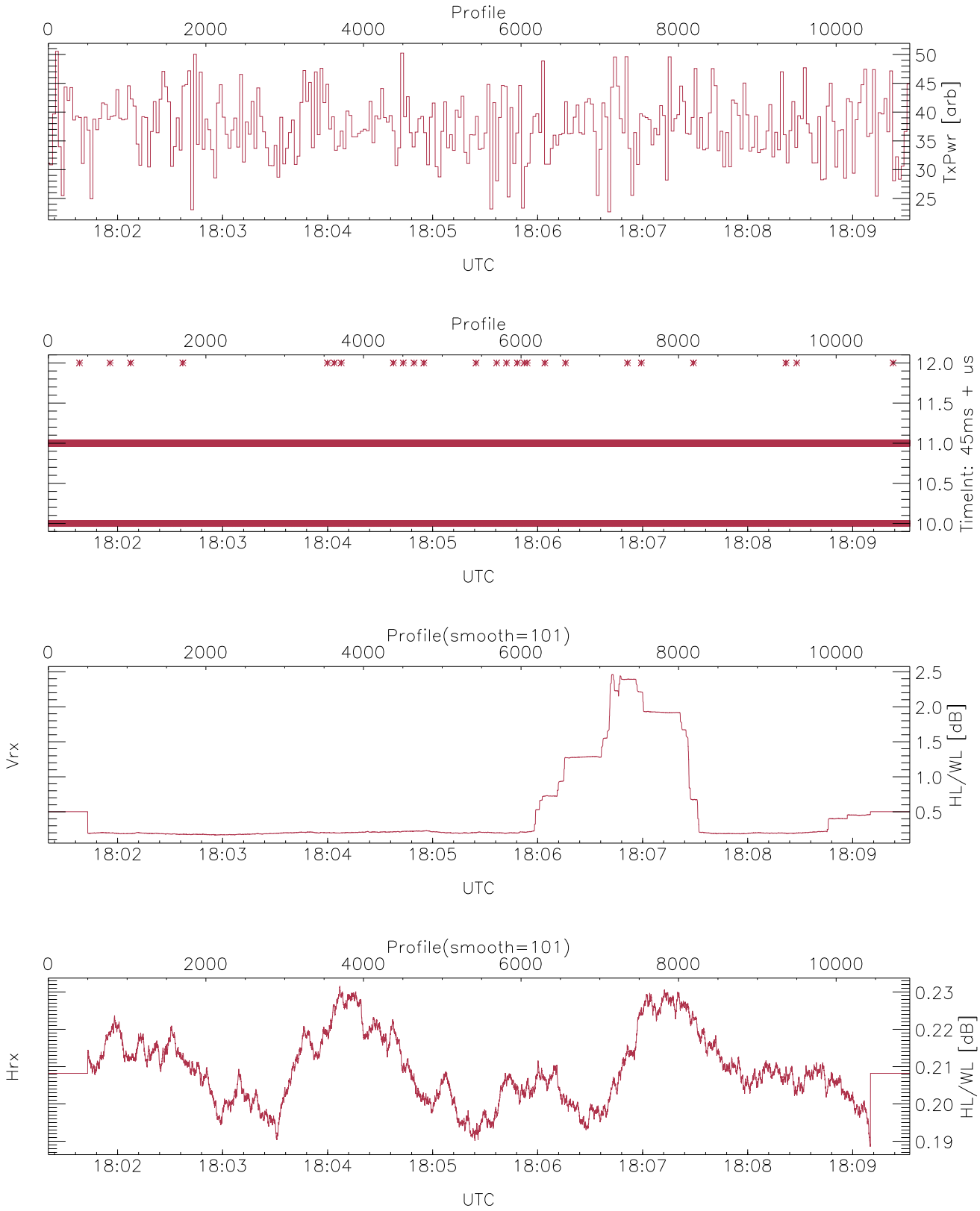
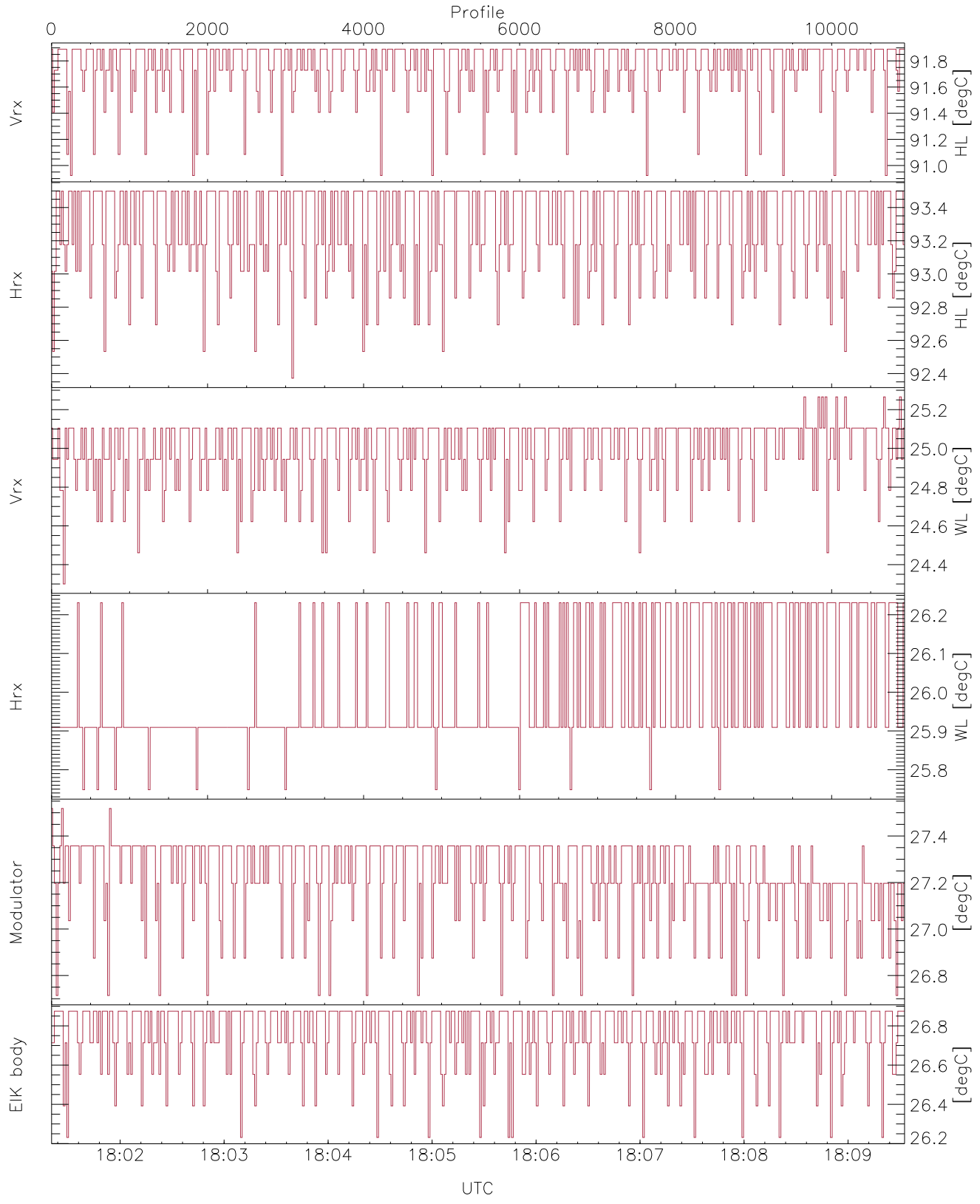


