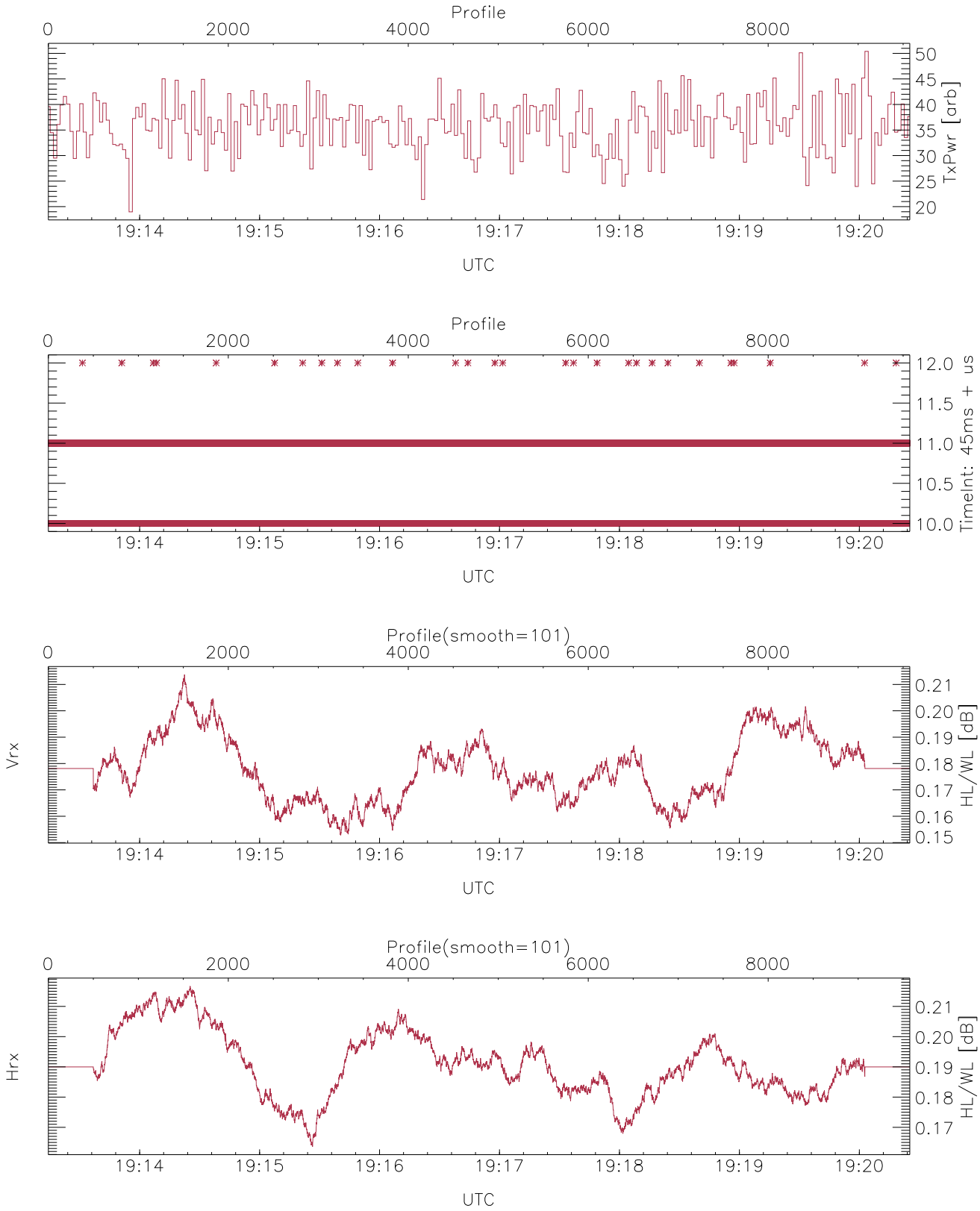
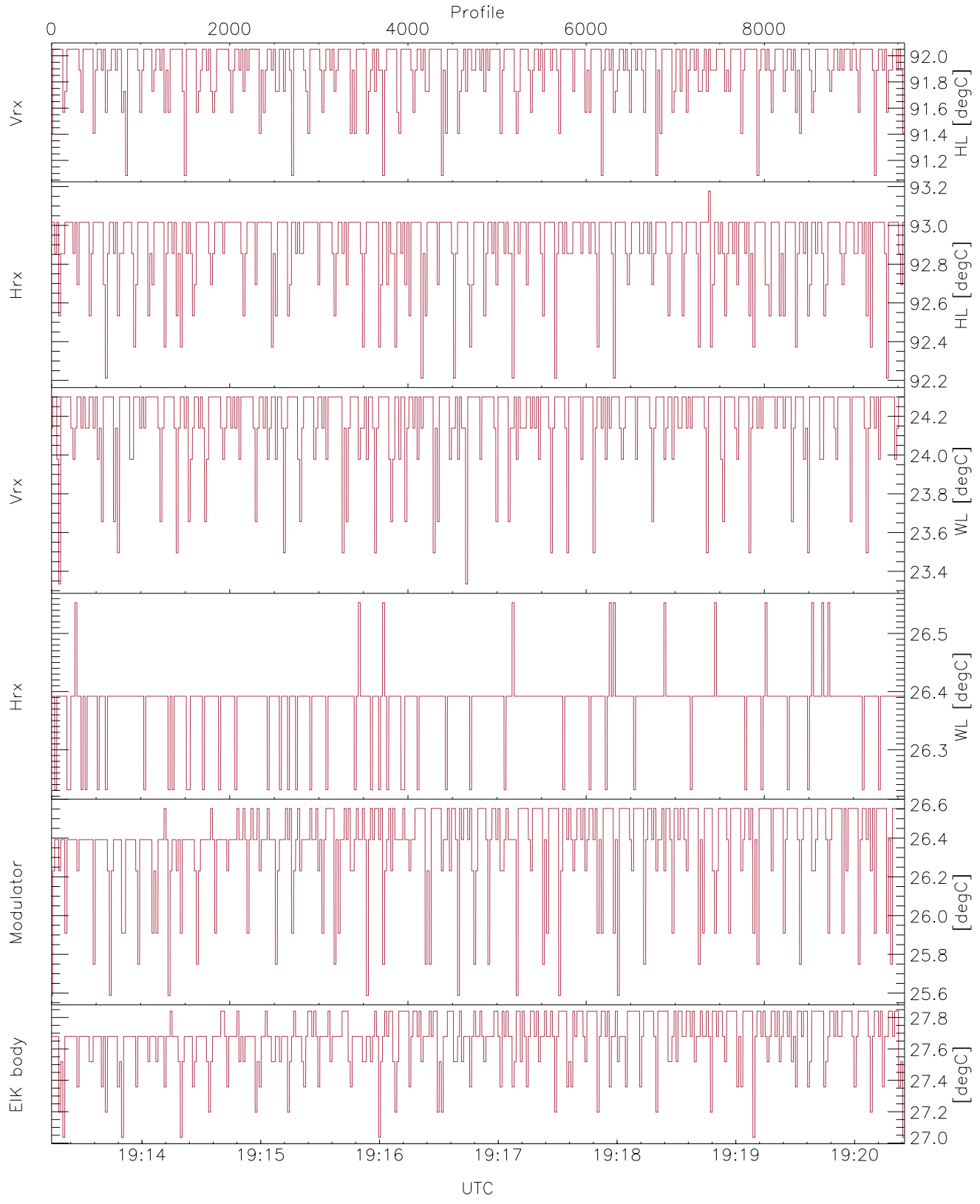


