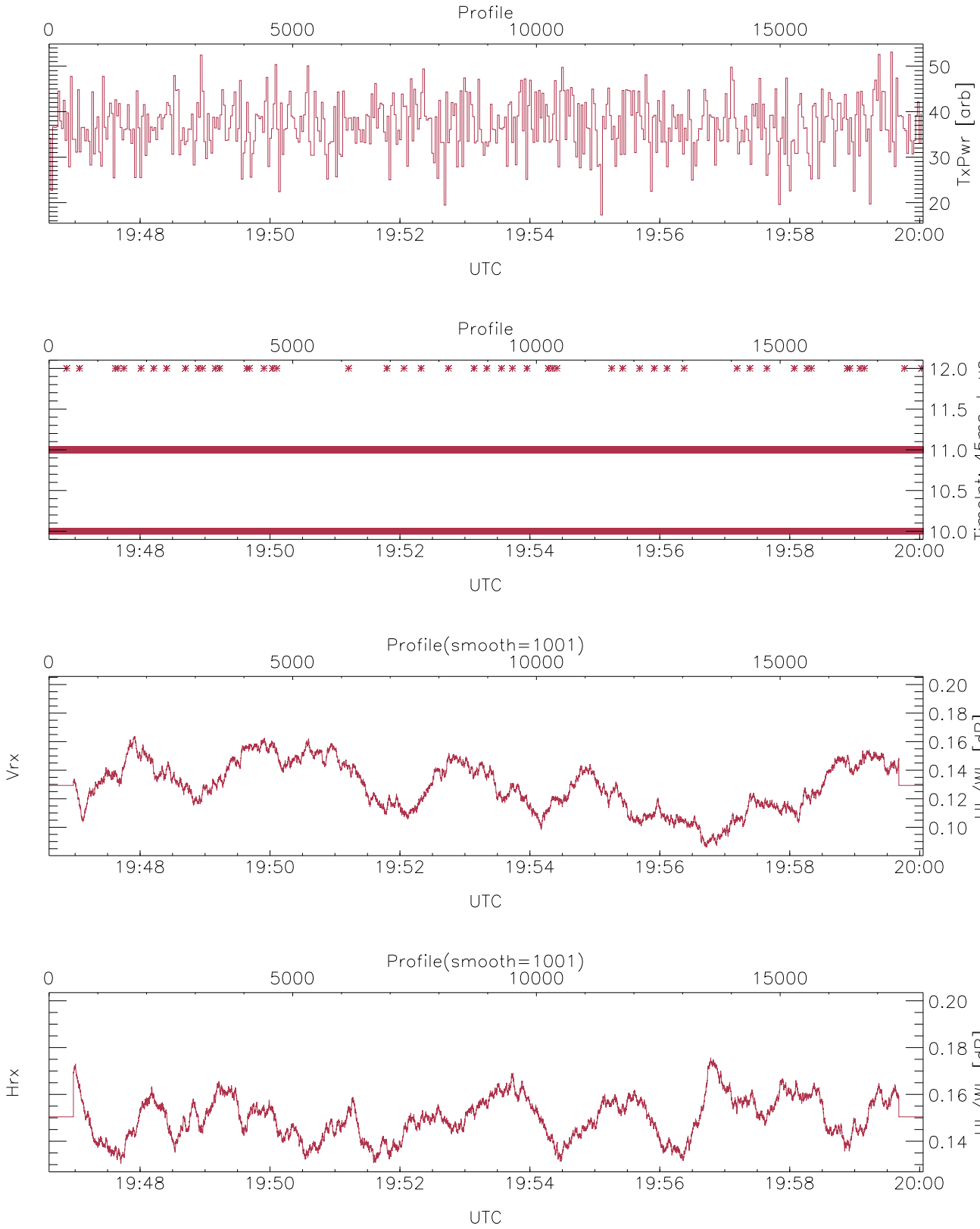
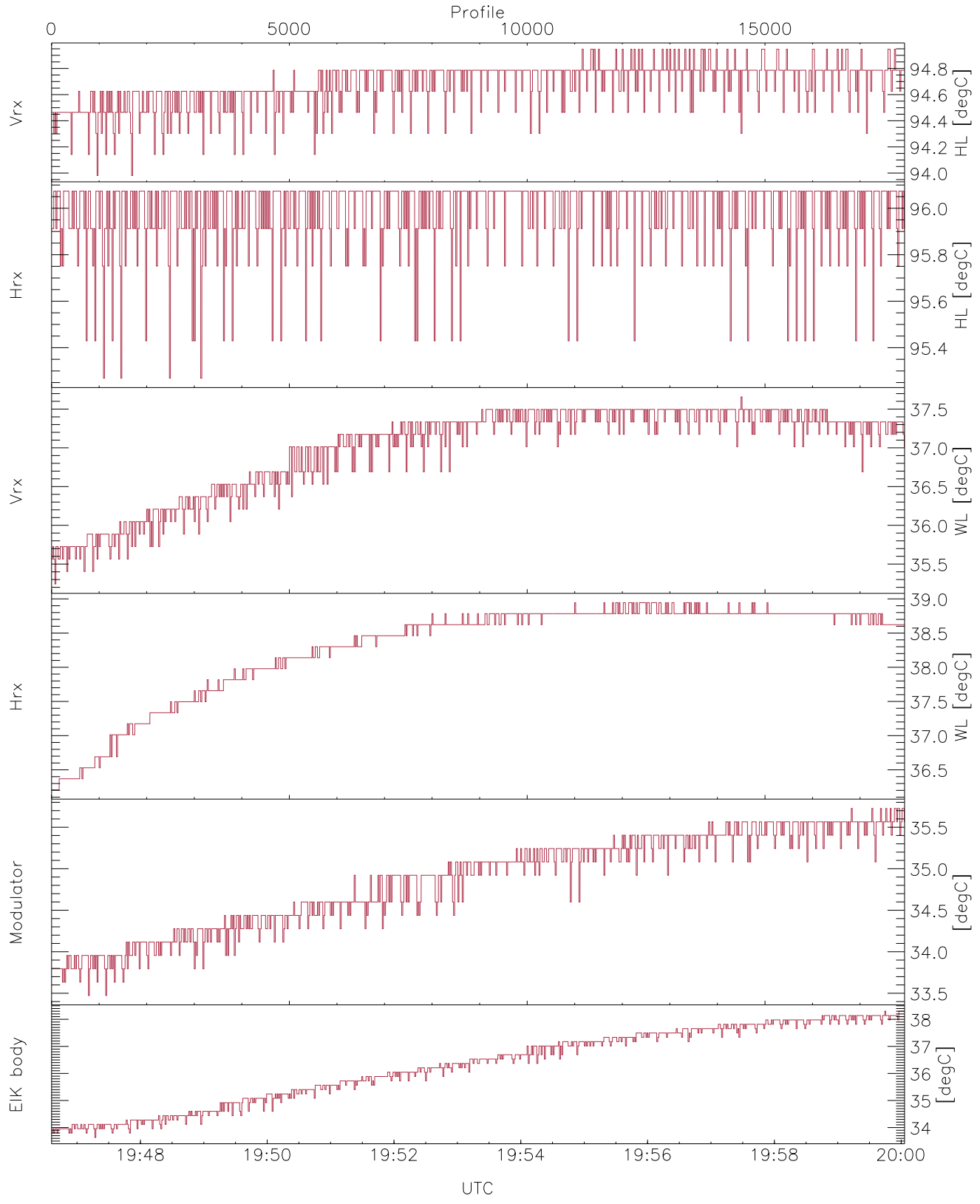