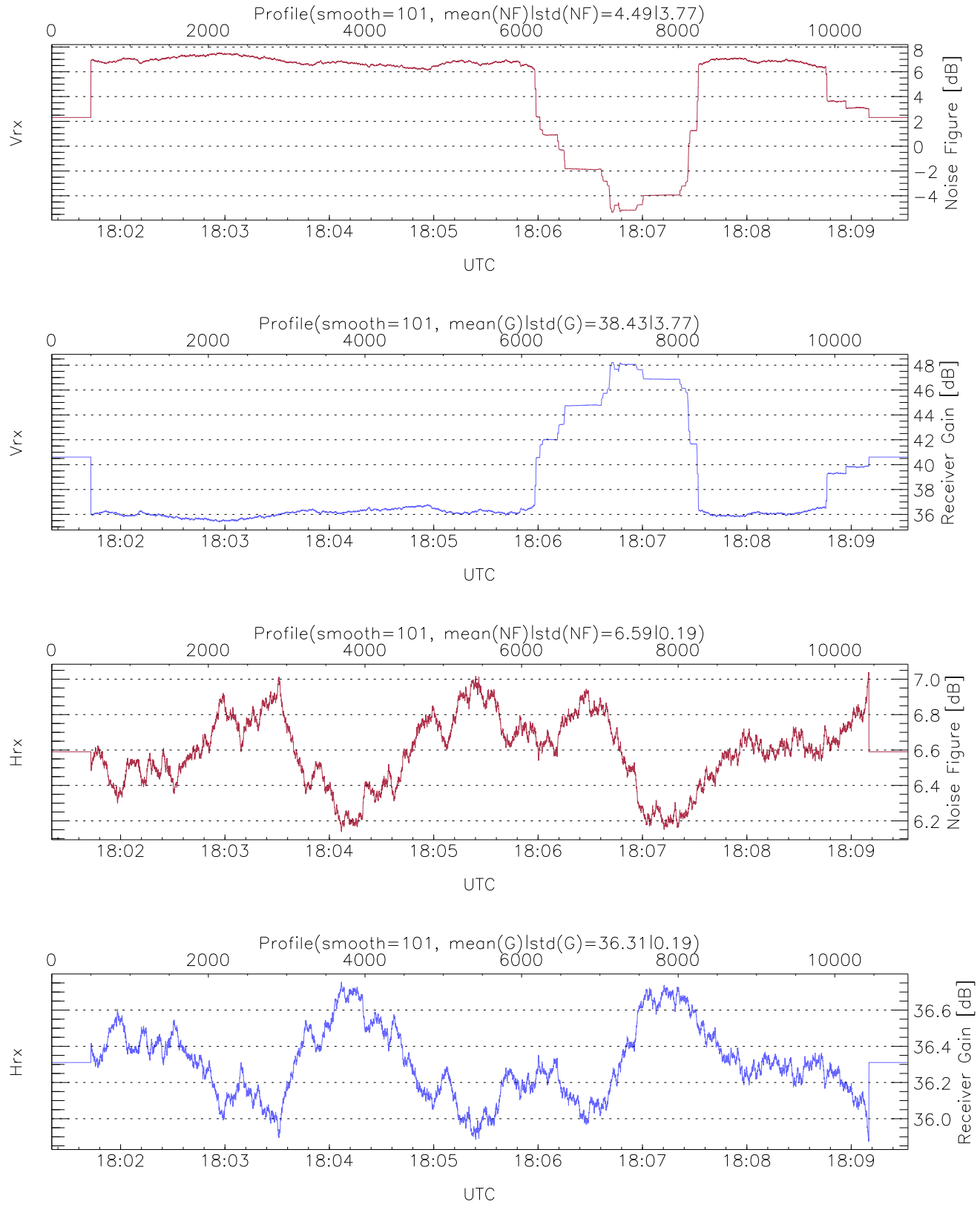
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:01:20-18:09:33, TimeCor: 0.00s, Dur: 492.20s
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): 10936/10936, 0-10935/18:01:20-18:09:33
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



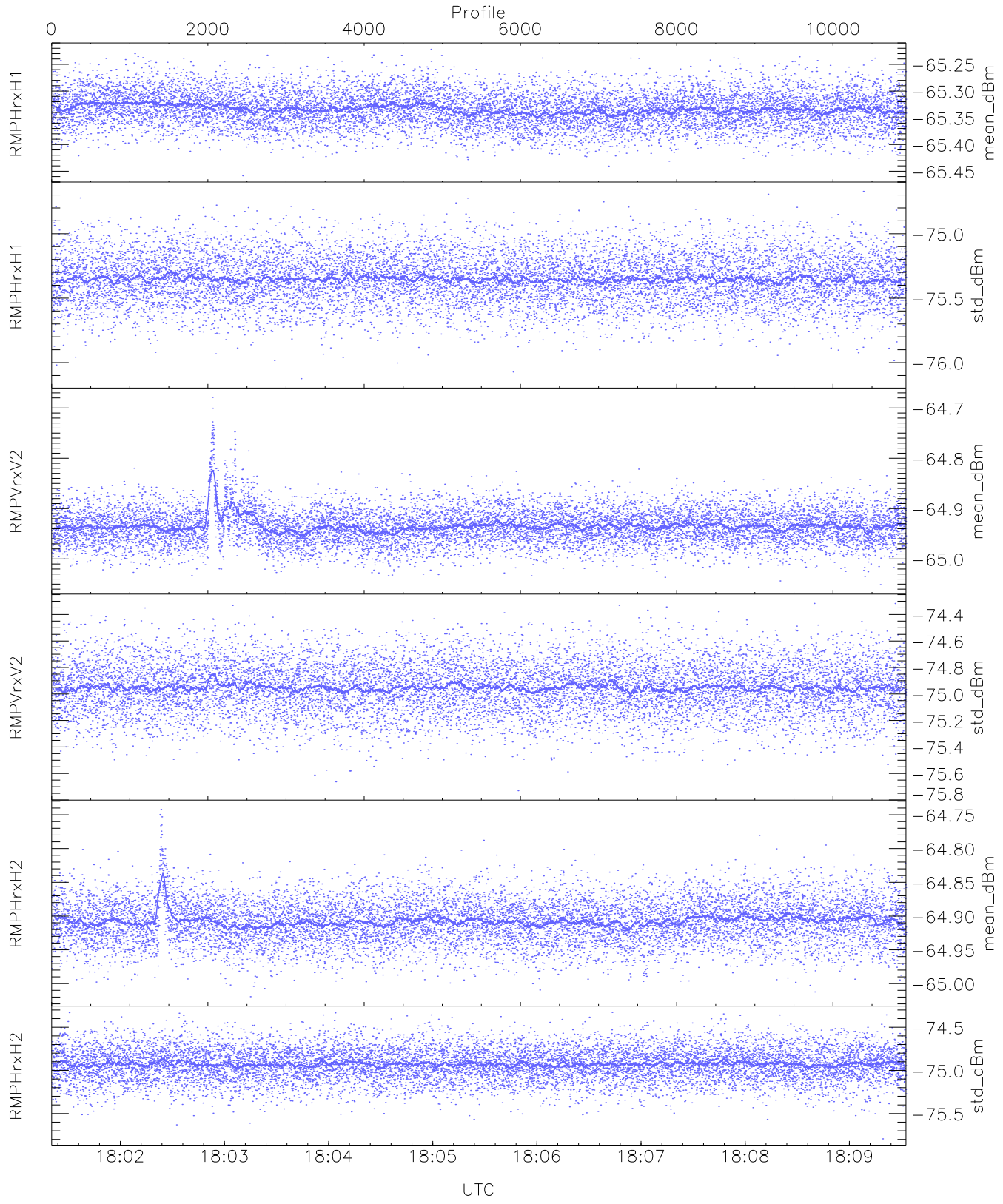
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,26,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,27,26
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



