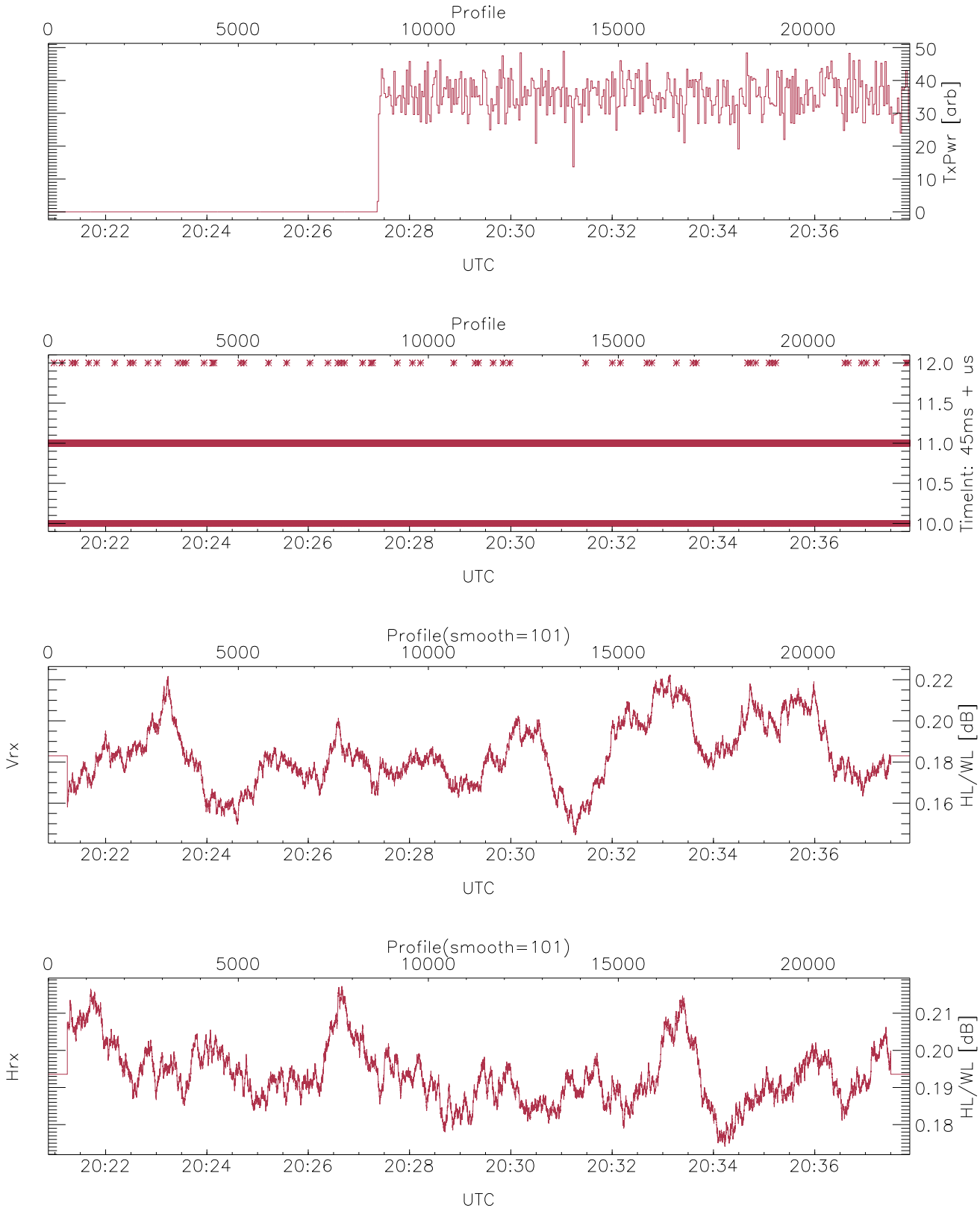
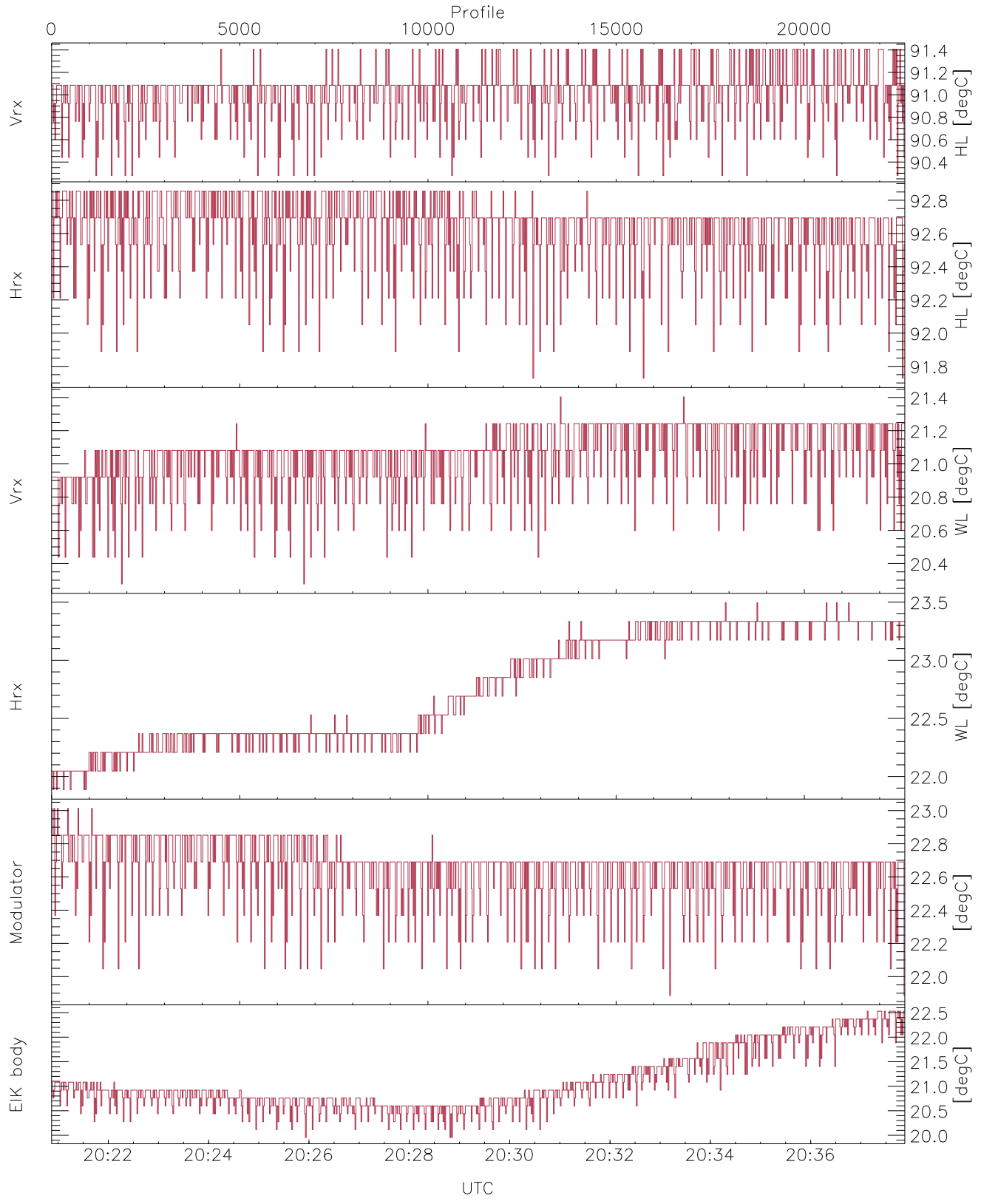


