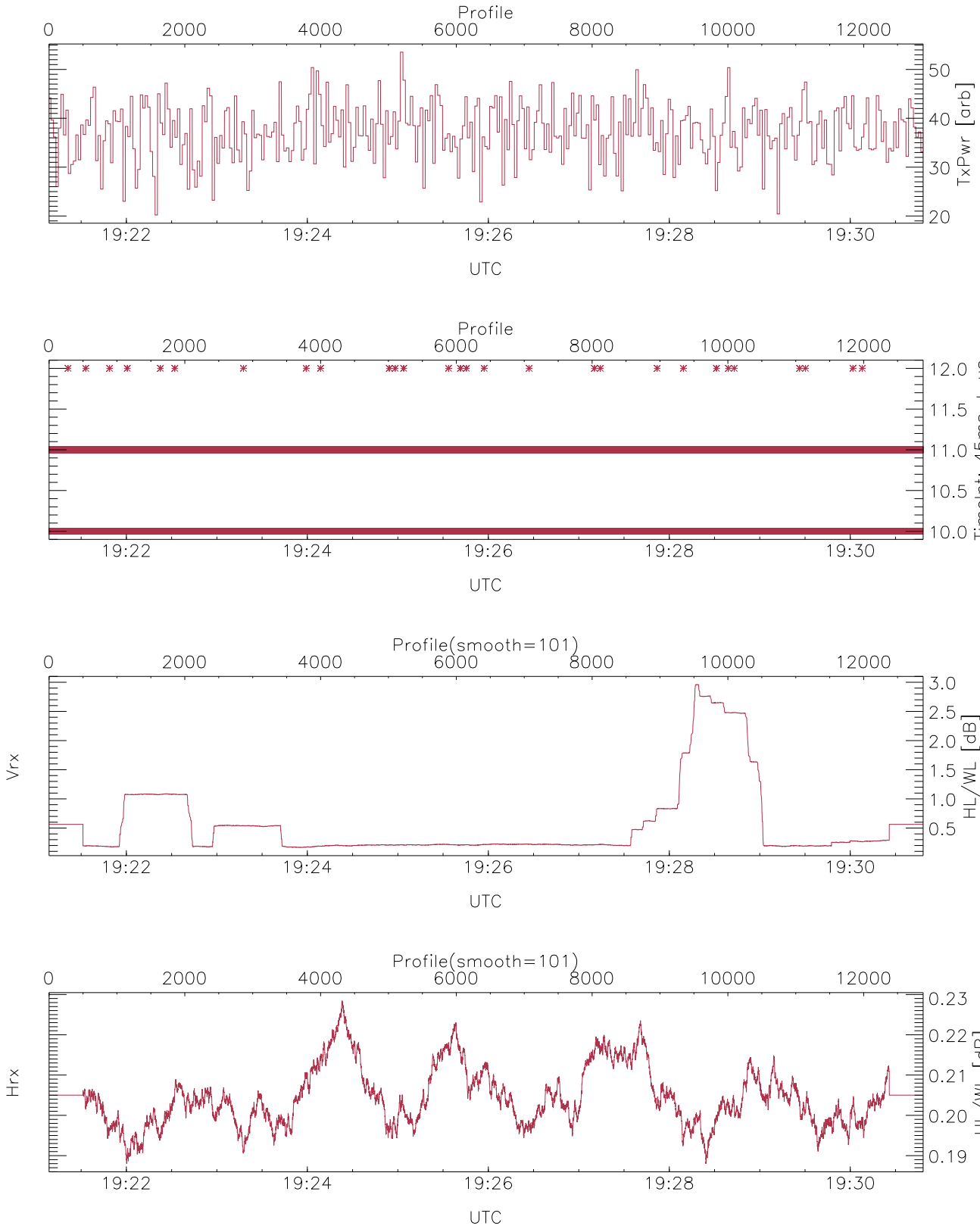
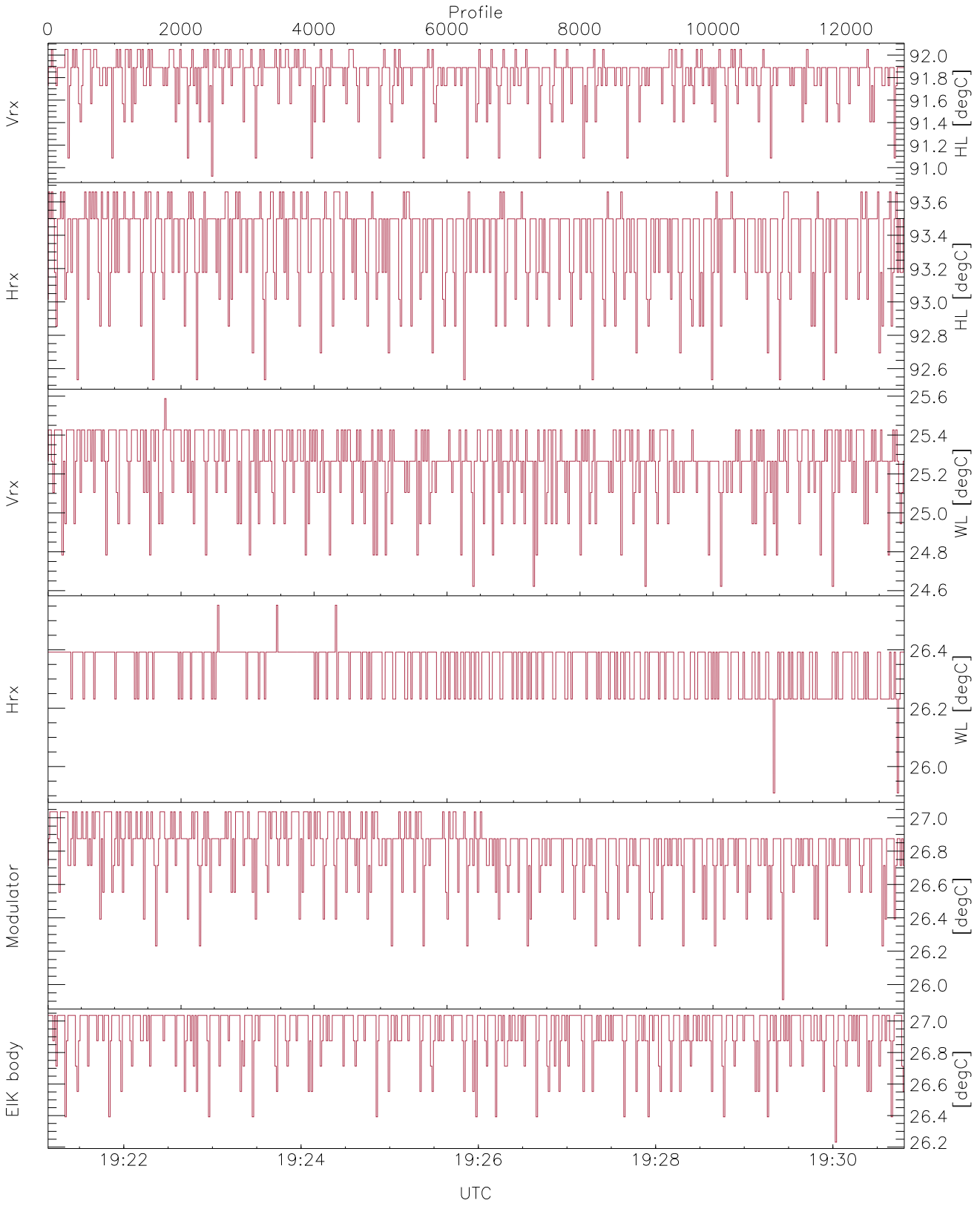