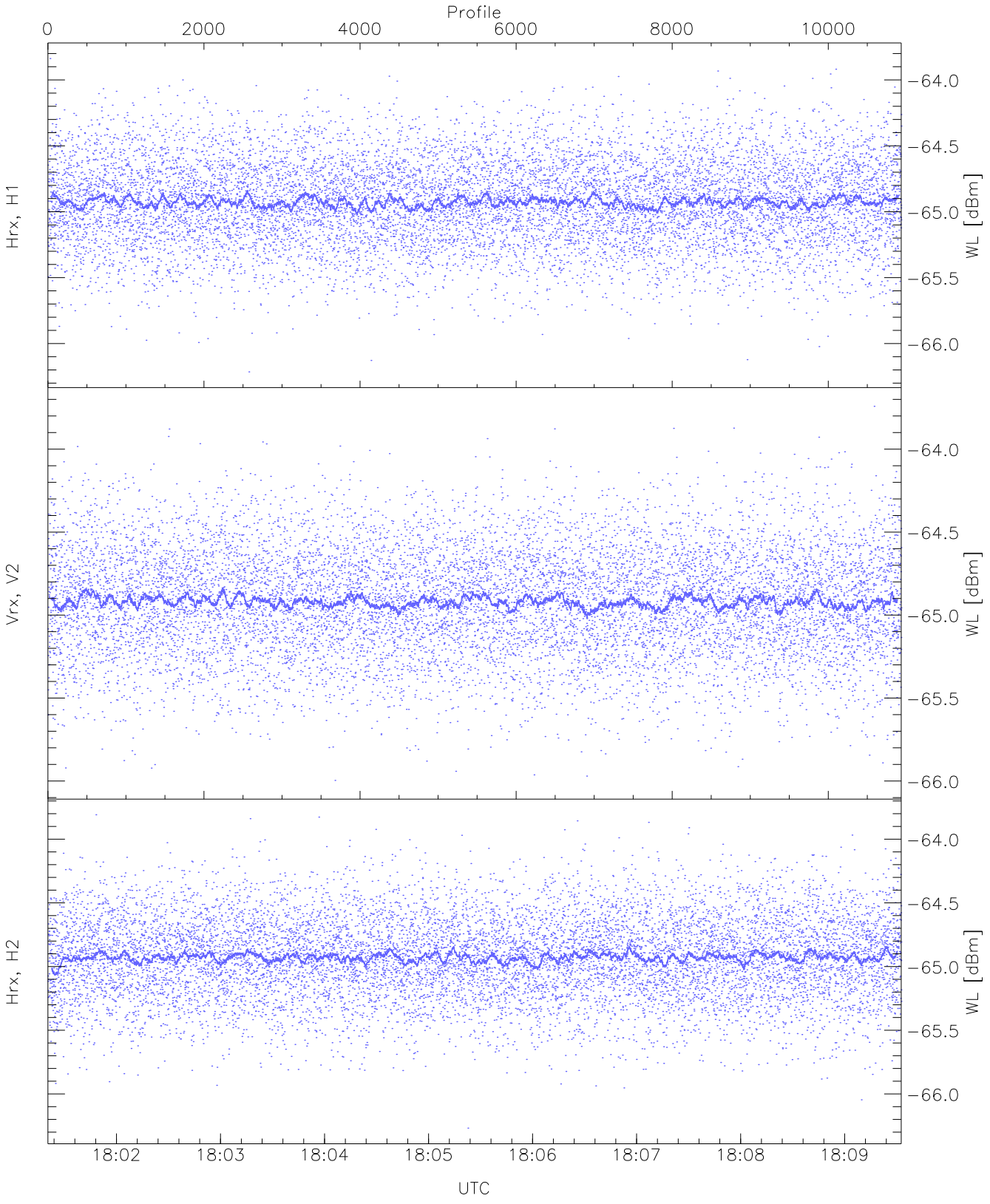
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



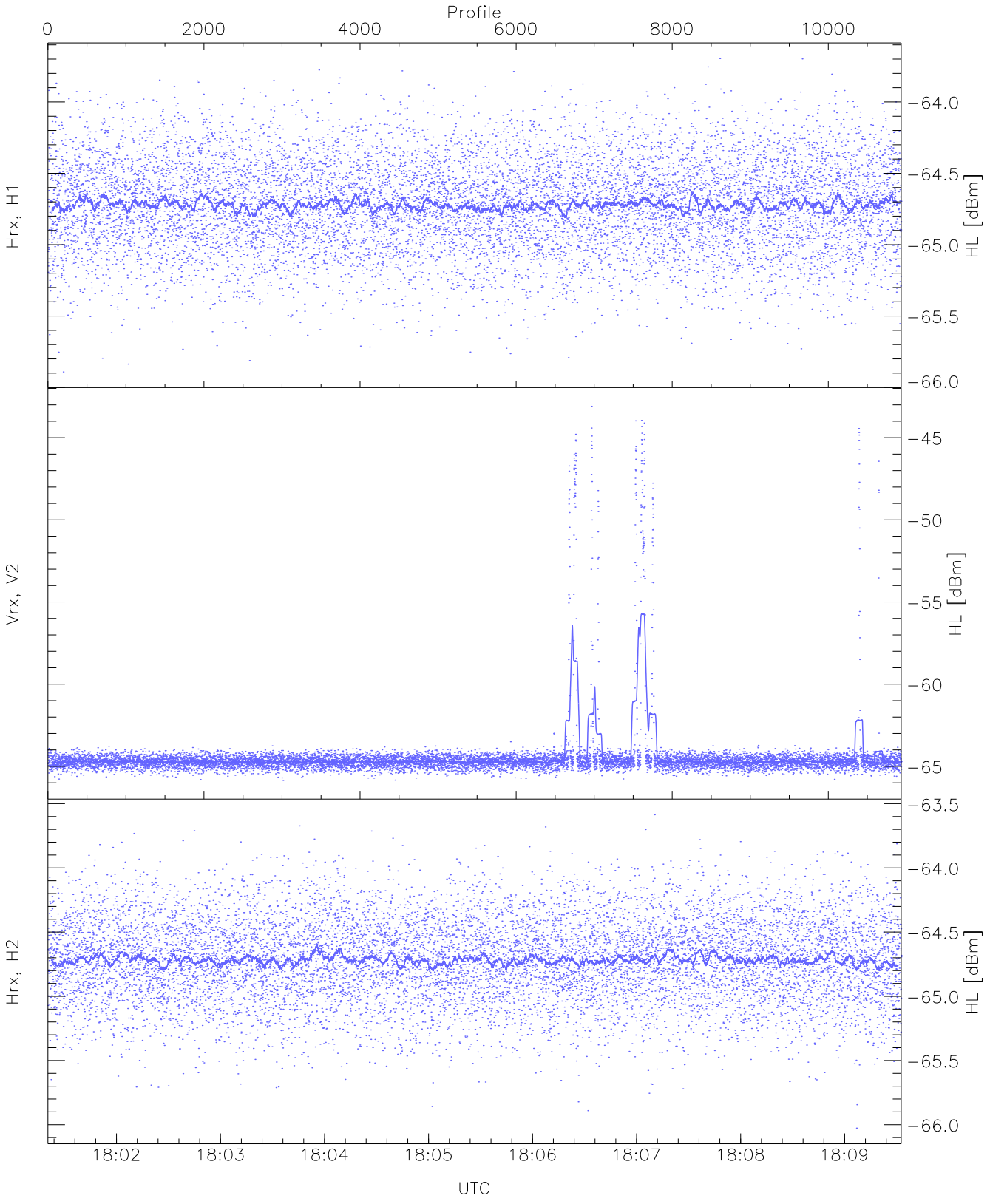
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.22	-65.33	-65.33	-86.81
RMPHrxH1(std_dBm)	-76.12	-74.67	-75.35	-75.35	-89.15
RMPVrxV2(mean_dBm)	-65.05	-64.68	-64.93	-64.94	-86.00
RMPVrxV2(std_dBm)	-75.73	-74.32	-74.95	-74.95	-88.72
RMPHrxH2(mean_dBm)	-65.02	-64.74	-64.91	-64.91	-86.35
RMPHrxH2(std_dBm)	-75.79	-74.33	-74.93	-74.93	-88.73



