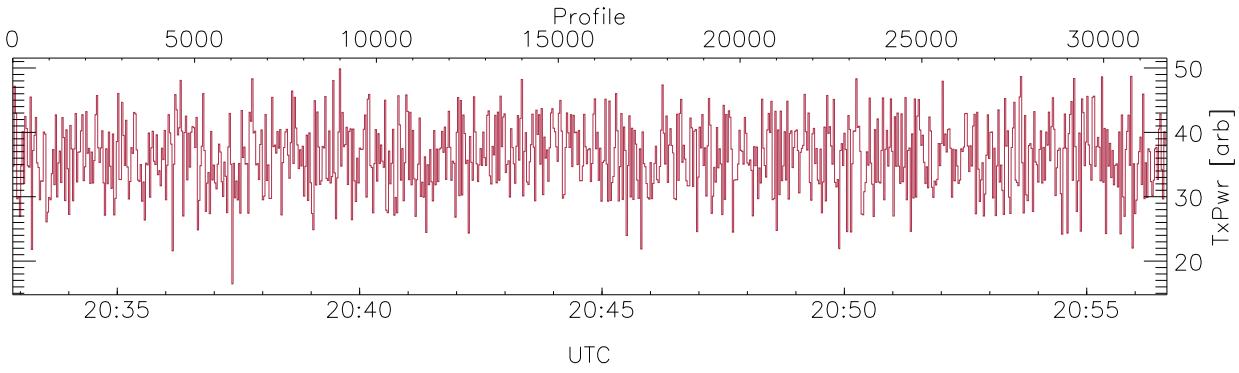
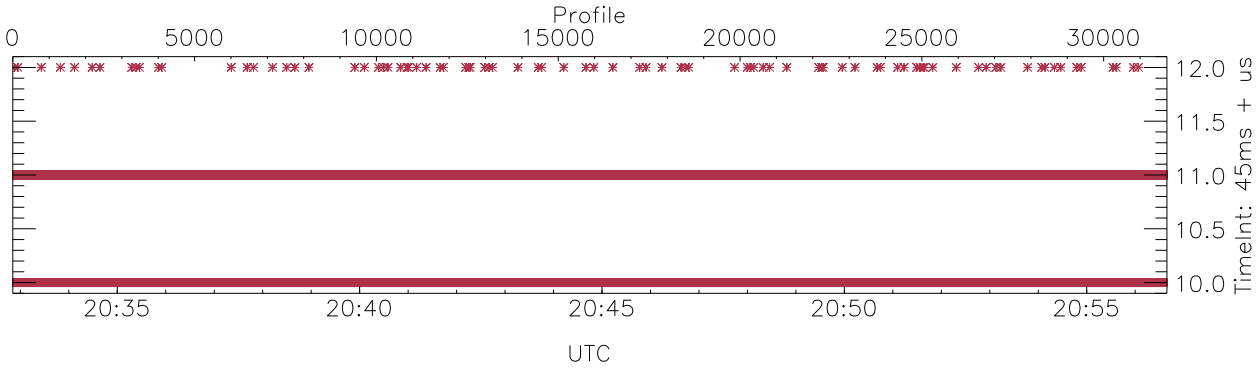
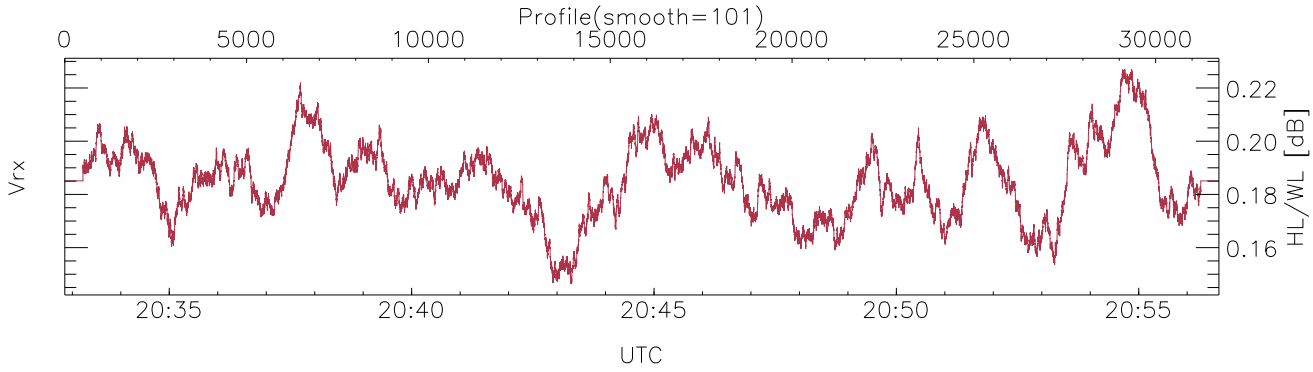
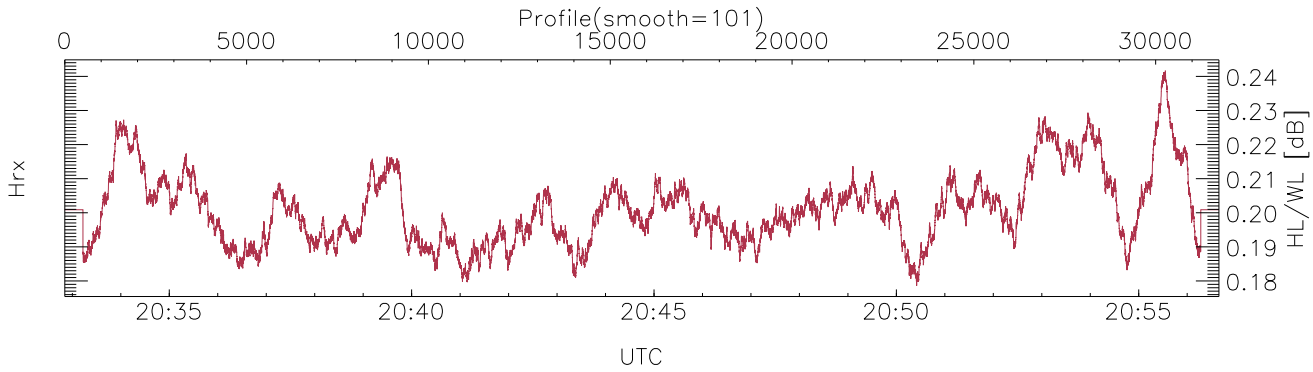