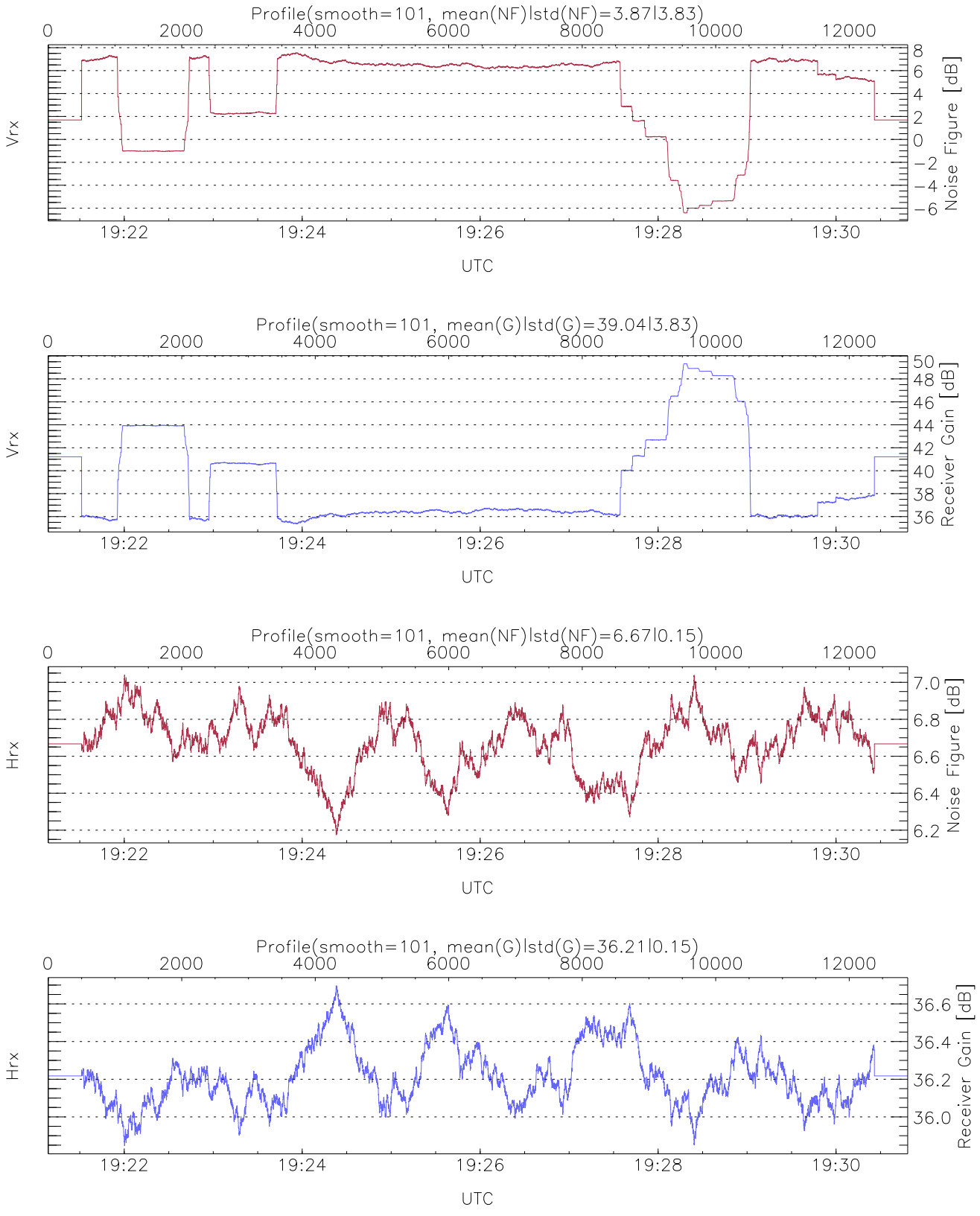
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:21:09-19:30:48, TimeCor: 0.00s, Dur: 579.61s
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): 12878/12878, 0-12877/19:21:09-19:30:48
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



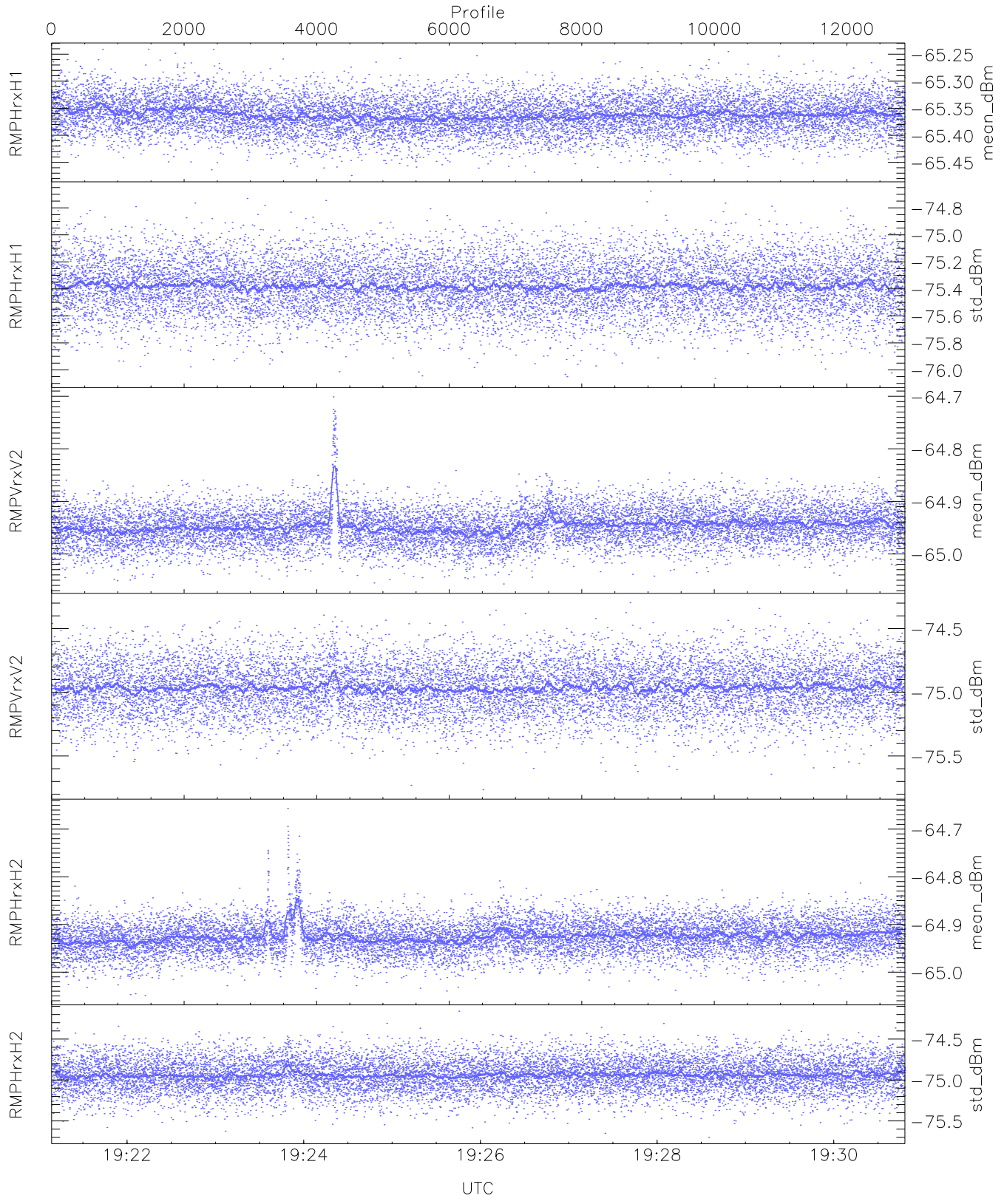
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