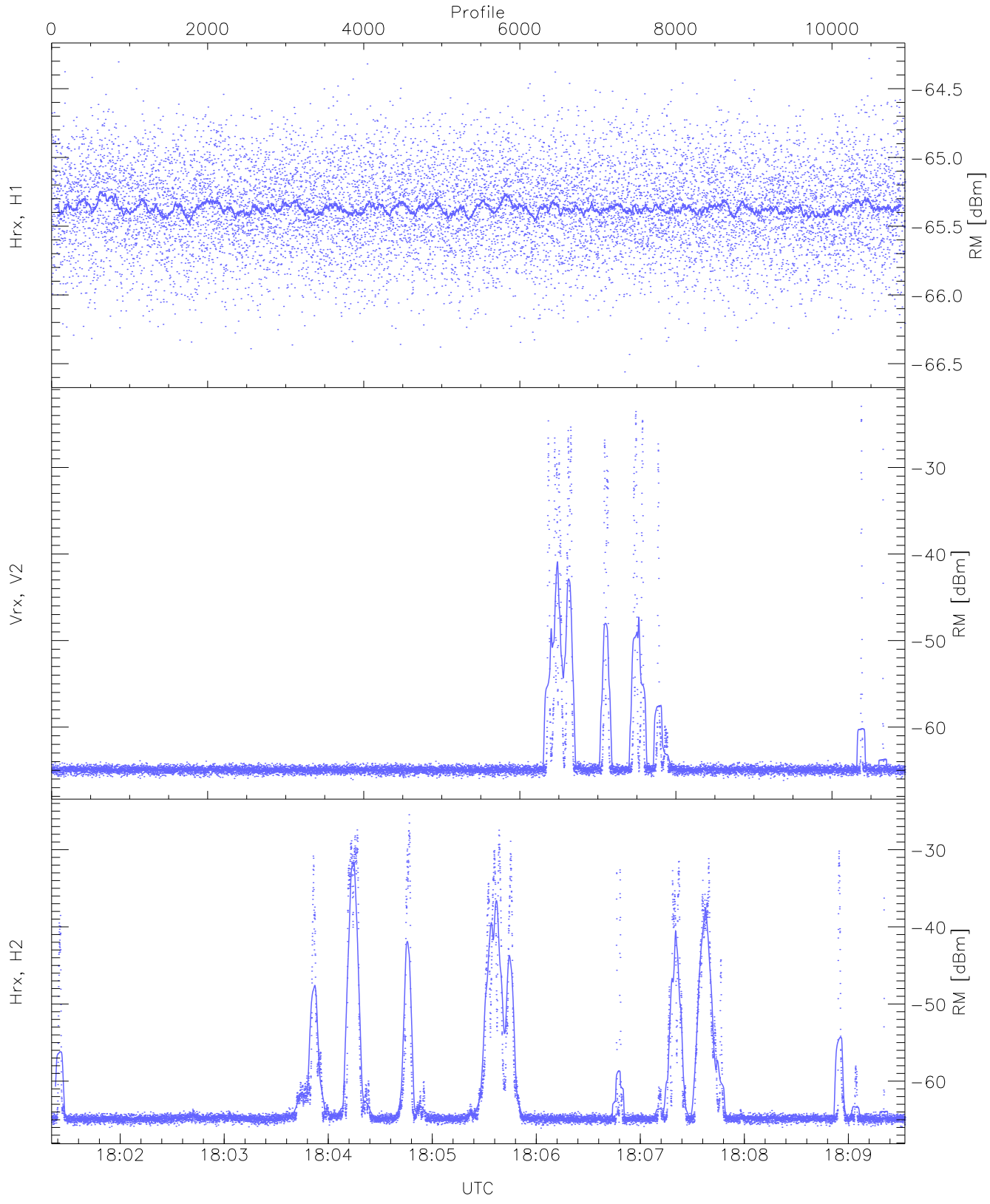
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.21	-63.84	-64.92	-64.93	-76.38
Vrx, V2(WL [dBm])	-66.00	-63.74	-64.91	-64.92	-76.45
Hrx, H2(WL [dBm])	-66.27	-63.81	-64.92	-64.92	-76.43