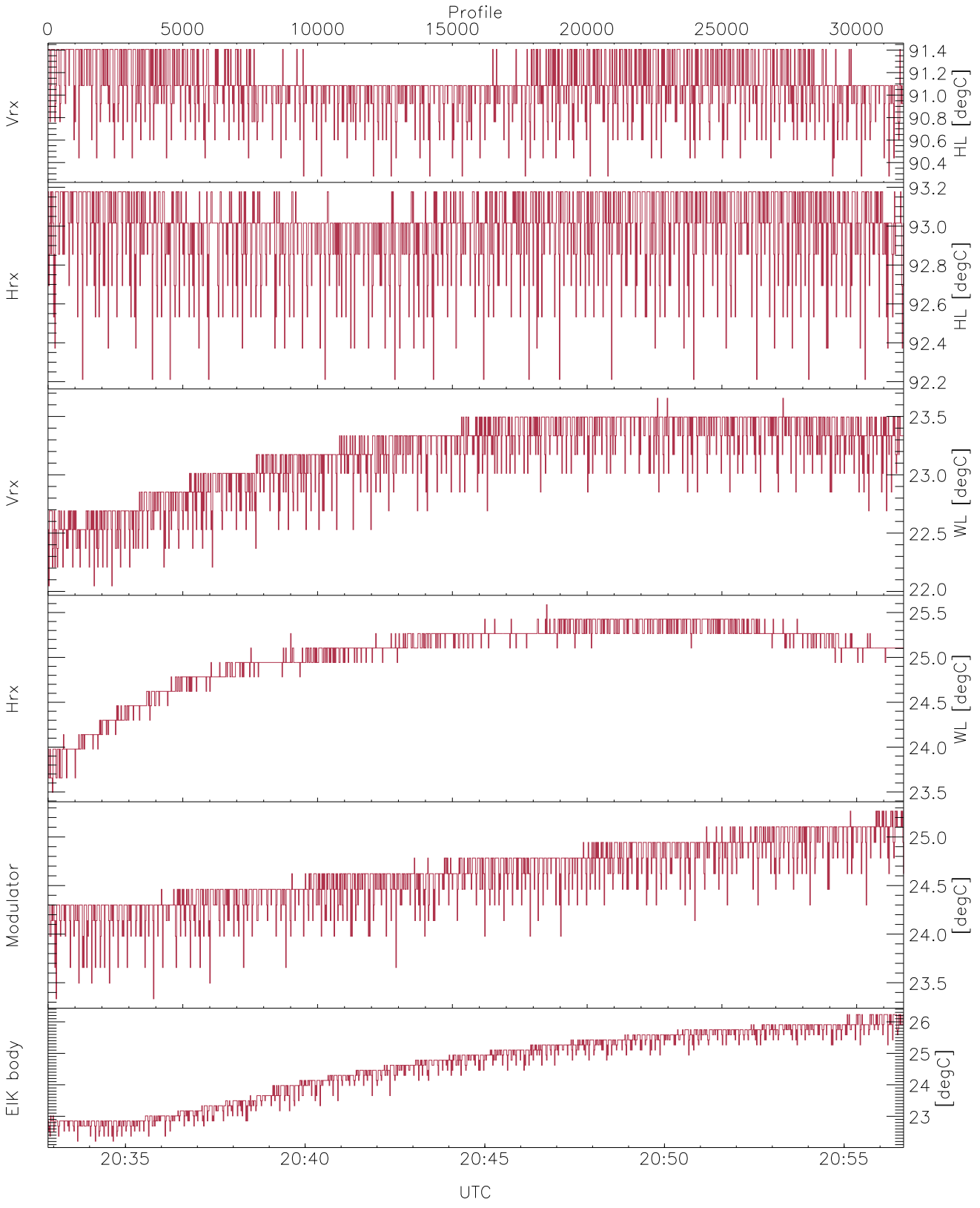






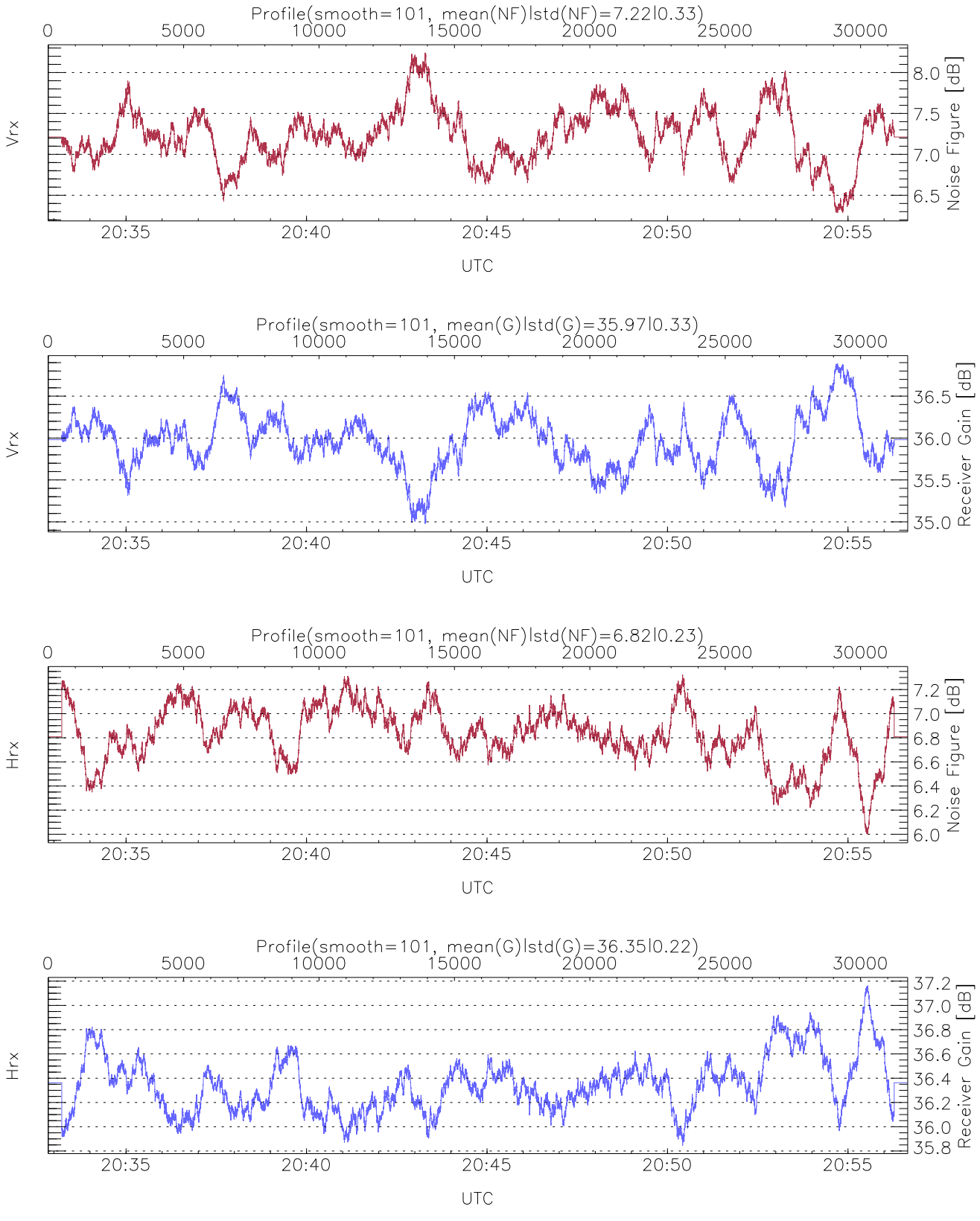
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:32:51-20:56:39, TimeCor: 0.00s, Dur: 1428.66s
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): 31741/31741, 0-31740/20:32:51-20:56:39
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