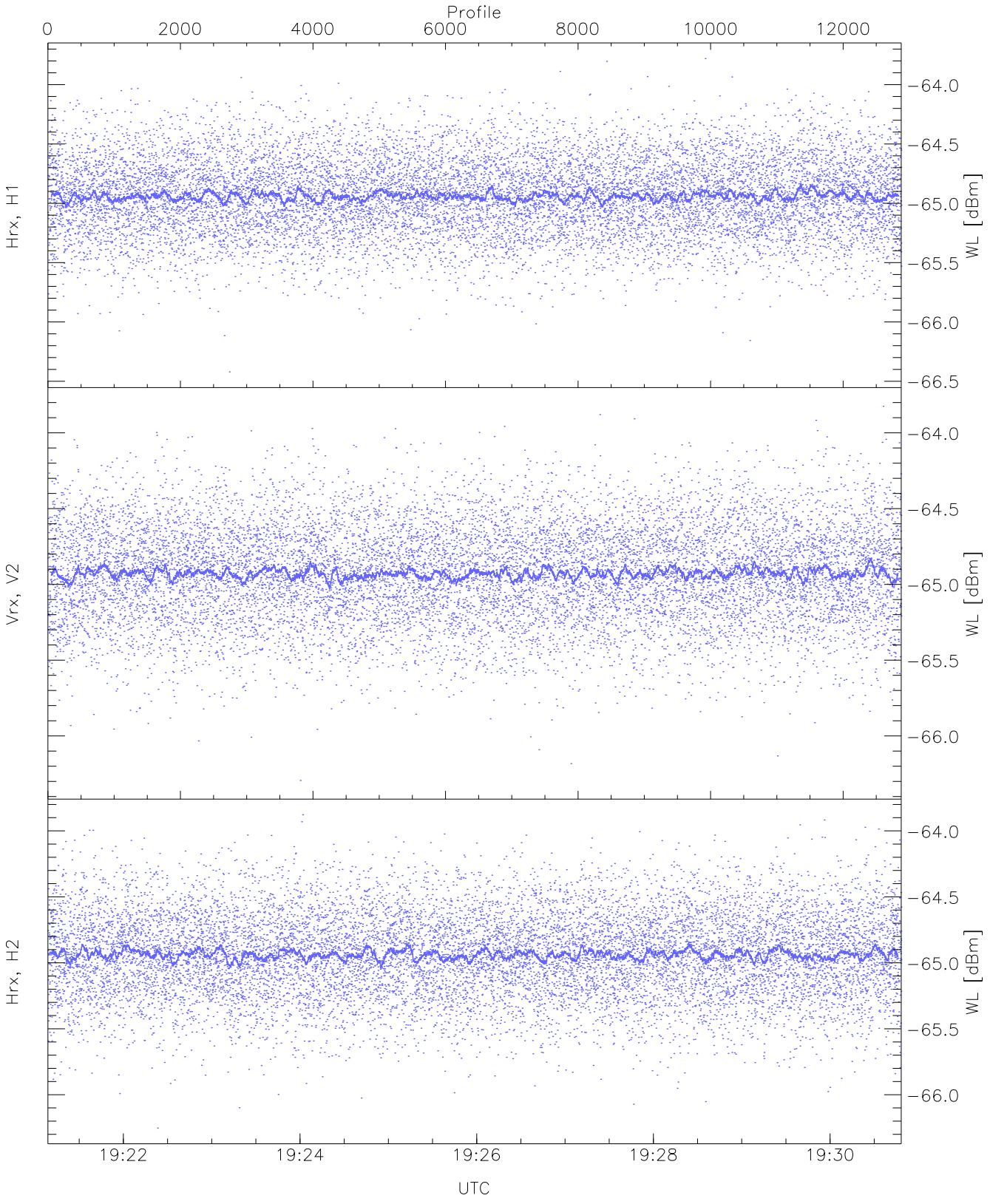
WCR3 CPP Receivers Gain and Noise Figure

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



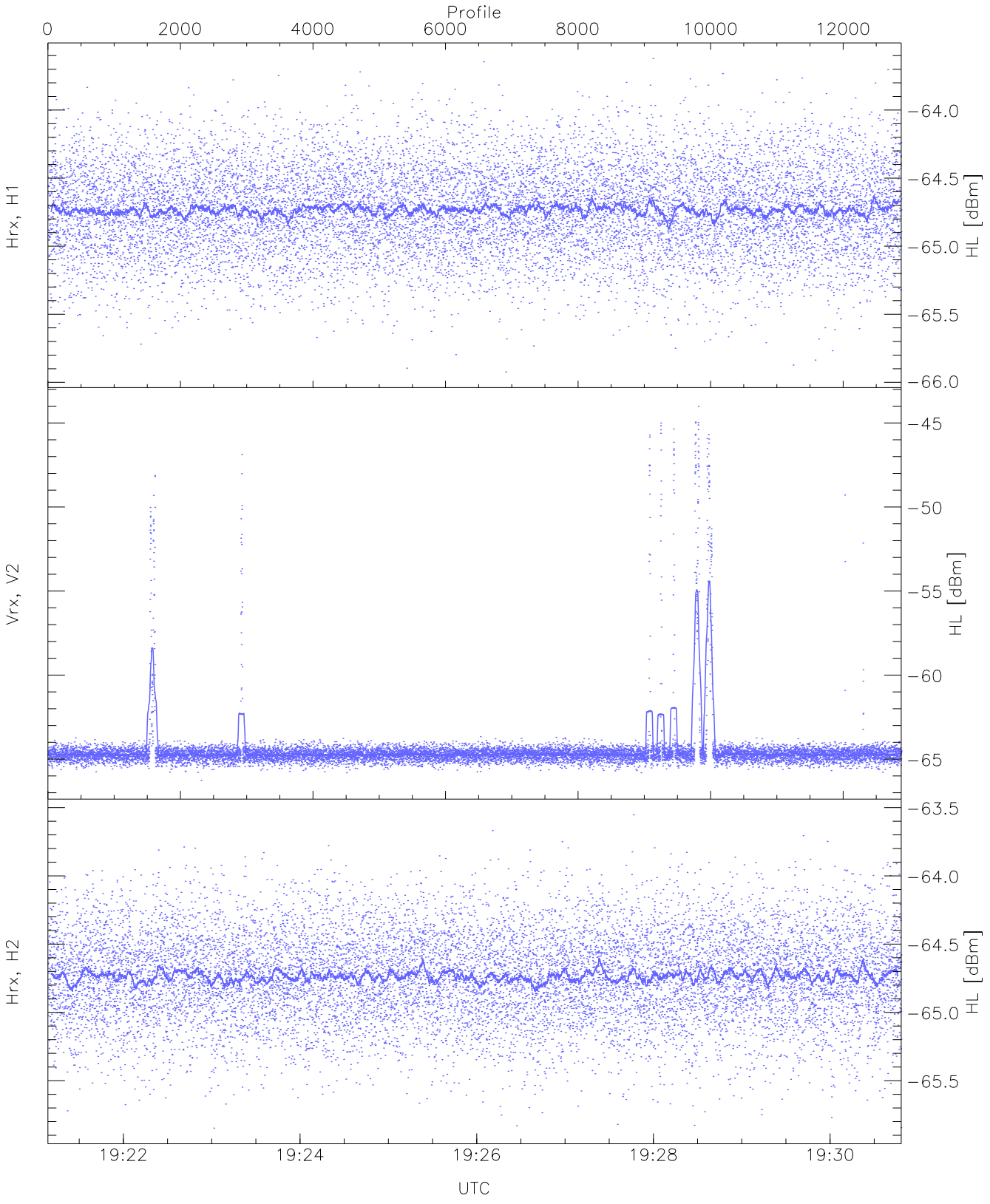
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.47	-65.24	-65.36	-65.36	-86.85
RMPHrxH1(std_dBm)	-76.06	-74.68	-75.38	-75.38	-89.14
RMPVrxV2(mean_dBm)	-65.06	-64.70	-64.95	-64.95	-86.10
RMPVrxV2(std_dBm)	-75.76	-74.30	-74.96	-74.96	-88.69
RMPHrxH2(mean_dBm)	-65.05	-64.66	-64.93	-64.93	-86.11
RMPHrxH2(std_dBm)	-75.70	-74.16	-74.94	-74.94	-88.68