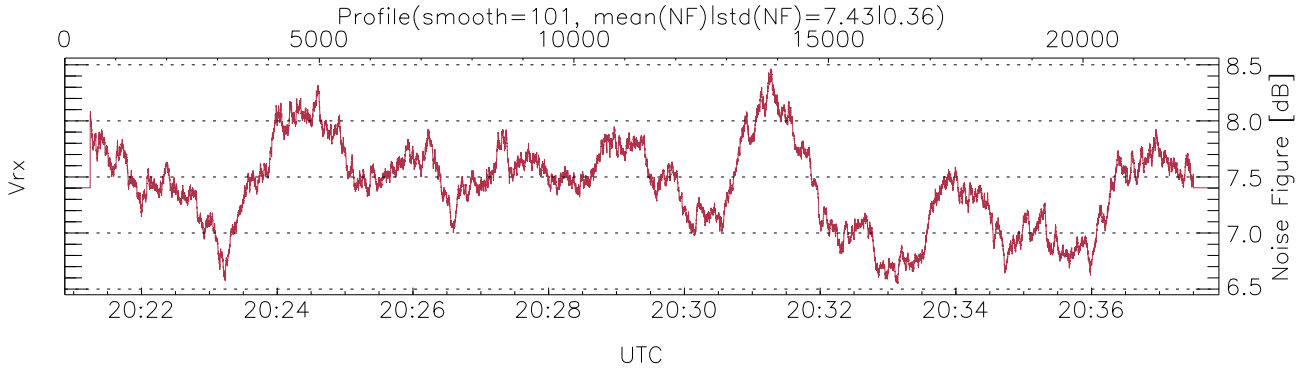
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

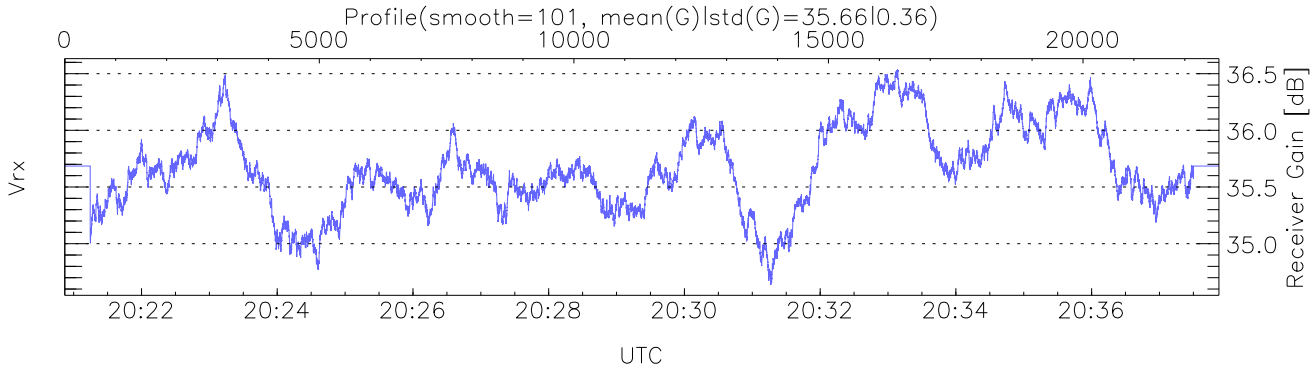
UTC: 20:20:52-20:37:53, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/20:20:52-20:37:53
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

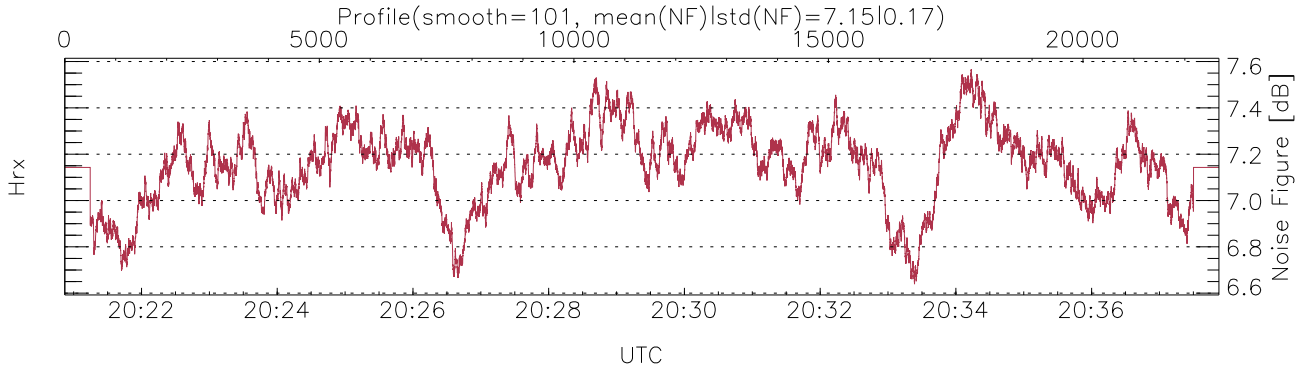


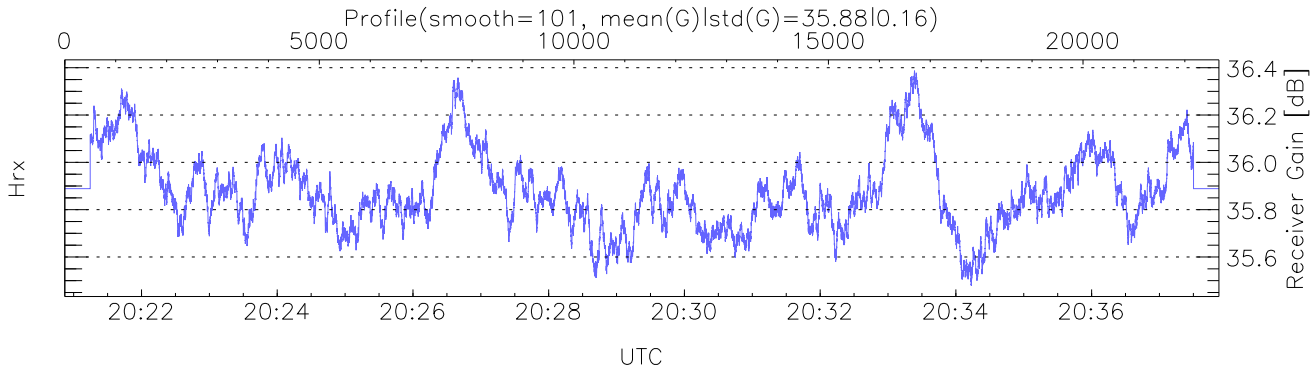
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,21,21,19
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,23,22
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