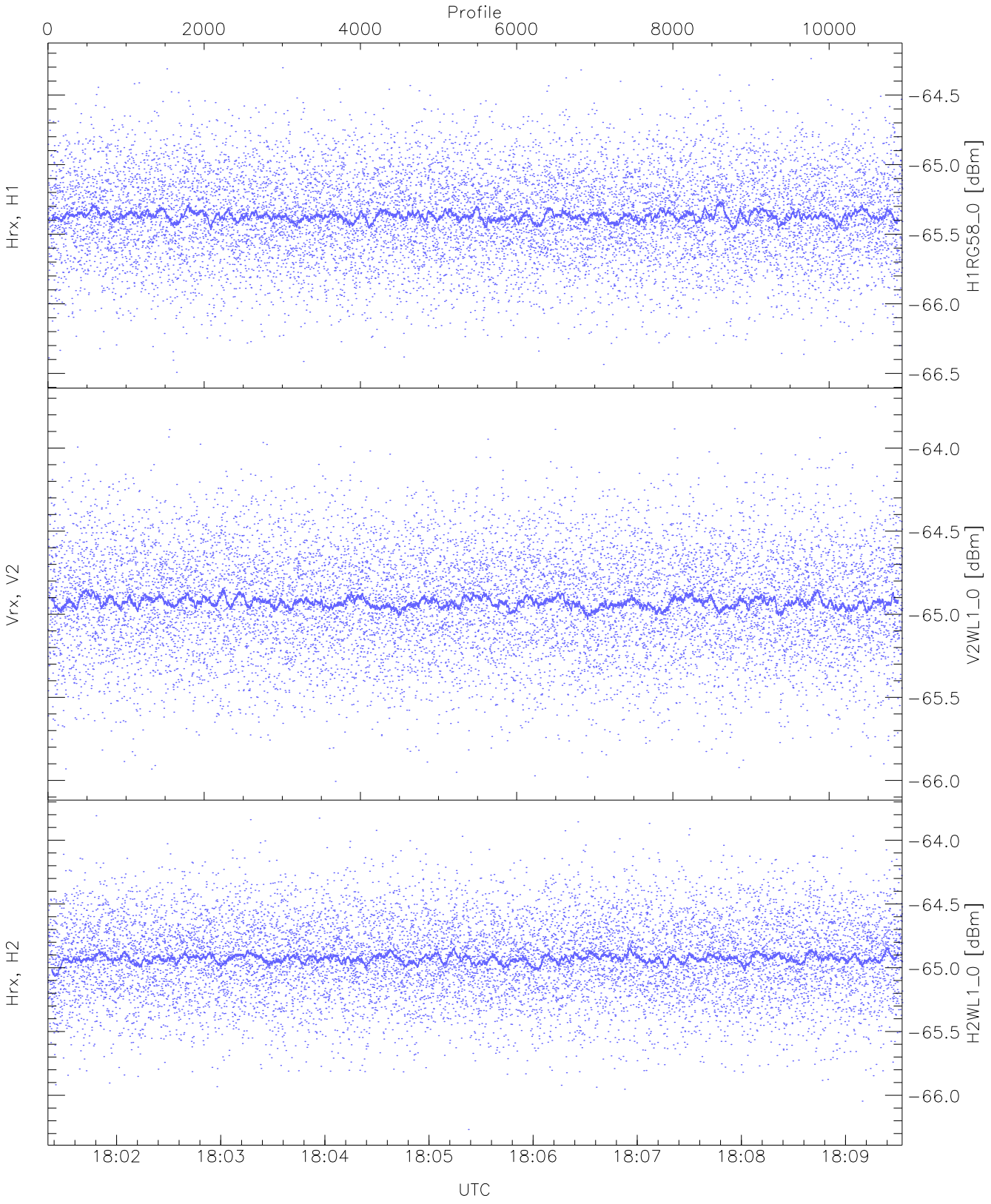
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.89	-63.70	-64.71	-64.72	-76.24
Vrx, V2(HL [dBm])	-65.85	-43.09	-62.25	-64.71	-56.39
Hrx, H2(HL [dBm])	-66.03	-63.59	-64.71	-64.72	-76.22



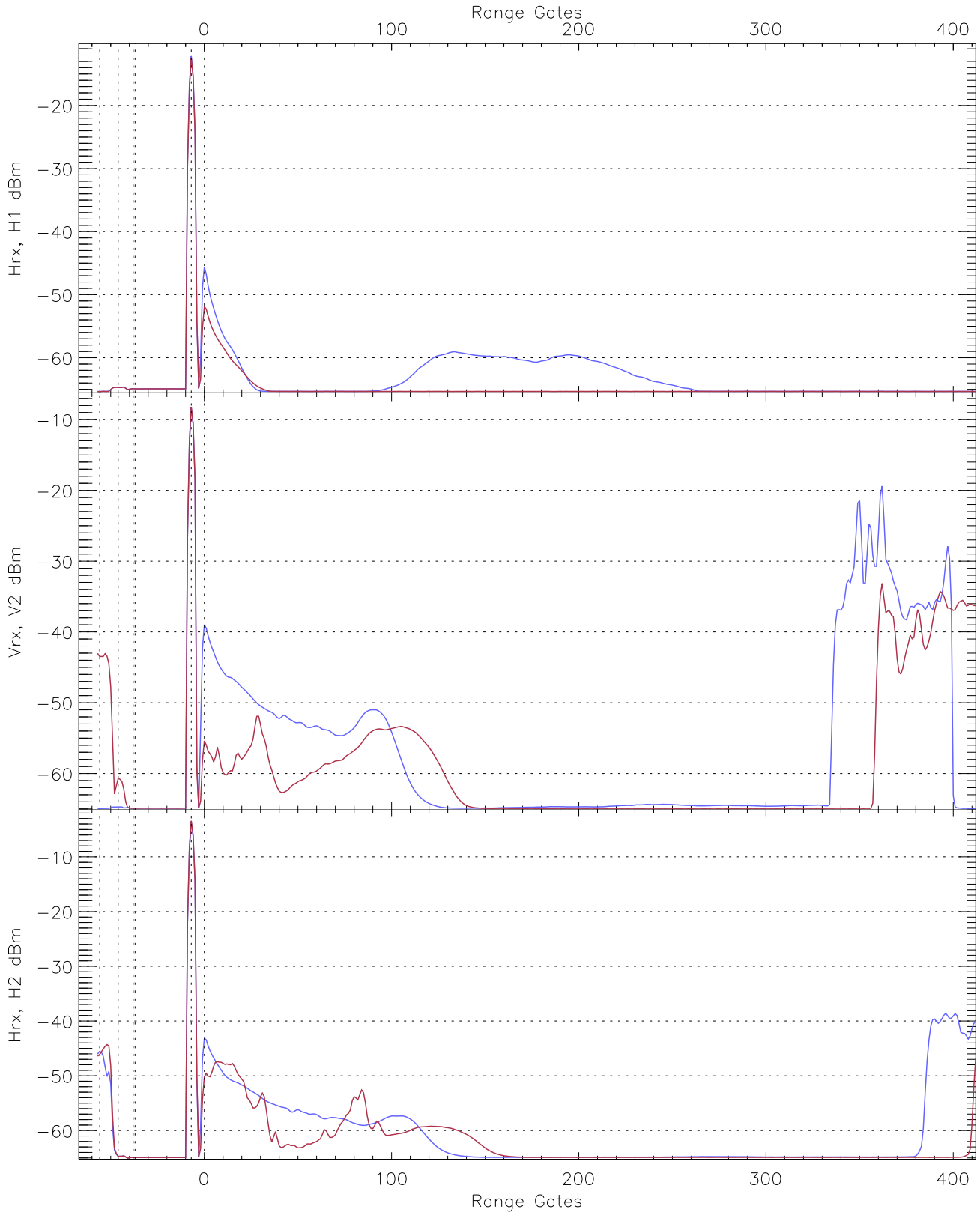
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.56	-64.28	-65.36	-65.37	-76.89
Vrx, V2(RM [dBm])	-66.16	-22.93	-46.43	-64.91	-36.88
Hrx, H2(RM [dBm])	-66.09	-25.47	-45.86	-64.70	-38.70