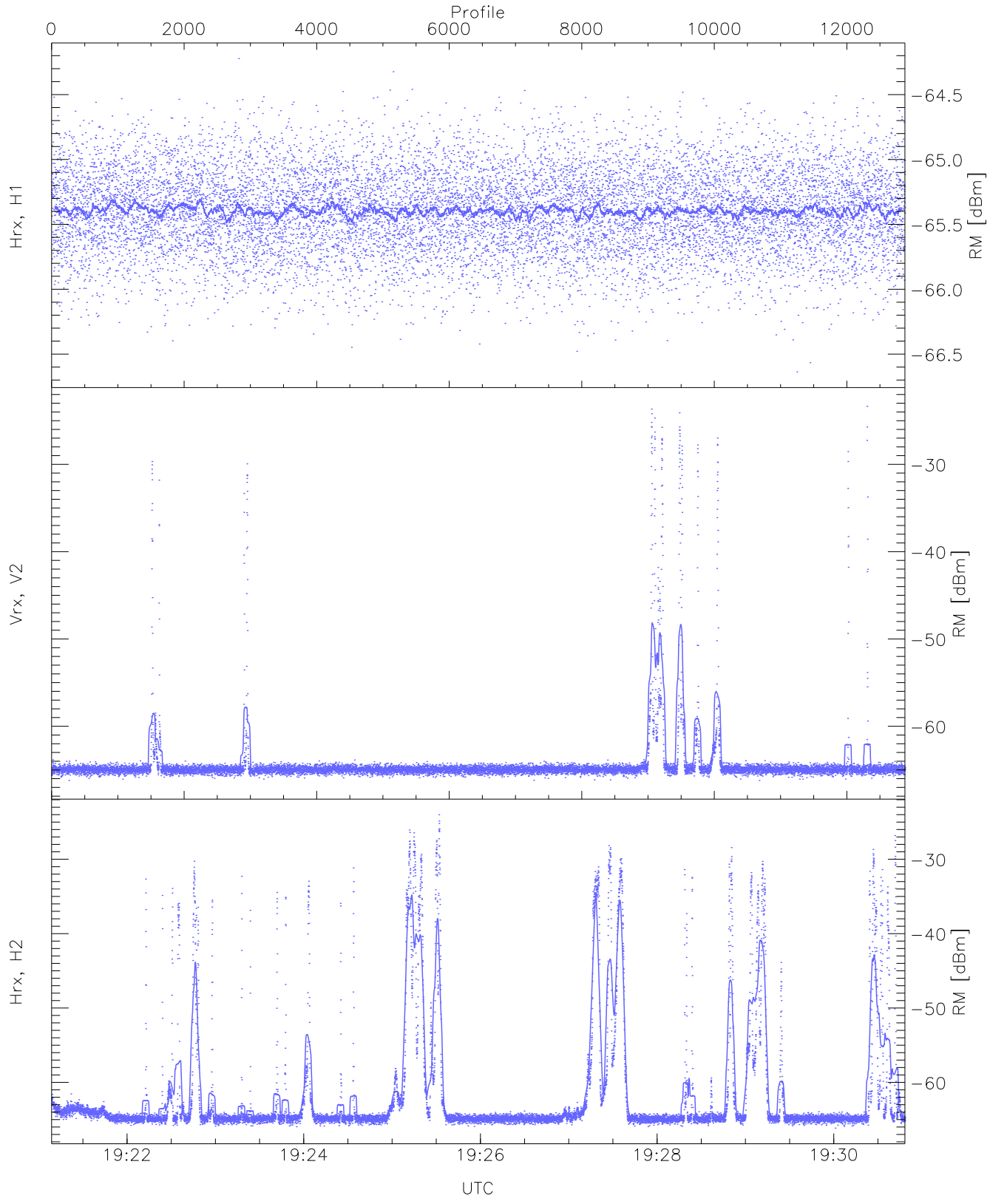
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.42	-63.78	-64.93	-64.94	-76.43
Vrx, V2(WL [dBm])	-66.29	-63.82	-64.92	-64.93	-76.46
Hrx, H2(WL [dBm])	-66.25	-63.88	-64.93	-64.94	-76.44



