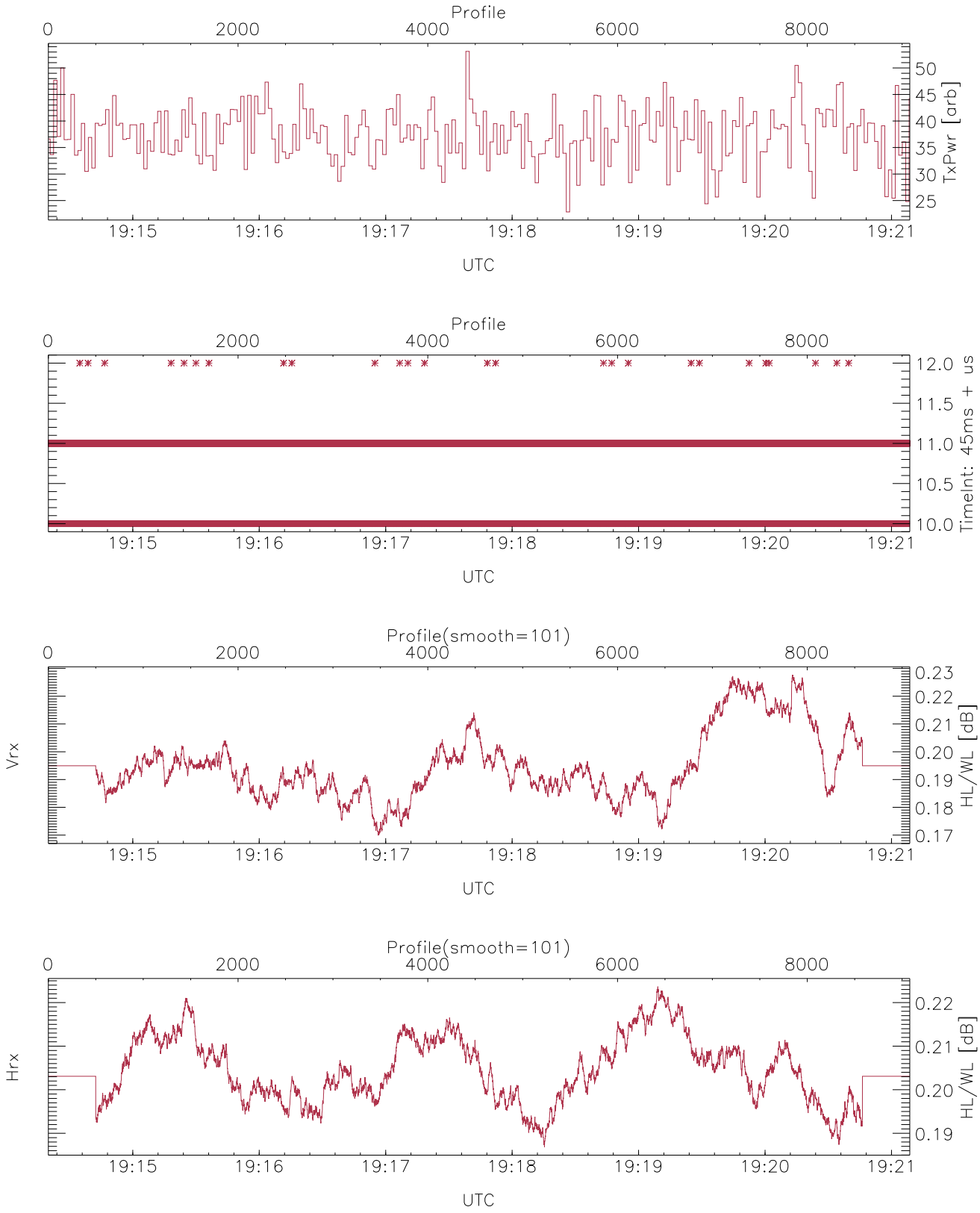
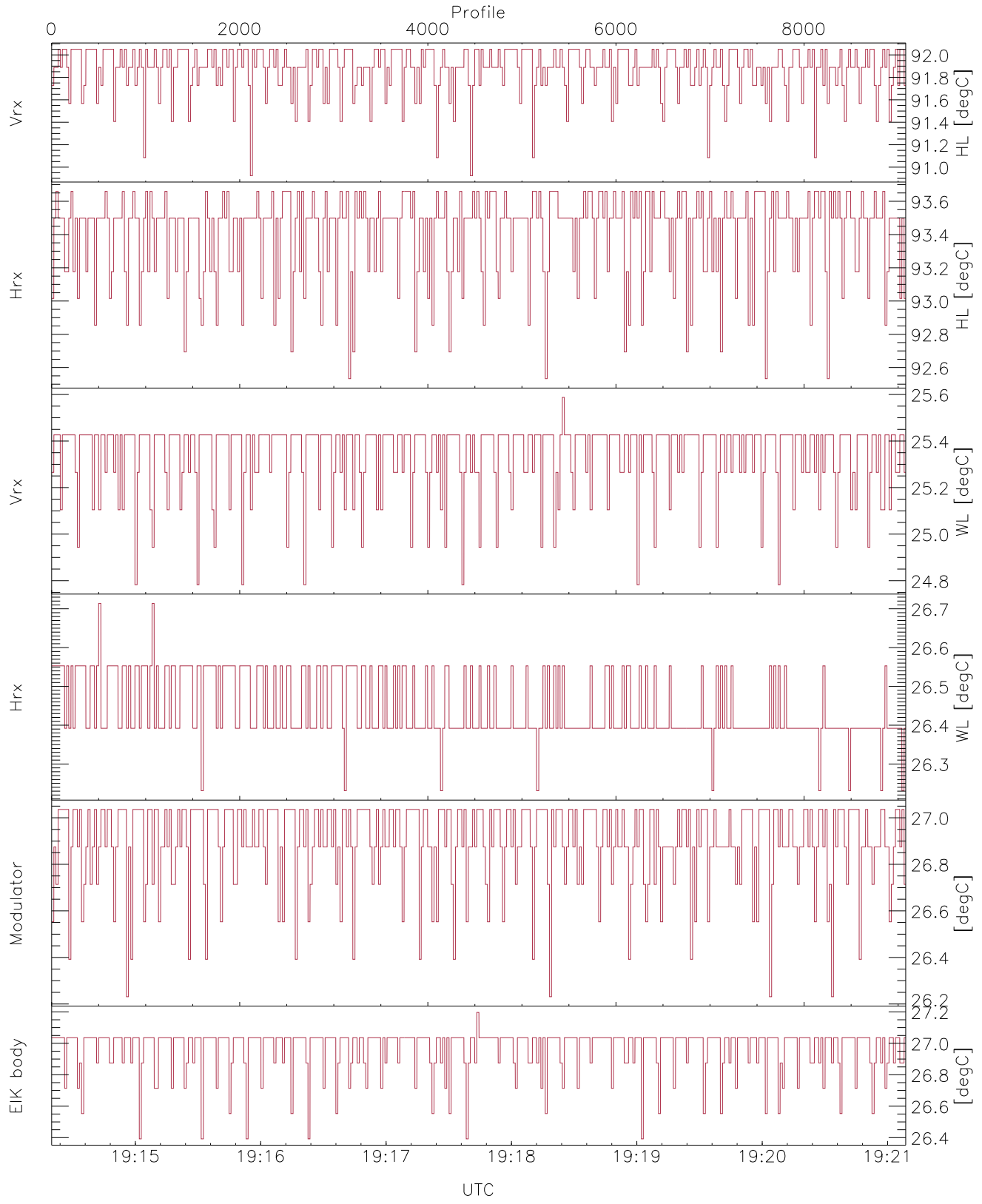