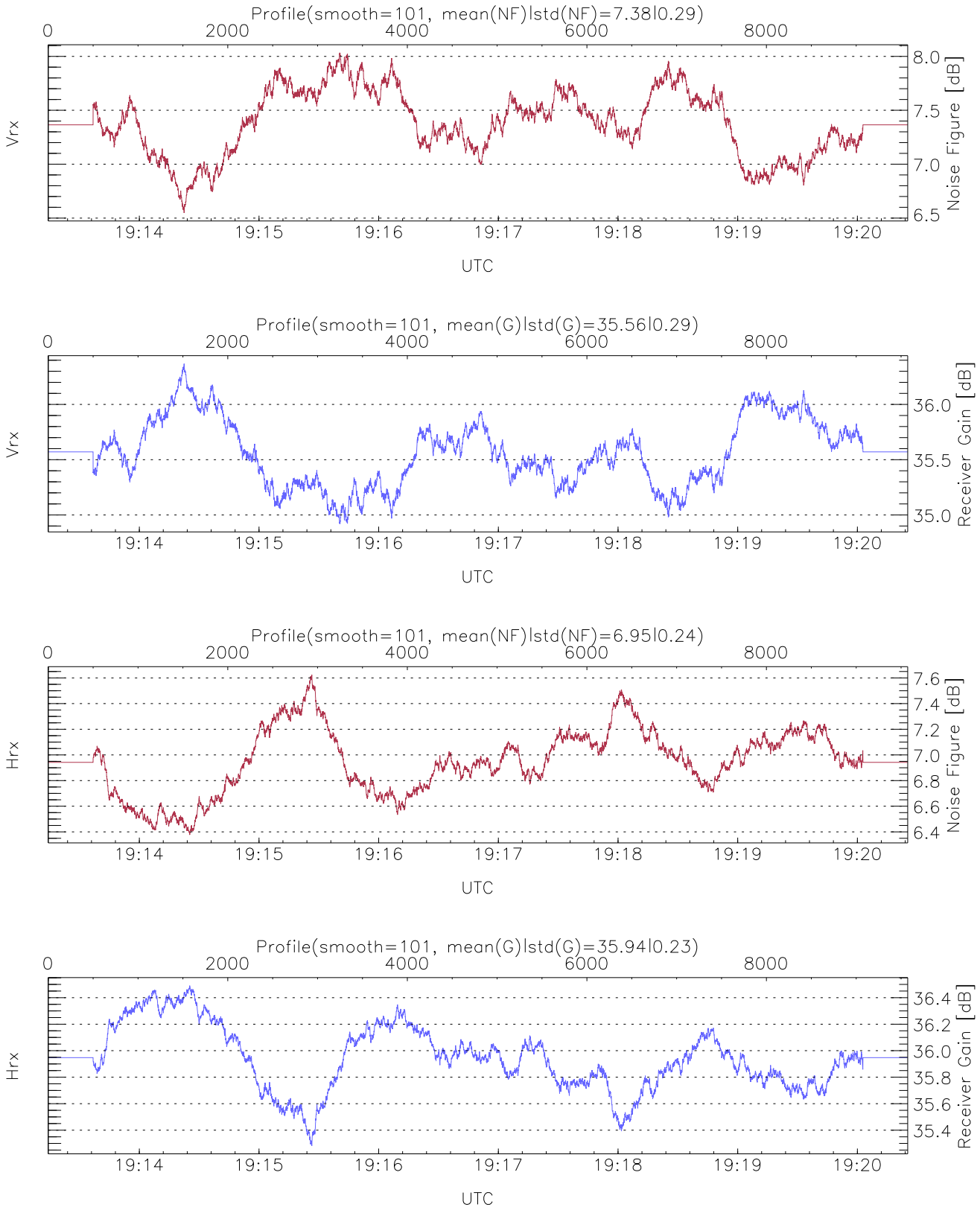
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:13:14-19:20:25, TimeCor: 0.00s, Dur: 430.94s
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): 9575/9575, 0-9574/19:13:14-19:20:25
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



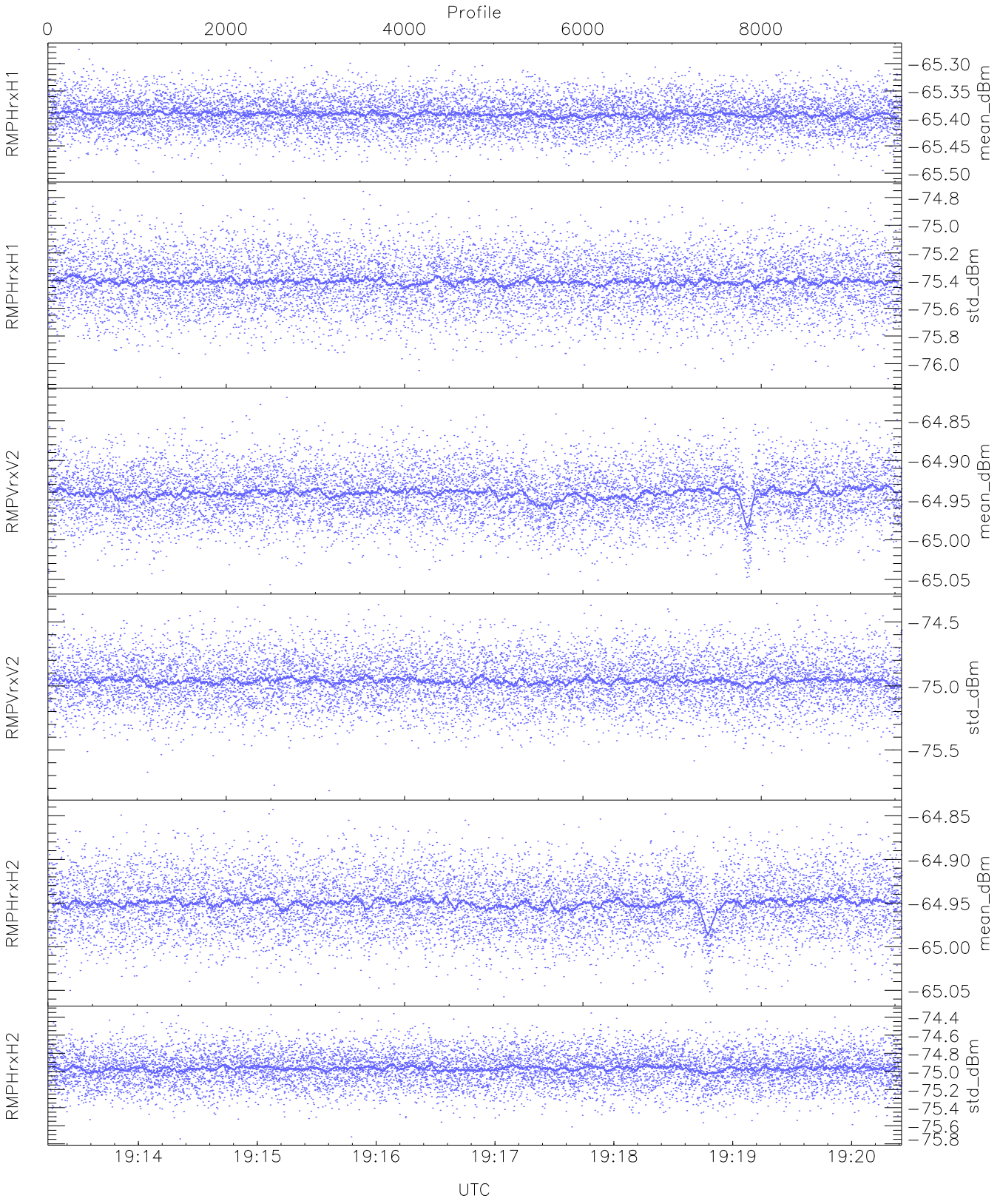
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