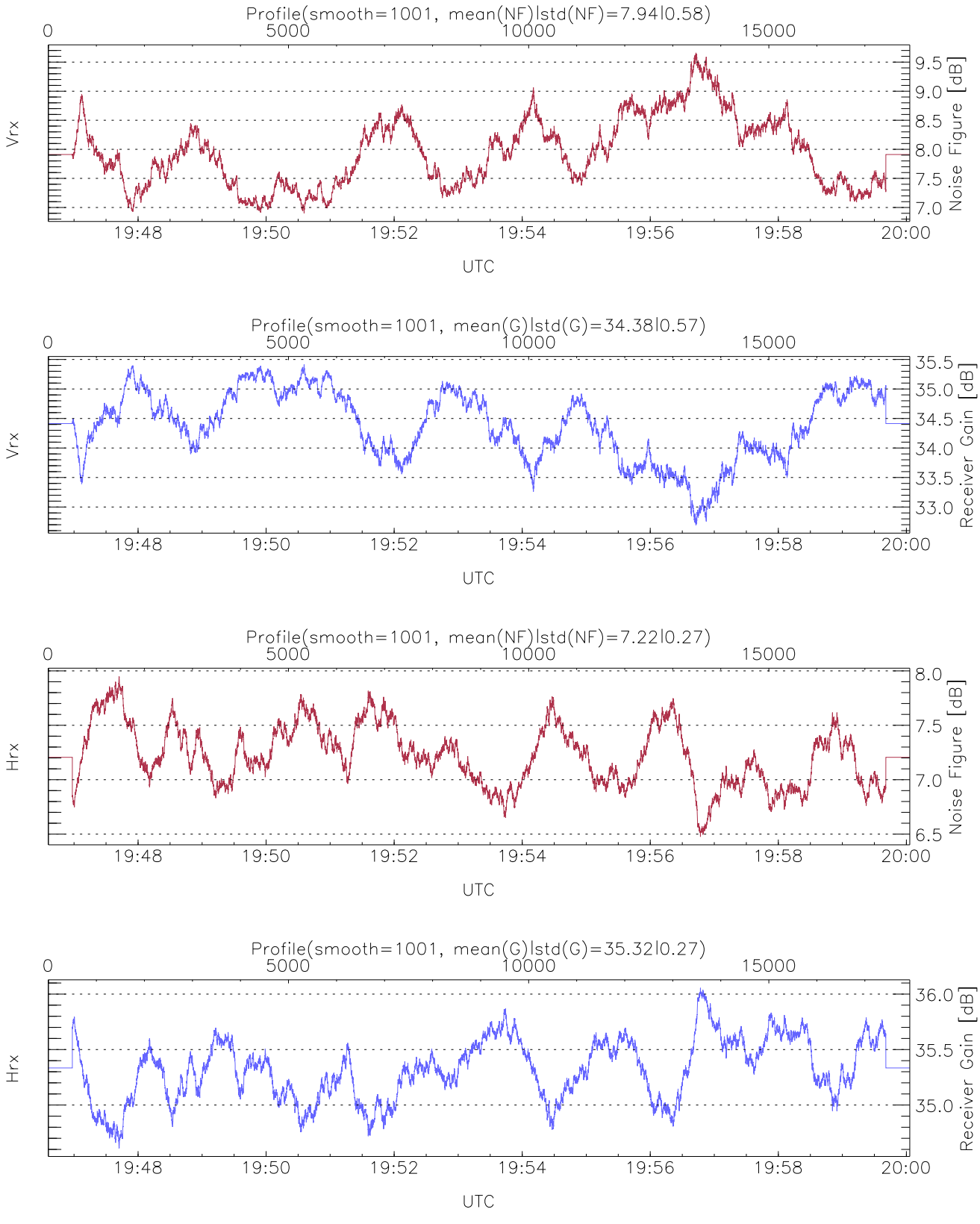
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:46:36-20:00:03, TimeCor: 0.00s, Dur: 807.28s
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): 17936/17936, 0-17935/19:46:36-20:00:03
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



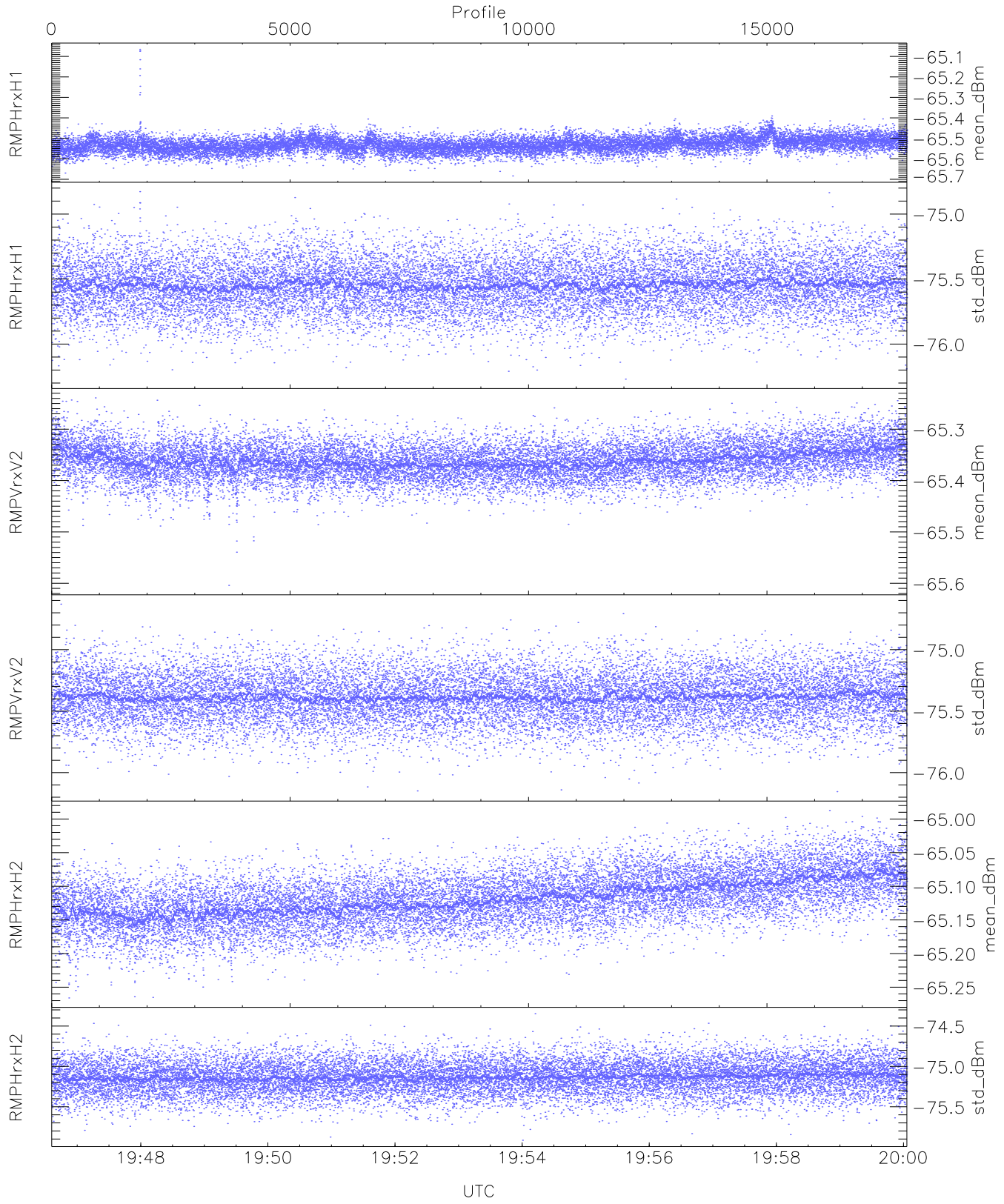
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,35,36,33,33
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,37,38,35,38
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,46,46,46)