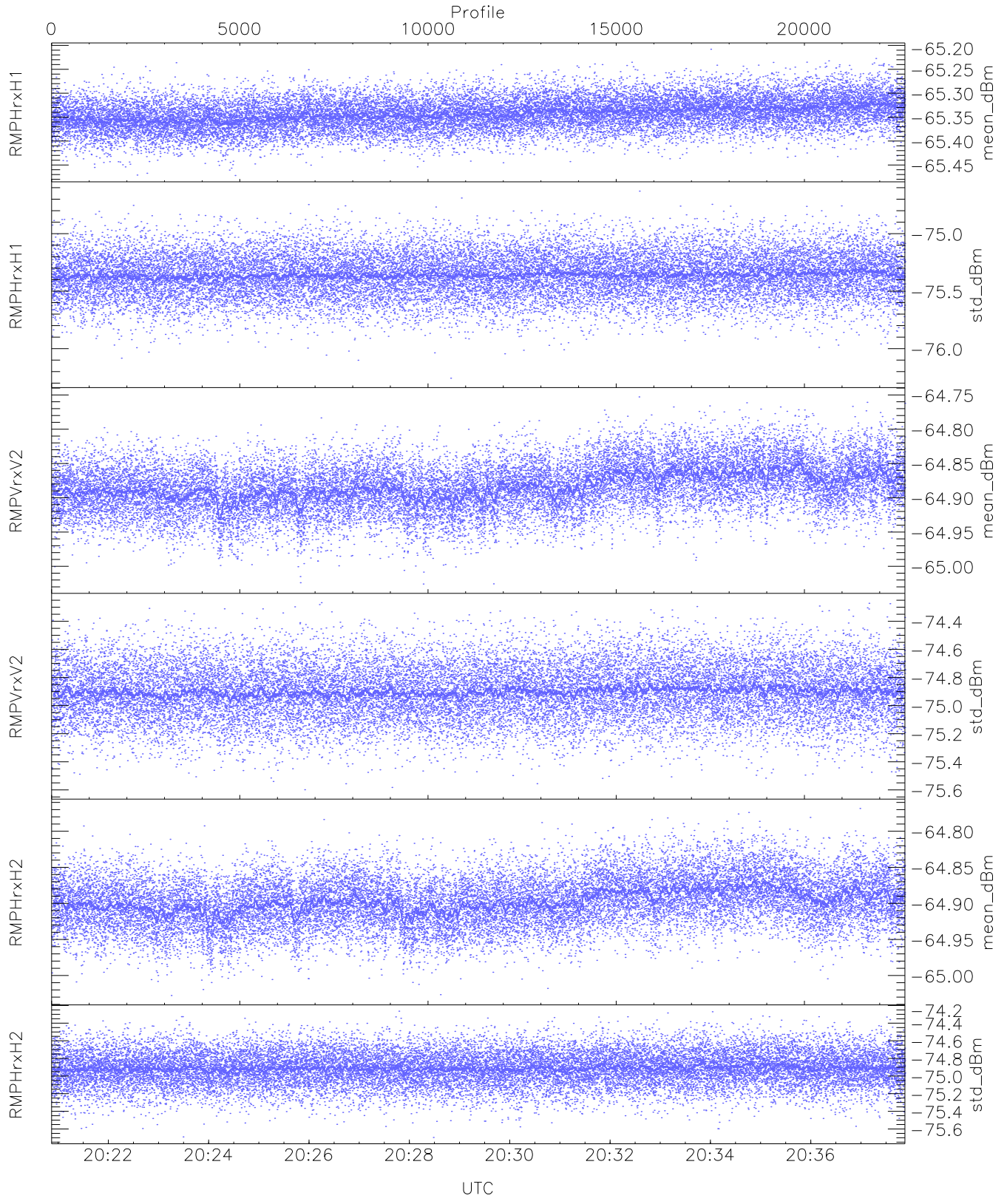






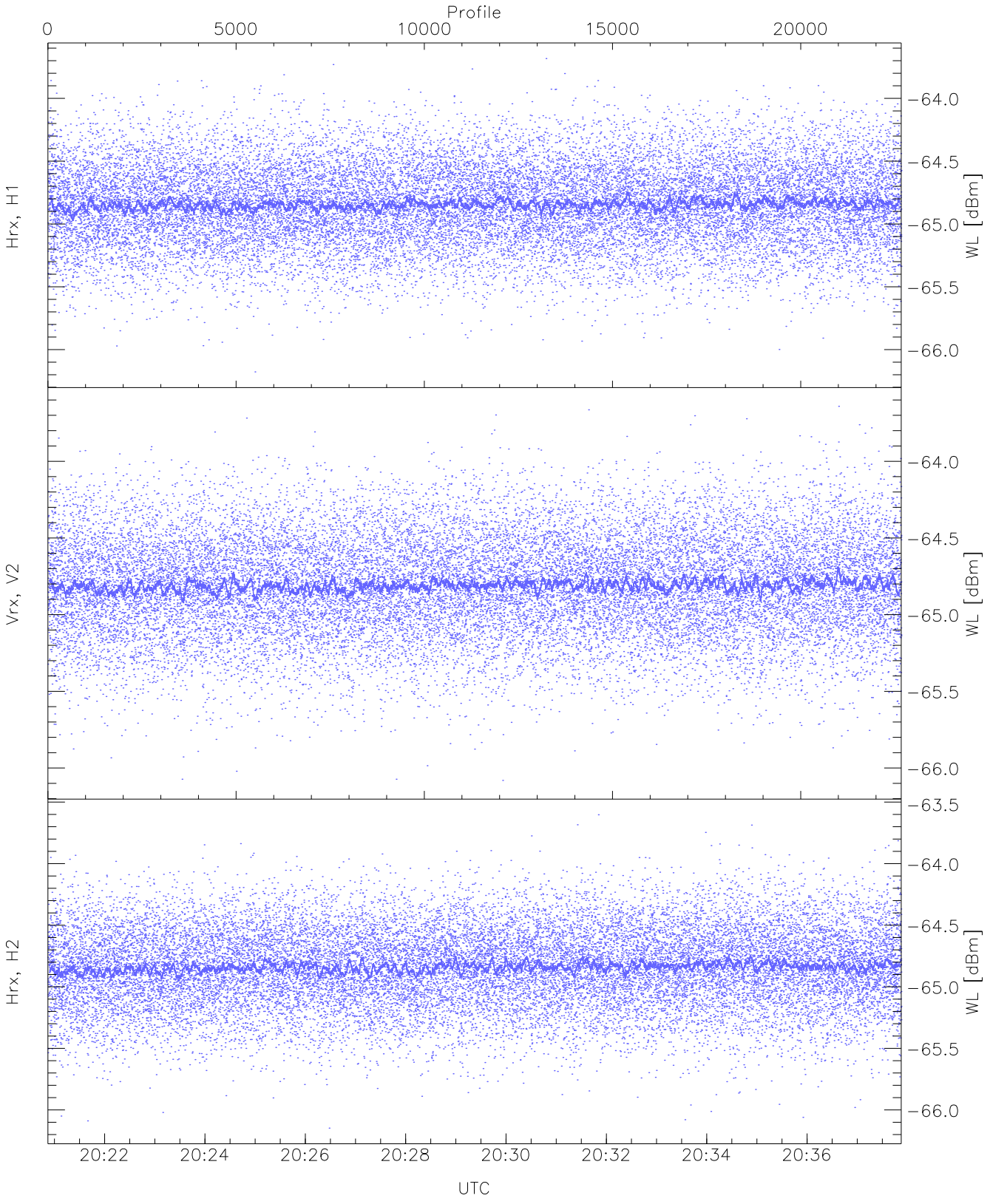
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 5 pixs, 3 gates, 5 profs, 1 prod(s)