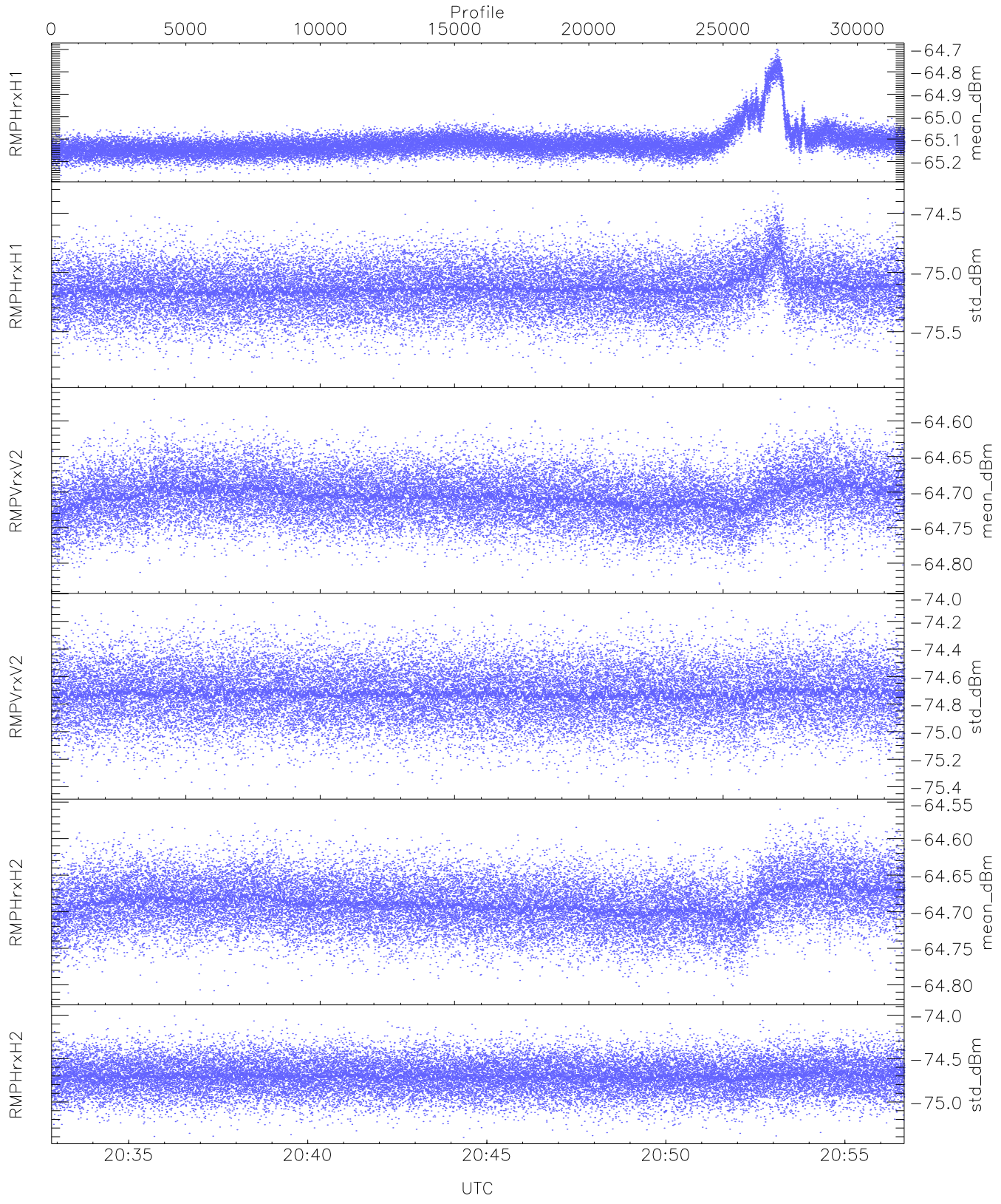
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,23,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,114,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (70,70,94,94,94,94)



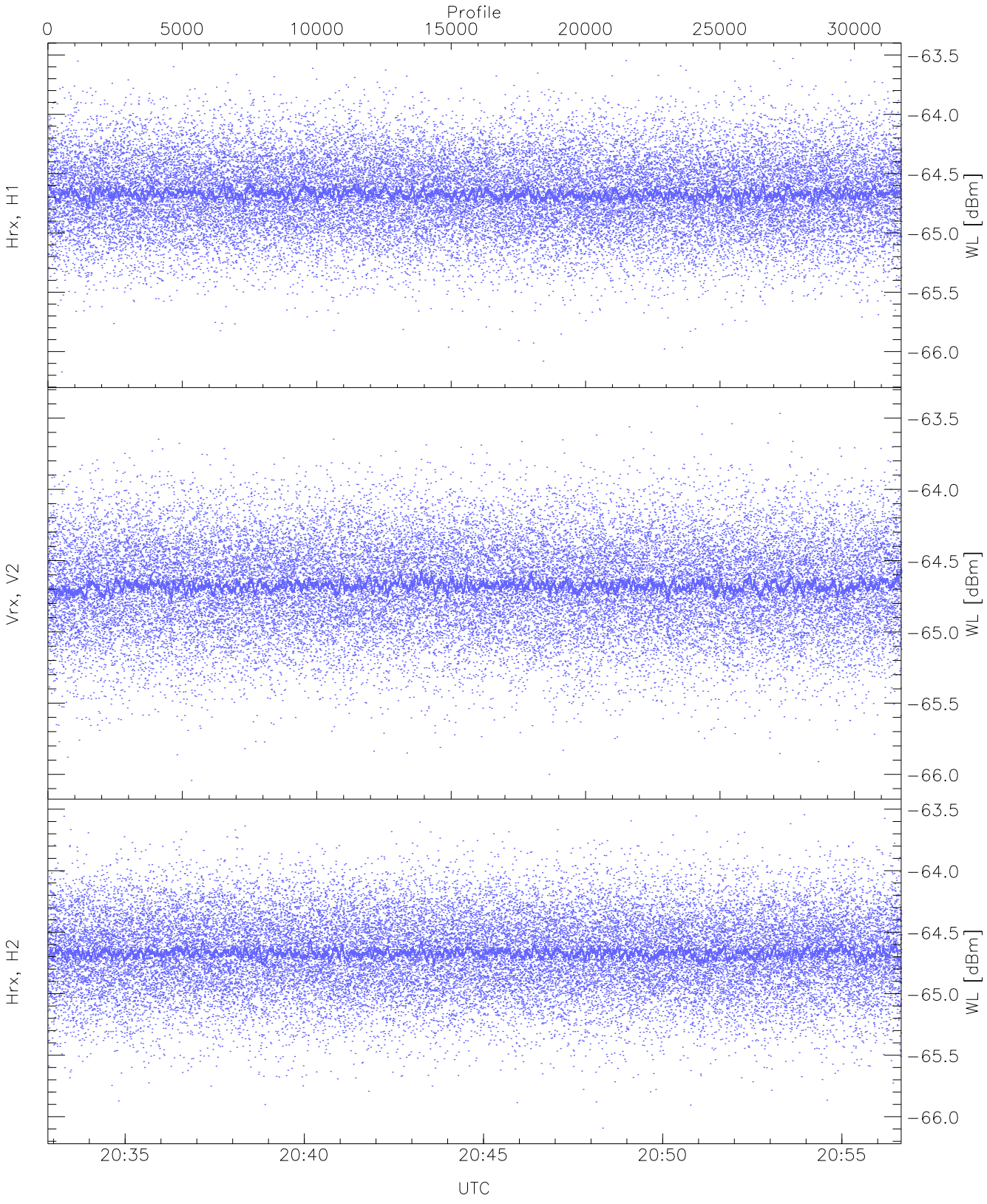
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 188 pixs, 7 gates, 181 profs, 1 prod(s)