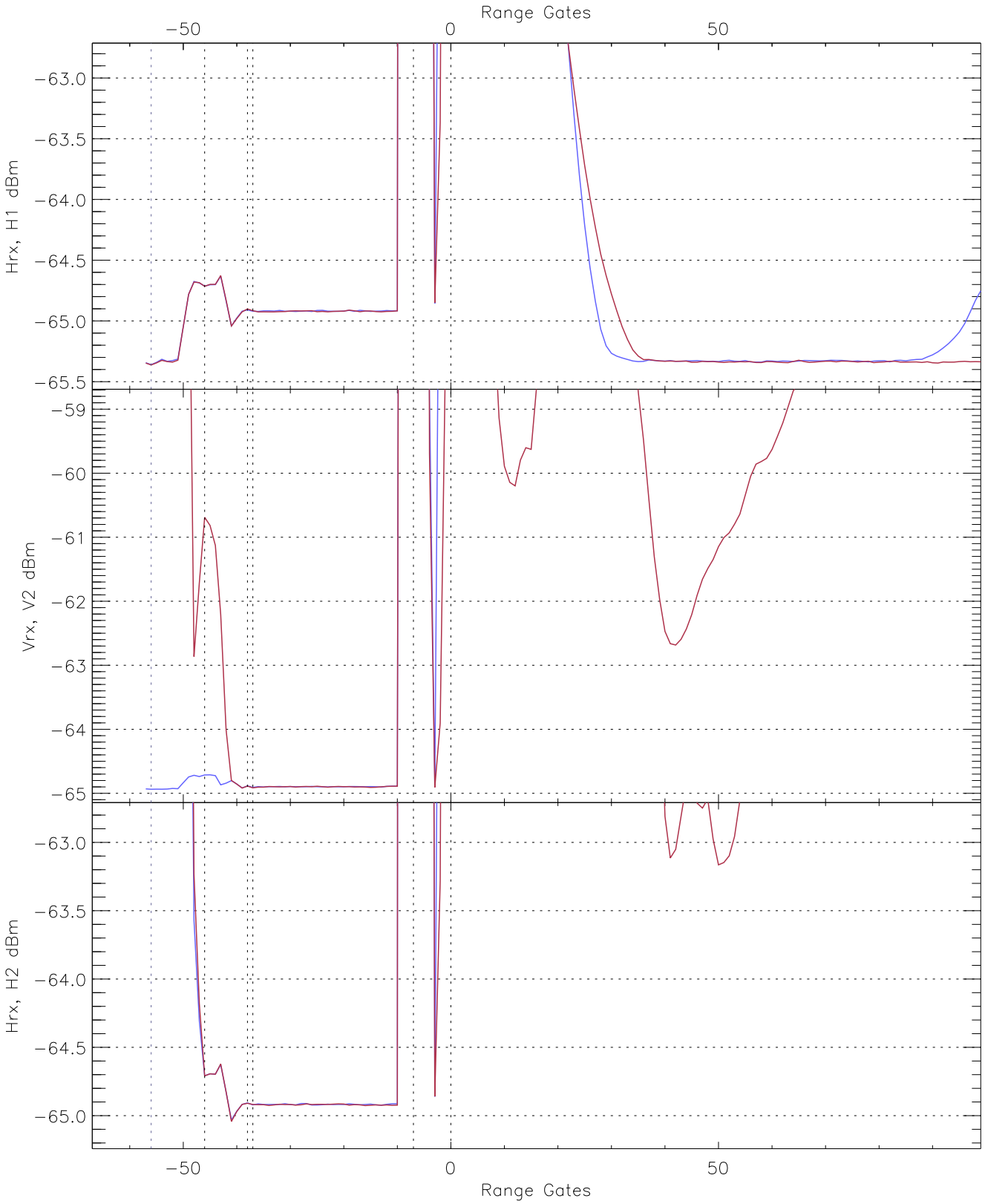


WCR3 CPP "Best" estimate Receivers Noise Power

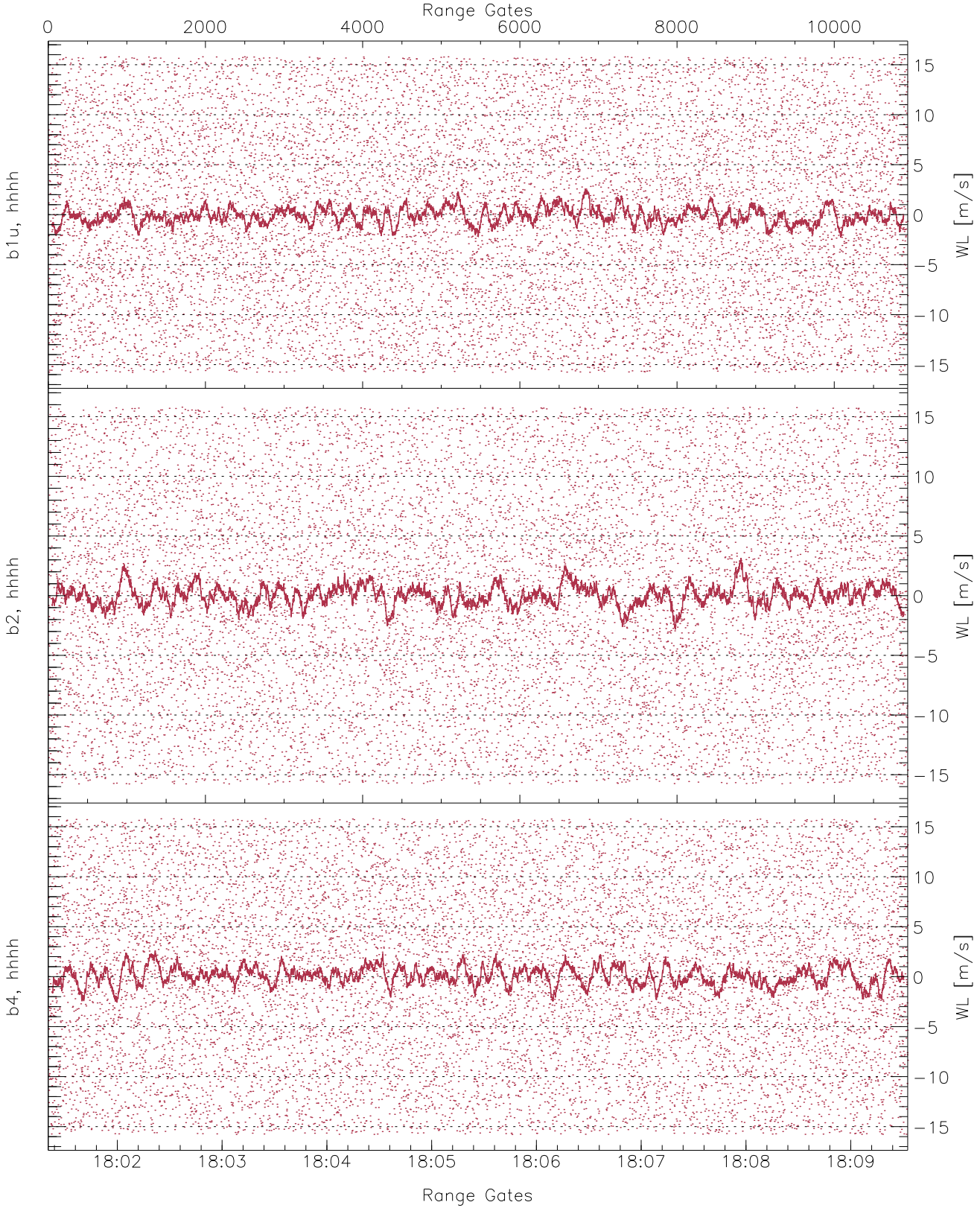
	Min	Max	Mean	Median	StDev
H1RG58_0 [dBm]	-66.49	-64.24	-65.36	-65.37	-76.79
V2WL1_0 [dBm]	-66.01	-63.75	-64.92	-64.93	-76.46
H2WL1_0 [dBm]	-66.27	-63.81	-64.92	-64.92	-76.43