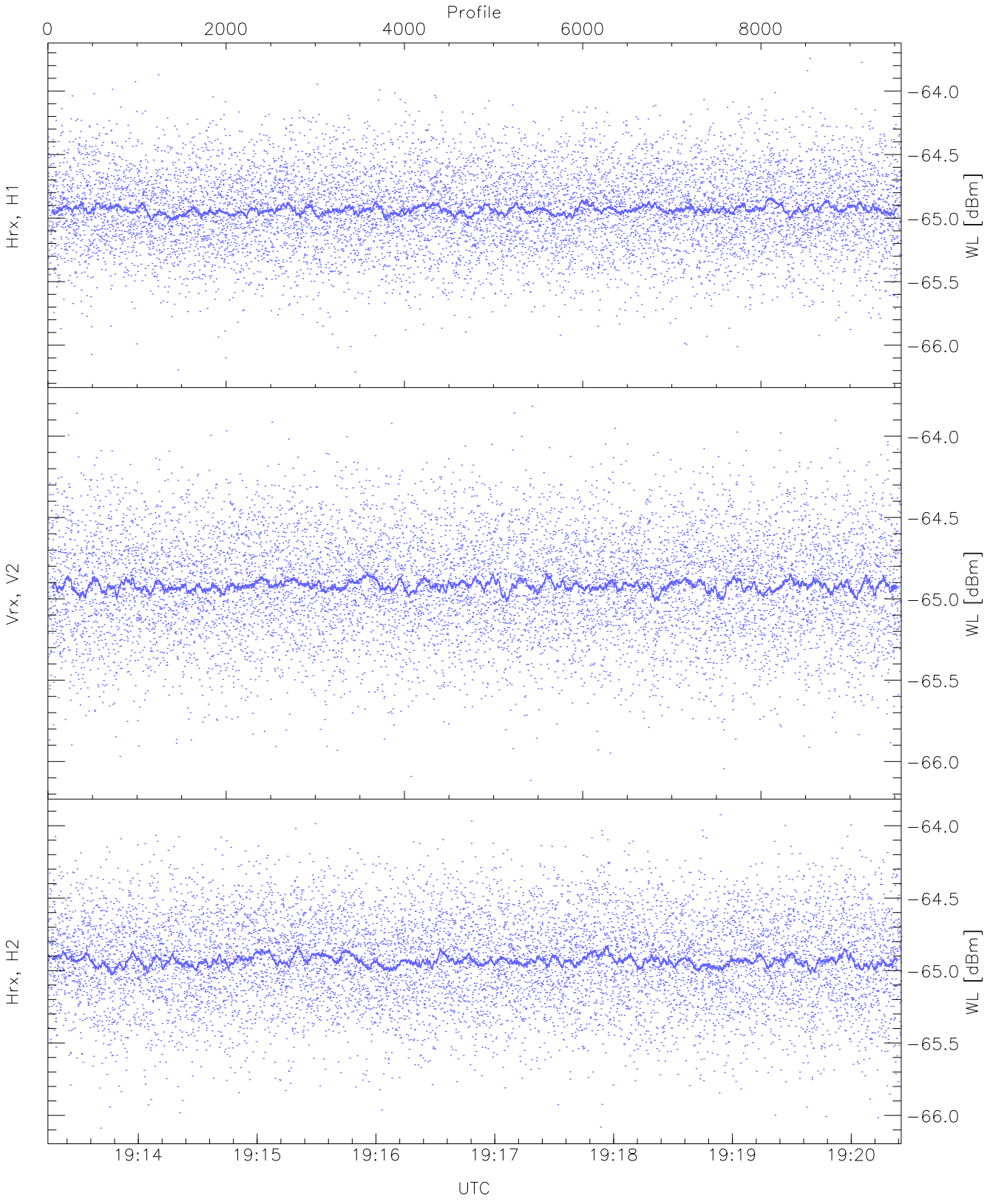
WCR3 CPP Receivers Gain and Noise Figure

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



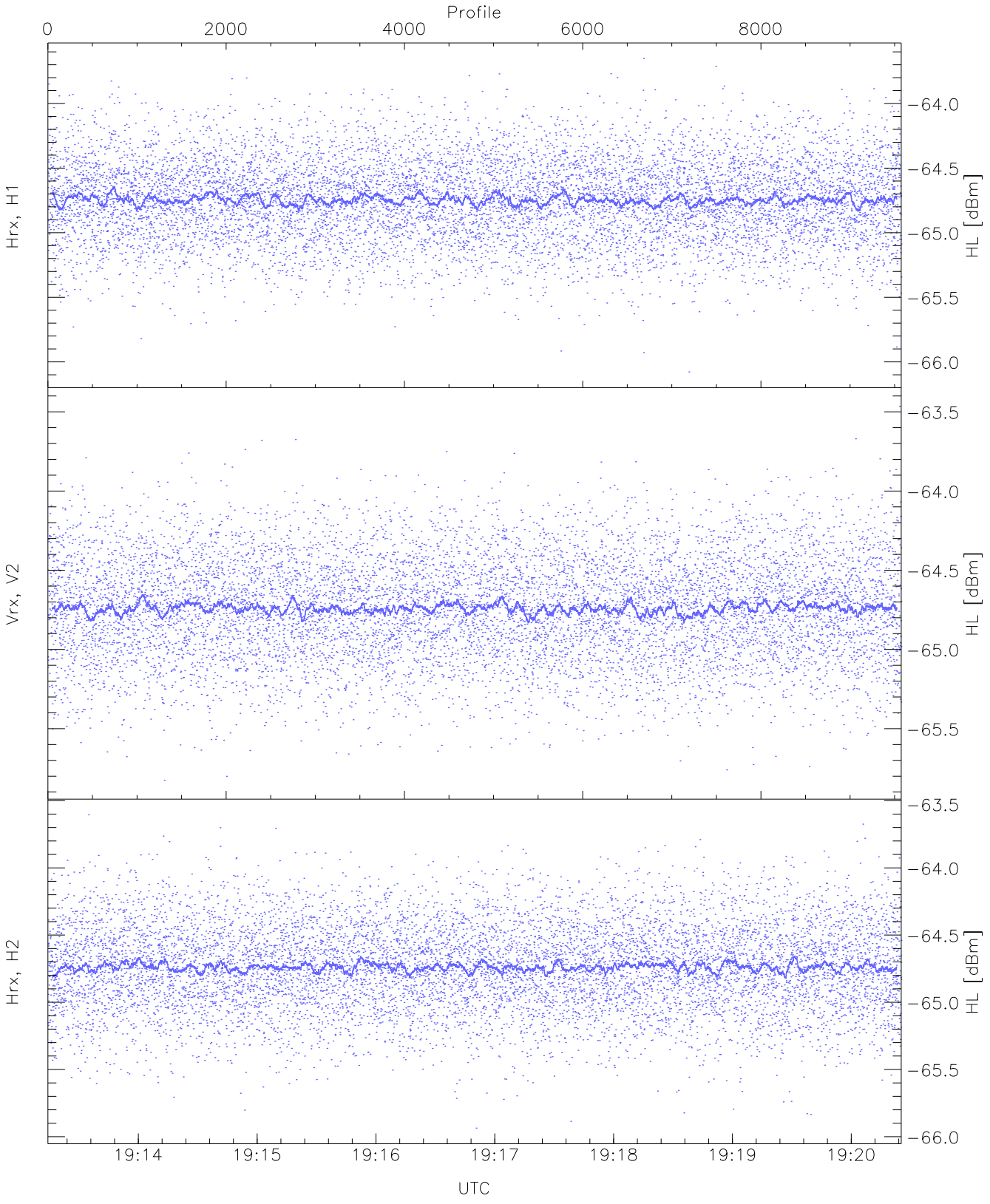
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.27	-65.39	-65.39	-86.99
RMPHrxH1(std_dBm)	-76.11	-74.76	-75.40	-75.41	-89.17
RMPVrxV2(mean_dBm)	-65.06	-64.82	-64.94	-64.94	-86.43
RMPVrxV2(std_dBm)	-75.82	-74.36	-74.96	-74.96	-88.77
RMPHrxH2(mean_dBm)	-65.06	-64.84	-64.95	-64.95	-86.49
RMPHrxH2(std_dBm)	-75.74	-74.35	-74.97	-74.97	-88.77