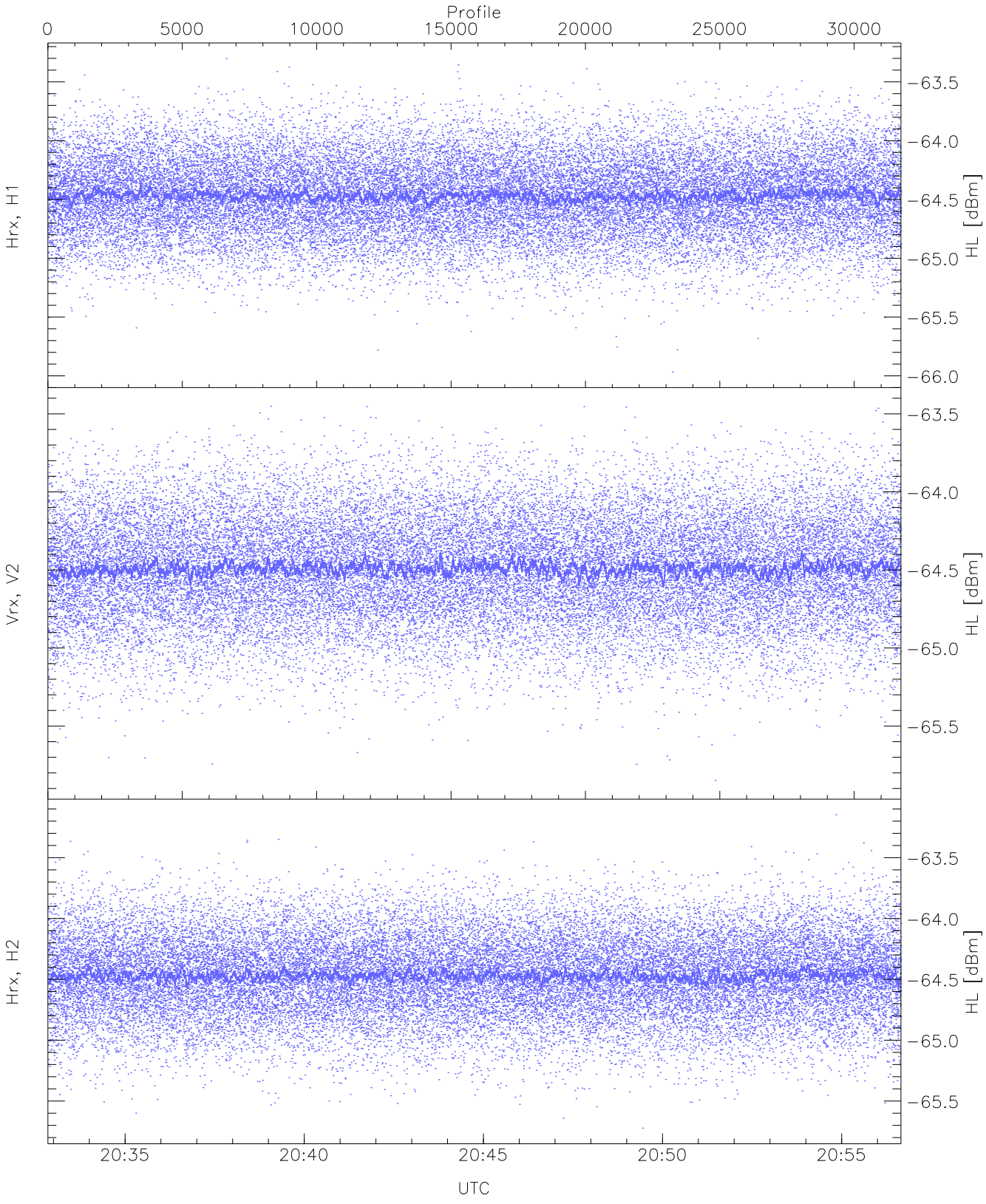
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.26	-64.70	-65.12	-65.13	-83.31
RMPHrxH1(std_dBm)	-75.89	-74.31	-75.13	-75.14	-88.74
RMPVrxV2(mean_dBm)	-64.83	-64.57	-64.71	-64.71	-86.02
RMPVrxV2(std_dBm)	-75.42	-74.06	-74.72	-74.73	-88.50
RMPHrxH2(mean_dBm)	-64.81	-64.56	-64.69	-64.69	-85.99
RMPHrxH2(std_dBm)	-75.41	-73.95	-74.70	-74.70	-88.49



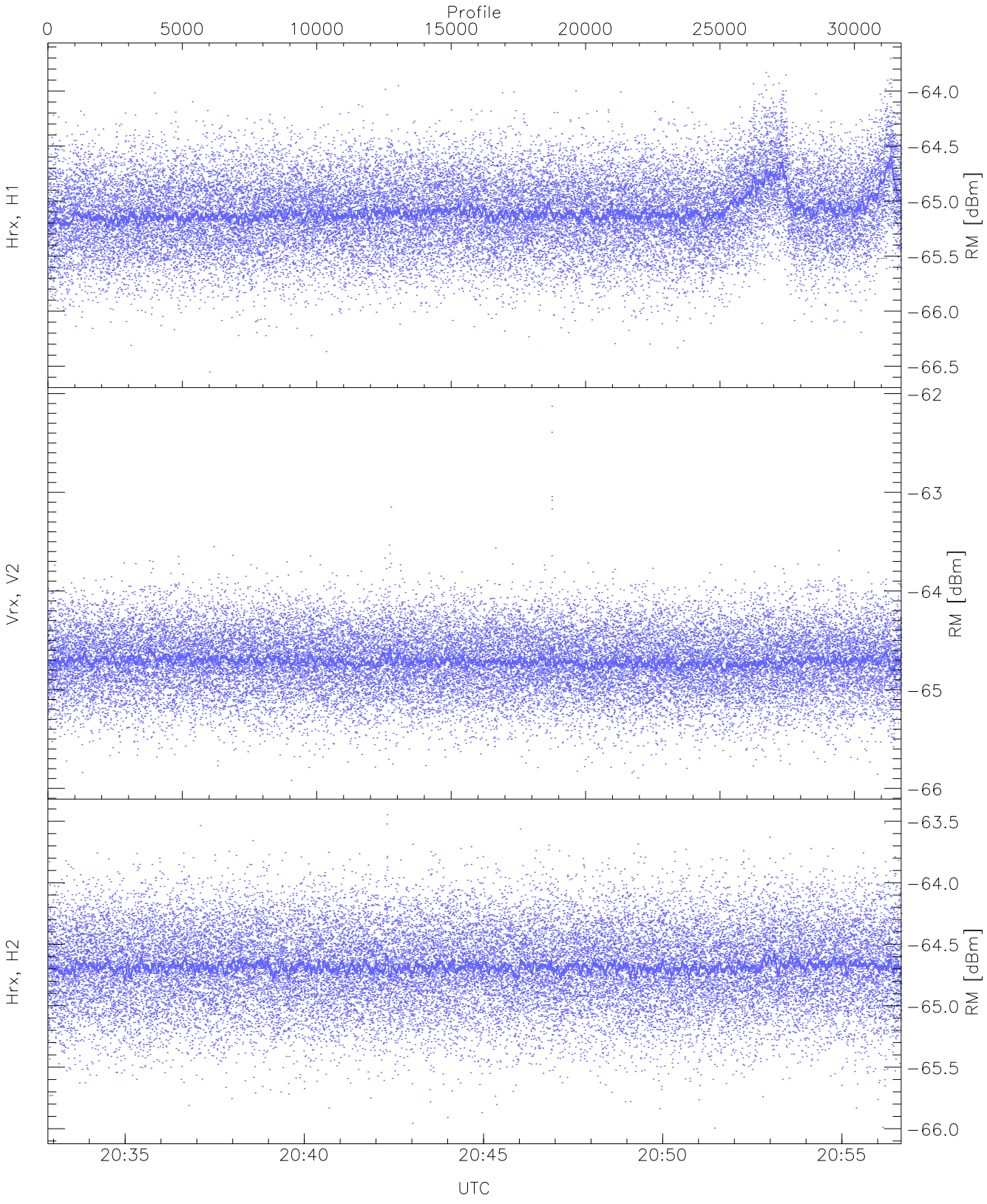
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.17	-63.53	-64.66	-64.67	-76.14
Vrx, V2(WL [dBm])	-66.04	-63.42	-64.67	-64.68	-76.15
Hrx, H2(WL [dBm])	-66.09	-63.55	-64.66	-64.67	-76.16