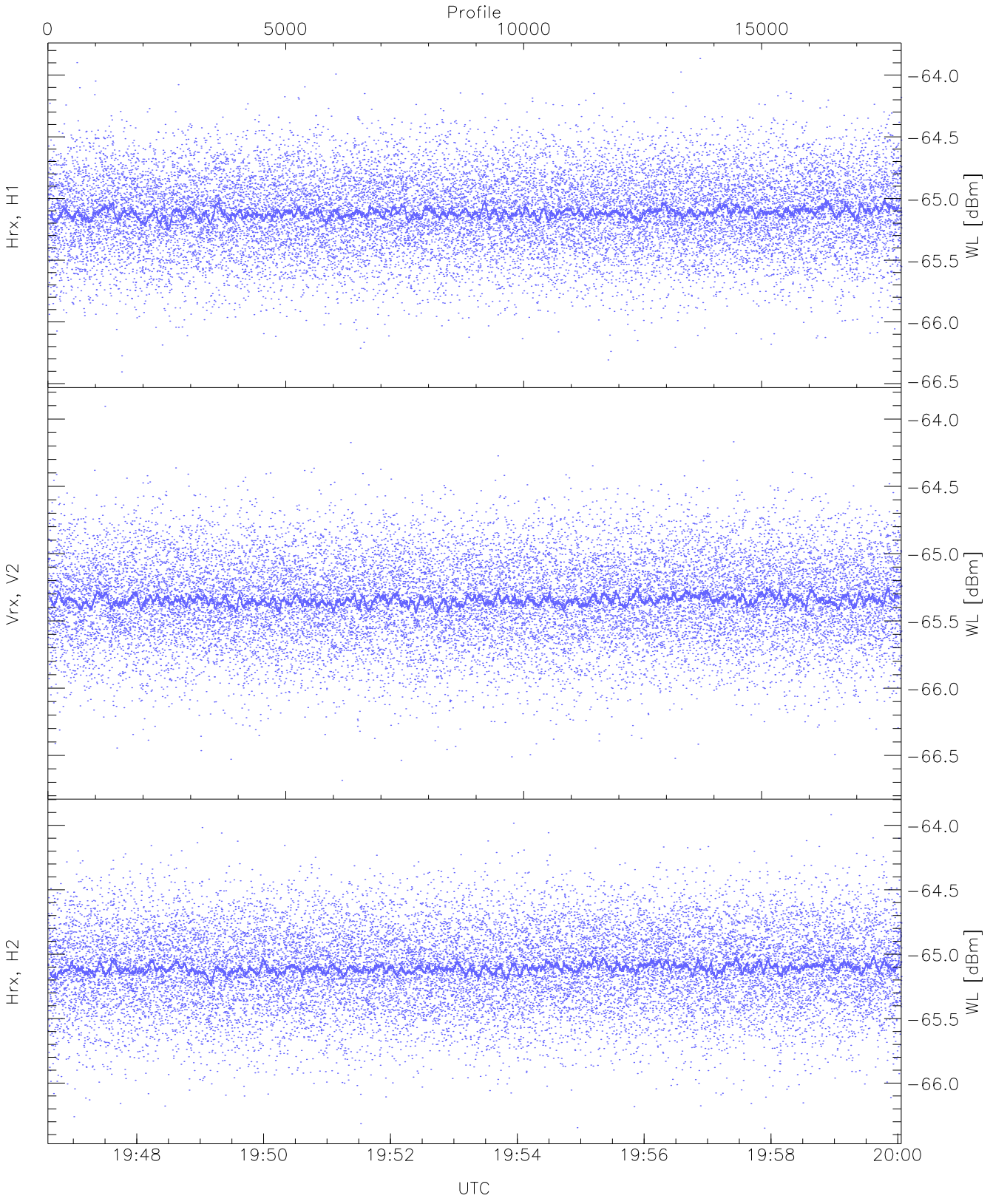
WCR3 CPP Receivers Gain and Noise Figure

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



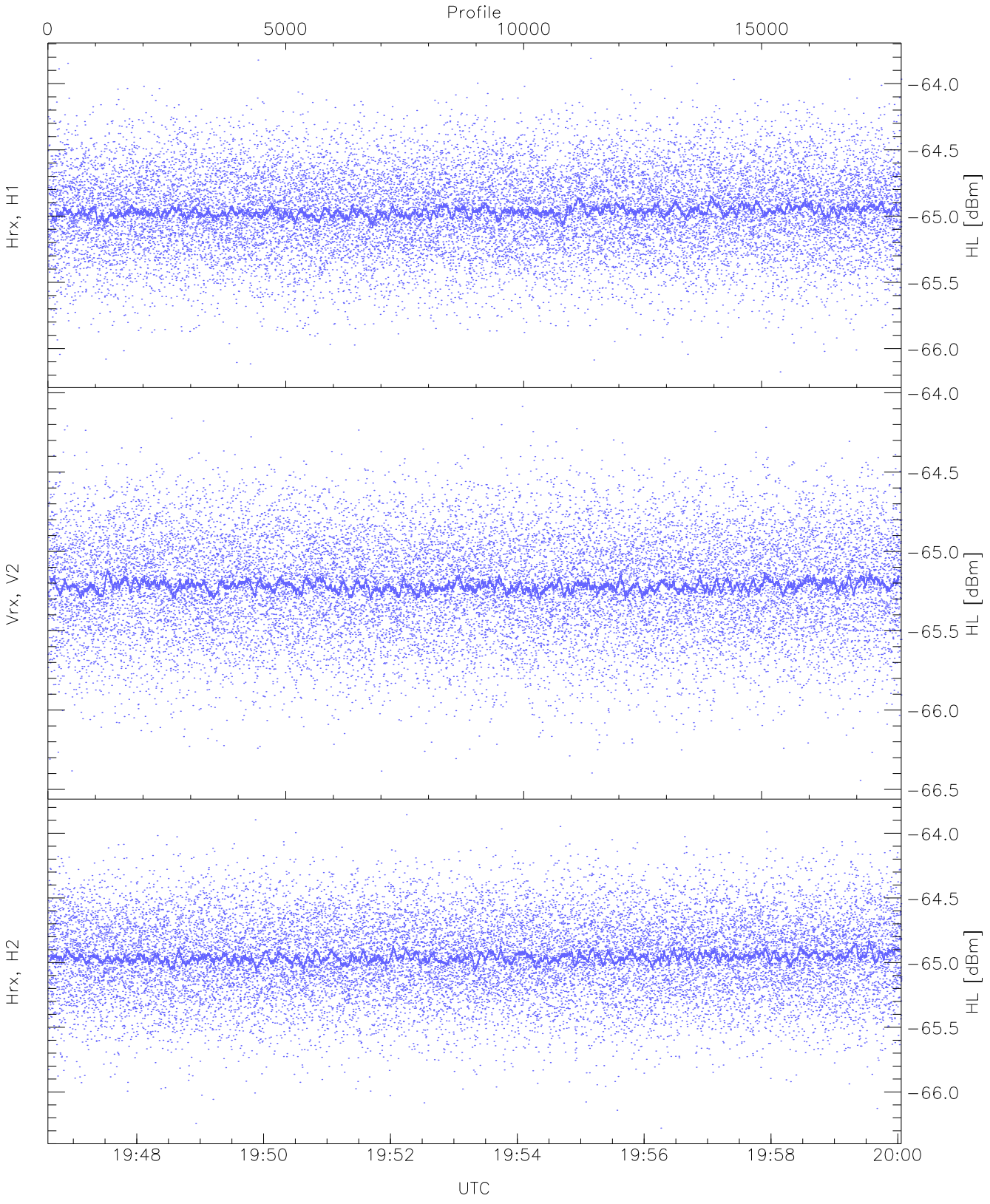
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.68	-65.07	-65.53	-65.53	-86.42
RMPHrxH1(std_dBm)	-76.27	-74.83	-75.55	-75.55	-89.30
RMPVrxV2(mean_dBm)	-65.60	-65.24	-65.36	-65.36	-86.62
RMPVrxV2(std_dBm)	-76.16	-74.63	-75.39	-75.39	-89.14
RMPHrxH2(mean_dBm)	-65.27	-64.99	-65.12	-65.12	-85.85
RMPHrxH2(std_dBm)	-75.92	-74.35	-75.13	-75.14	-88.88