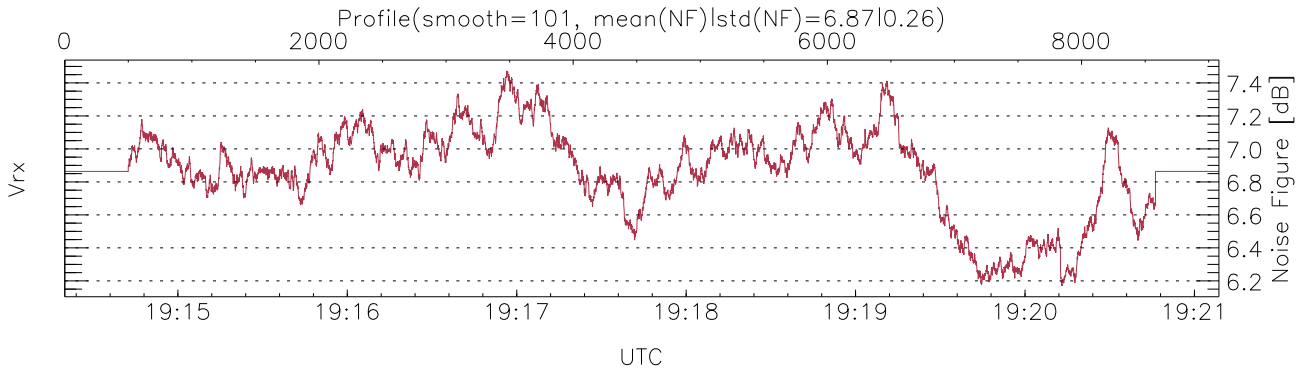
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

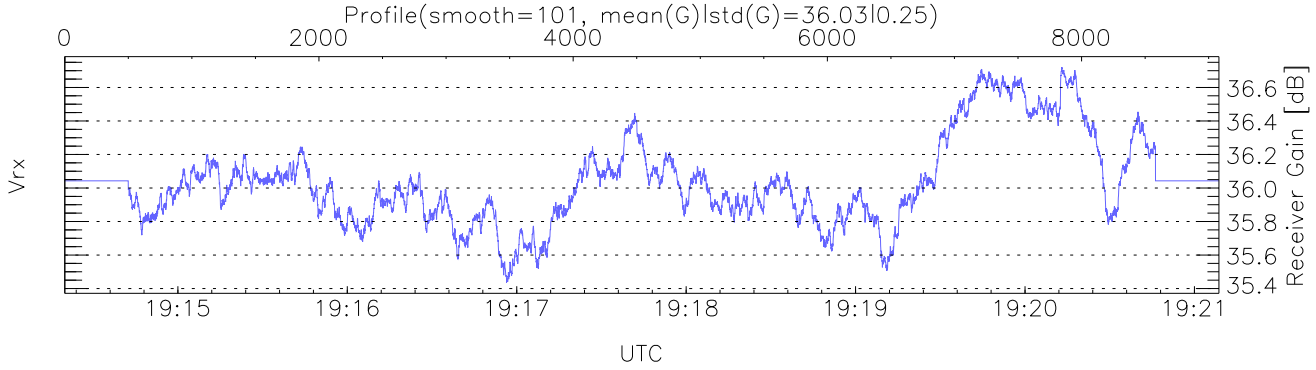
UTC: 19:14:20-19:21:09, TimeCor: 0.00s, Dur: 408.75s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 9082/9082, 0-9081/19:14:20-19:21:09
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

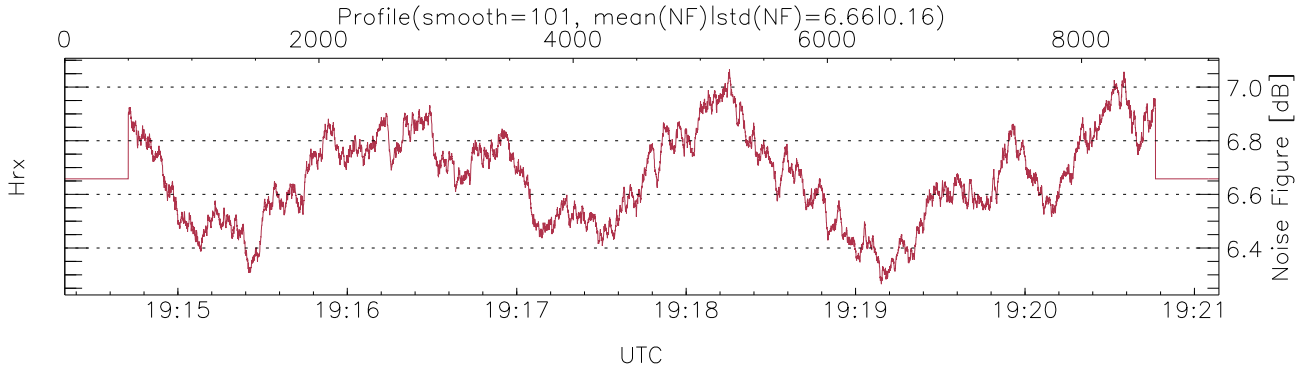


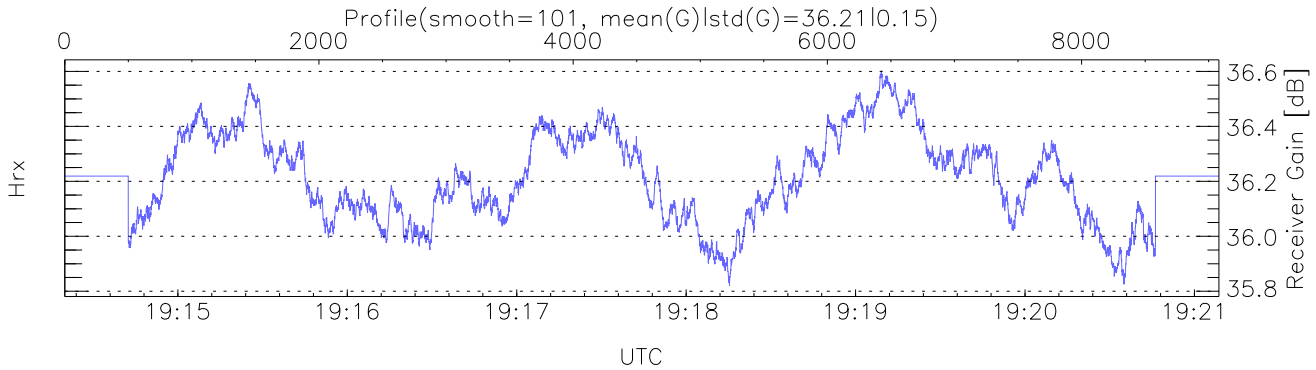
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