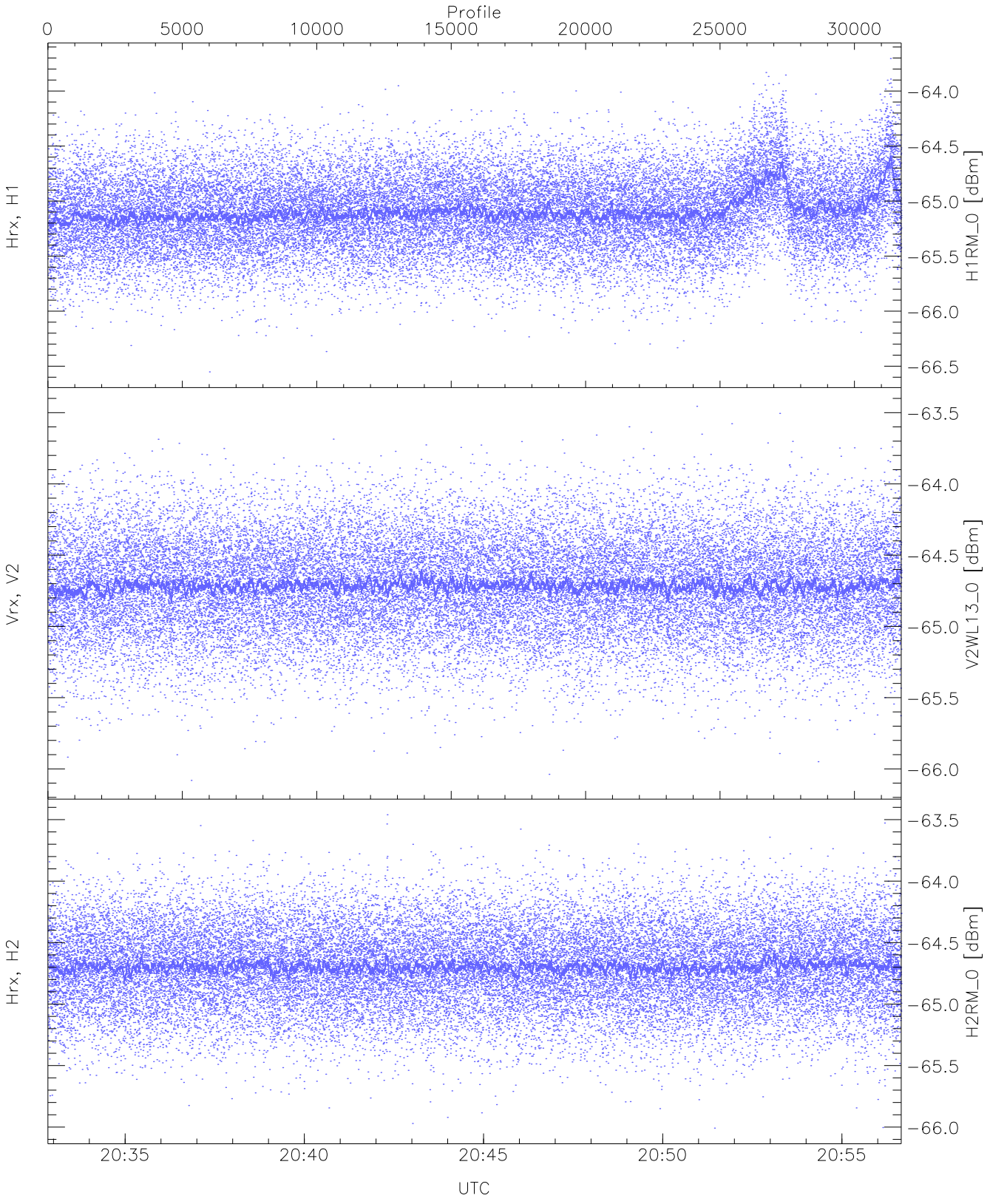
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.97	-63.30	-64.46	-64.47	-75.98
Vrx, V2(HL [dBm])	-65.85	-63.45	-64.48	-64.49	-76.01
Hrx, H2(HL [dBm])	-65.72	-63.15	-64.46	-64.47	-75.96



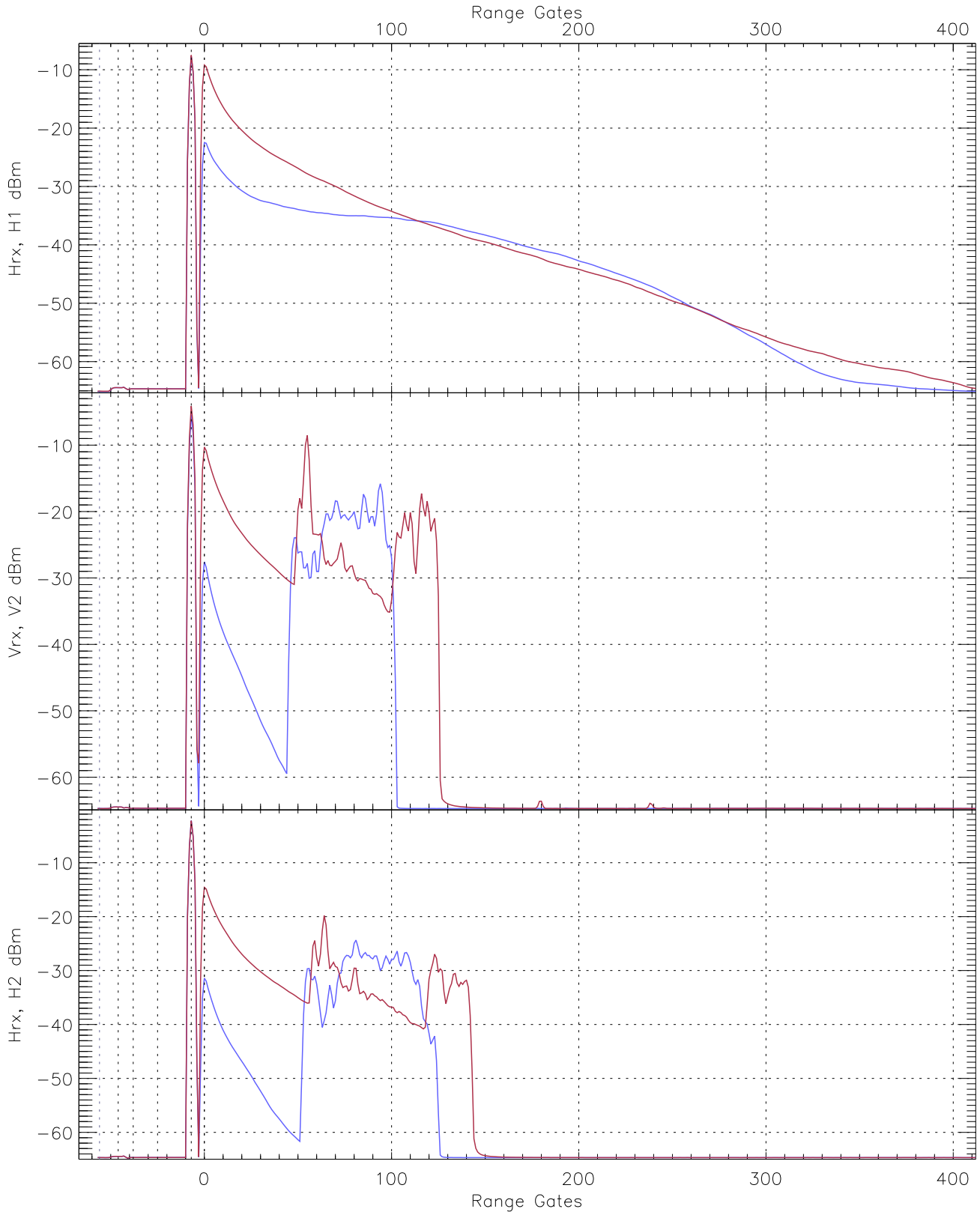
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.55	-63.71	-65.08	-65.10	-76.34
Vrx, V2(RM [dBm])	-65.92	-62.13	-64.70	-64.71	-76.18
Hrx, H2(RM [dBm])	-66.00	-63.45	-64.68	-64.68	-76.17