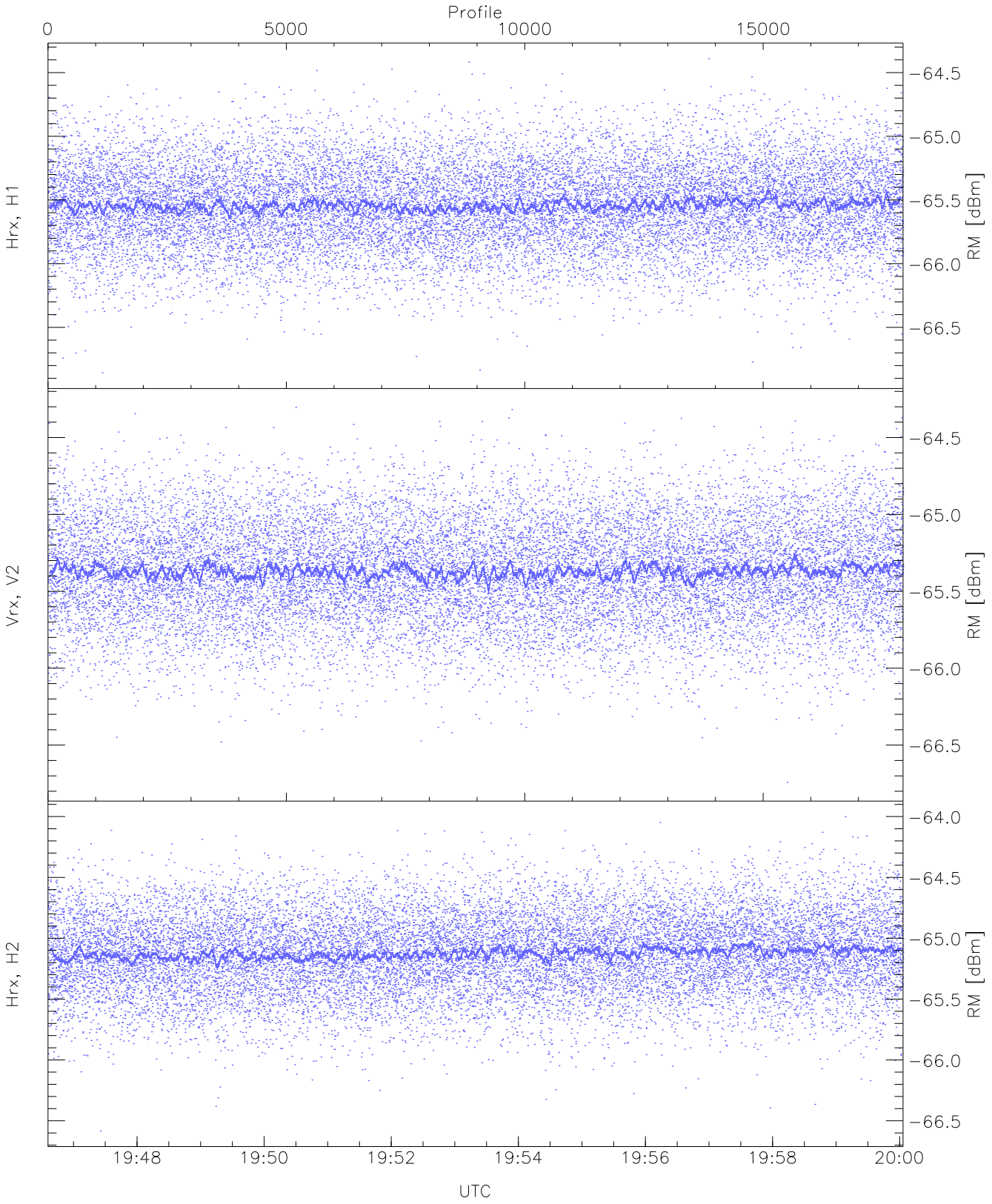
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.41	-63.87	-65.11	-65.12	-76.61
Vrx, V2(WL [dBm])	-66.69	-63.90	-65.34	-65.35	-76.81
Hrx, H2(WL [dBm])	-66.35	-63.92	-65.10	-65.11	-76.62