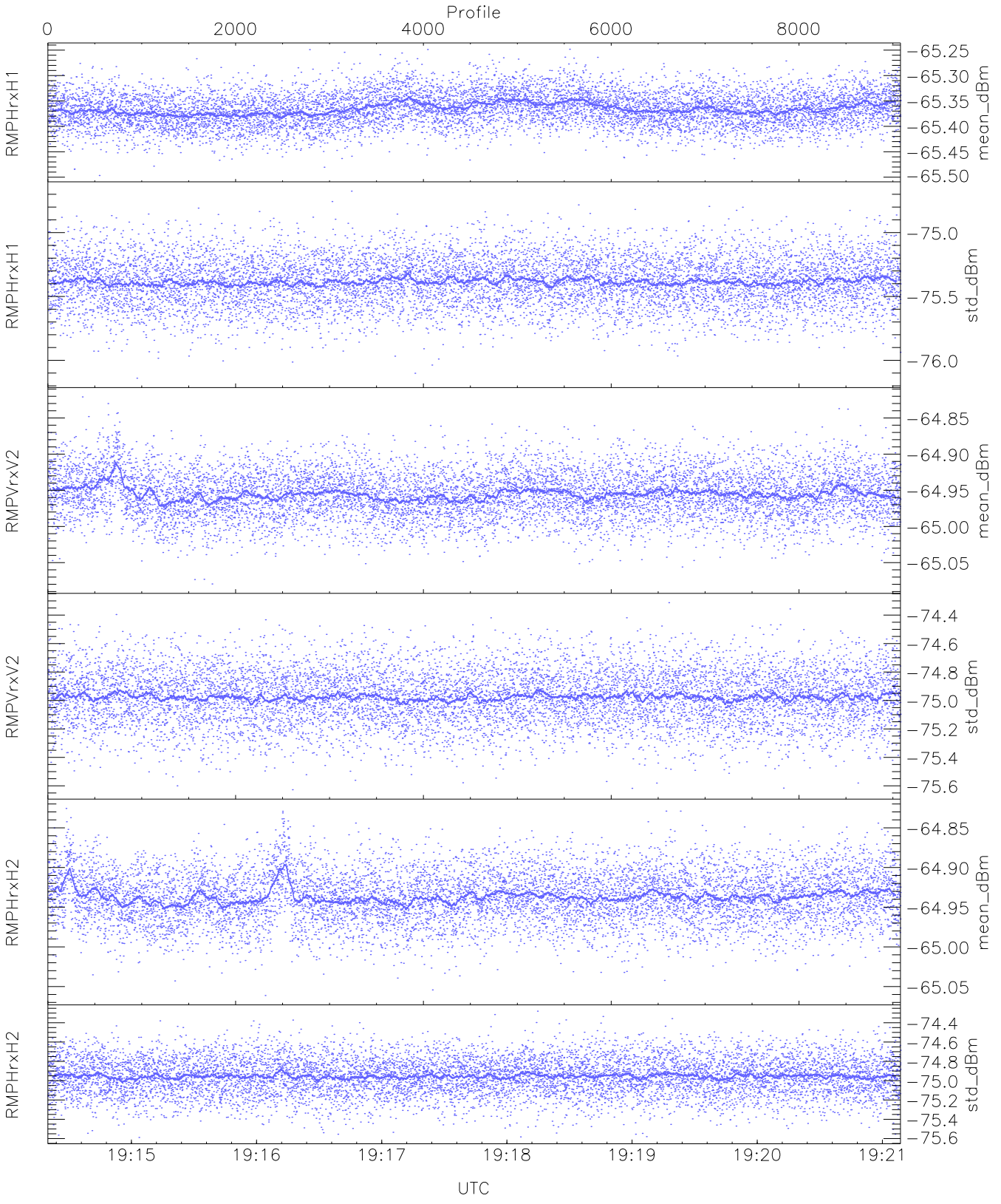






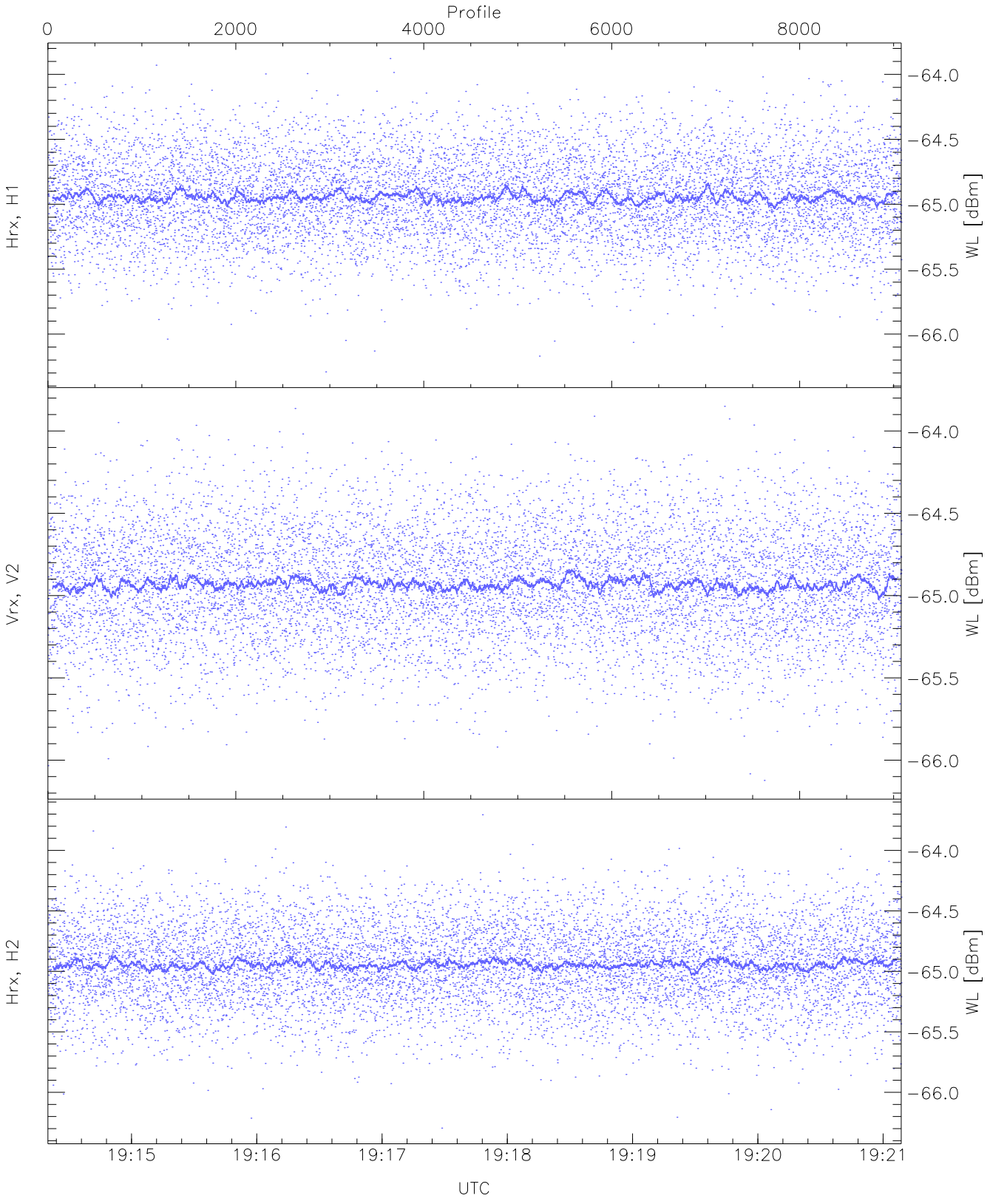
WCR3 CPP Receivers Gain and Noise Figure

