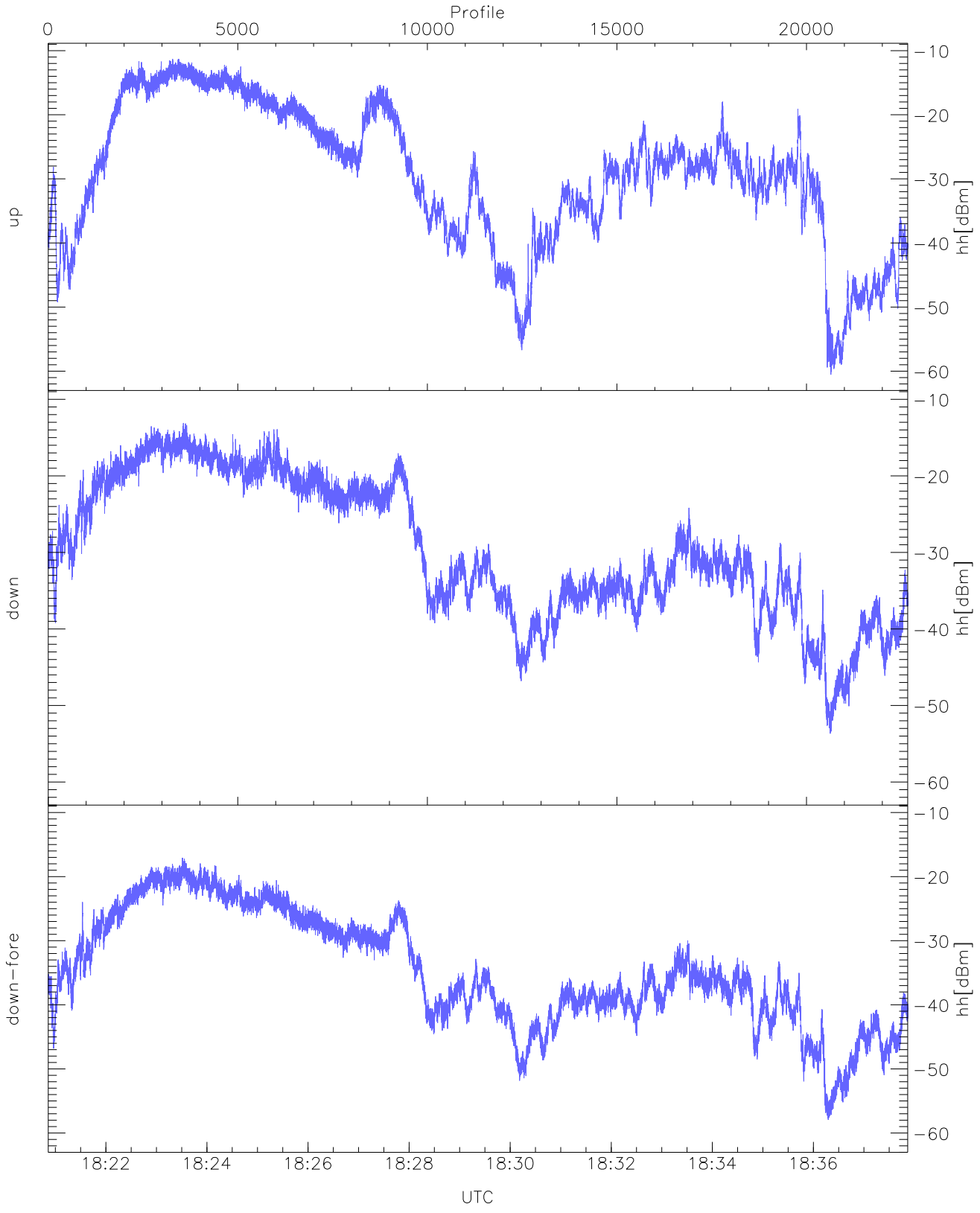
WCR3 CPP Averaged Received power for all recorded gates
blue: 182052-182922, 11337 profiles averaged
red: 182922-183752, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 182052-182922, 11337 profiles averaged
red: 182922-183752, 11336 profiles averaged