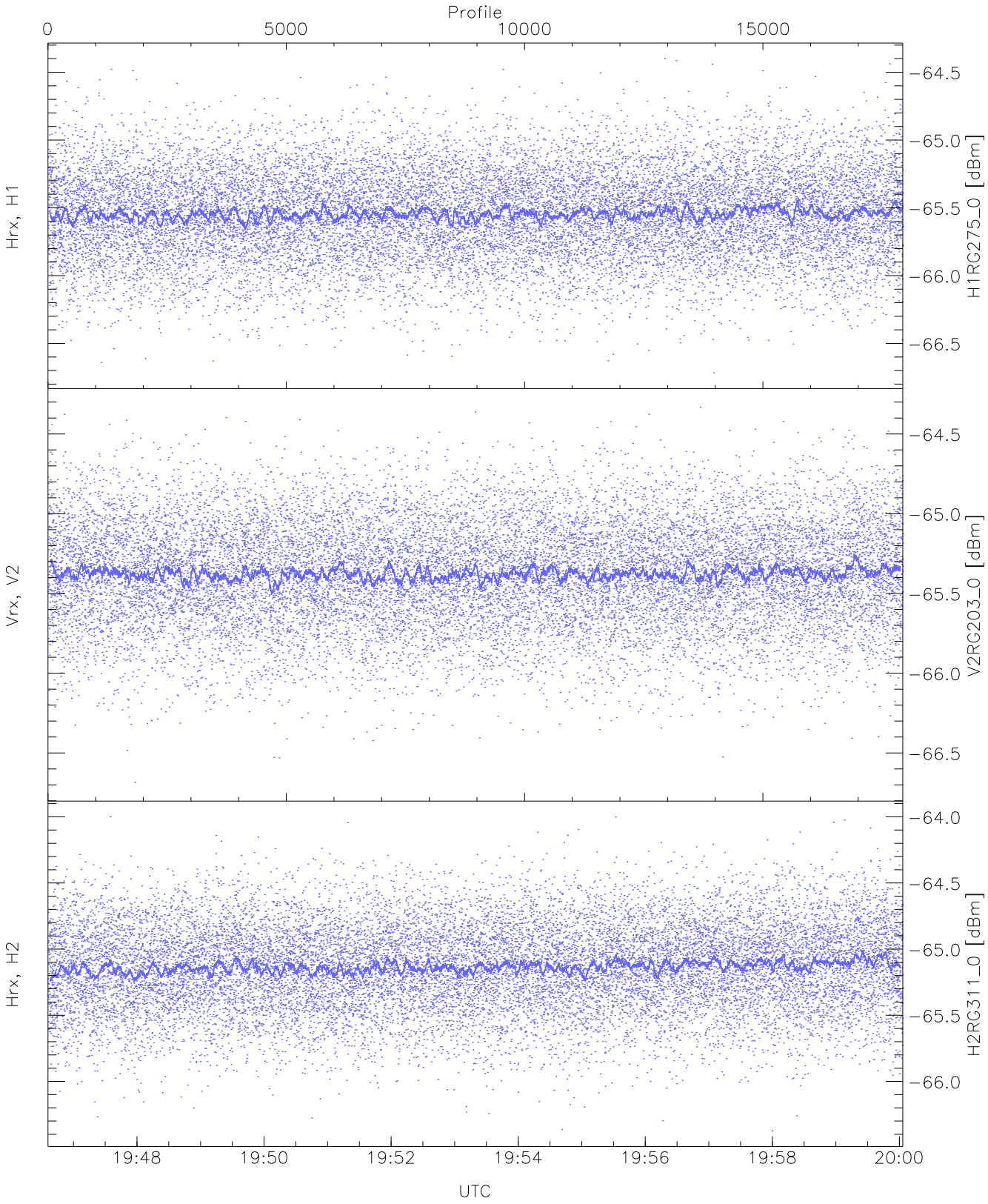
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.18	-63.81	-64.96	-64.97	-76.46
Vrx, V2(HL [dBm])	-66.44	-64.09	-65.21	-65.22	-76.72
Hrx, H2(HL [dBm])	-66.28	-63.86	-64.95	-64.96	-76.49



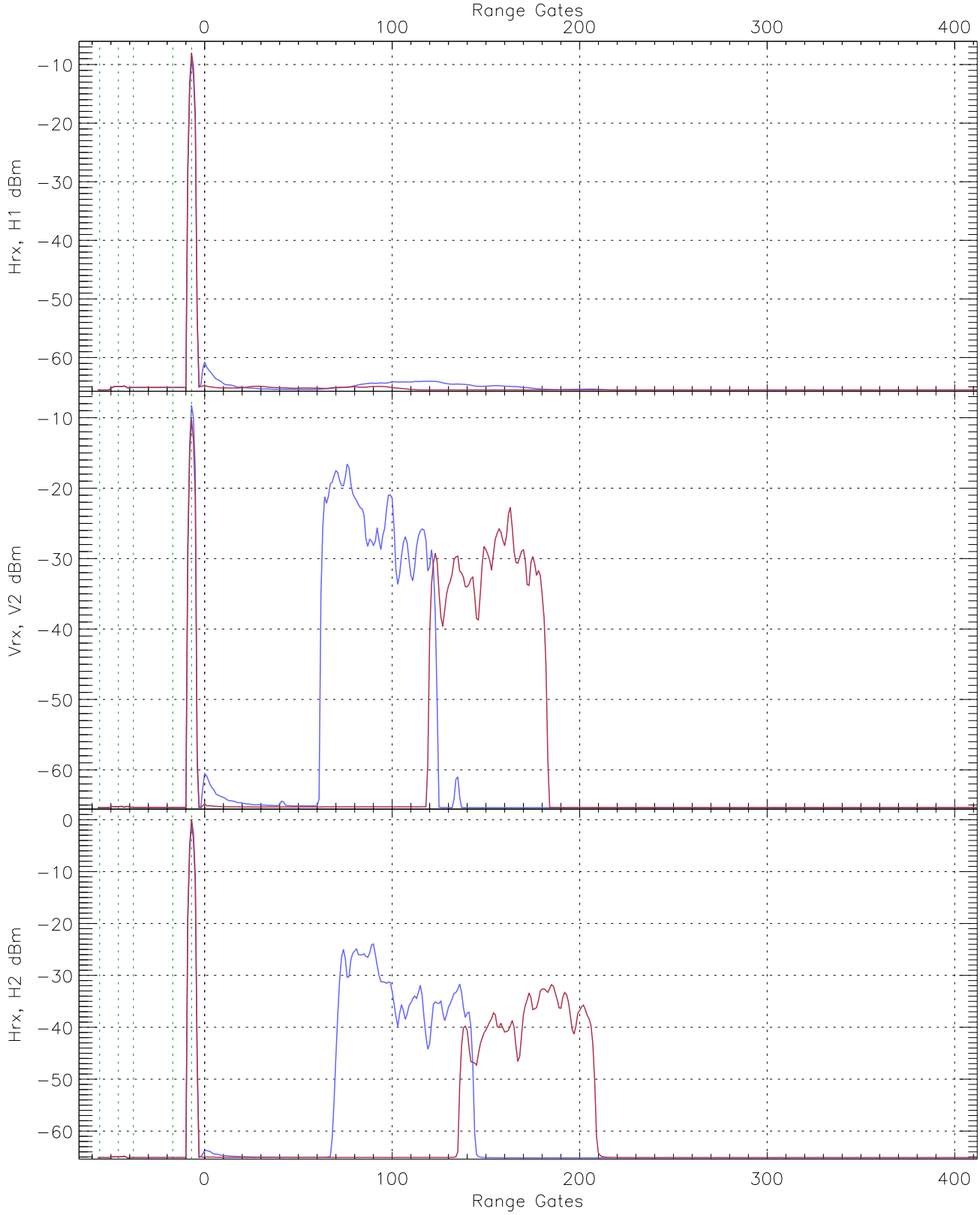
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.86	-64.39	-65.53	-65.54	-77.03
Vrx, V2(RM [dBm])	-66.74	-64.30	-65.36	-65.37	-76.89
Hrx, H2(RM [dBm])	-66.58	-64.00	-65.12	-65.12	-76.64