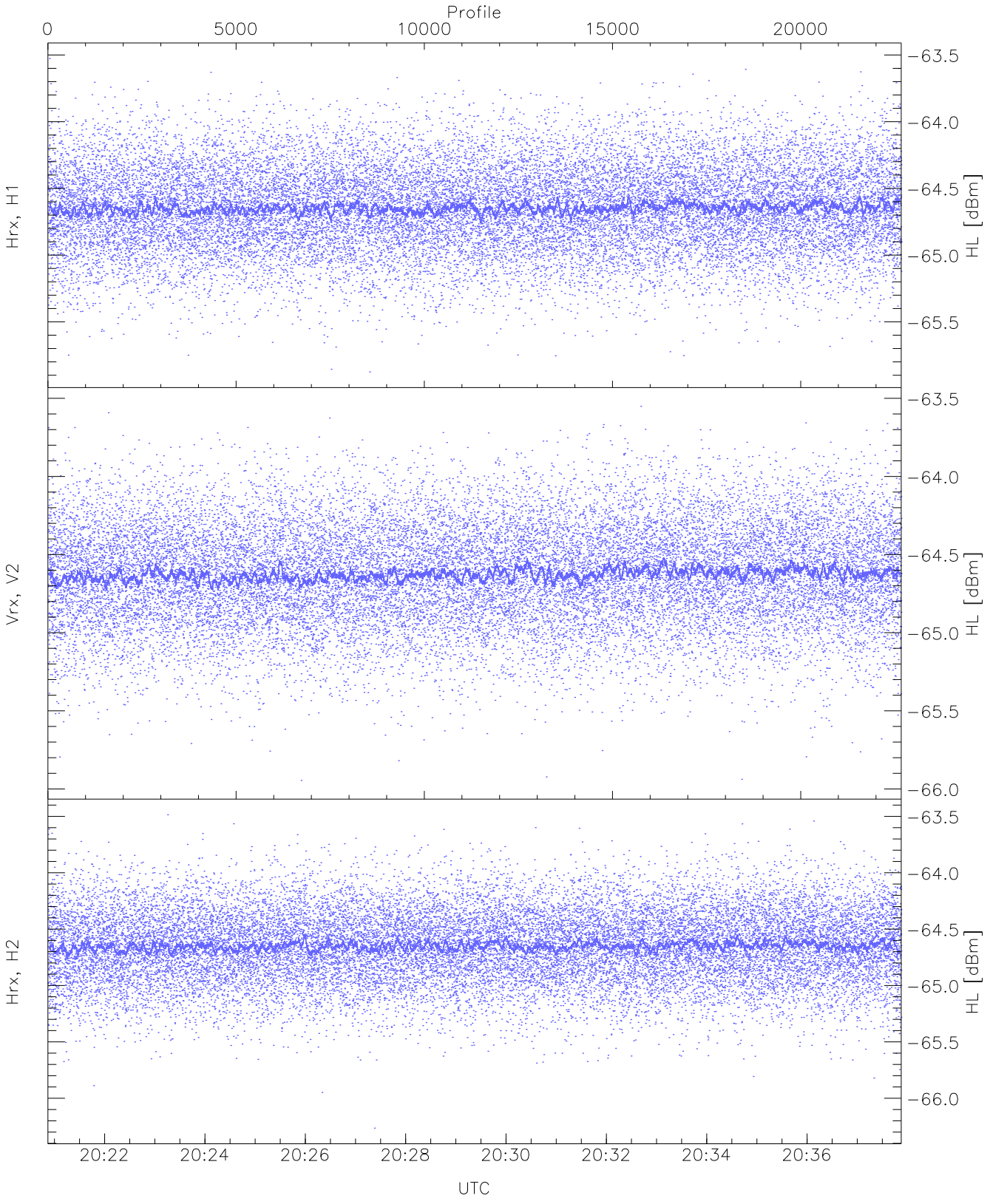
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.47	-65.21	-65.34	-65.34	-86.69
RMPHrxH1(std_dBm)	-76.26	-74.63	-75.36	-75.36	-89.15
RMPVrxV2(mean_dBm)	-65.03	-64.75	-64.88	-64.88	-85.89
RMPVrxV2(std_dBm)	-75.60	-74.27	-74.90	-74.90	-88.65
RMPHrxH2(mean_dBm)	-65.03	-64.77	-64.90	-64.90	-86.09
RMPHrxH2(std_dBm)	-75.70	-74.26	-74.91	-74.91	-88.69



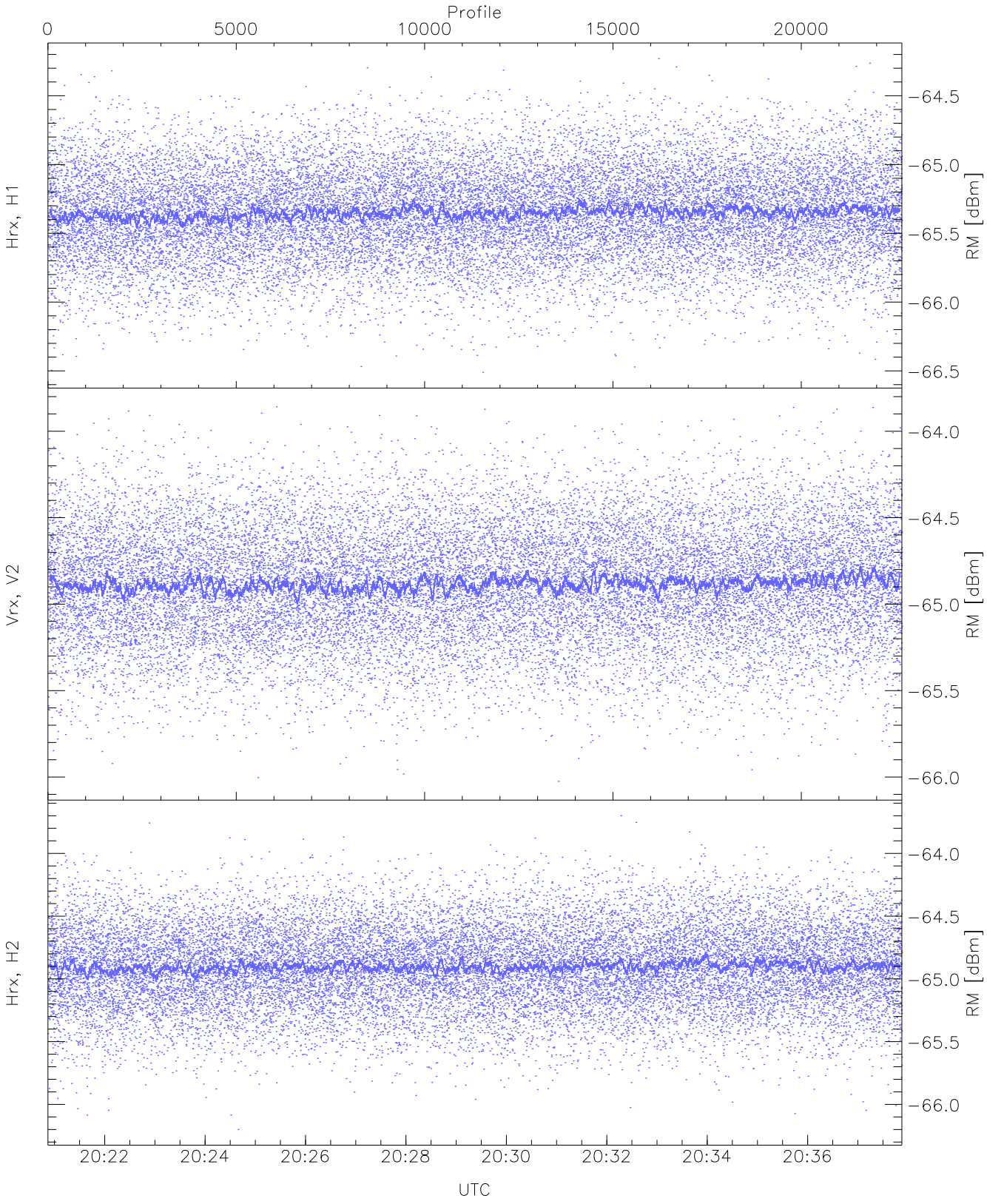
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.18	-63.68	-64.84	-64.85	-76.34
Vrx, V2(WL [dBm])	-66.08	-63.64	-64.80	-64.81	-76.30
Hrx, H2(WL [dBm])	-66.15	-63.60	-64.83	-64.84	-76.36