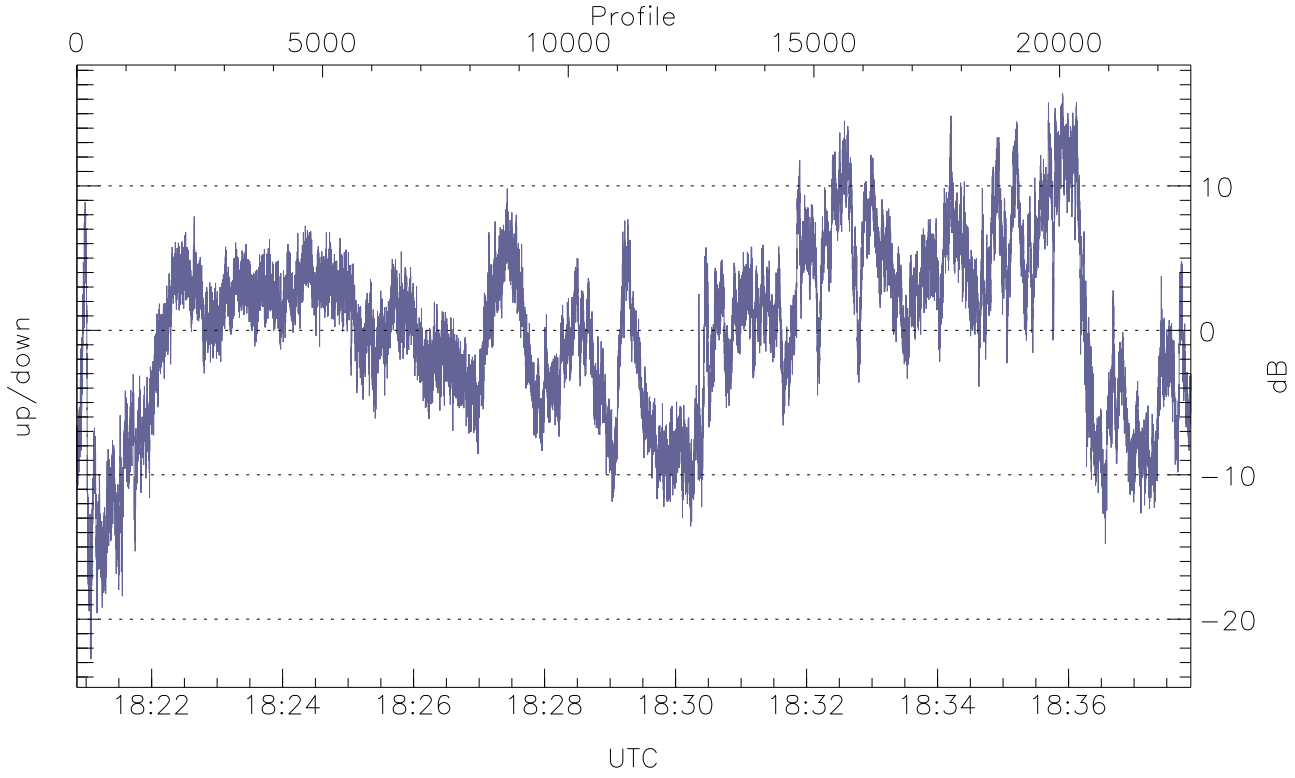


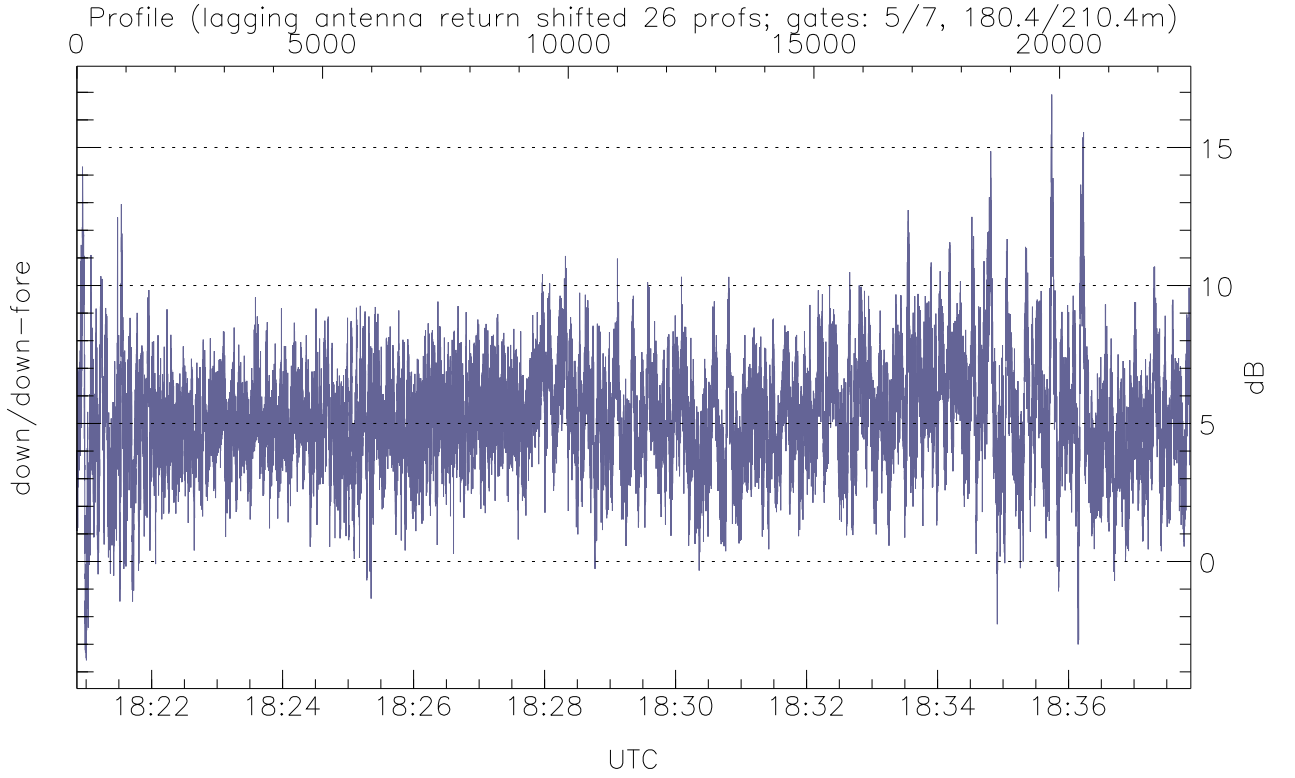
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