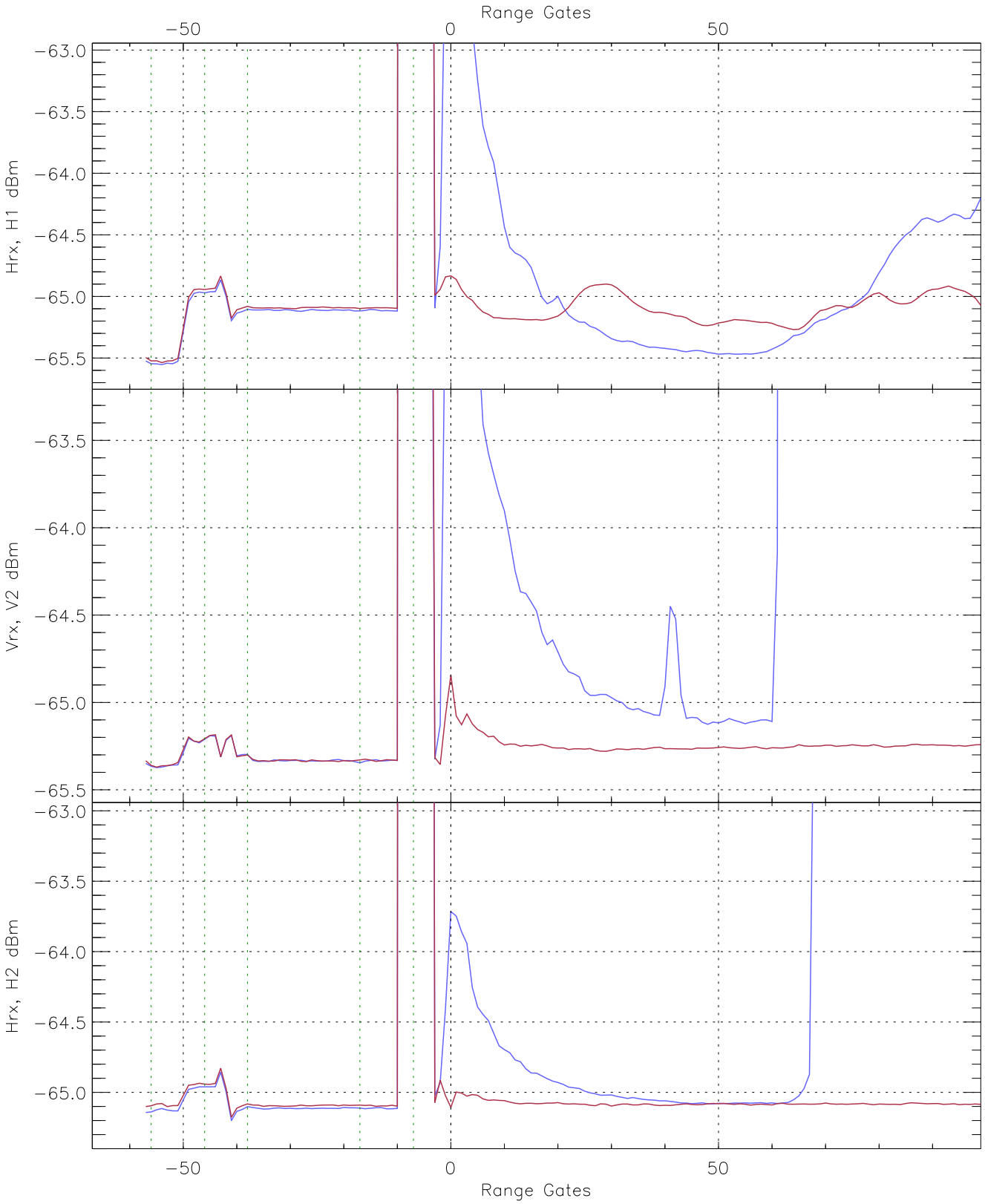


WCR3 CPP "Best" estimate Receivers Noise Power

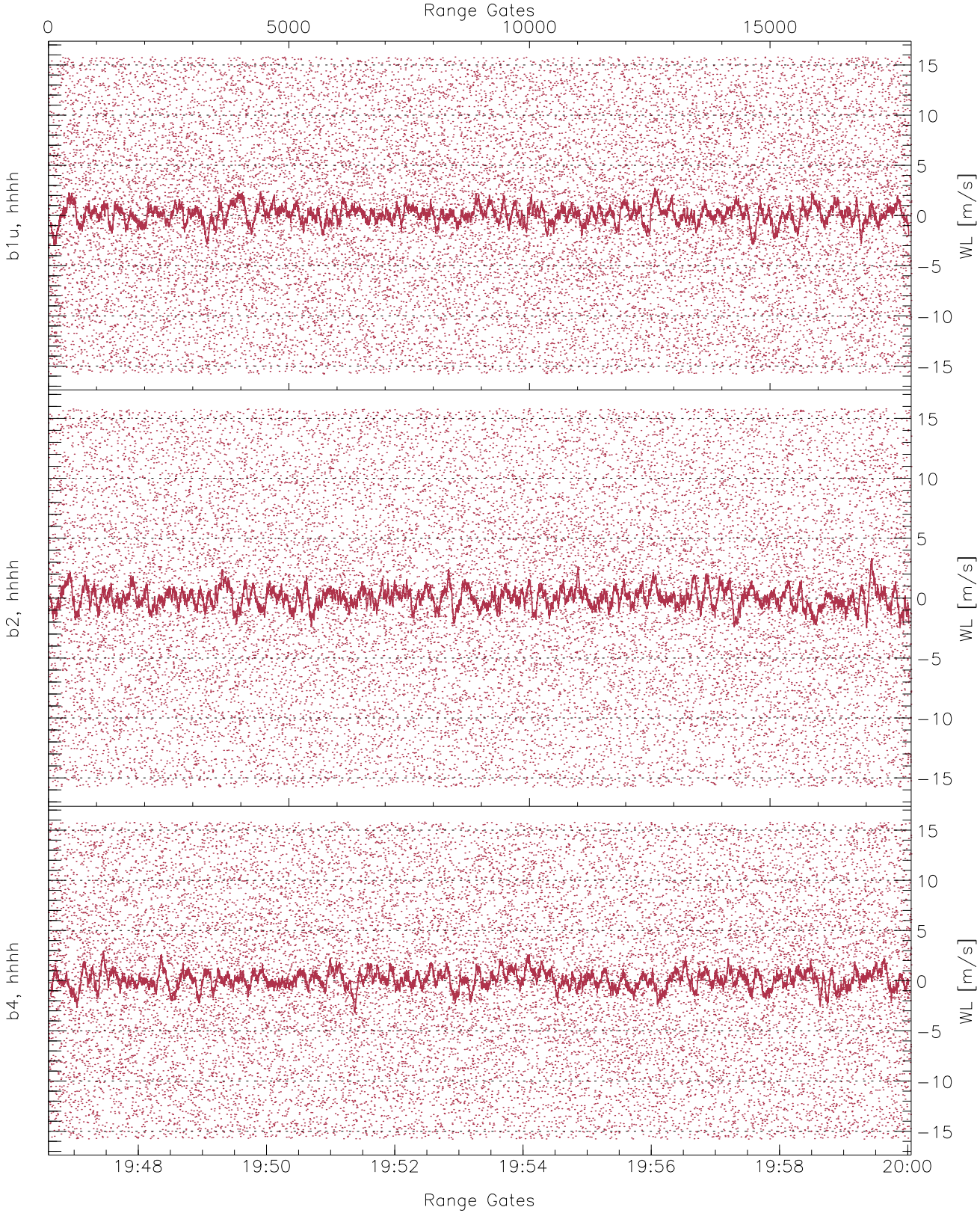
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-66.72	-64.40	-65.54	-65.54	-77.02
V2RG203_0 [dBm]	-66.68	-64.33	-65.37	-65.37	-76.90
H2RG311_0 [dBm]	-66.37	-64.00	-65.13	-65.13	-76.60