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



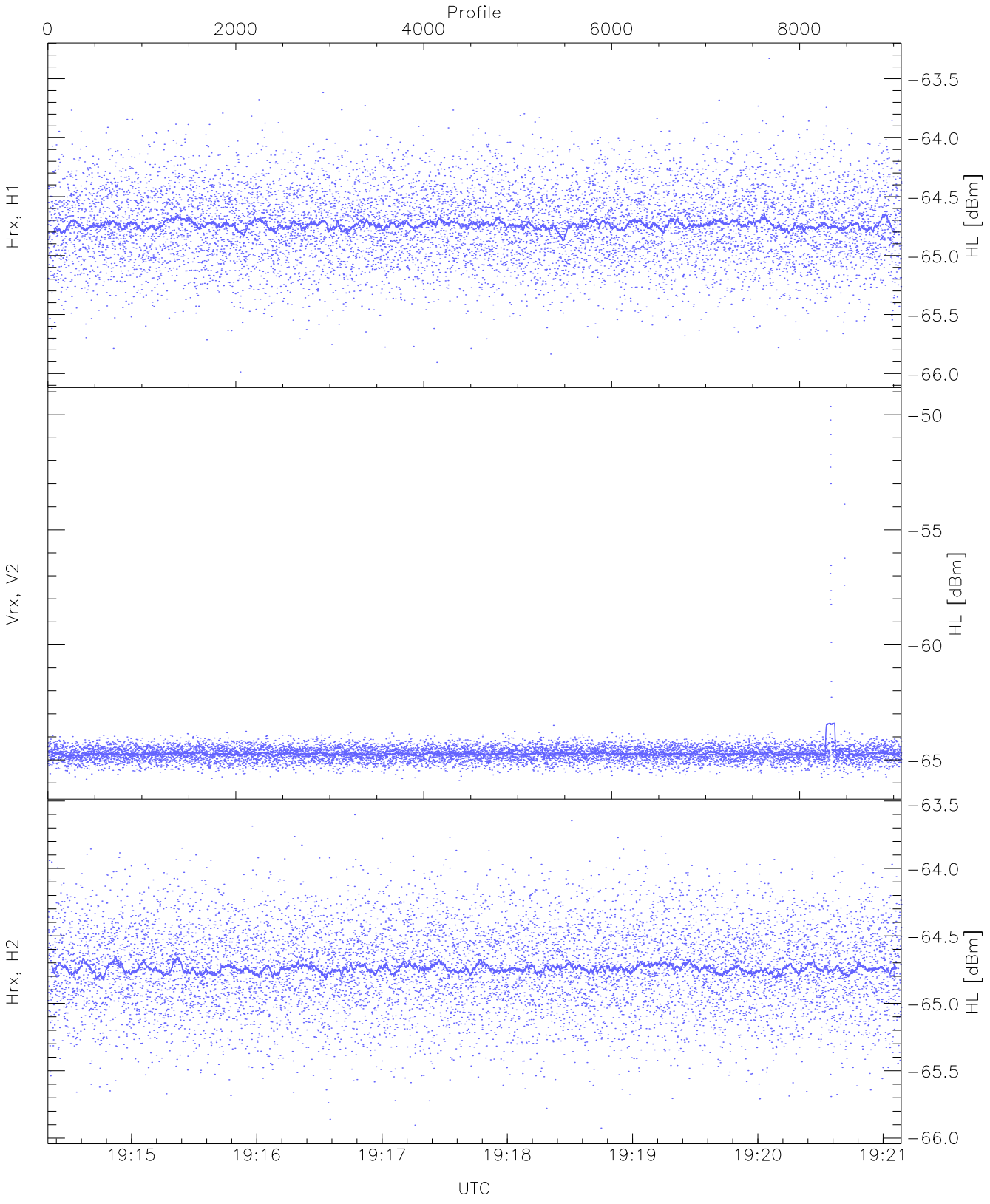
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.25	-65.37	-65.37	-86.73
RMPHrxH1(std_dBm)	-76.14	-74.68	-75.38	-75.38	-89.15
RMPVrxV2(mean_dBm)	-65.08	-64.82	-64.96	-64.96	-86.43
RMPVrxV2(std_dBm)	-75.63	-74.31	-74.97	-74.97	-88.78
RMPHrxH2(mean_dBm)	-65.06	-64.83	-64.94	-64.94	-86.42
RMPHrxH2(std_dBm)	-75.59	-74.28	-74.95	-74.95	-88.73



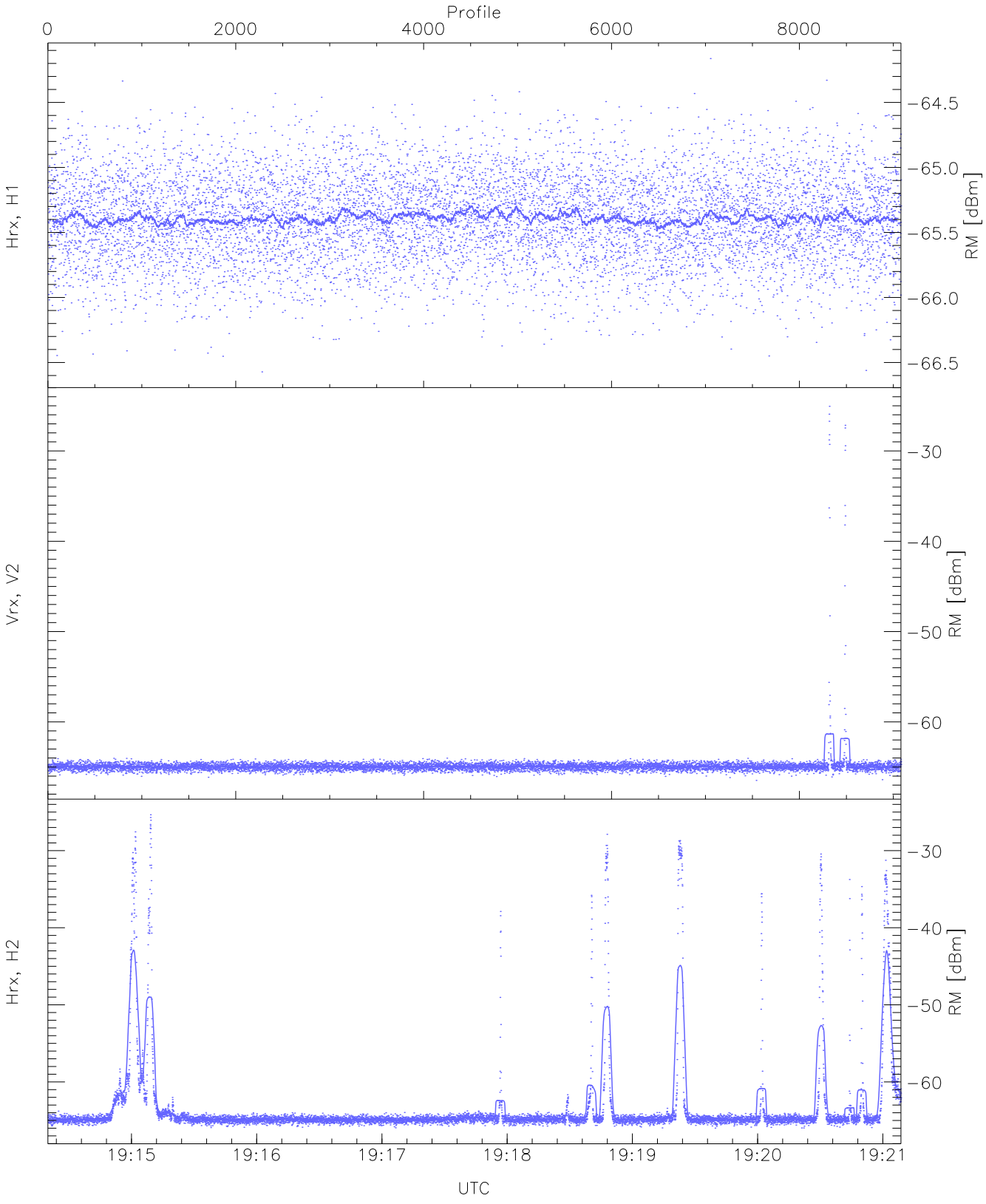
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.29	-63.88	-64.94	-64.95	-76.48
Vrx, V2(WL [dBm])	-66.12	-63.85	-64.92	-64.93	-76.42
Hrx, H2(WL [dBm])	-66.30	-63.71	-64.94	-64.94	-76.41