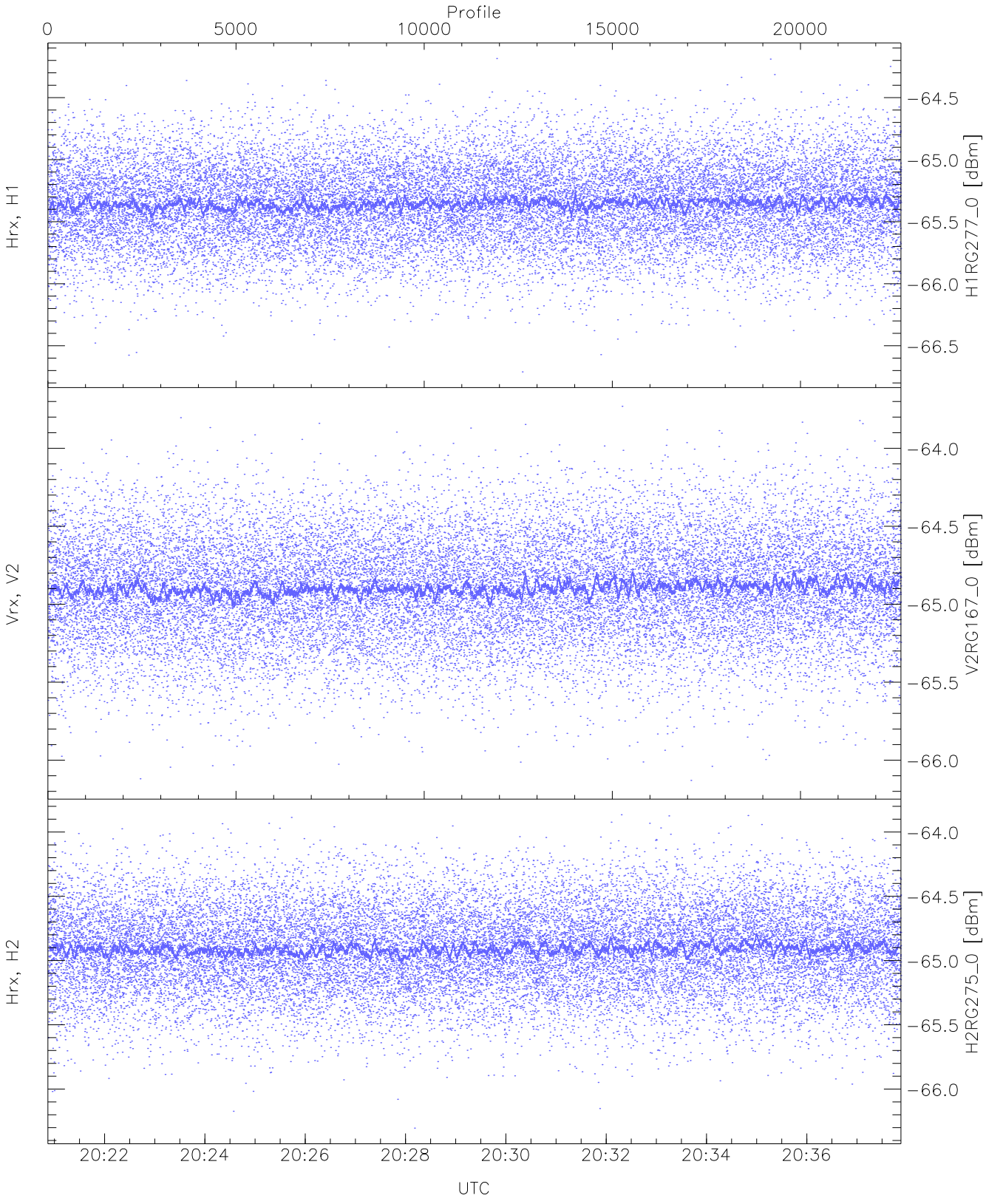
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.88	-63.53	-64.64	-64.65	-76.18
Vrx, V2(HL [dBm])	-65.95	-63.55	-64.62	-64.63	-76.14
Hrx, H2(HL [dBm])	-66.26	-63.49	-64.64	-64.65	-76.16



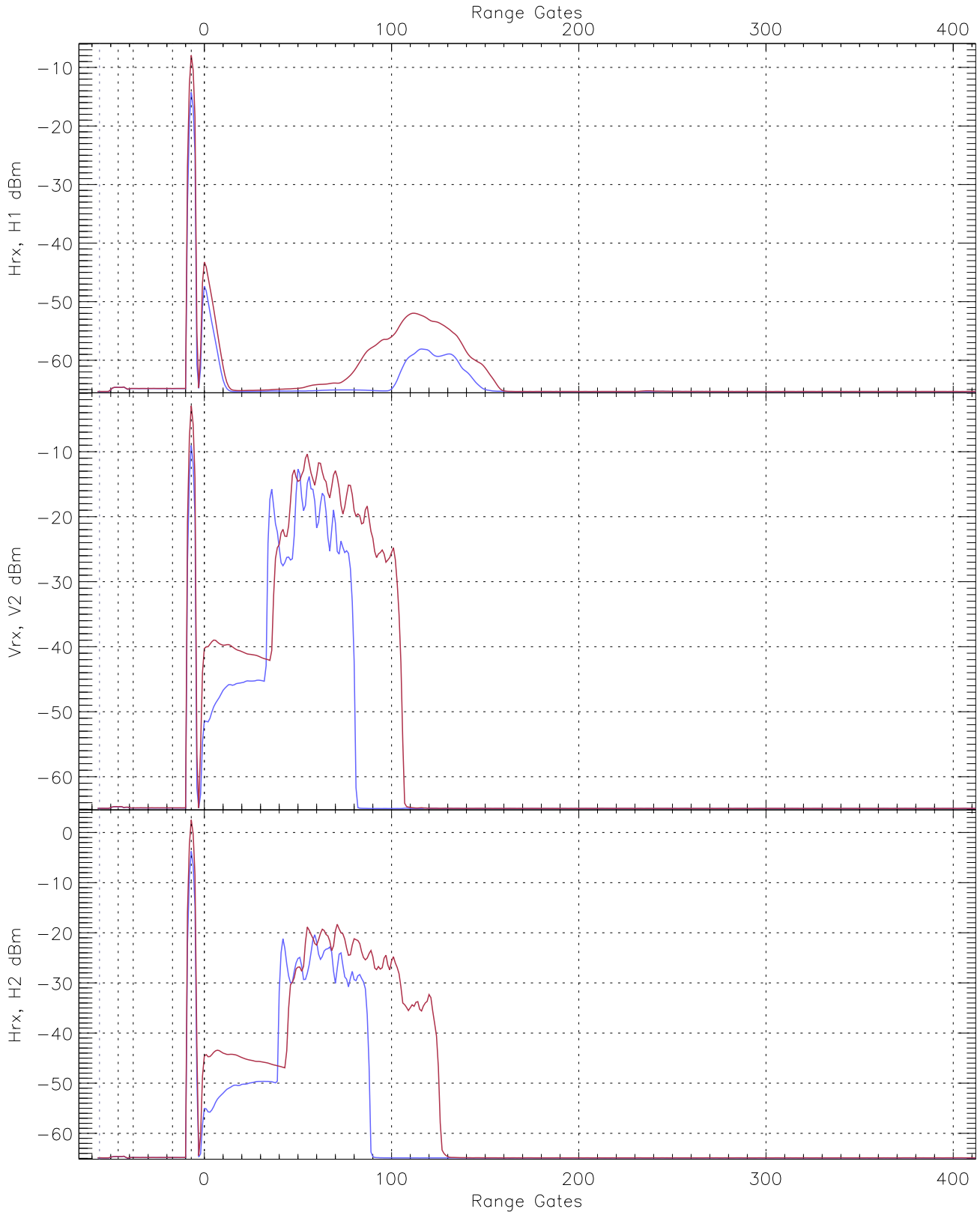
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.51	-64.23	-65.34	-65.35	-76.81
Vrx, V2(RM [dBm])	-66.02	-63.86	-64.88	-64.88	-76.37
Hrx, H2(RM [dBm])	-66.20	-63.70	-64.90	-64.90	-76.39