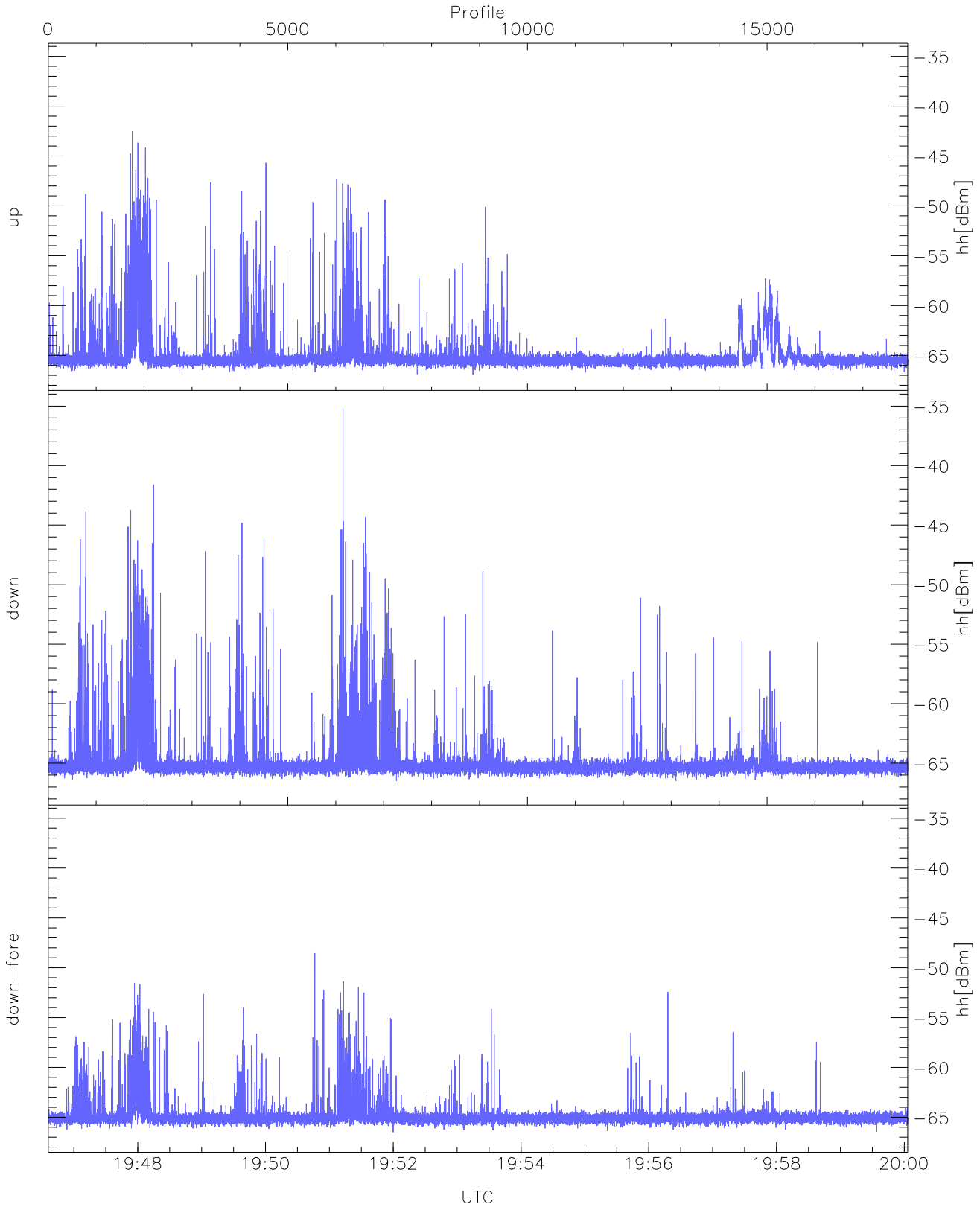
WCR3 CPP Averaged Received power for all recorded gates
blue: 194636-195320, 8969 profiles averaged
red: 195320-200003, 8968 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 194636-195320, 8969 profiles averaged
red: 195320-200003, 8968 profiles averaged