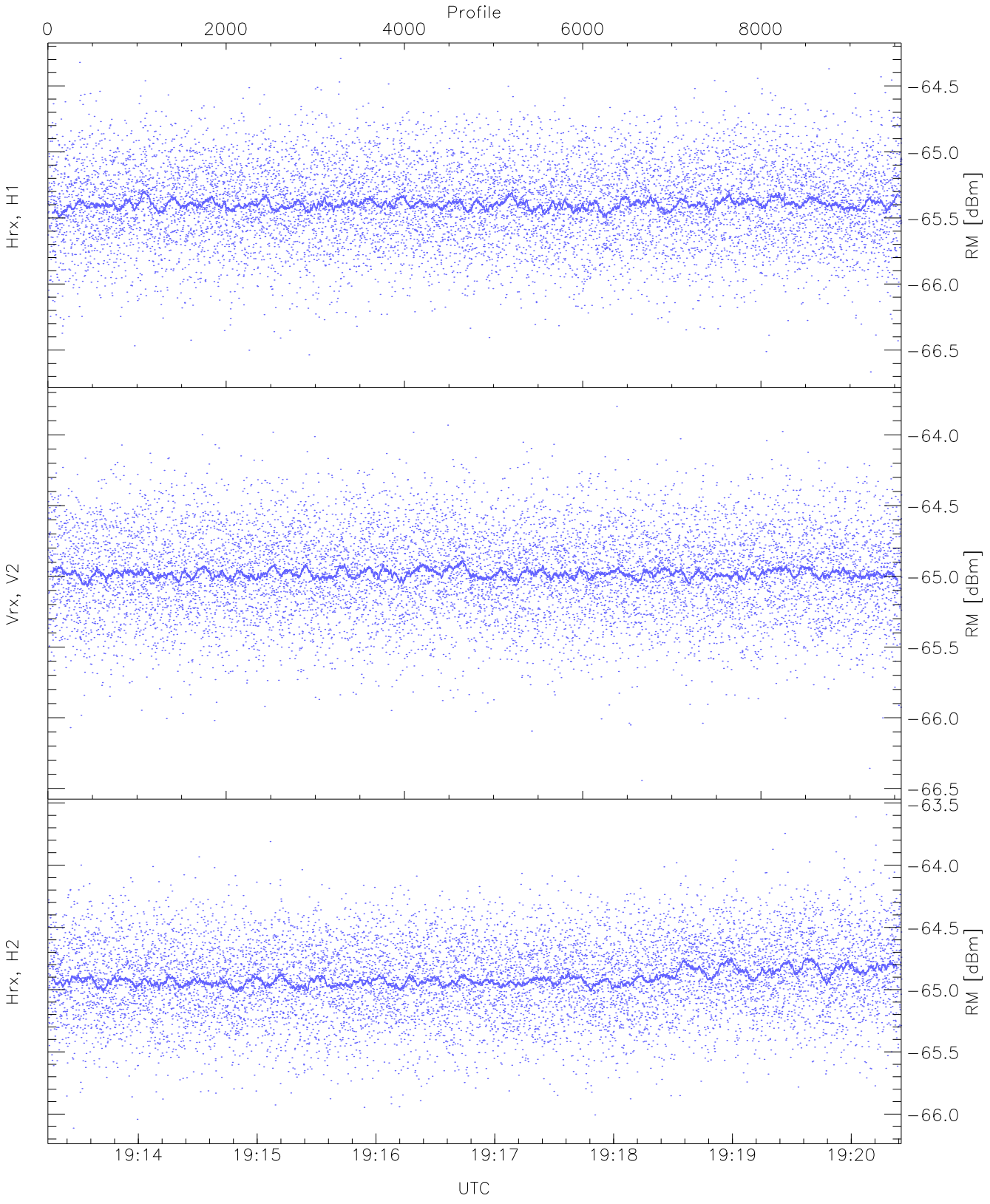
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.21	-63.74	-64.93	-64.93	-76.40
Vrx, V2(WL [dBm])	-66.12	-63.82	-64.91	-64.92	-76.36
Hrx, H2(WL [dBm])	-66.09	-63.92	-64.92	-64.93	-76.46