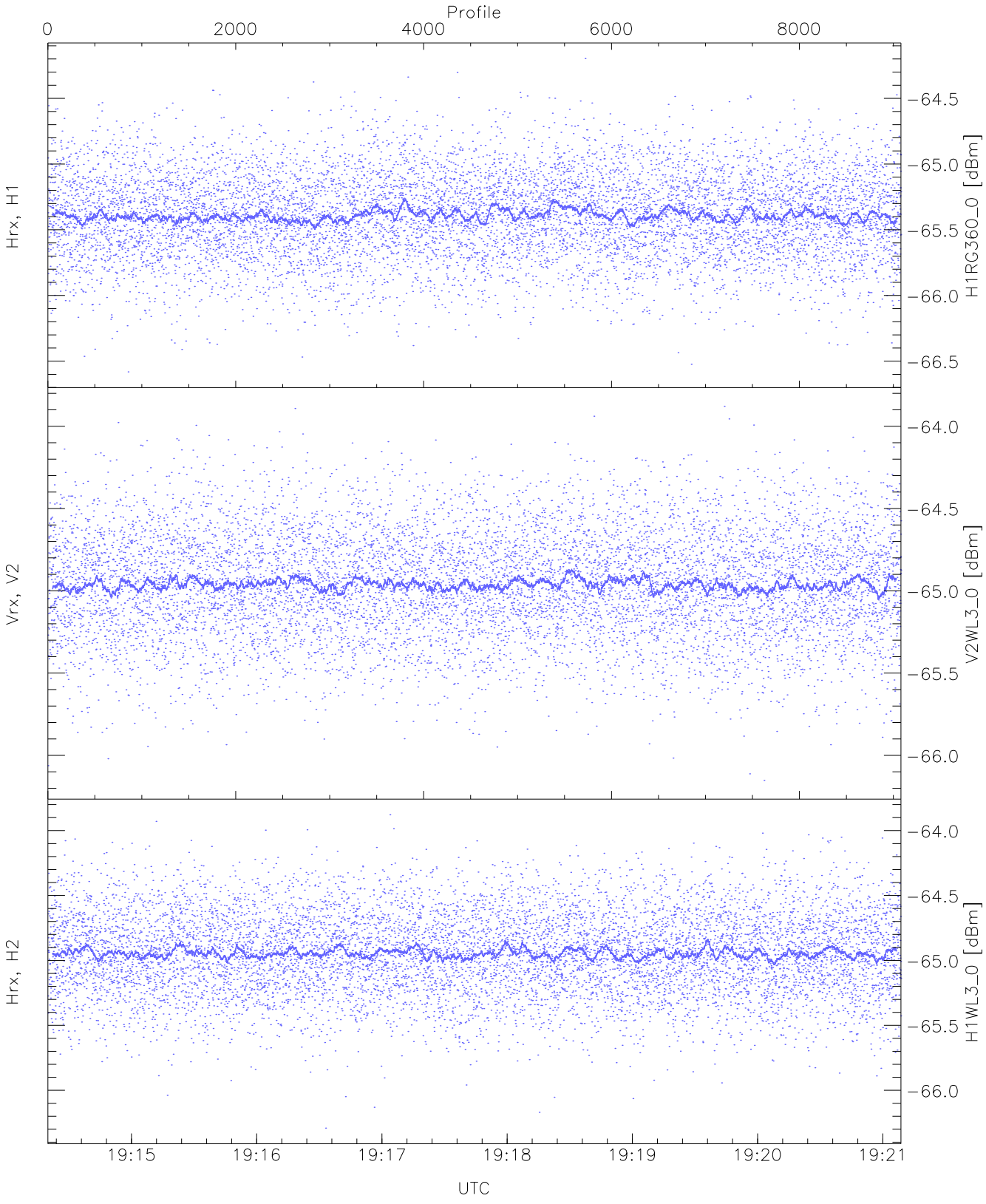
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.99	-63.33	-64.73	-64.74	-76.19
Vrx, V2(HL [dBm])	-65.89	-49.63	-64.65	-64.74	-66.85
Hrx, H2(HL [dBm])	-65.93	-63.60	-64.73	-64.74	-76.28



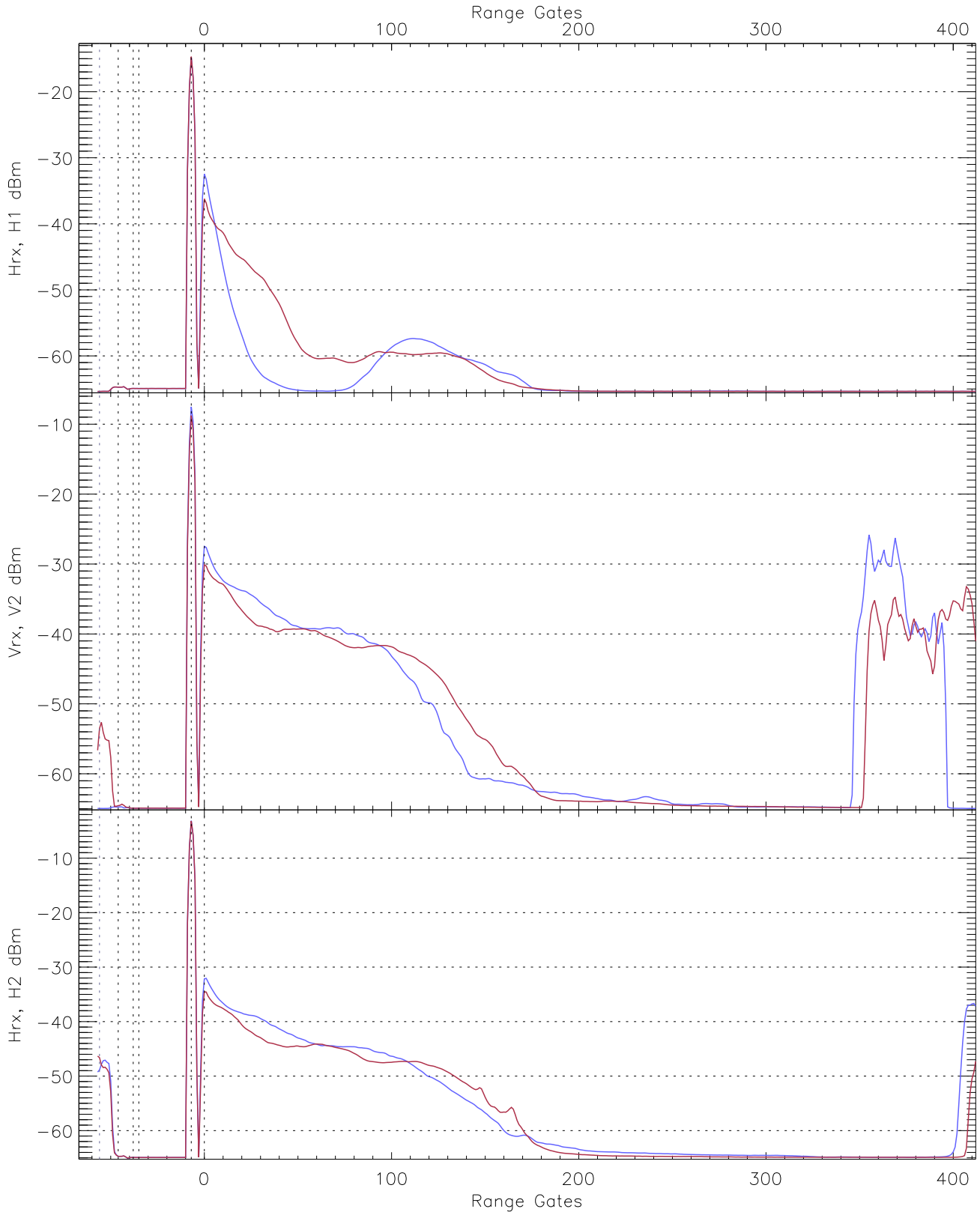
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.57	-64.16	-65.38	-65.39	-76.82
Vrx, V2(RM [dBm])	-66.48	-25.05	-56.22	-64.97	-42.03
Hrx, H2(RM [dBm])	-65.99	-25.35	-47.60	-64.80	-39.05