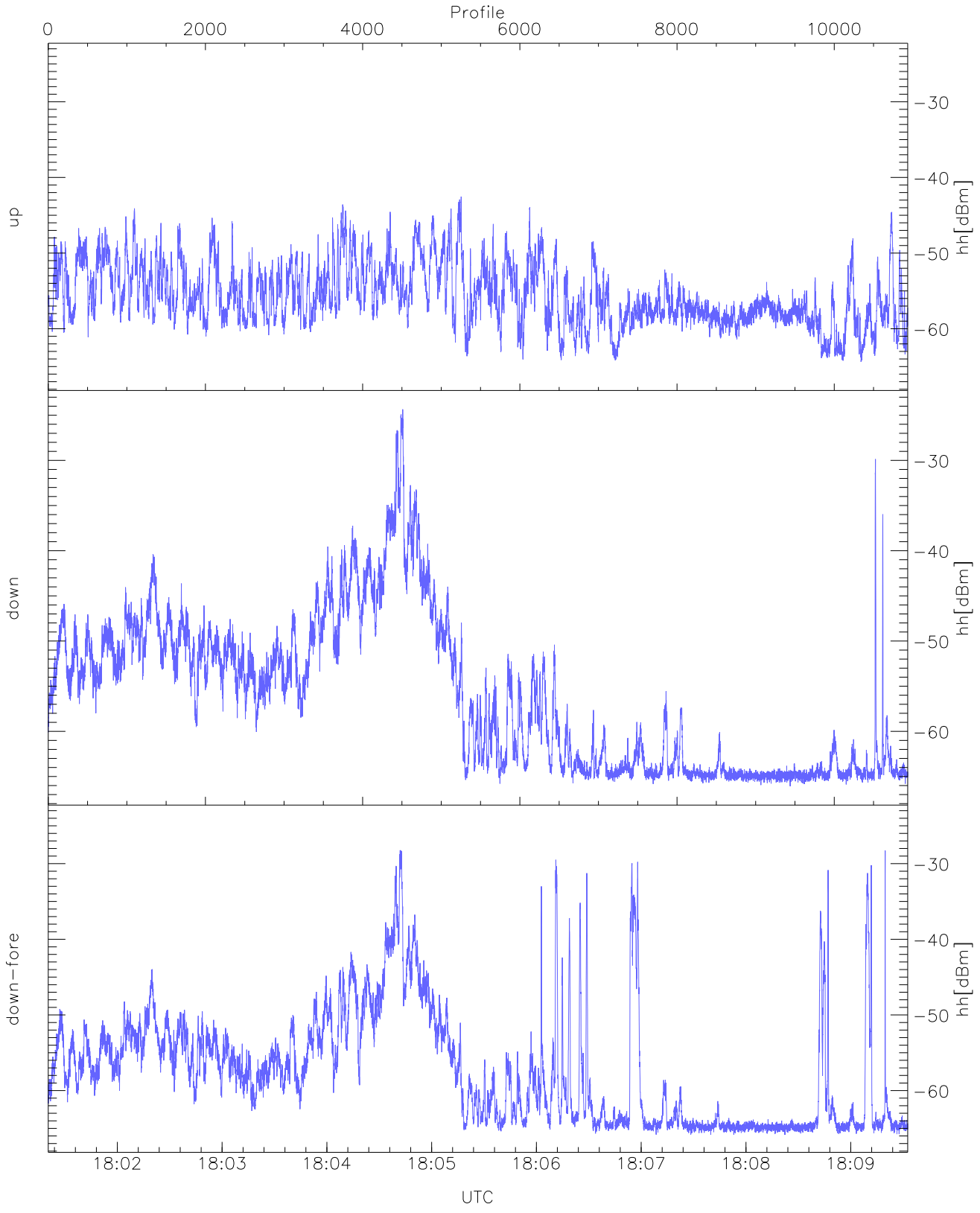
WCR3 CPP Averaged Received power for all recorded gates
blue: 180120-180527, 5469 profiles averaged
red: 180527-180933, 5468 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 180120-180527, 5469 profiles averaged
red: 180527-180933, 5468 profiles averaged

