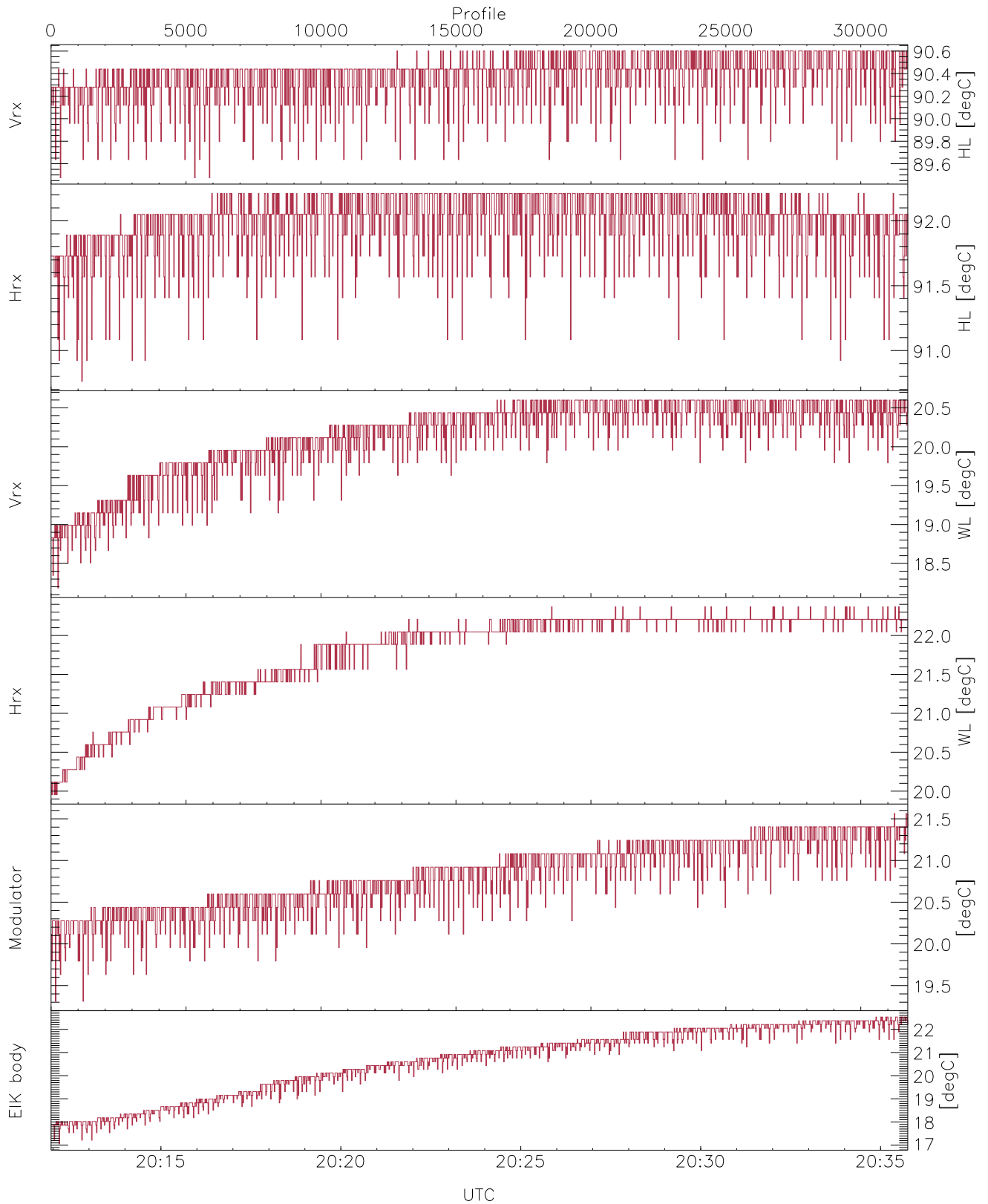


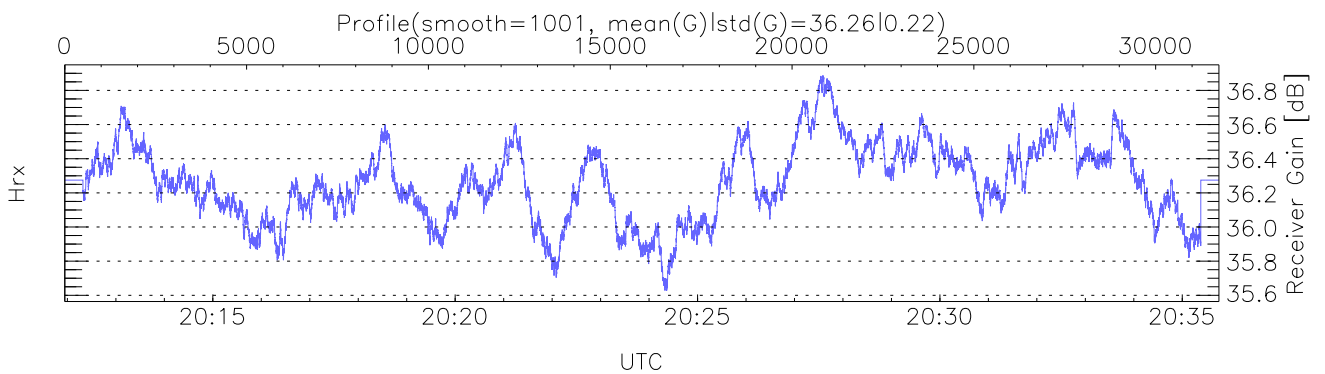
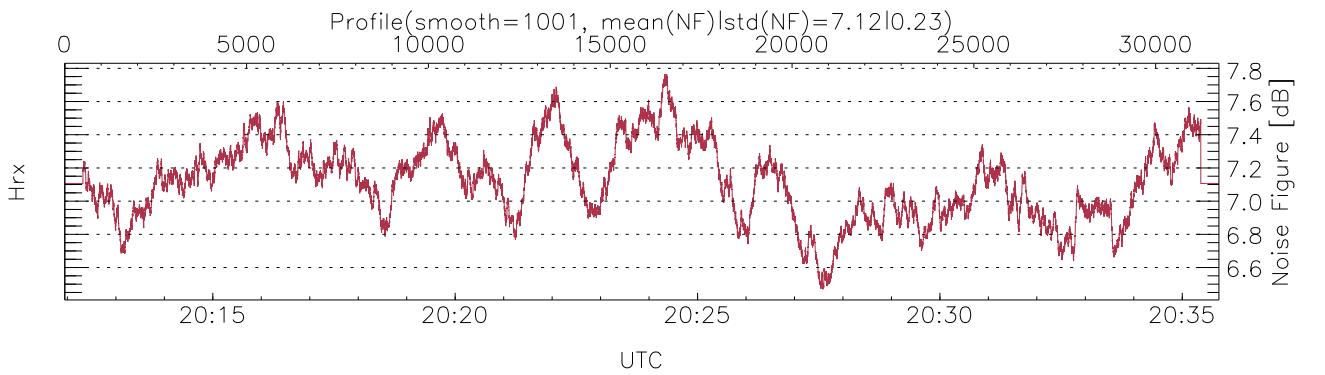
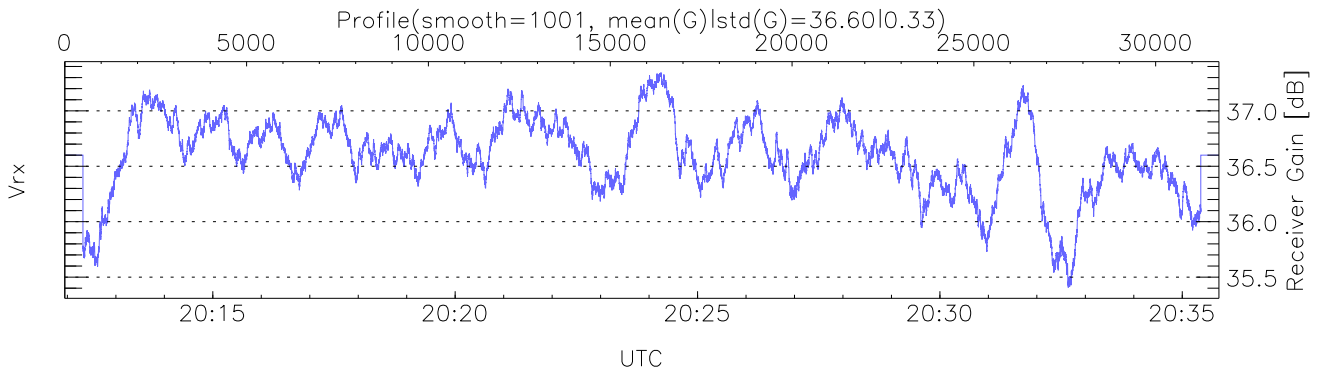
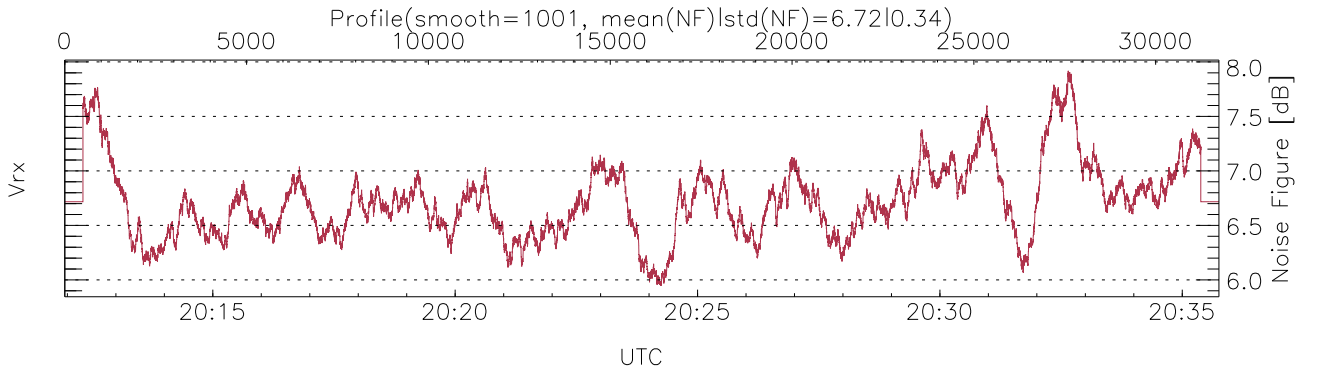