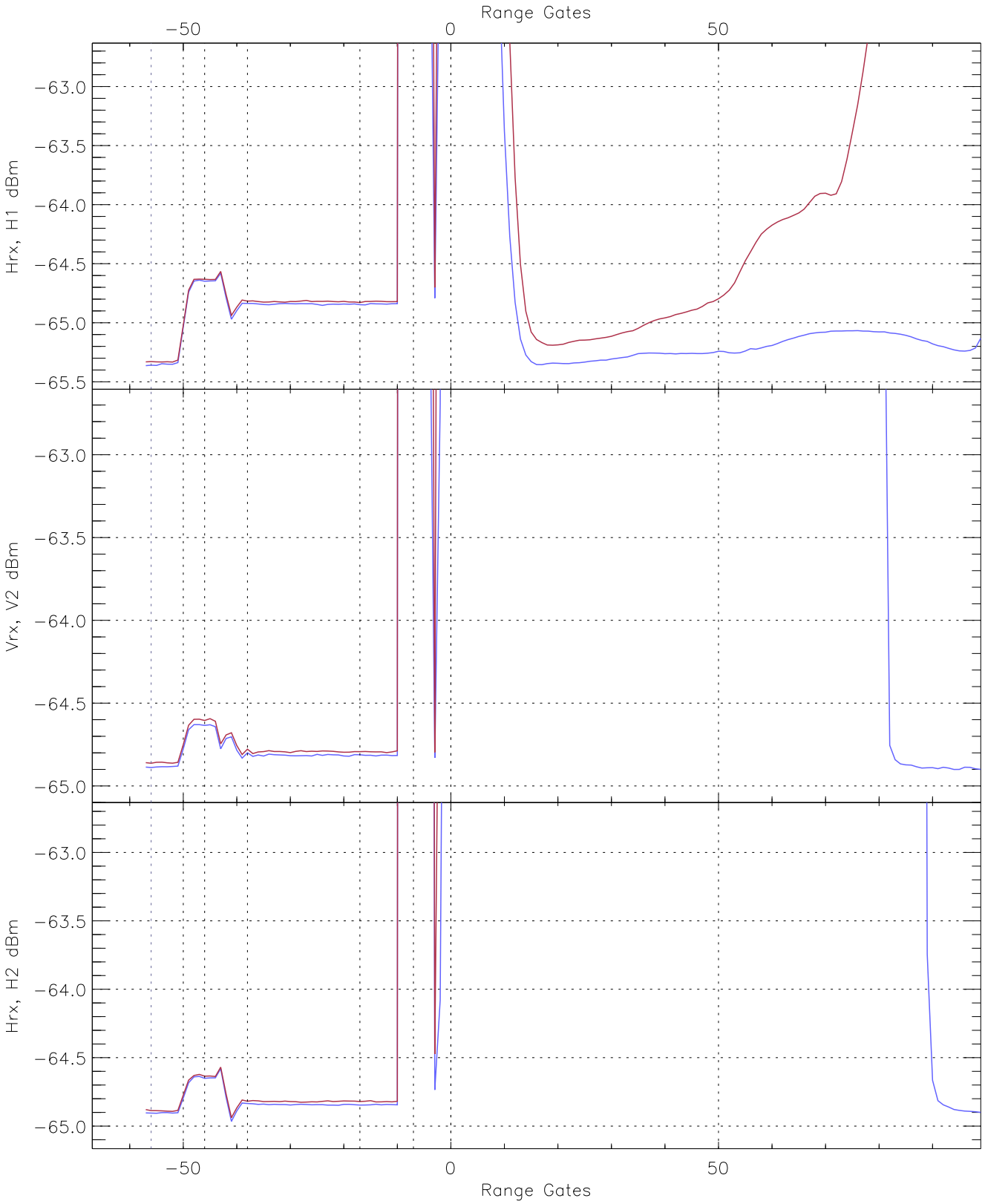


WCR3 CPP "Best" estimate Receivers Noise Power

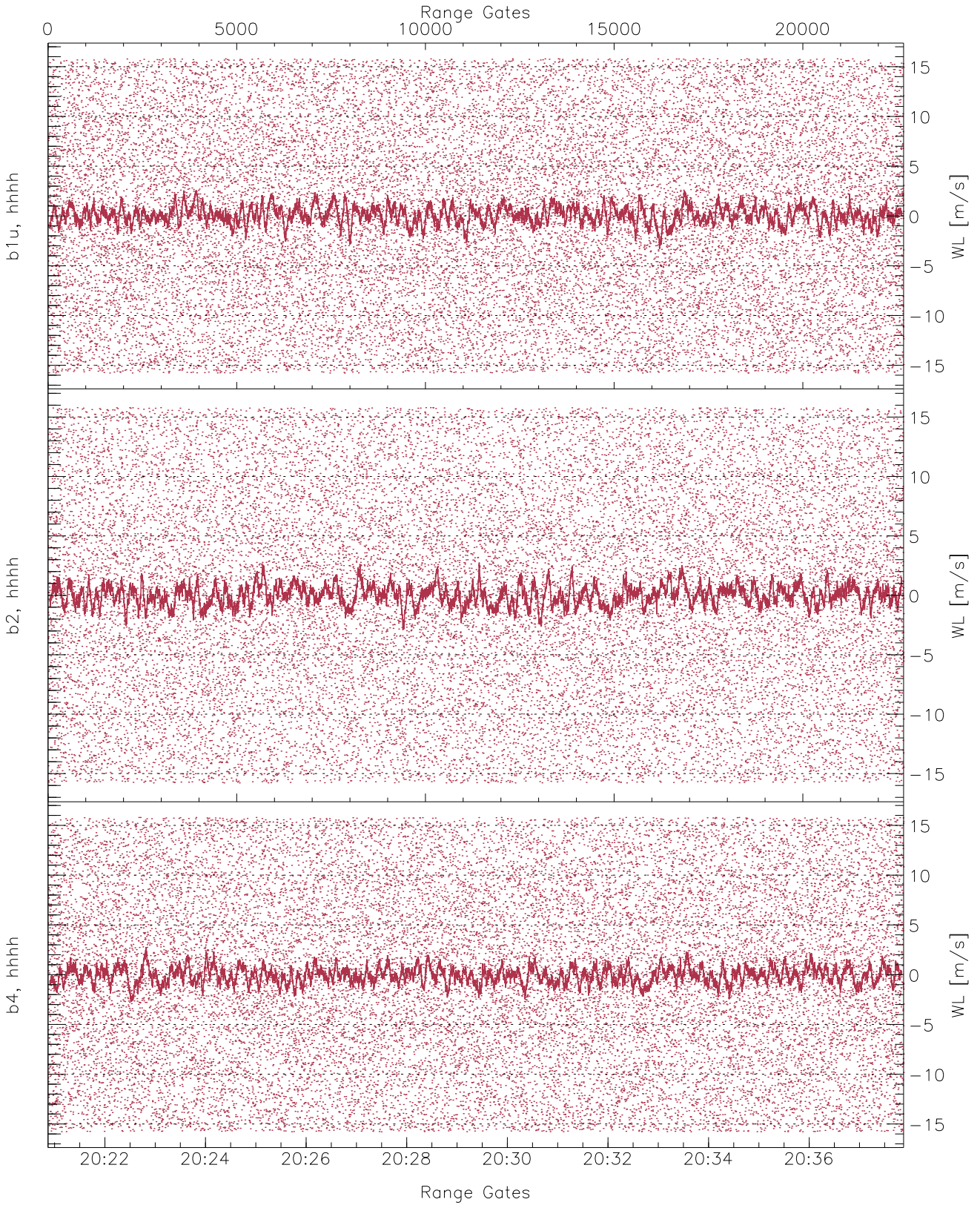
	Min	Max	Mean	Median	StDev
H1RG277_0 [dBm]	-66.71	-64.19	-65.35	-65.35	-76.89
V2RG167_0 [dBm]	-66.13	-63.73	-64.89	-64.90	-76.39
H2RG275_0 [dBm]	-66.30	-63.87	-64.90	-64.91	-76.40