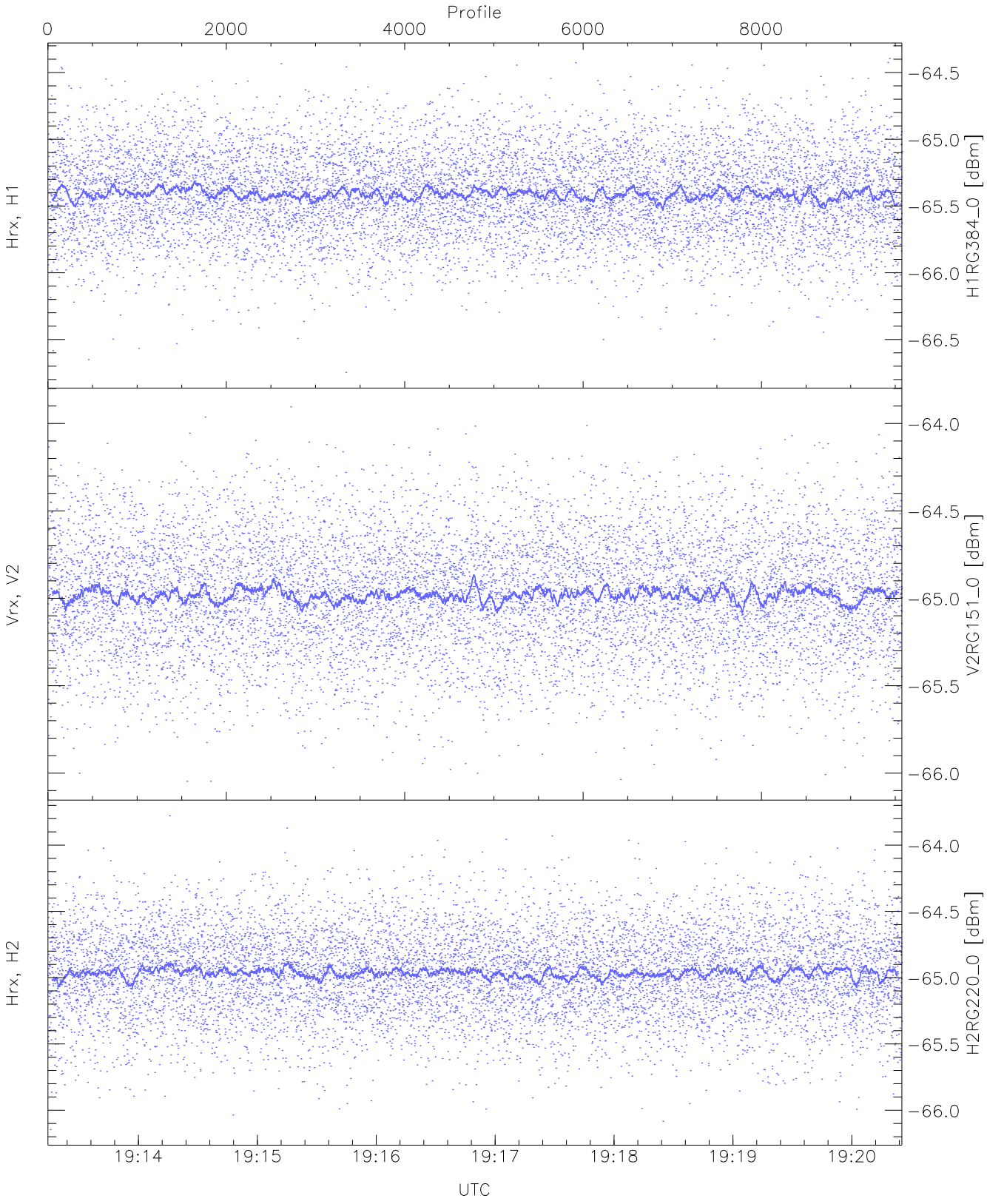
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.08	-63.65	-64.74	-64.74	-76.29
Vrx, V2(HL [dBm])	-65.83	-63.47	-64.73	-64.74	-76.21
Hrx, H2(HL [dBm])	-65.94	-63.60	-64.73	-64.74	-76.23



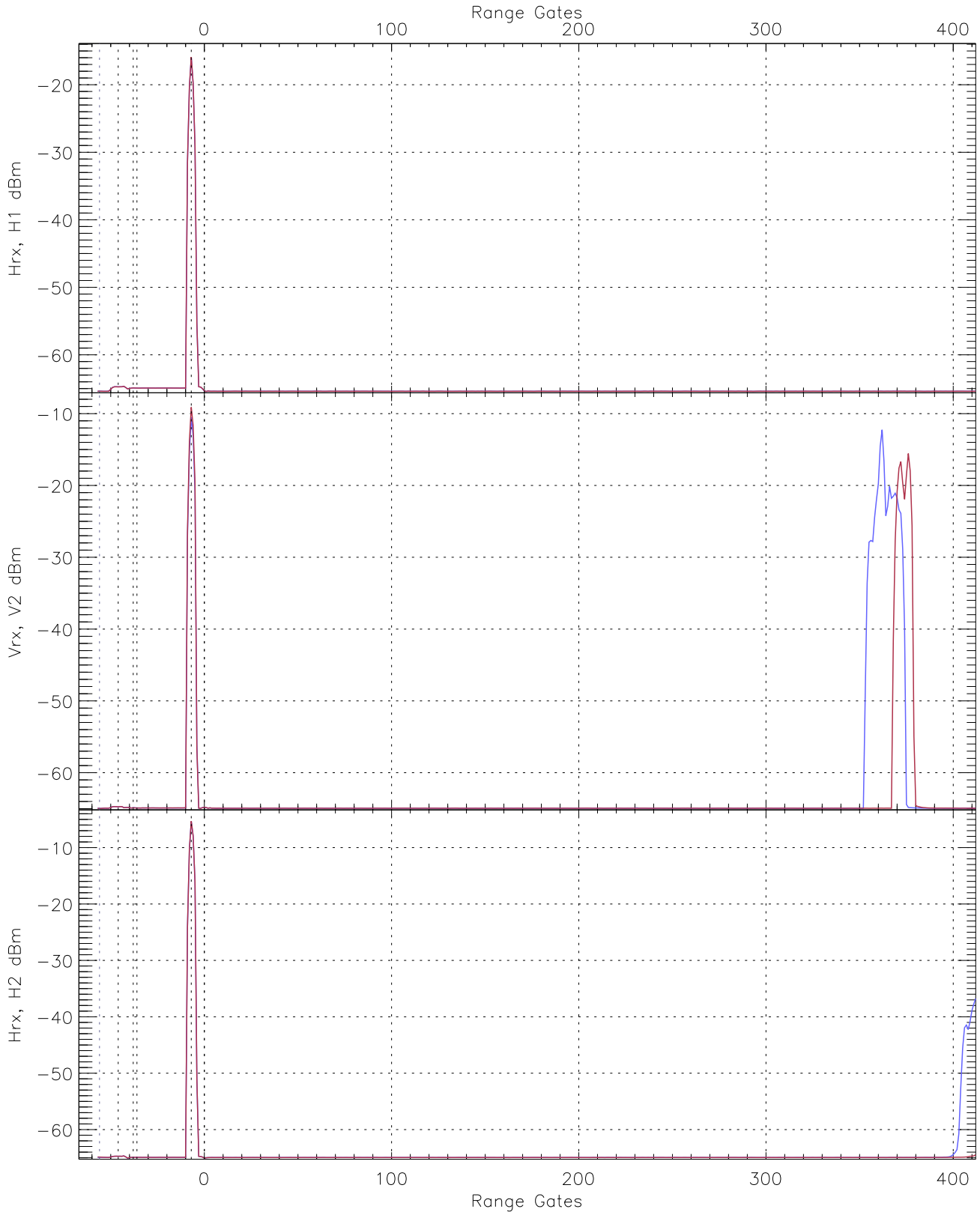
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.67	-64.29	-65.39	-65.39	-76.91
Vrx, V2(RM [dBm])	-66.44	-63.80	-64.97	-64.98	-76.50
Hrx, H2(RM [dBm])	-66.11	-63.60	-64.90	-64.91	-76.35