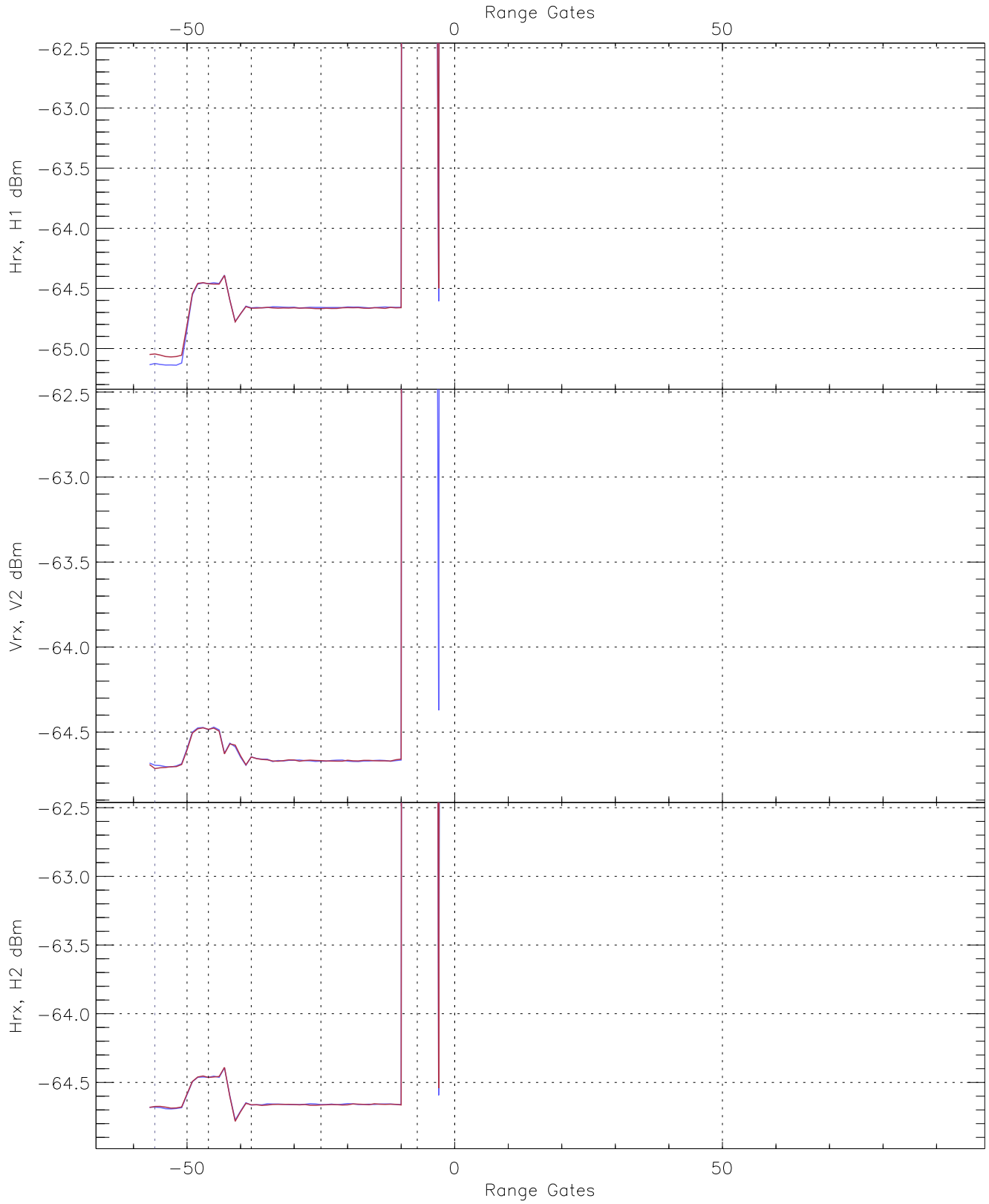


WCR3 CPP "Best" estimate Receivers Noise Power

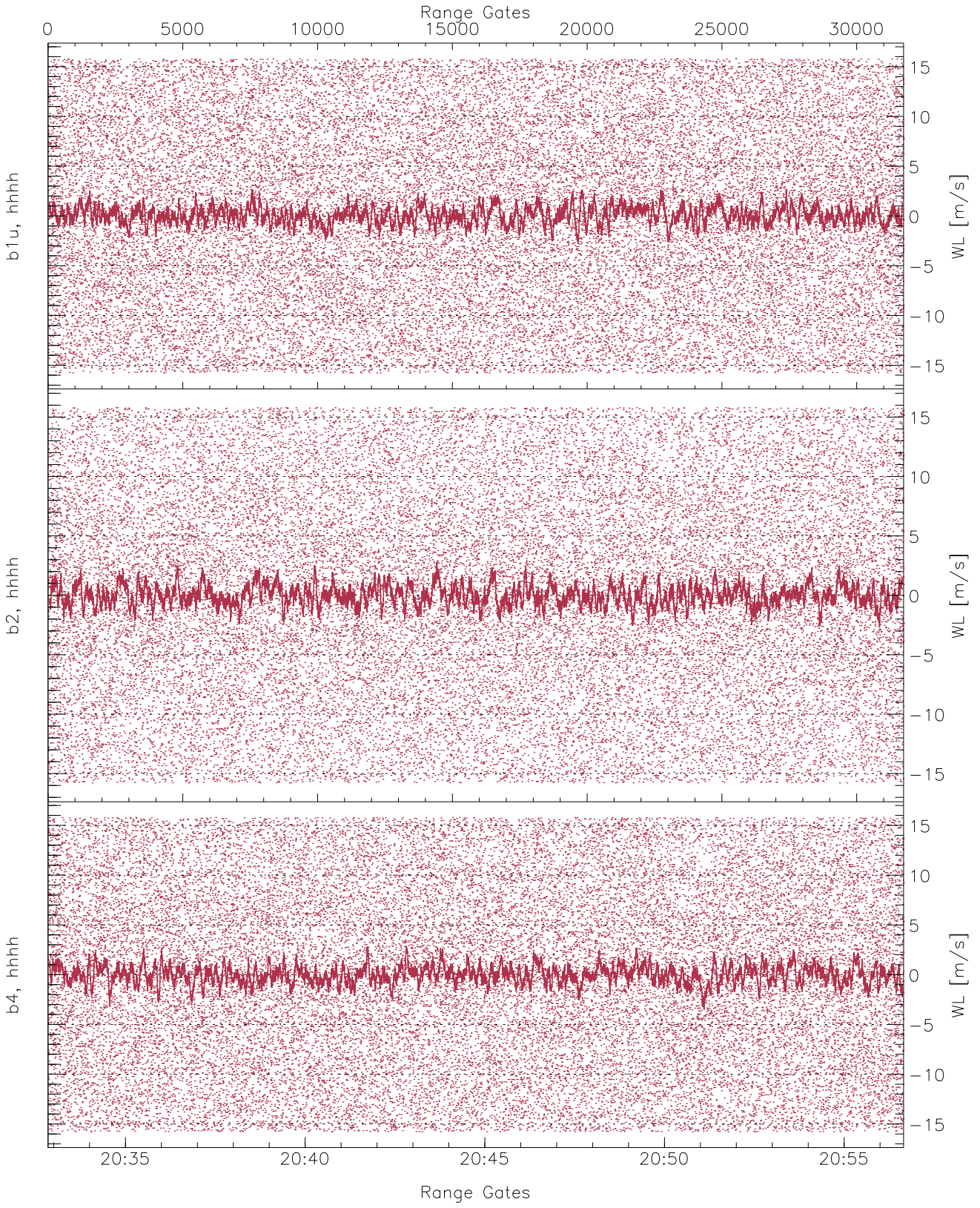
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.55	-63.71	-65.08	-65.10	-76.34
V2WL13_0 [dBm]	-66.08	-63.46	-64.71	-64.72	-76.18
H2RM_0 [dBm]	-66.01	-63.46	-64.69	-64.70	-76.19