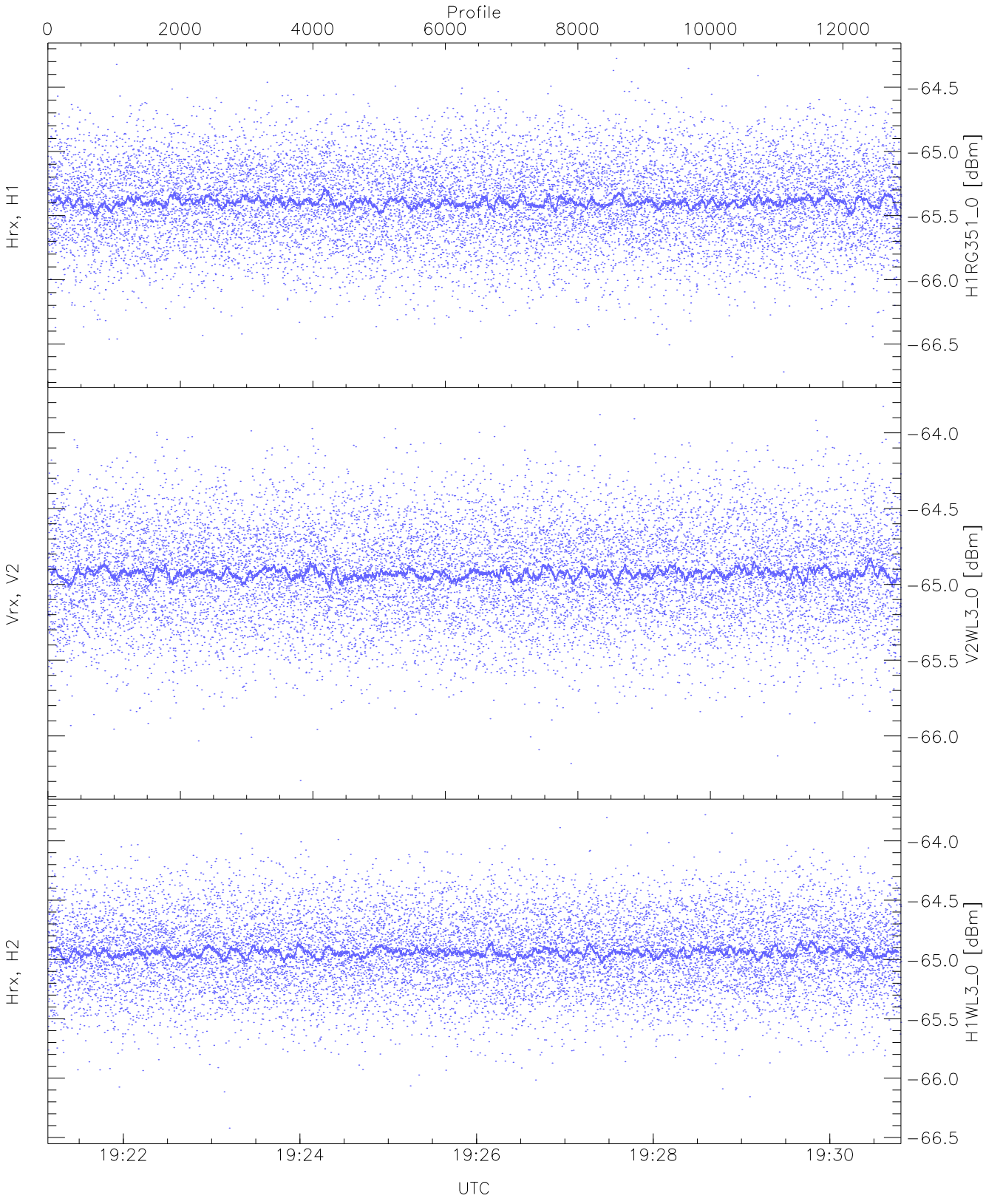
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.92	-63.62	-64.73	-64.74	-76.26
Vrx, V2(HL [dBm])	-66.27	-44.01	-62.72	-64.72	-57.49
Hrx, H2(HL [dBm])	-65.85	-63.55	-64.73	-64.74	-76.23



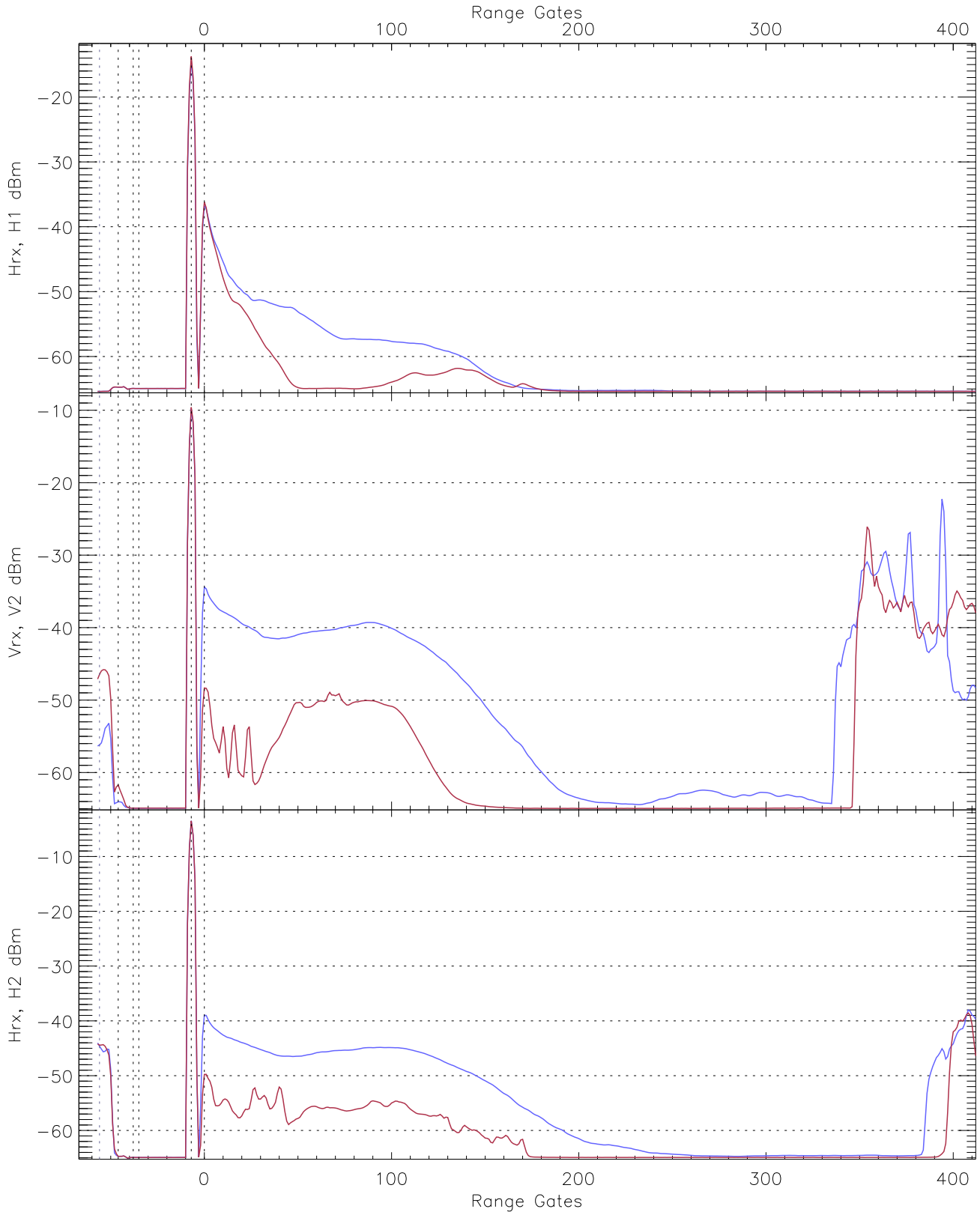
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.64	-64.22	-65.39	-65.39	-76.93
Vrx, V2(RM [dBm])	-66.20	-23.35	-49.03	-64.93	-38.30
Hrx, H2(RM [dBm])	-66.15	-24.02	-44.52	-64.65	-37.71