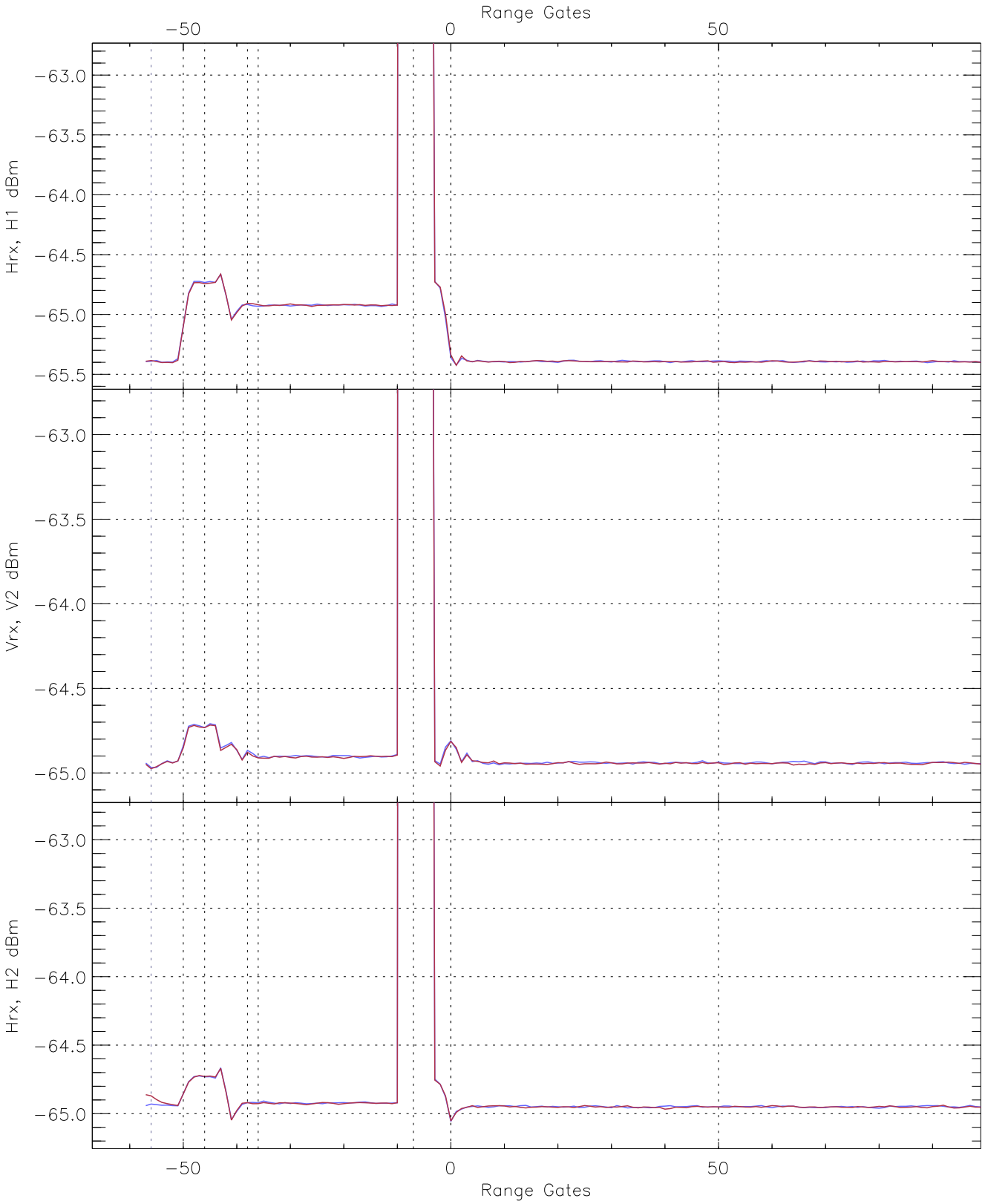


WCR3 CPP "Best" estimate Receivers Noise Power

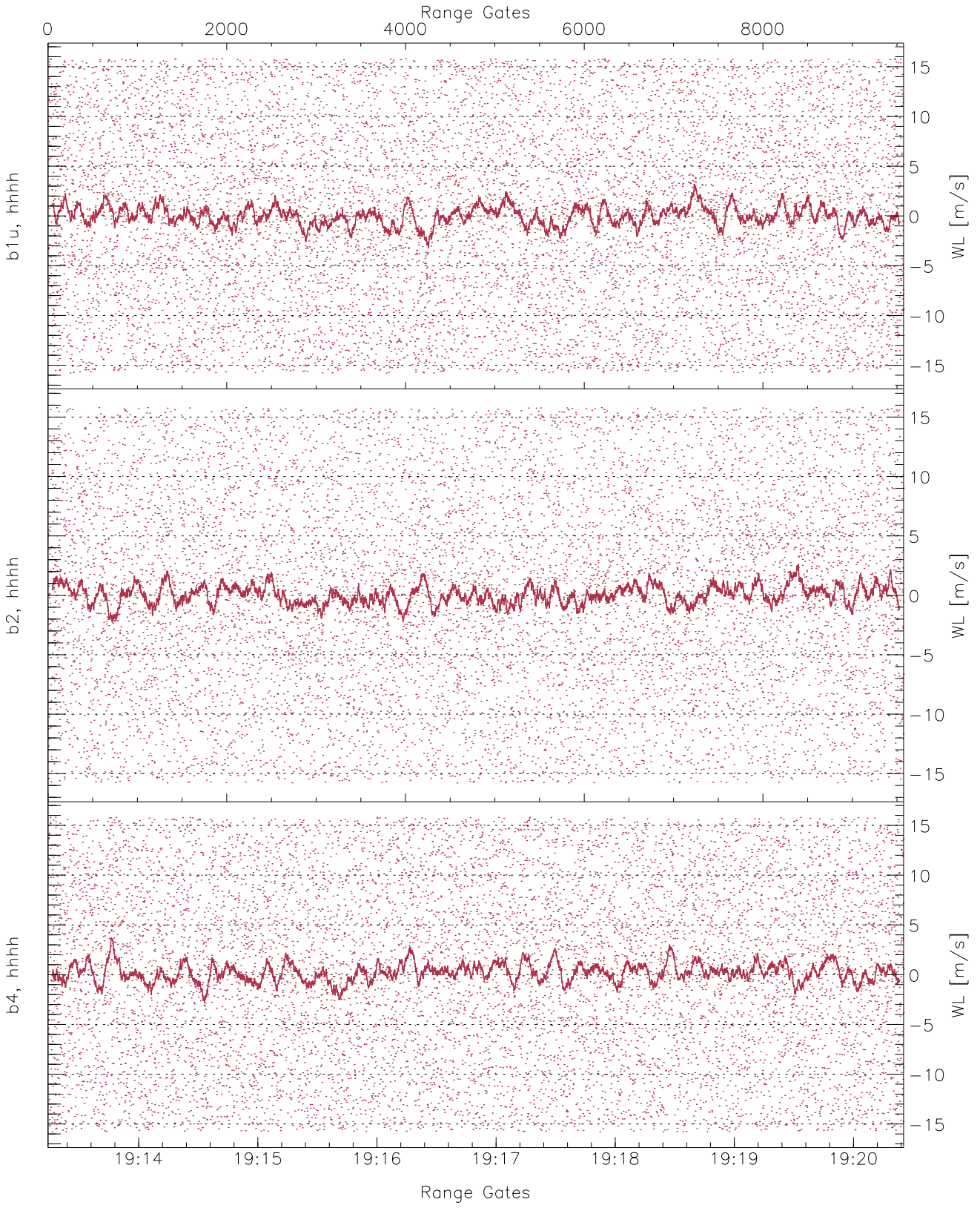
	Min	Max	Mean	Median	StDev
H1RG384_0 [dBm]	-66.75	-64.40	-65.40	-65.41	-76.90
V2RG151_0 [dBm]	-66.05	-63.90	-64.97	-64.98	-76.44
H2RG220_0 [dBm]	-66.15	-63.78	-64.96	-64.96	-76.48