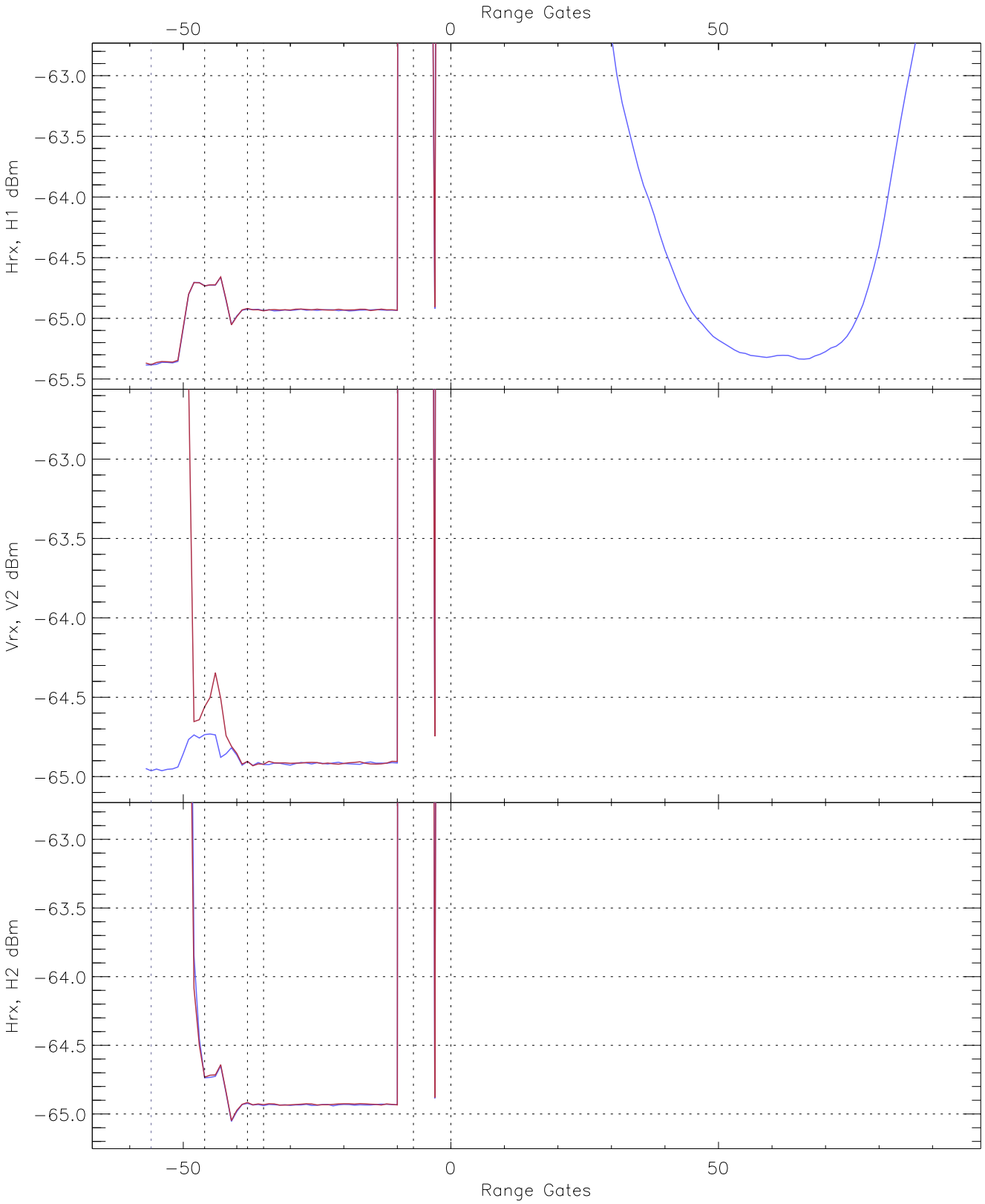


WCR3 CPP "Best" estimate Receivers Noise Power

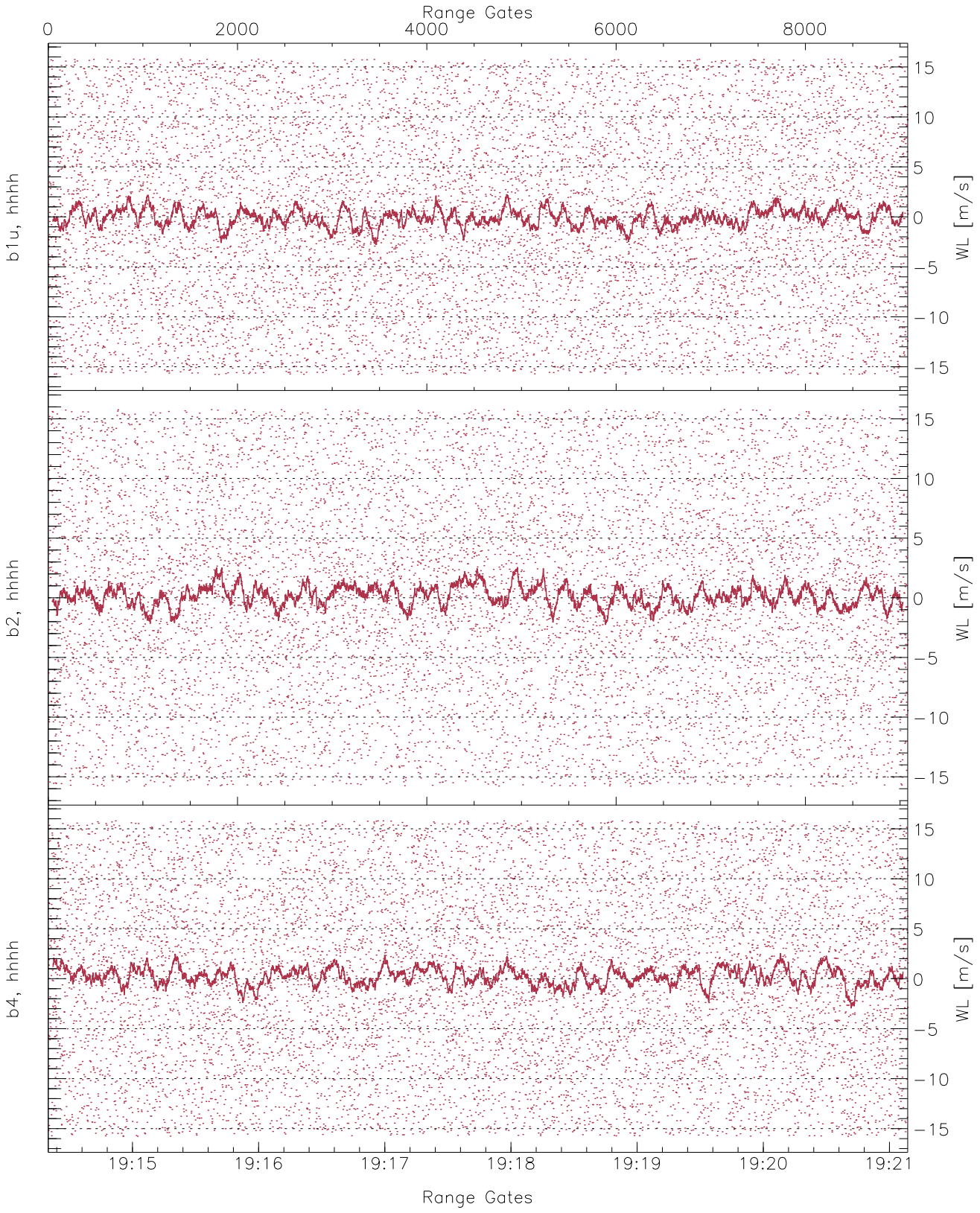
	Min	Max	Mean	Median	StDev
H1RG360_0 [dBm]	-66.58	-64.20	-65.38	-65.39	-76.85
V2WL3_0 [dBm]	-66.15	-63.88	-64.95	-64.96	-76.45
H1WL3_0 [dBm]	-66.29	-63.88	-64.94	-64.95	-76.48