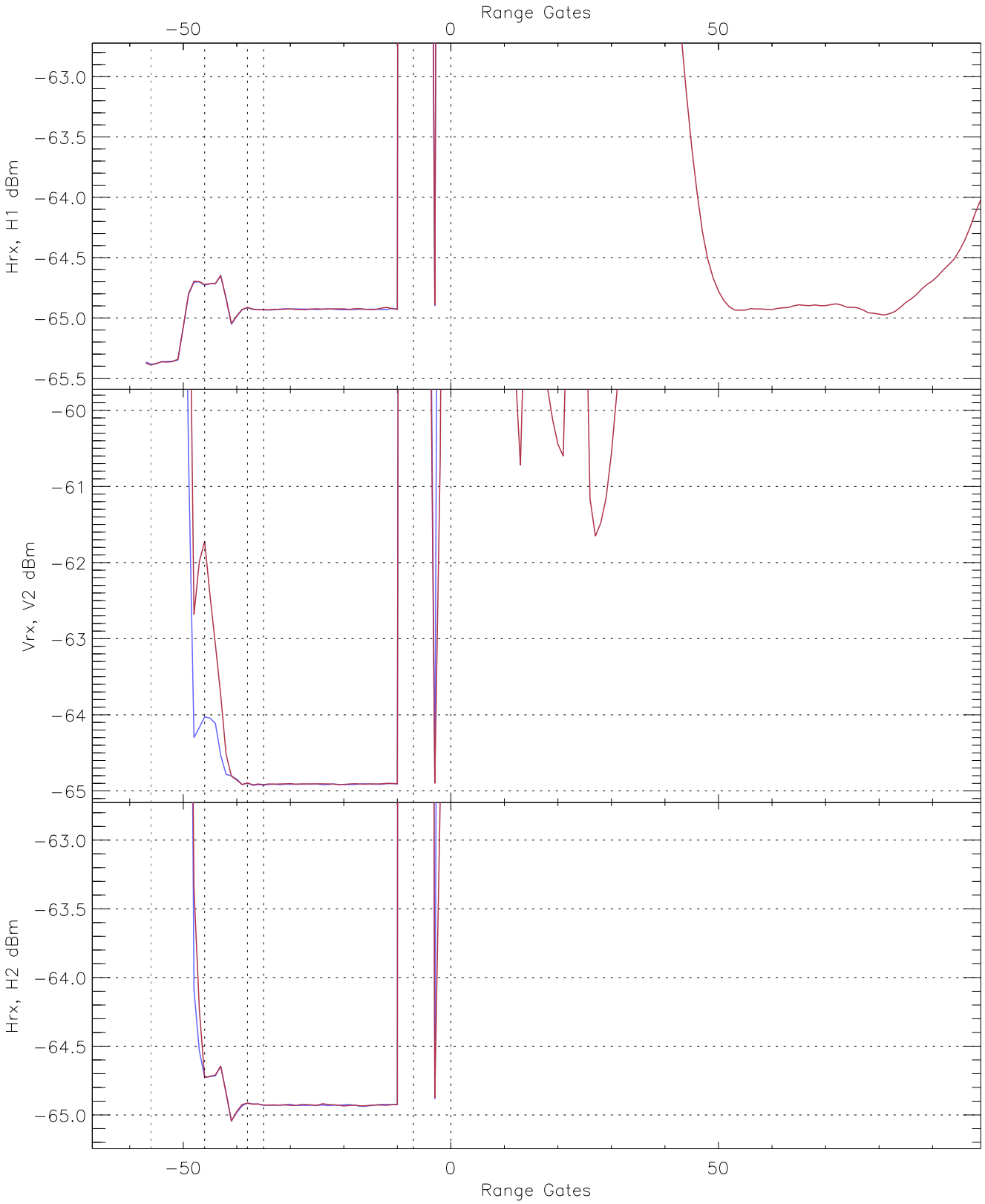


WCR3 CPP "Best" estimate Receivers Noise Power

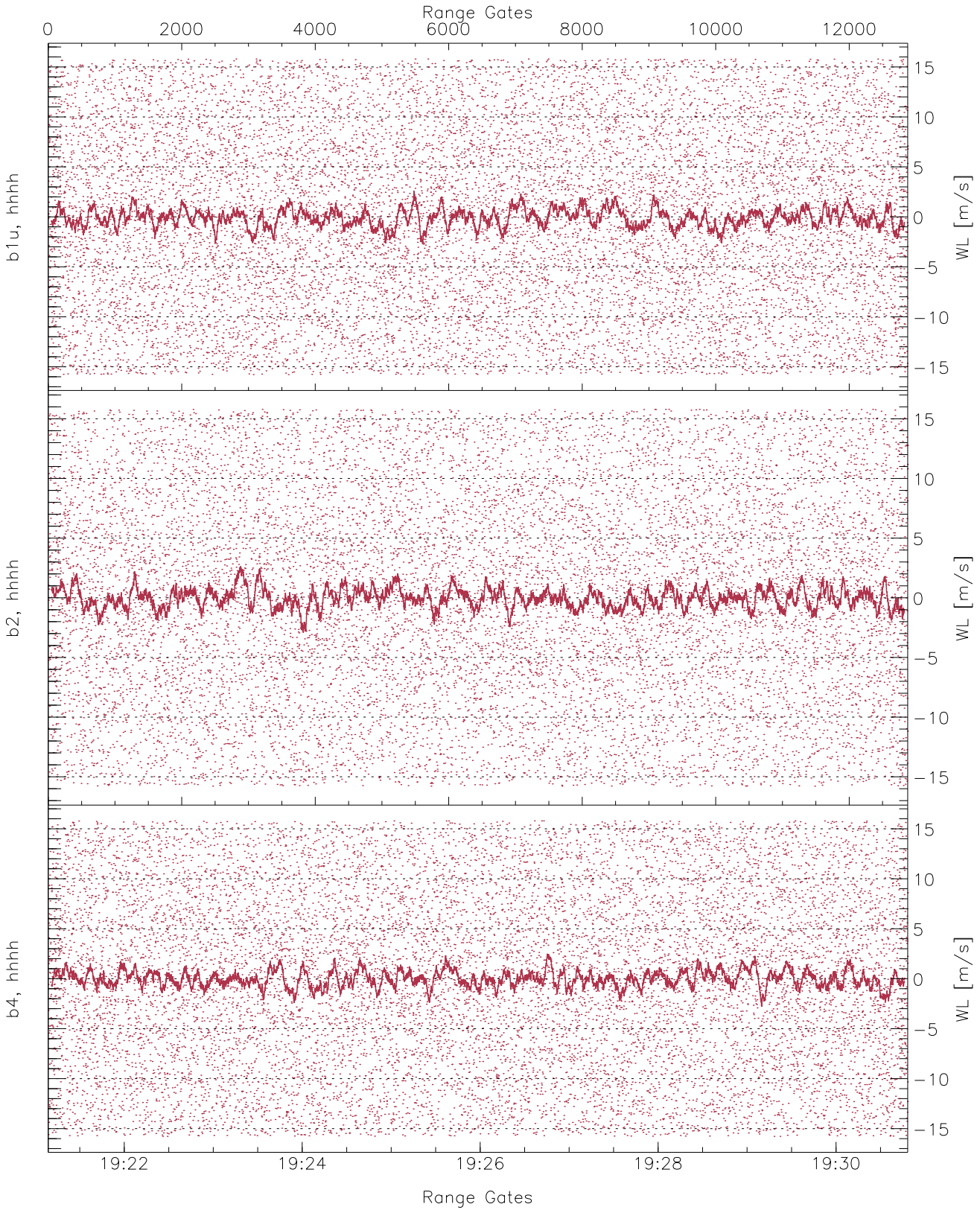
	Min	Max	Mean	Median	StDev
H1RG351_0 [dBm]	-66.72	-64.28	-65.39	-65.39	-76.88
V2WL3_0 [dBm]	-66.29	-63.82	-64.92	-64.93	-76.46
H1WL3_0 [dBm]	-66.42	-63.78	-64.93	-64.94	-76.43