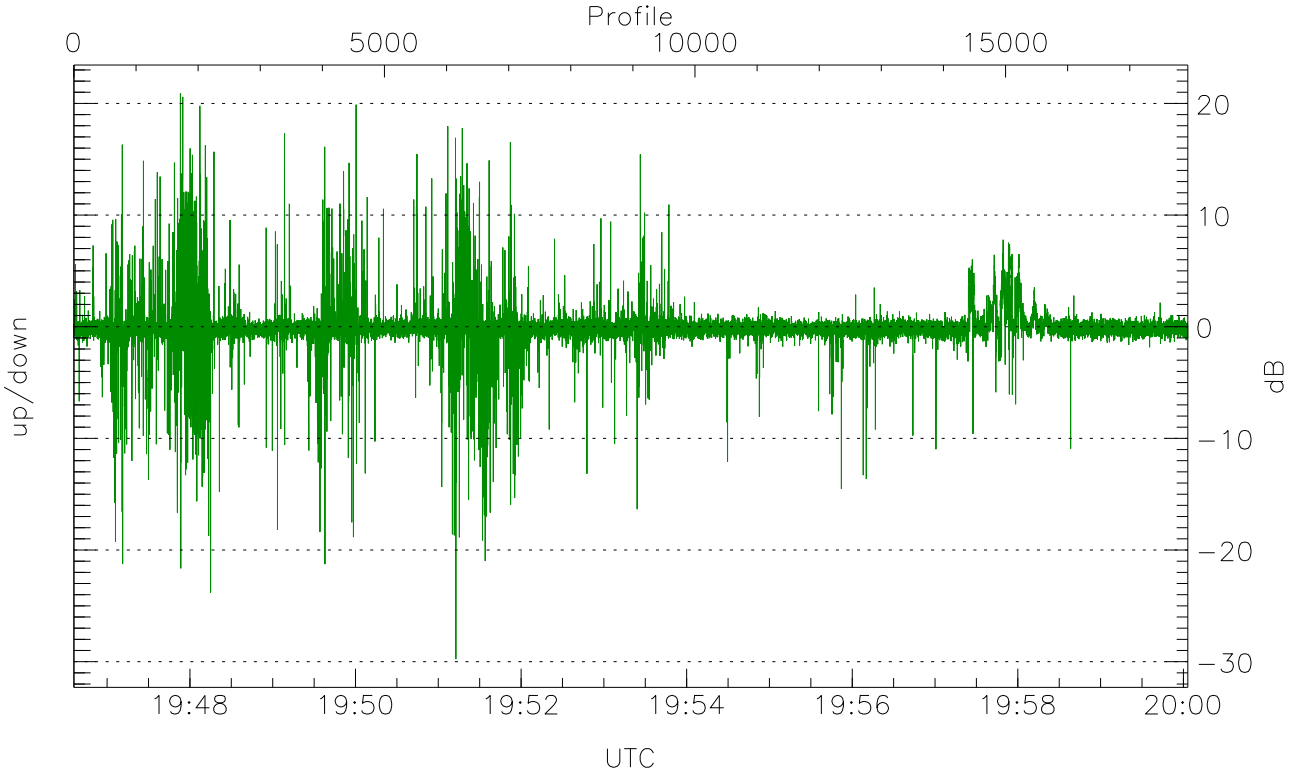


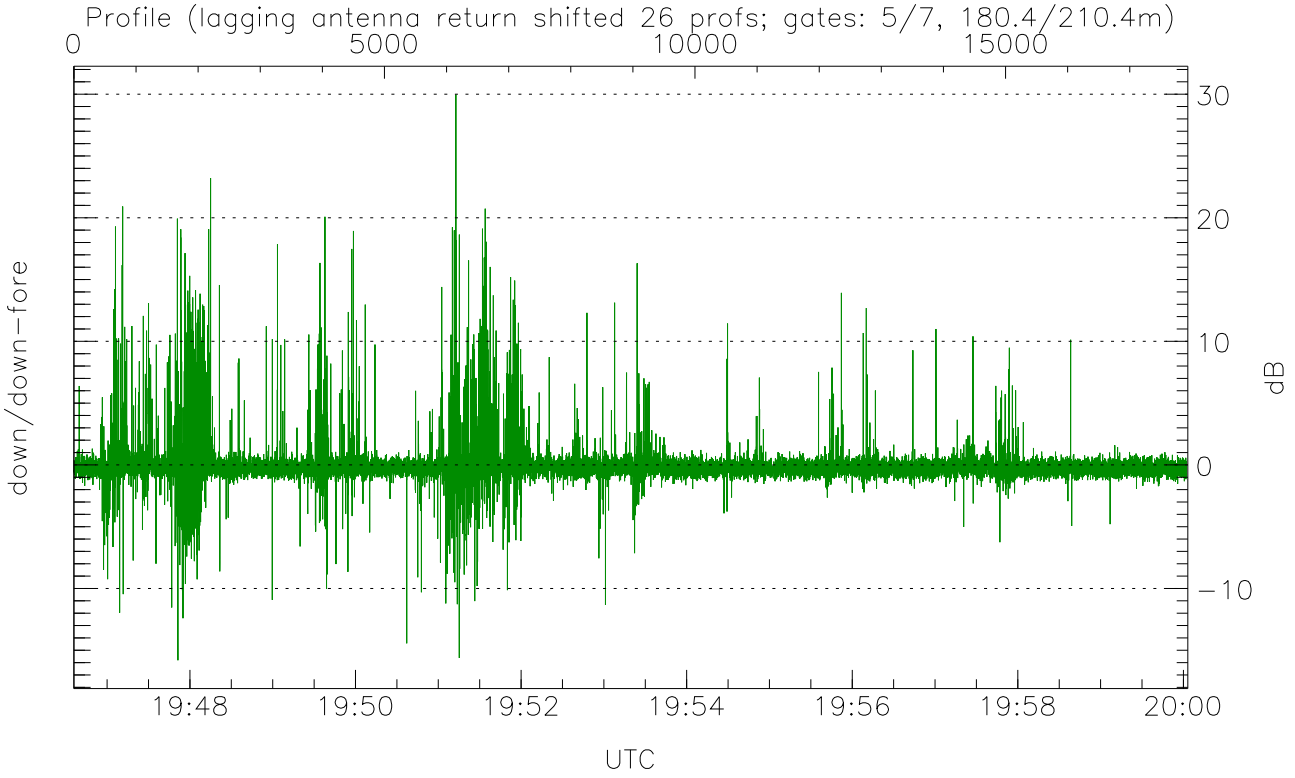
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

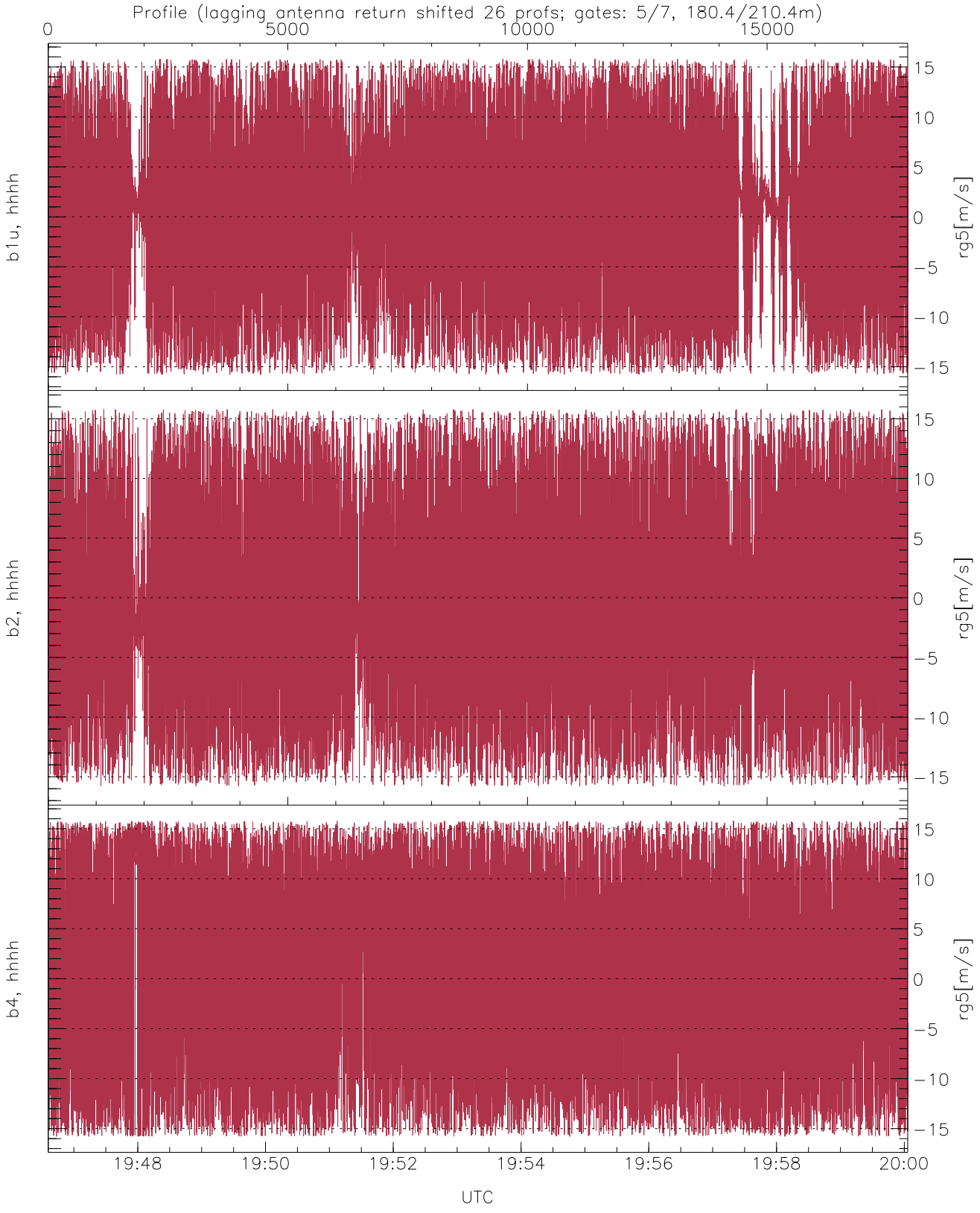
	Min	Max	Mean
up(hh[dBm])	-66.94	-42.53	-64.07
down(hh[dBm])	-66.49	-35.27	-63.85
down-fore(hh[dBm])	-66.51	-48.53	-64.70





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

	Min	Max	Mean
up/down(dB)	-29.77	20.91	-0.05
down/down-fore(dB)	-15.81	29.97	-0.05



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.43	7.83
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.37	7.94
b4, hhhh(rg5[m/s])	-15.79	15.79	0.67	9.21