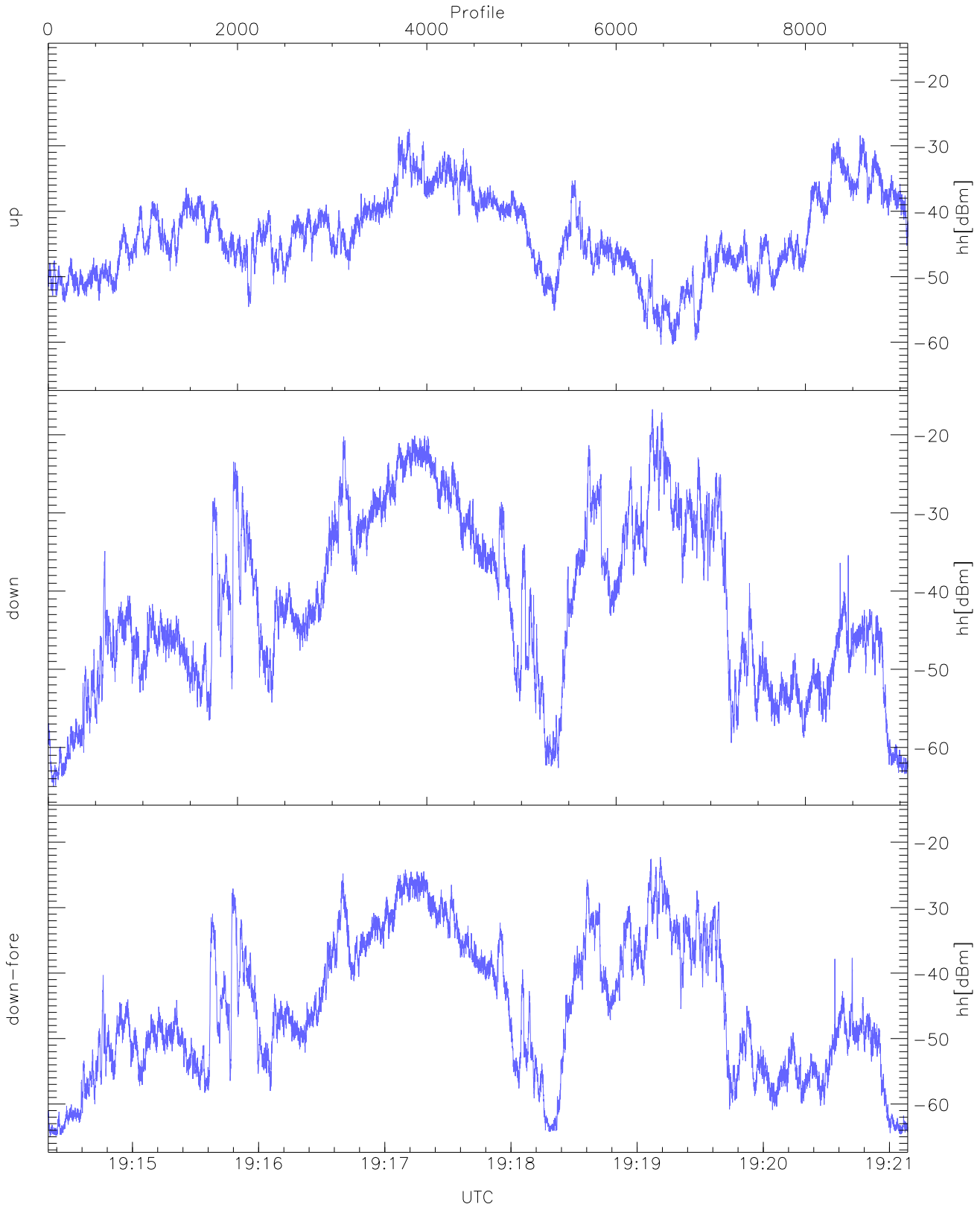
WCR3 CPP Averaged Received power for all recorded gates
blue: 191420-191744, 4542 profiles averaged
red: 191744-192109, 4541 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 191420-191744, 4542 profiles averaged
red: 191744-192109, 4541 profiles averaged