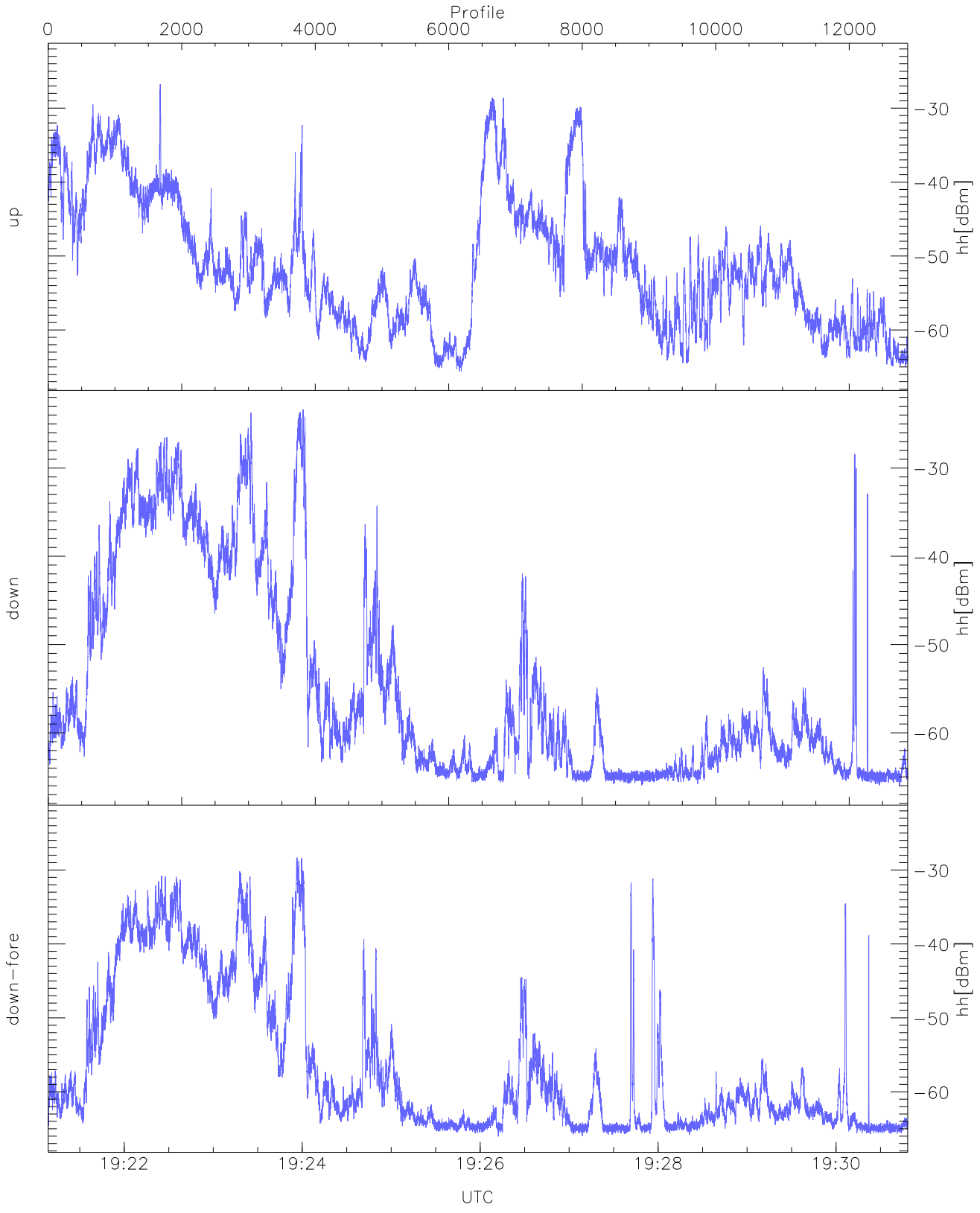
WCR3 CPP Averaged Received power for all recorded gates
blue: 192109-192559, 6440 profiles averaged
red: 192559-193048, 6439 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 192109-192559, 6440 profiles averaged
red: 192559-193048, 6439 profiles averaged