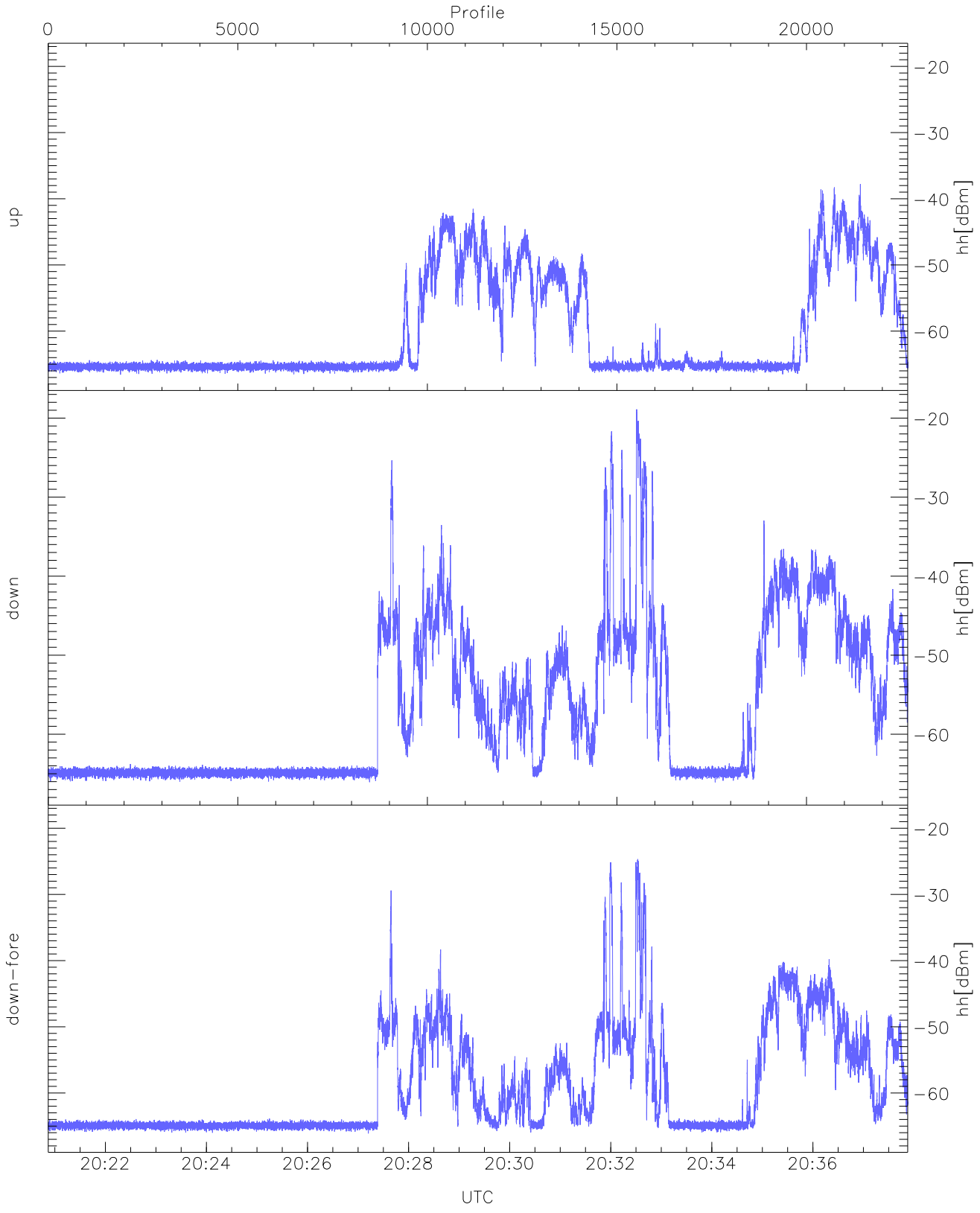
WCR3 CPP Averaged Received power for all recorded gates
blue: 202052-202922, 11337 profiles averaged
red: 202922-203753, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 202052-202922, 11337 profiles averaged
red: 202922-203753, 11336 profiles averaged