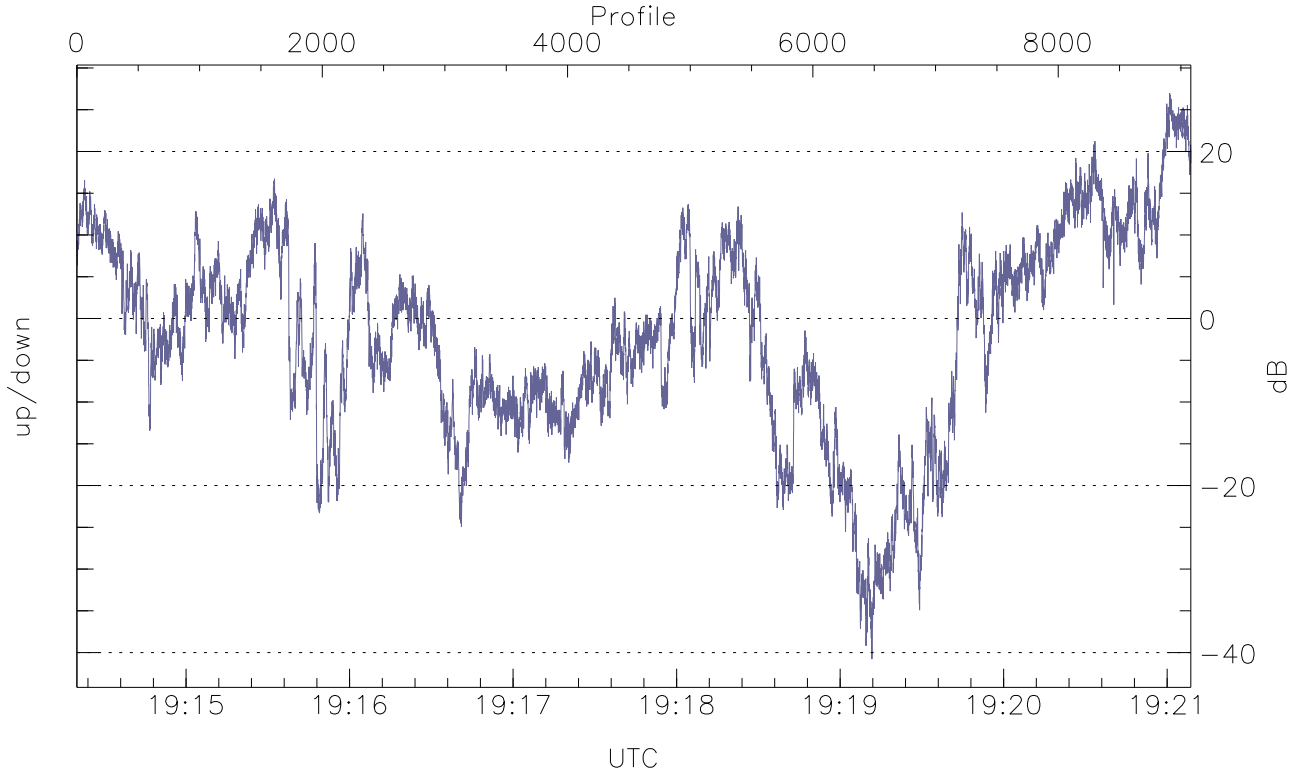


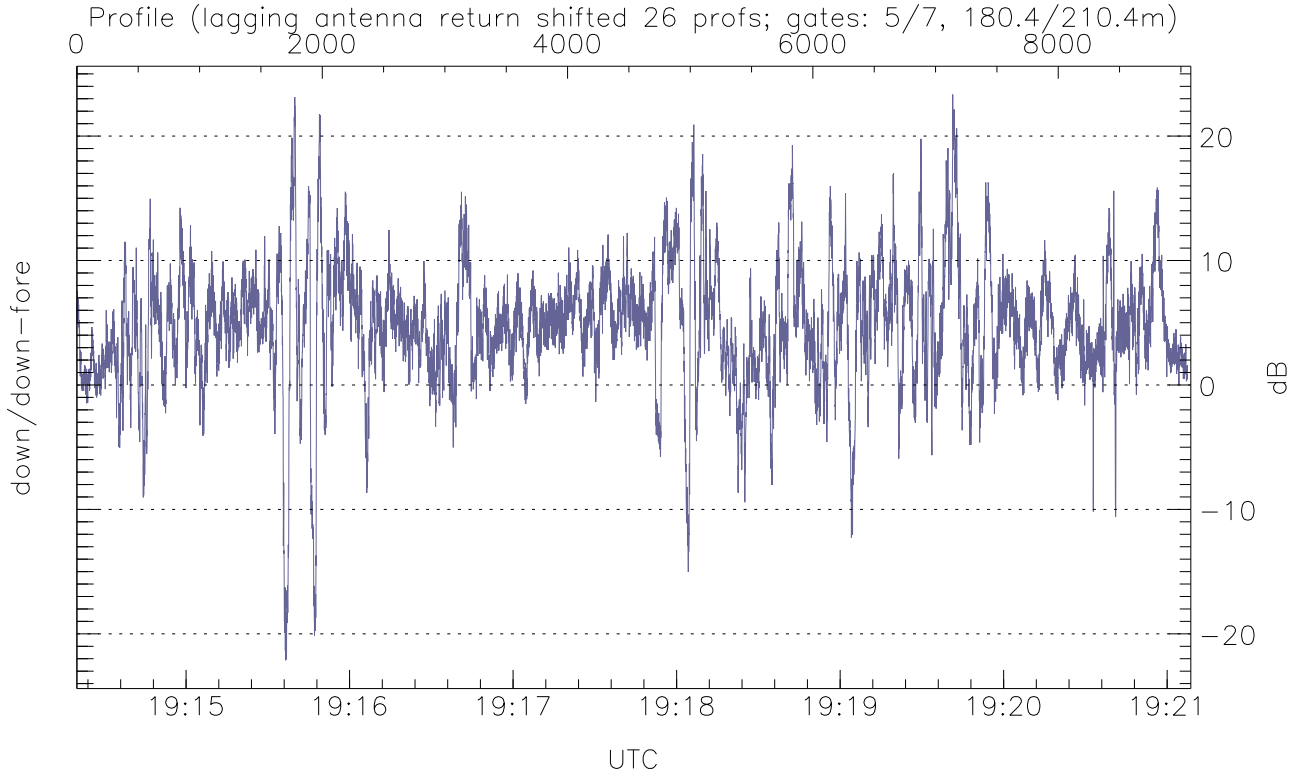
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

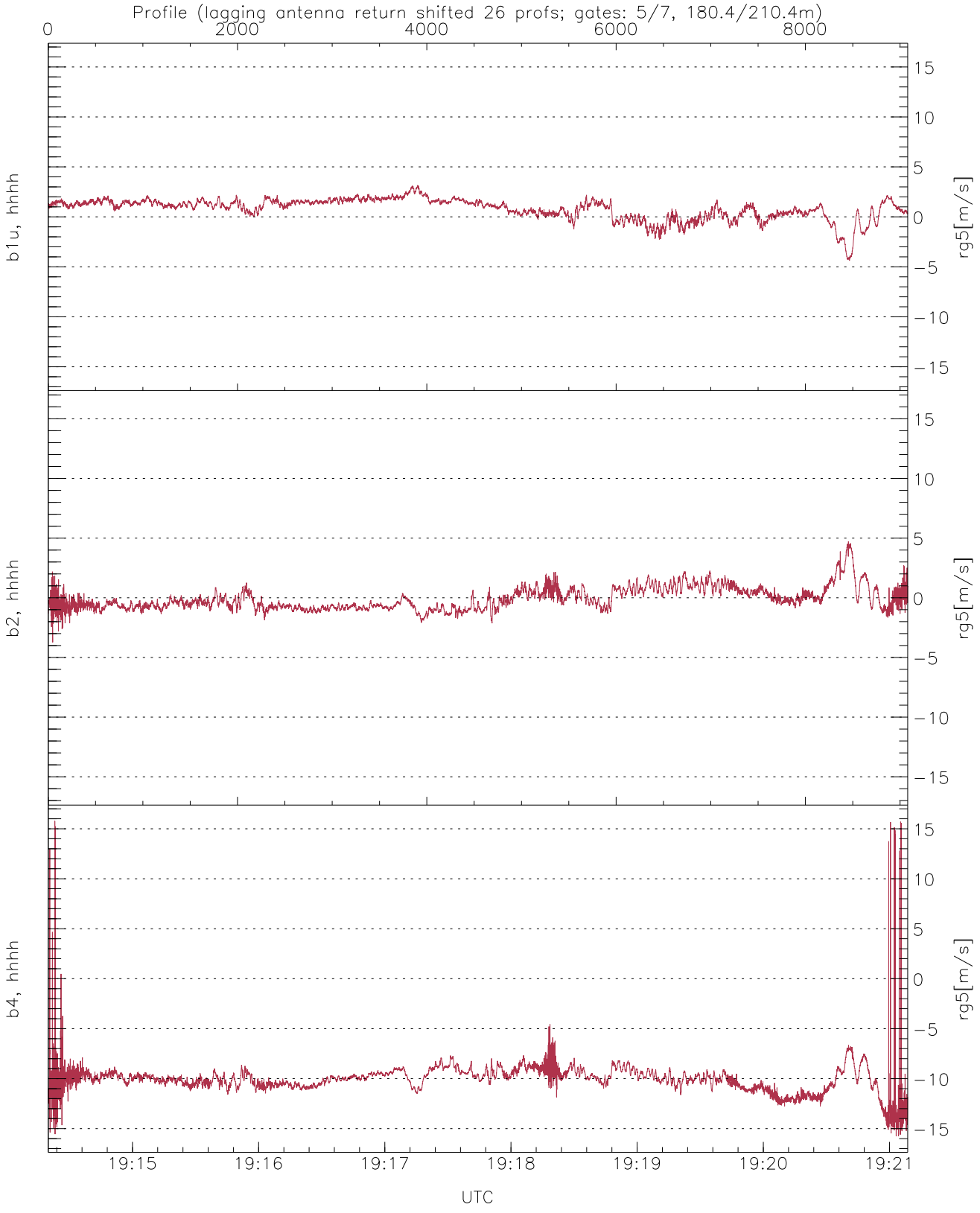
	Min	Max	Mean
up(hh[dBm])	-60.34	-27.44	-39.46
down(hh[dBm])	-64.94	-16.75	-31.16
down-fore(hh[dBm])	-64.96	-22.27	-35.48





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

	Min	Max	Mean
up/down(dB)	-40.78	26.96	-2.16
down/down-fore(dB)	-22.12	23.34	4.77



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-4.38	3.16	0.79	1.06
b2, hhhh(rg5[m/s])	-3.73	4.72	-0.08	0.96
b4, hhhh(rg5[m/s])	-15.76	15.78	-10.03	1.52