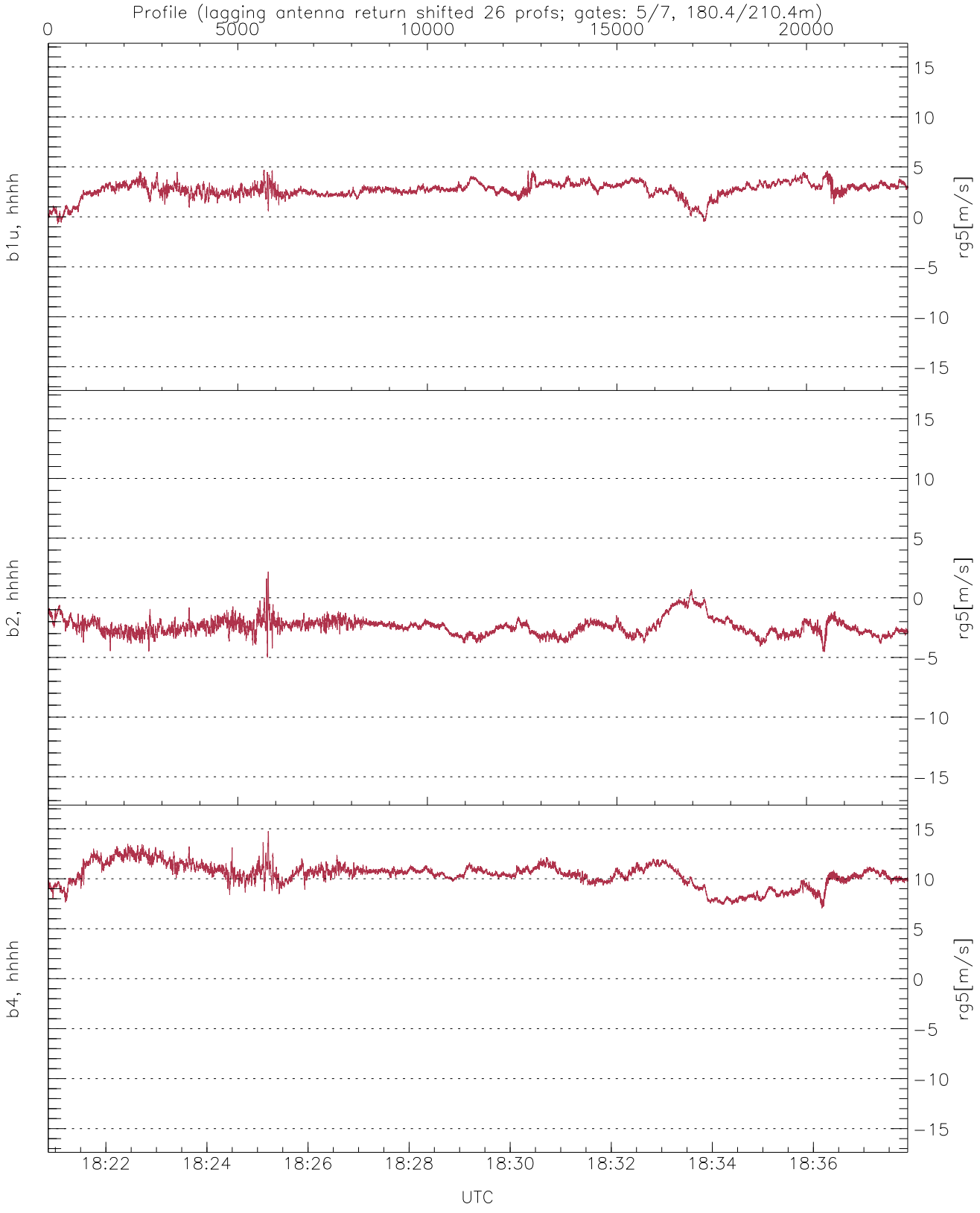
	Min	Max	Mean
up(hh[dBm])	-60.55	-11.30	-20.98
down(hh[dBm])	-53.68	-13.12	-22.76
down-fore(hh[dBm])	-57.95	-17.06	-27.65





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

	Min	Max	Mean
up/down(dB)	-22.76	16.41	0.13
down/down-fore(dB)	-3.58	16.92	5.24



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.71	4.70	2.69	0.78
b2, hhhh(rg5[m/s])	-4.99	2.19	-2.41	0.72
b4, hhhh(rg5[m/s])	7.03	14.76	10.38	1.15