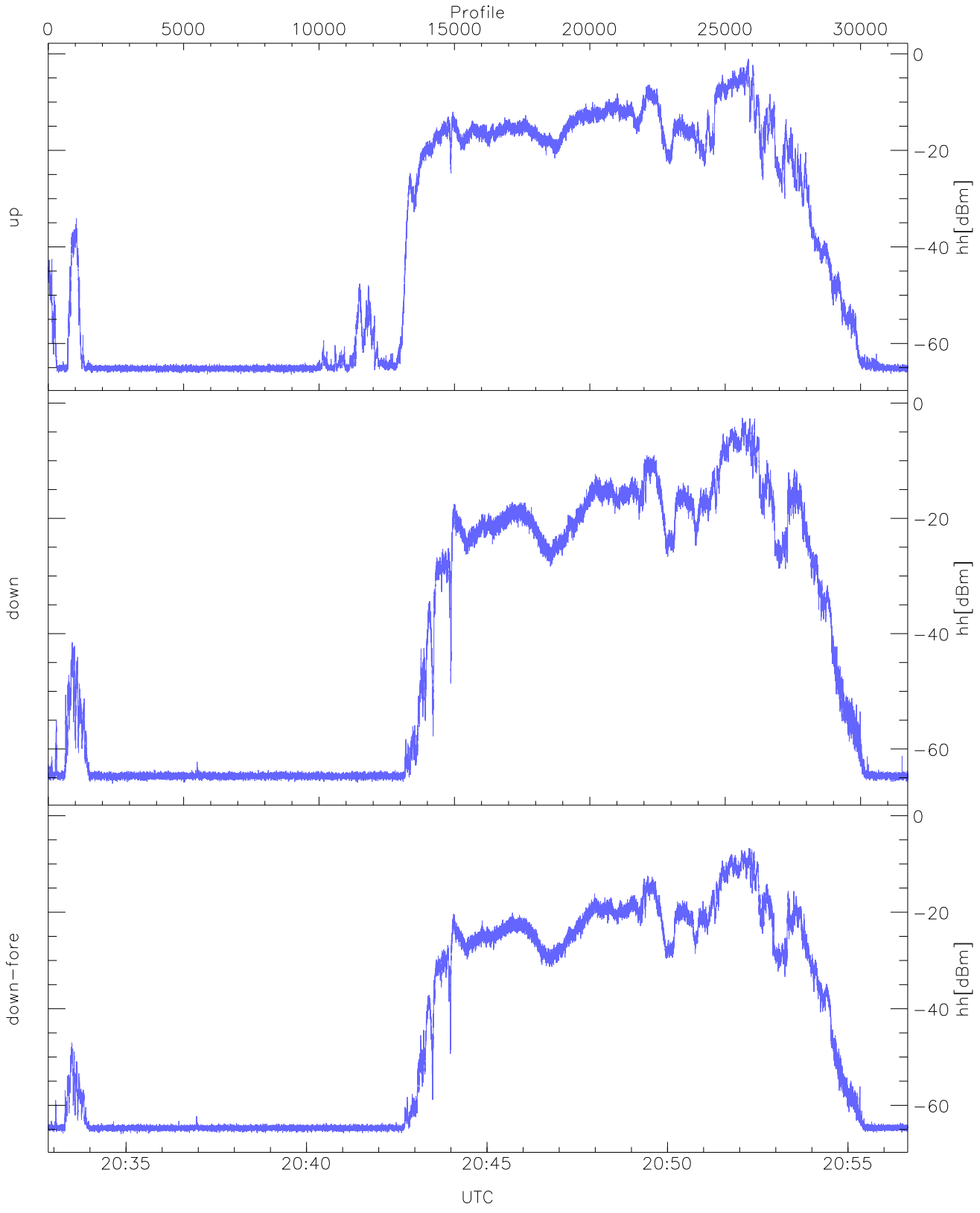
WCR3 CPP Averaged Received power for all recorded gates
blue: 203251-204445, 15871 profiles averaged
red: 204445-205639, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 203251-204445, 15871 profiles averaged
red: 204445-205639, 15871 profiles averaged