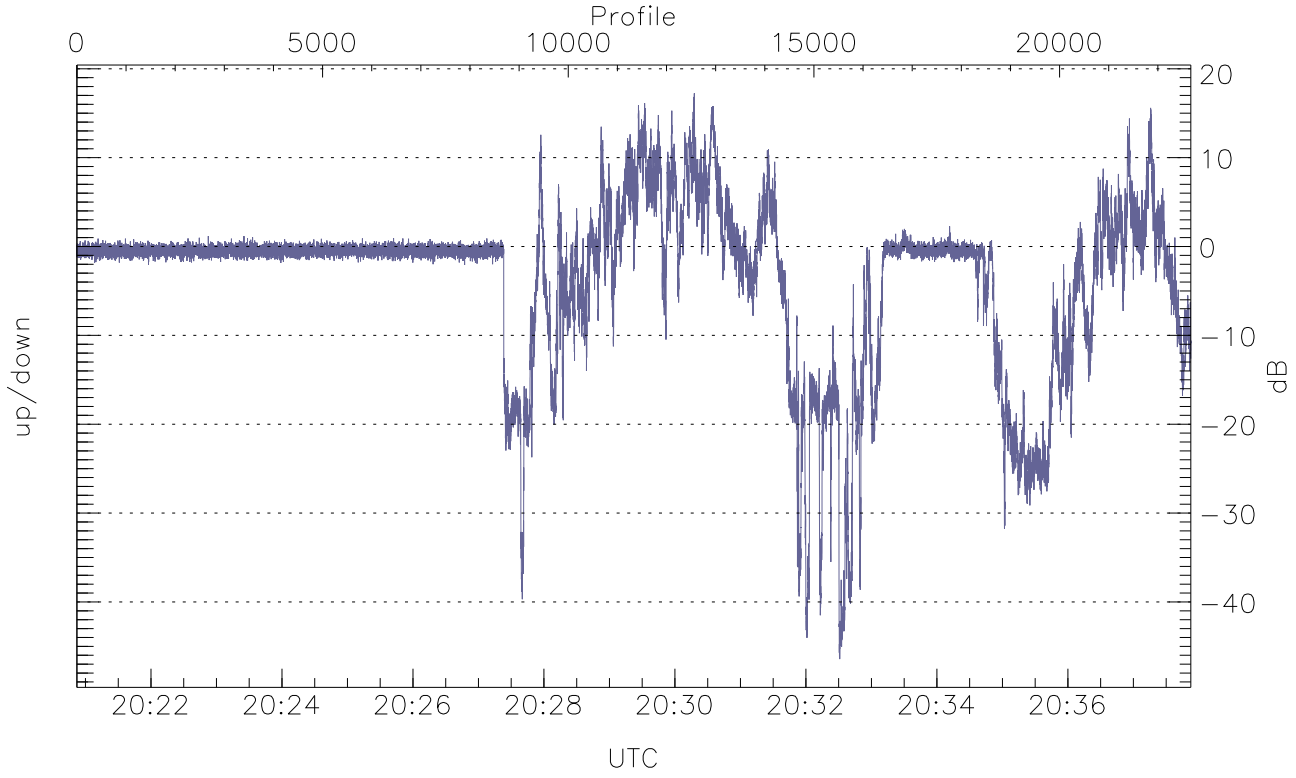


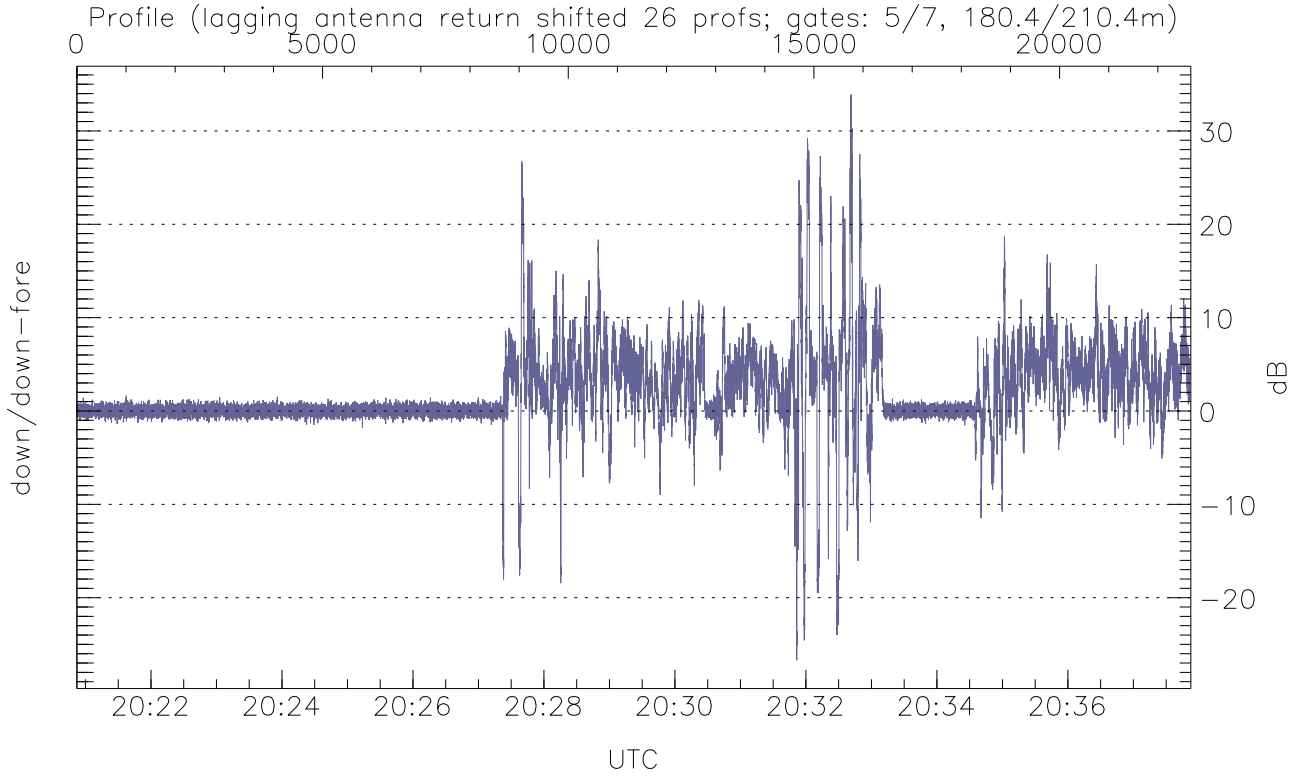
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

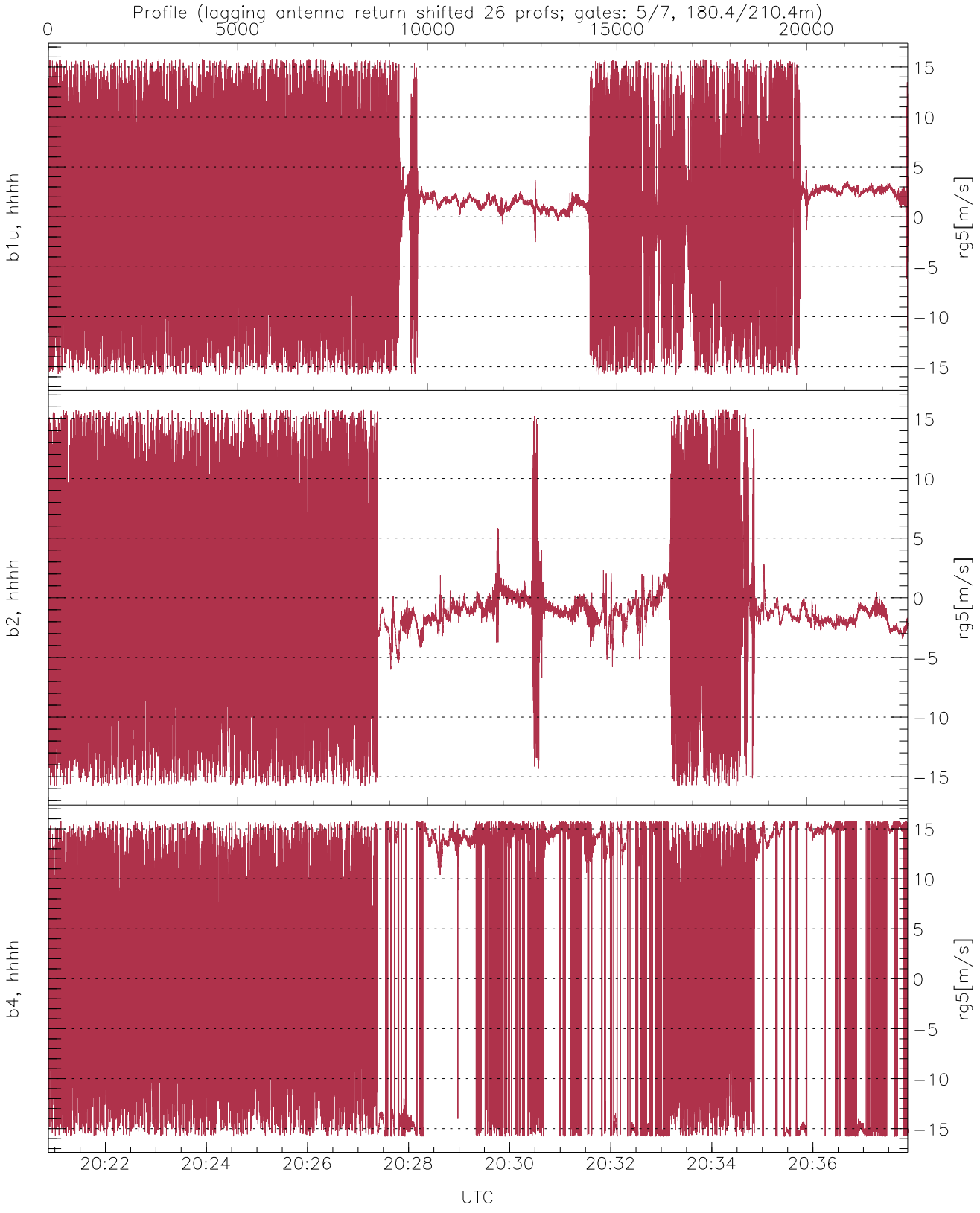
	Min	Max	Mean
up(hh[dBm])	-66.58	-37.80	-52.78
down(hh[dBm])	-66.07	-18.89	-41.61
down-fore(hh[dBm])	-66.12	-24.66	-46.52





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

	Min	Max	Mean
up/down(dB)	-46.43	17.24	-3.63
down/down-fore(dB)	-26.70	33.90	1.95



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.72	7.02
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.65	6.05
b4, hhhh(rg5[m/s])	-15.79	15.79	3.20	11.73