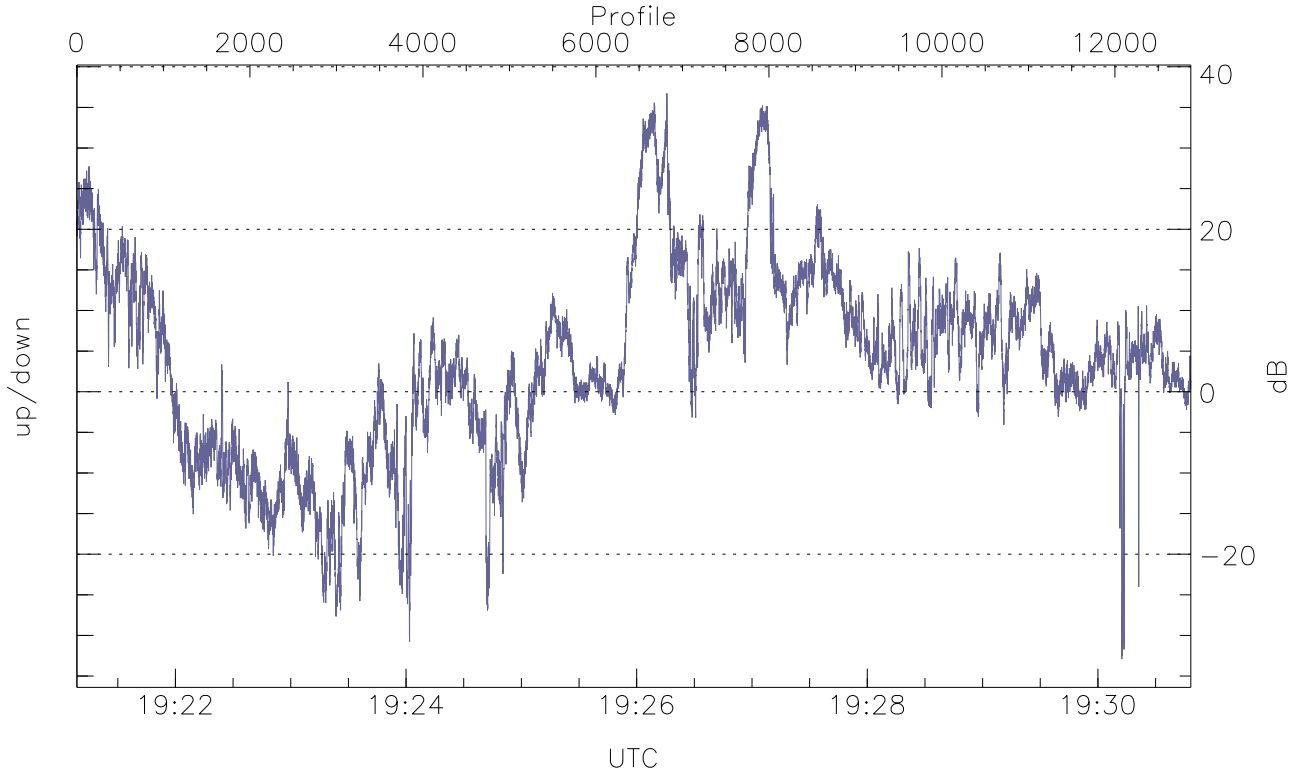


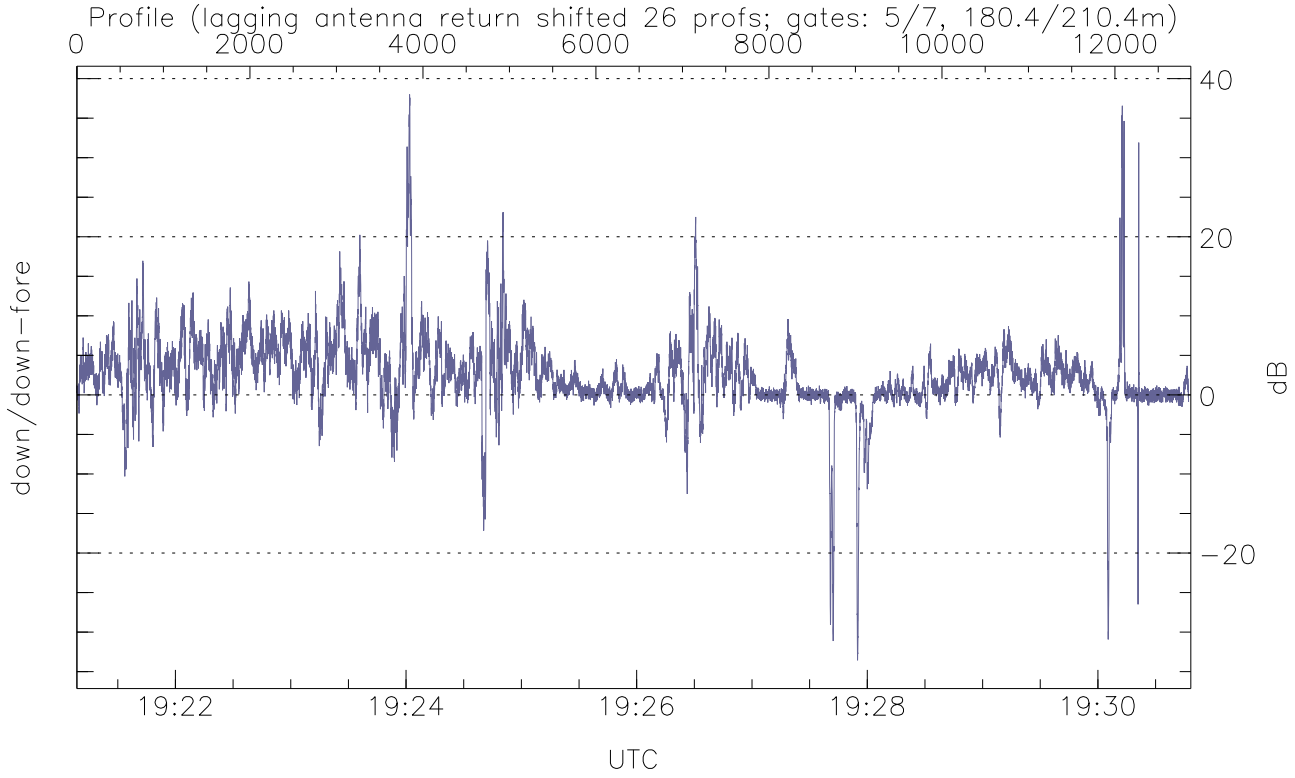
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

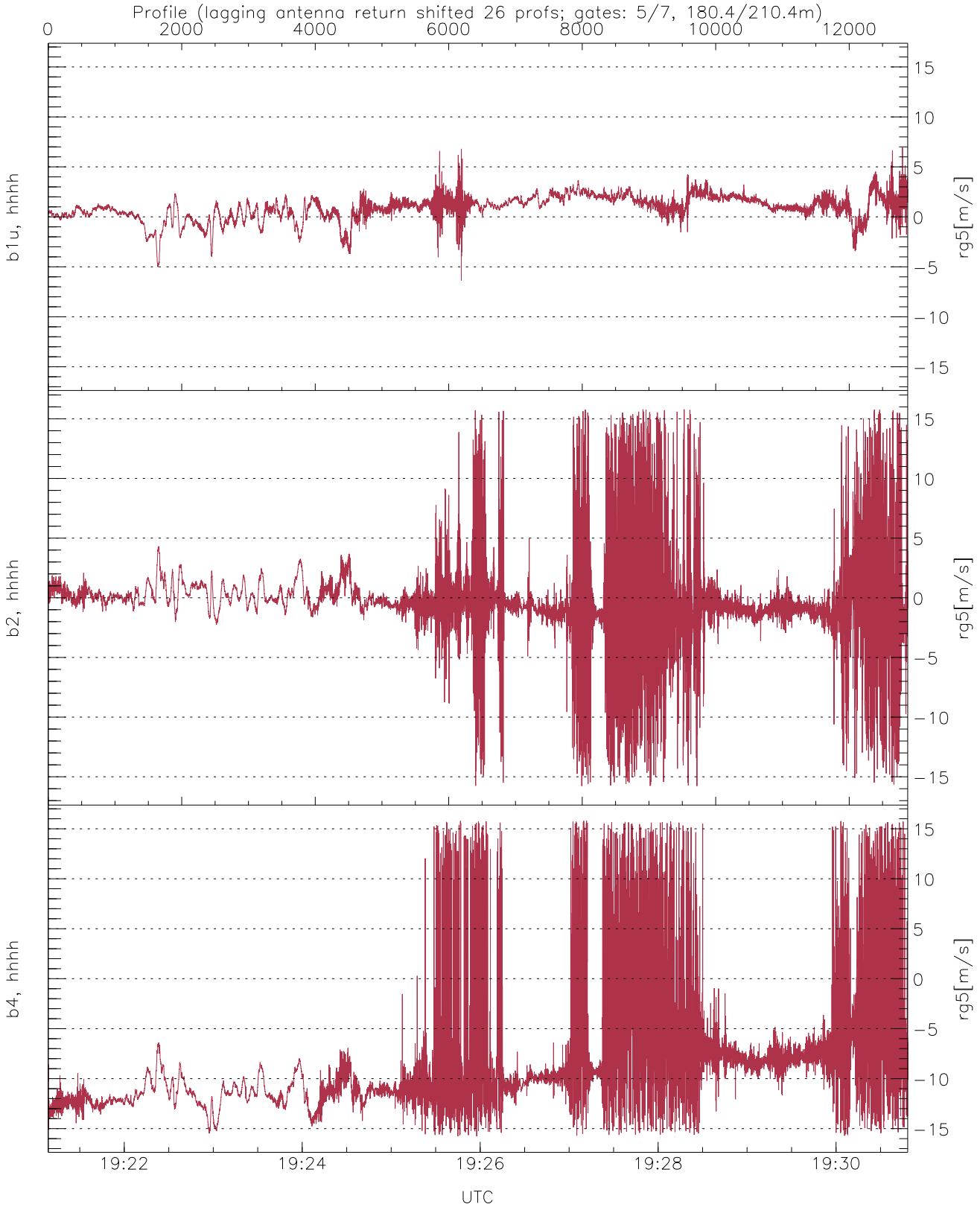
	Min	Max	Mean
up(hh[dBm])	-65.60	-26.78	-42.20
down(hh[dBm])	-66.05	-23.35	-39.58
down-fore(hh[dBm])	-66.04	-28.31	-44.05





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

	Min	Max	Mean
up/down(dB)	-32.91	36.74	3.84
down/down-fore(dB)	-33.56	37.99	2.55



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-6.38	6.92	0.90	1.25
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.12	3.60
b4, hhhh(rg5[m/s])	-15.77	15.79	-8.21	5.96