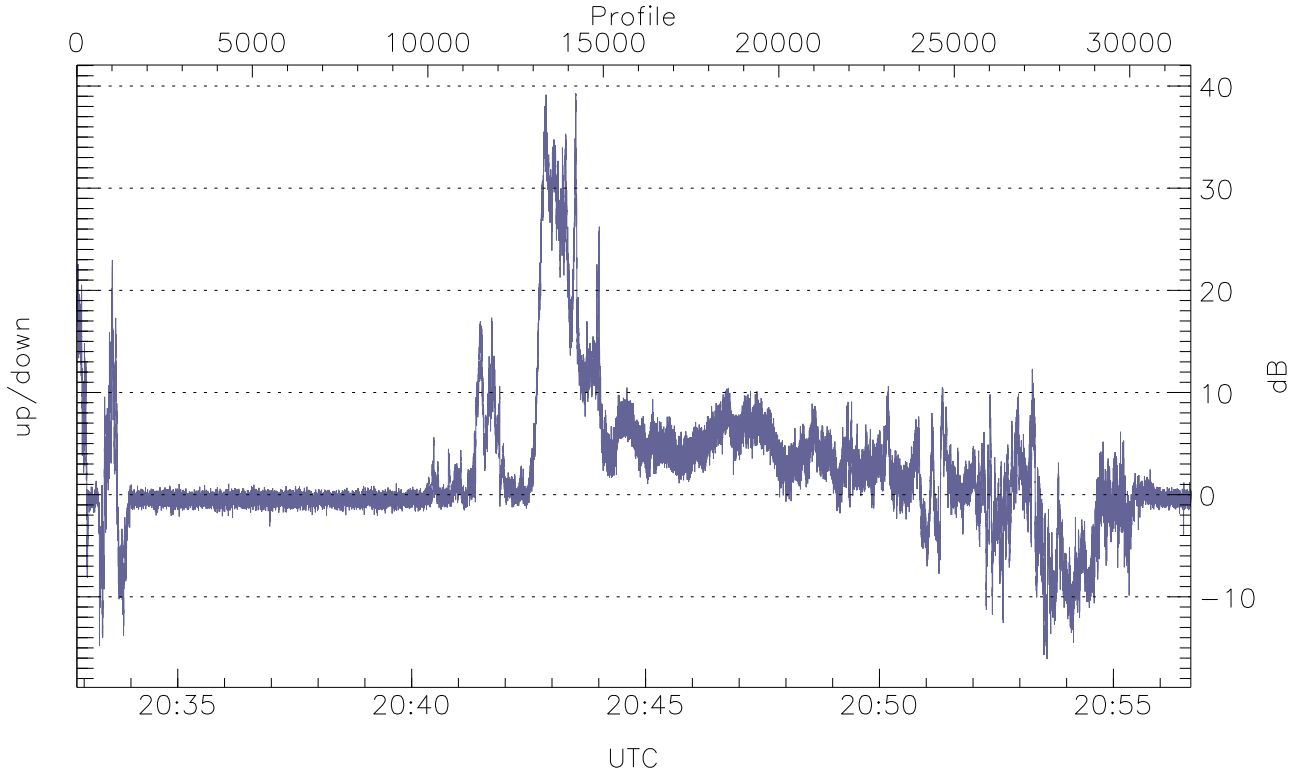


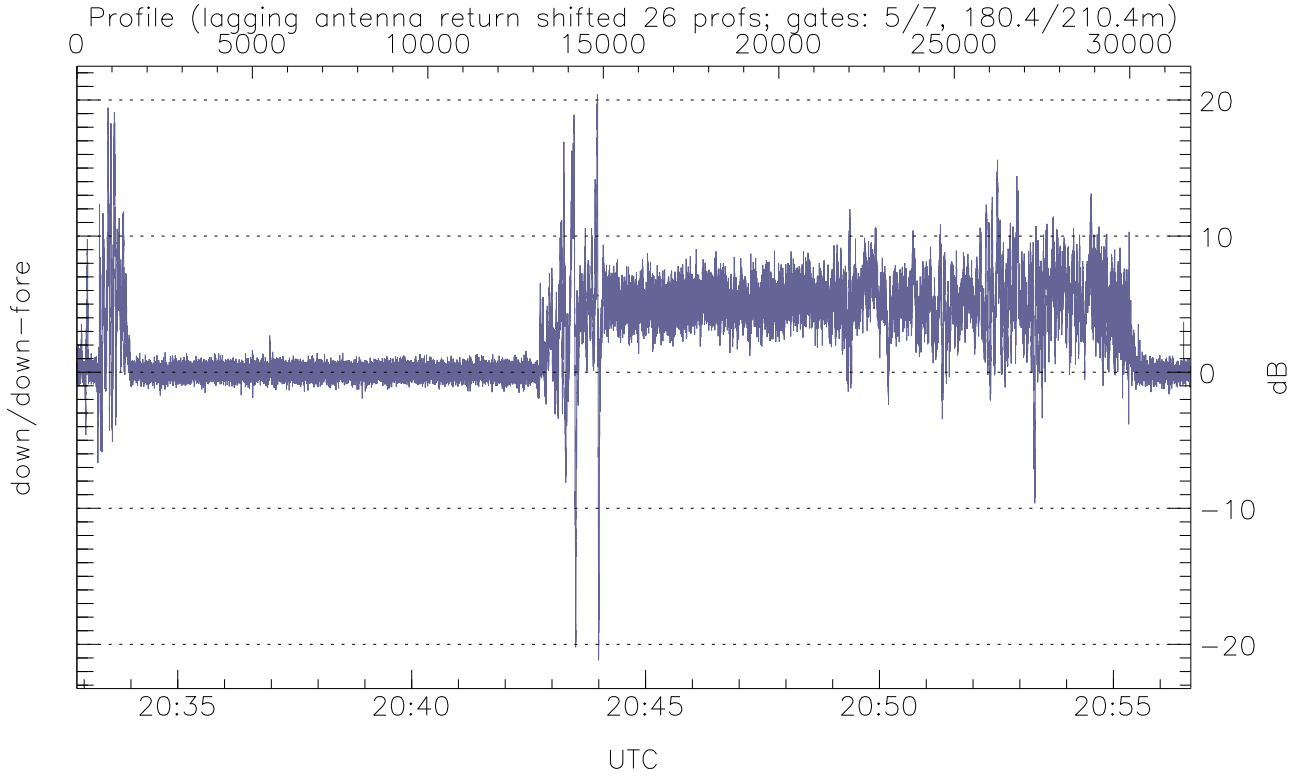
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

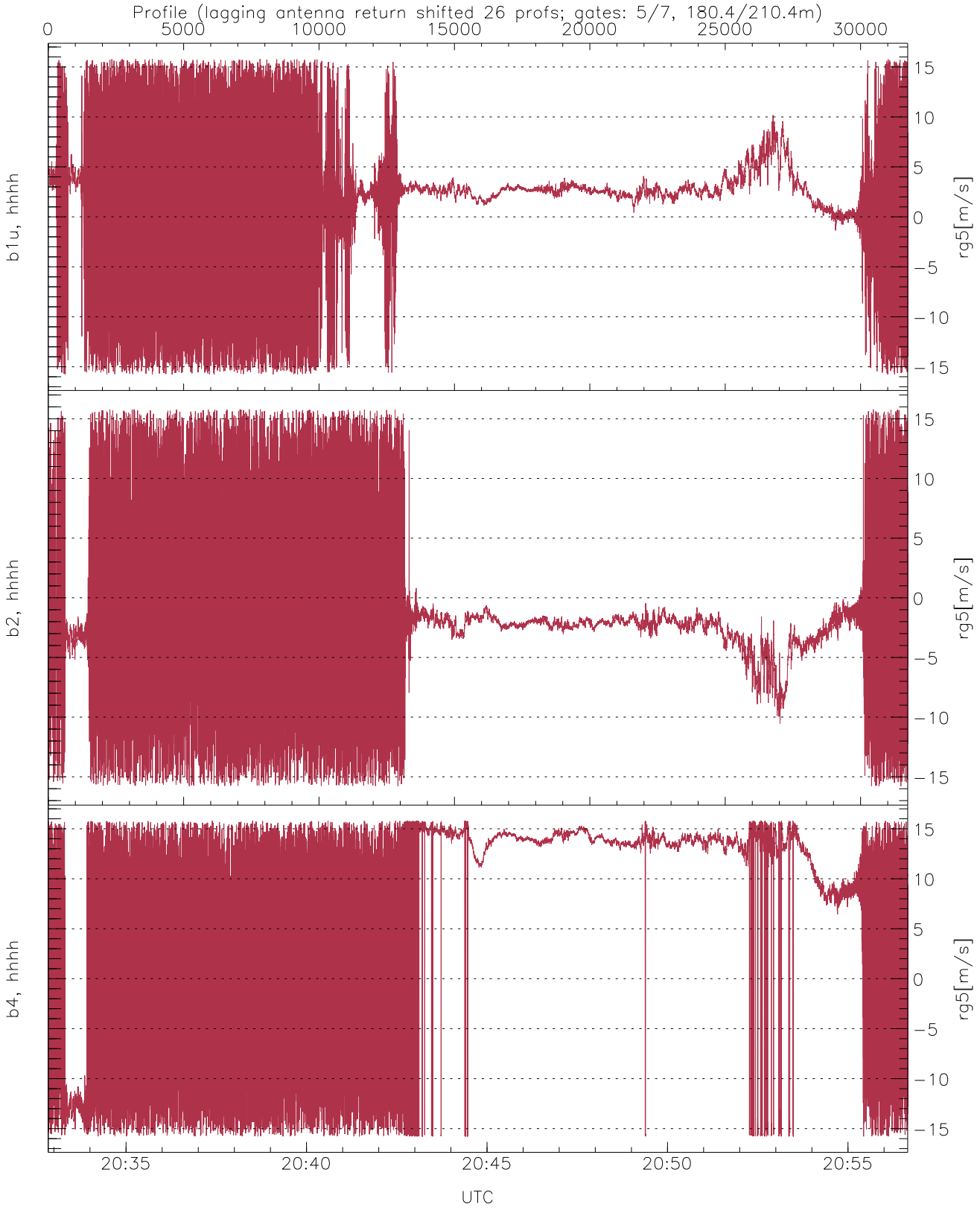
	Min	Max	Mean
up(hh[dBm])	-66.47	-1.08	-15.94
down(hh[dBm])	-66.02	-2.58	-17.77
down-fore(hh[dBm])	-65.98	-6.78	-21.60





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

	Min	Max	Mean
up/down(dB)	-16.09	39.29	2.38
down/down-fore(dB)	-21.17	20.41	2.82



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.78	5.45
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.55	5.64
b4, hhhh(rg5[m/s])	-15.79	15.79	6.25	9.94