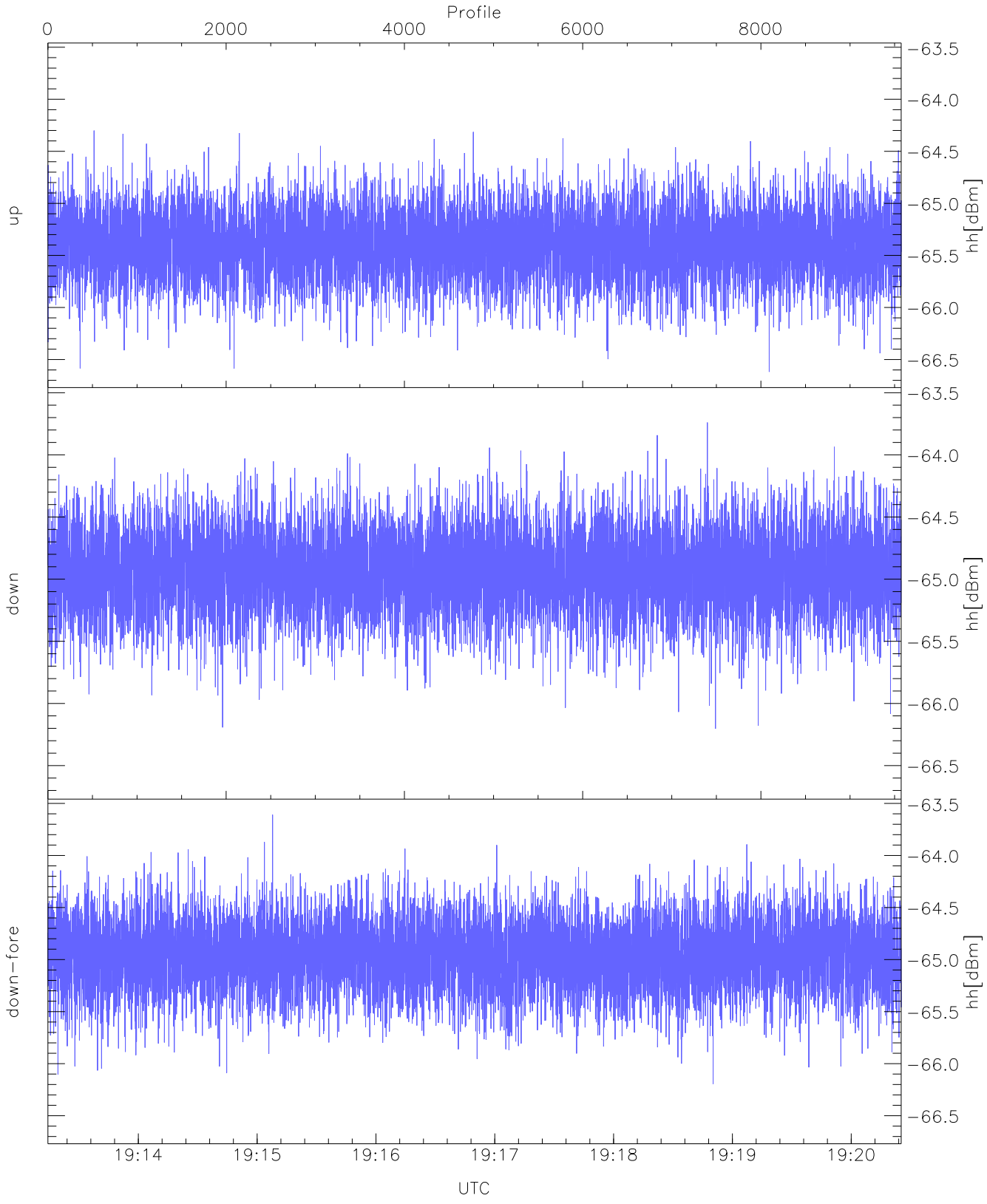
WCR3 CPP Averaged Received power for all recorded gates
blue: 191314-191650, 4788 profiles averaged
red: 191650-192025, 4788 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 191314-191650, 4788 profiles averaged
red: 191650-192025, 4788 profiles averaged