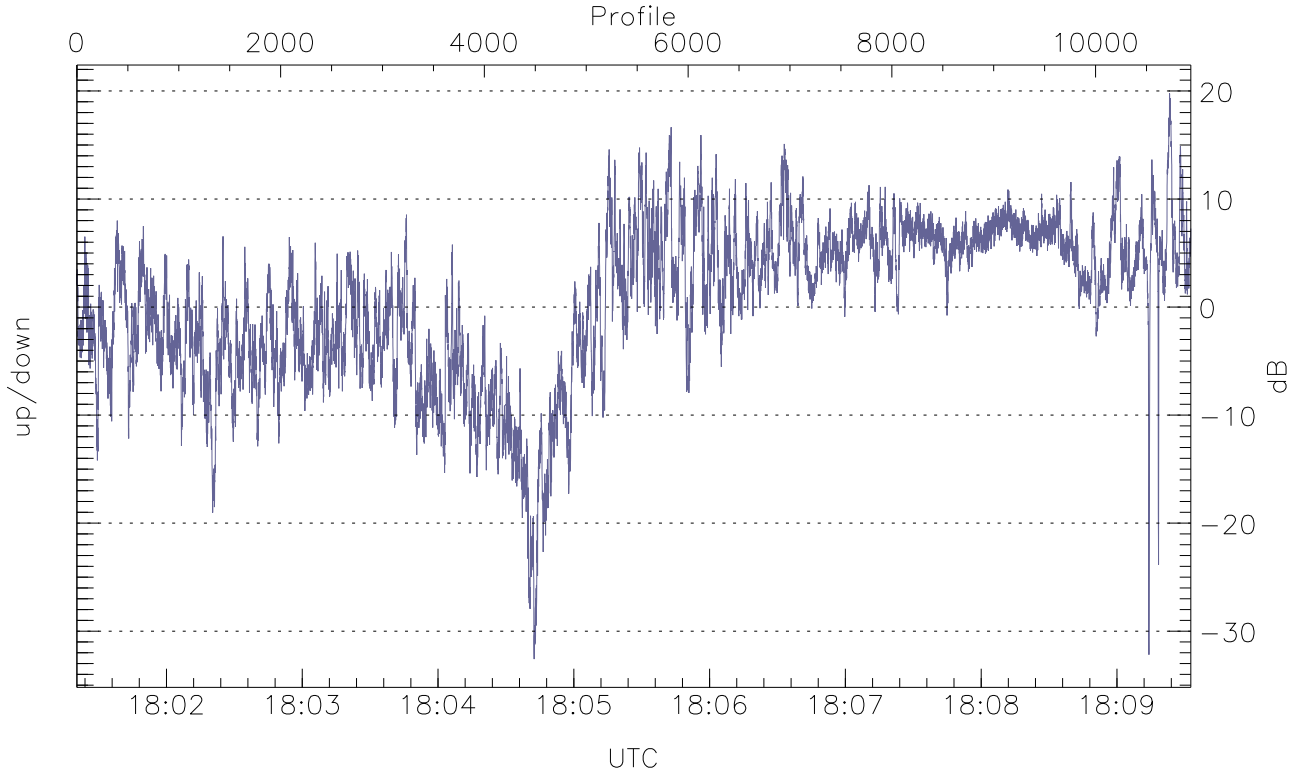


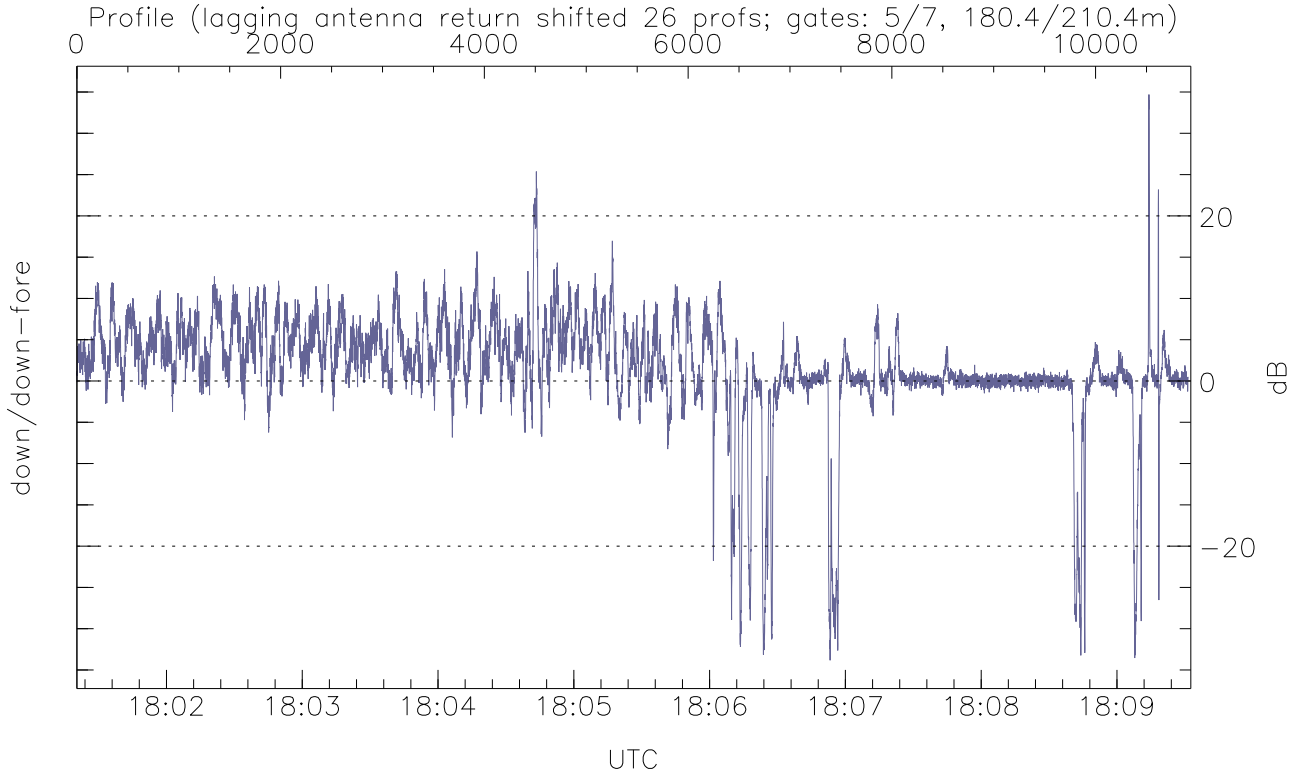
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

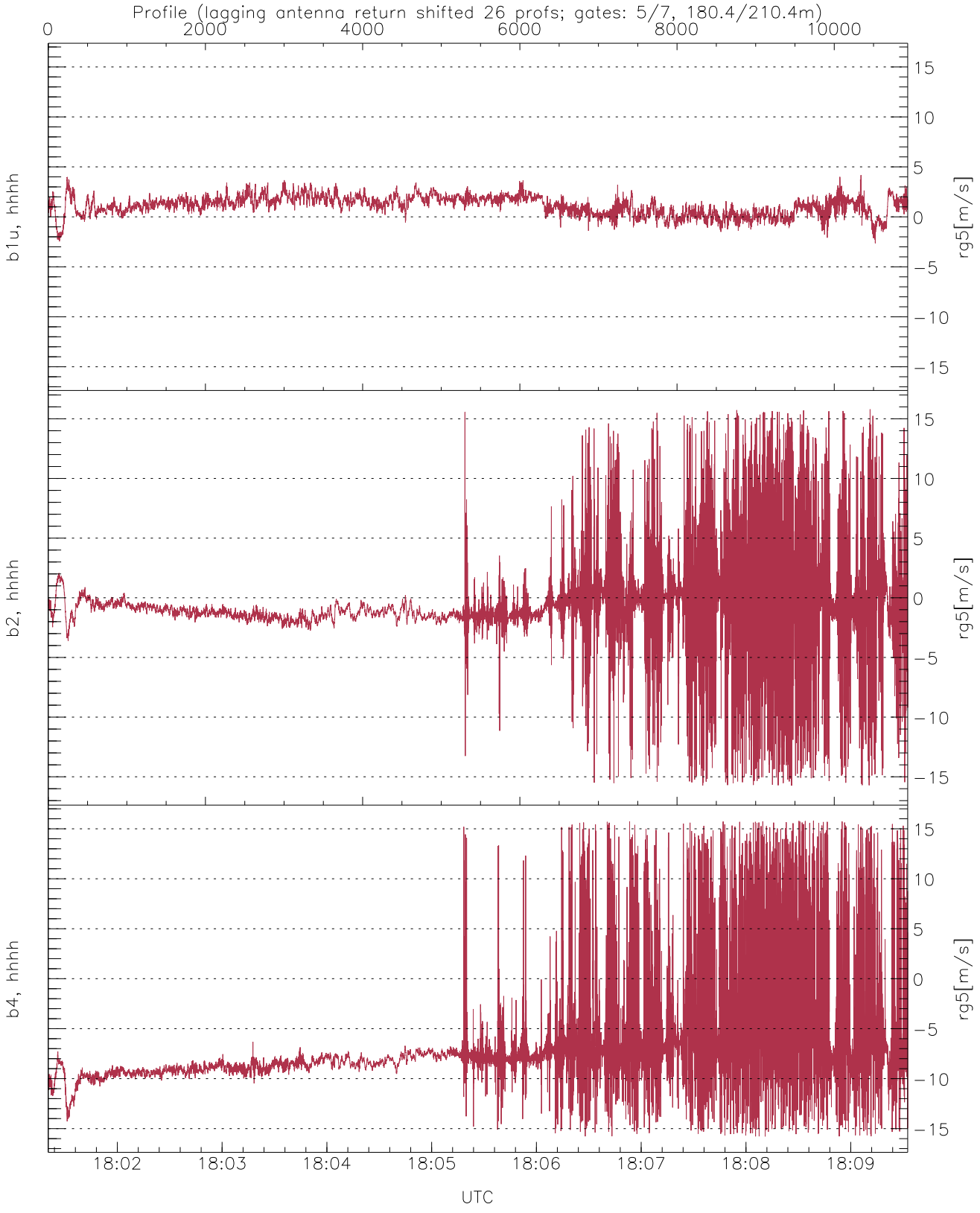
	Min	Max	Mean
up(hh[dBm])	-64.39	-42.53	-53.63
down(hh[dBm])	-66.08	-24.35	-45.75
down-fore(hh[dBm])	-65.85	-28.23	-47.42





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

	Min	Max	Mean
up/down(dB)	-32.58	19.78	0.55
down/down-fore(dB)	-33.82	34.70	1.72



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.64	4.18	1.12	0.95
b2, hhhh(rg5[m/s])	-15.75	15.79	-0.79	3.88
b4, hhhh(rg5[m/s])	-15.78	15.79	-6.35	5.59