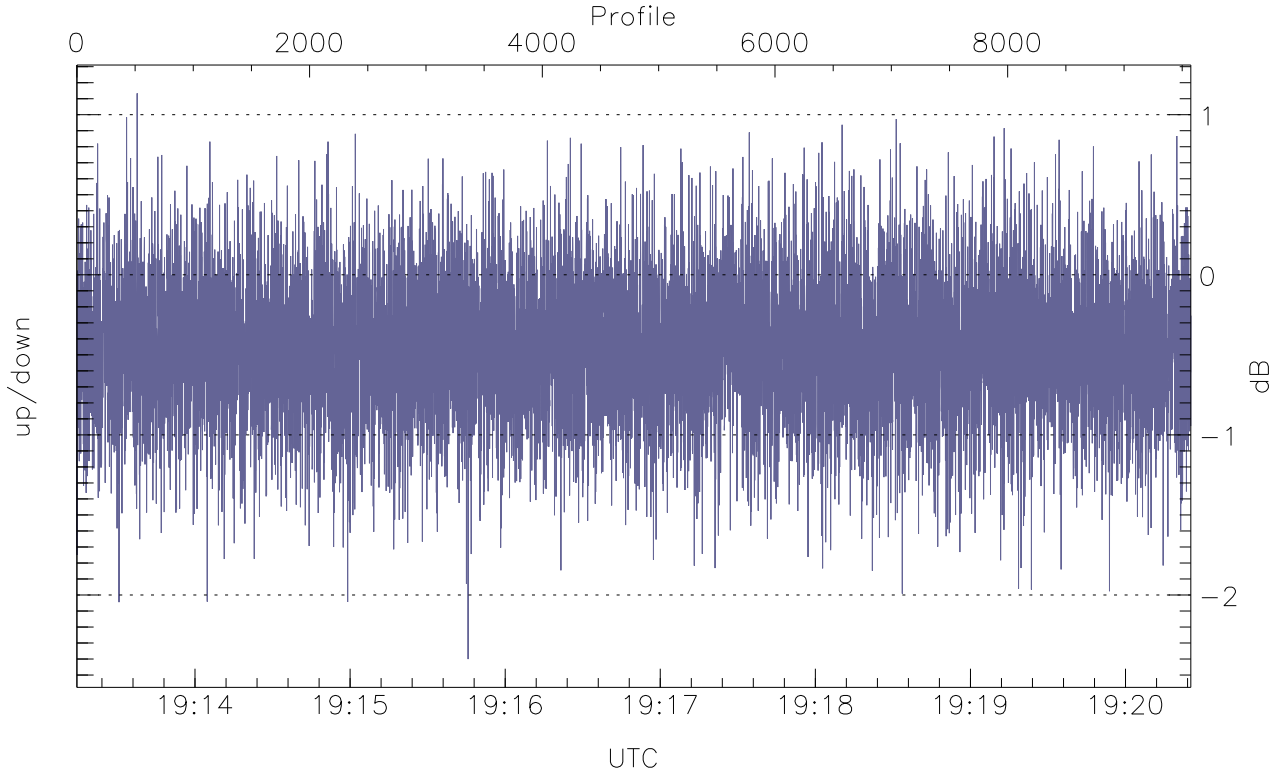


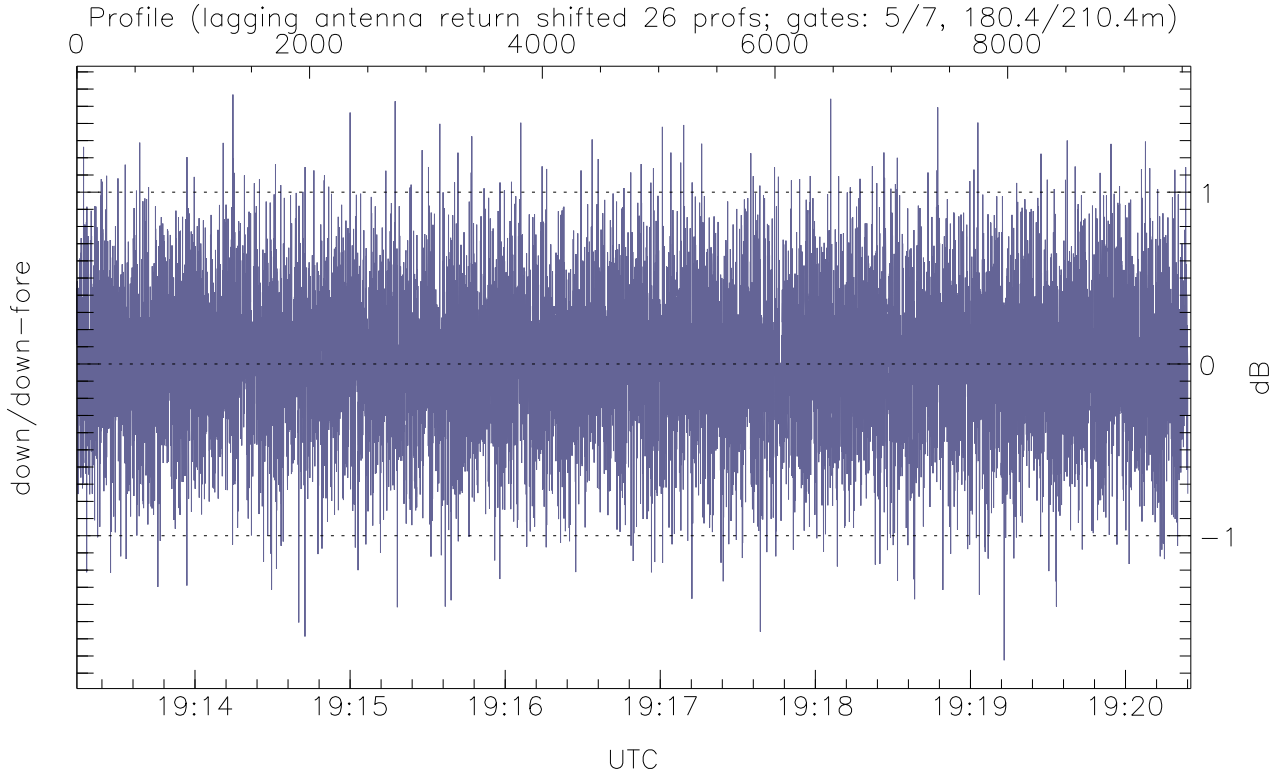
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

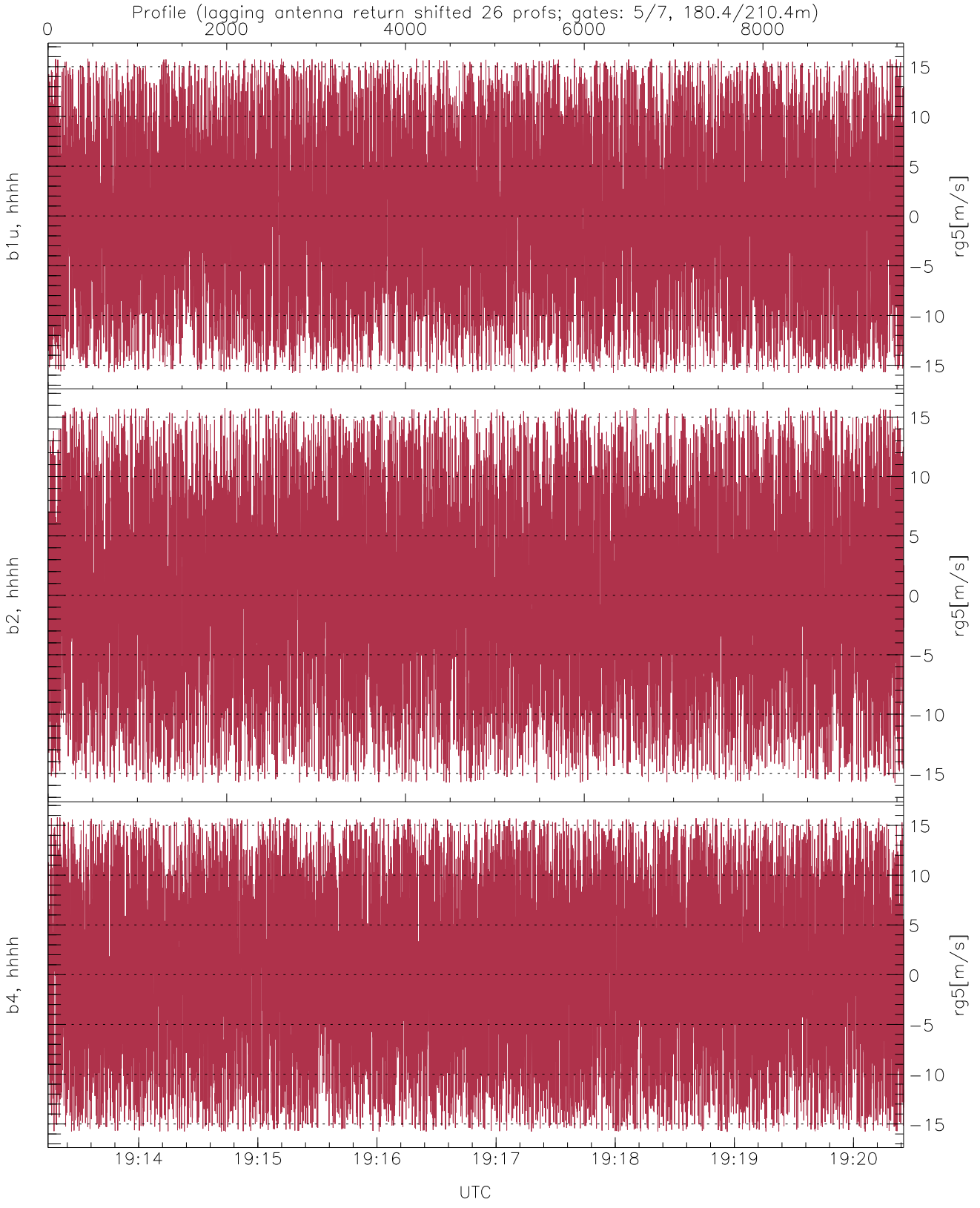
	Min	Max	Mean
up(hh[dBm])	-66.62	-64.30	-65.39
down(hh[dBm])	-66.20	-63.74	-64.93
down-fore(hh[dBm])	-66.19	-63.61	-64.95





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

	Min	Max	Mean
up/down(dB)	-2.40	1.13	-0.46
down/down-fore(dB)	-1.72	1.57	0.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.00	8.47
b2, hhhh(rg5[m/s])	-15.77	15.79	0.18	8.11
b4, hhhh(rg5[m/s])	-15.78	15.79	0.19	8.74