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:11:57-20:35:45, 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, 0-31740/20:11:57-20:35:45
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



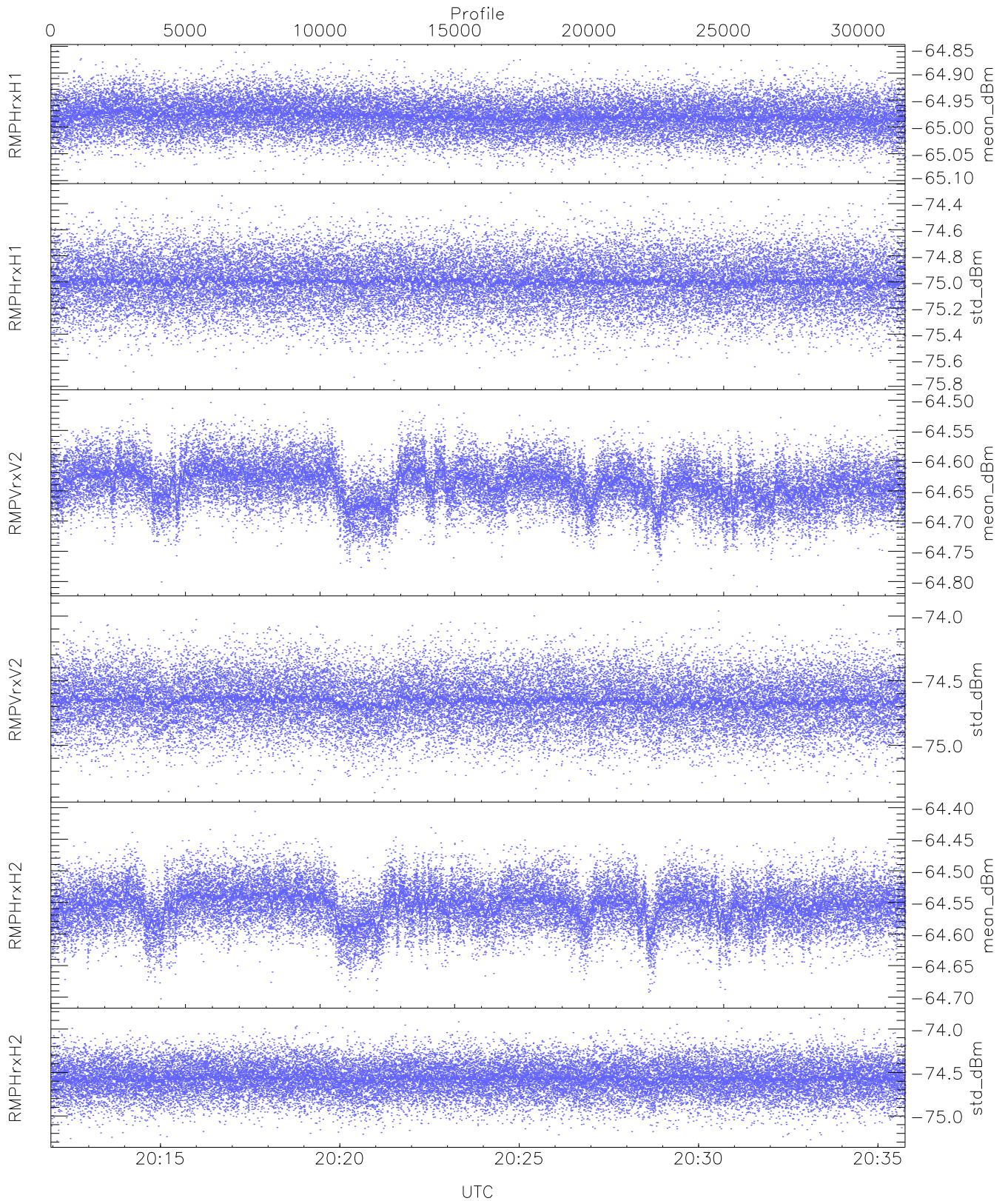
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,18,19,19,17
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,20,22,21,22
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



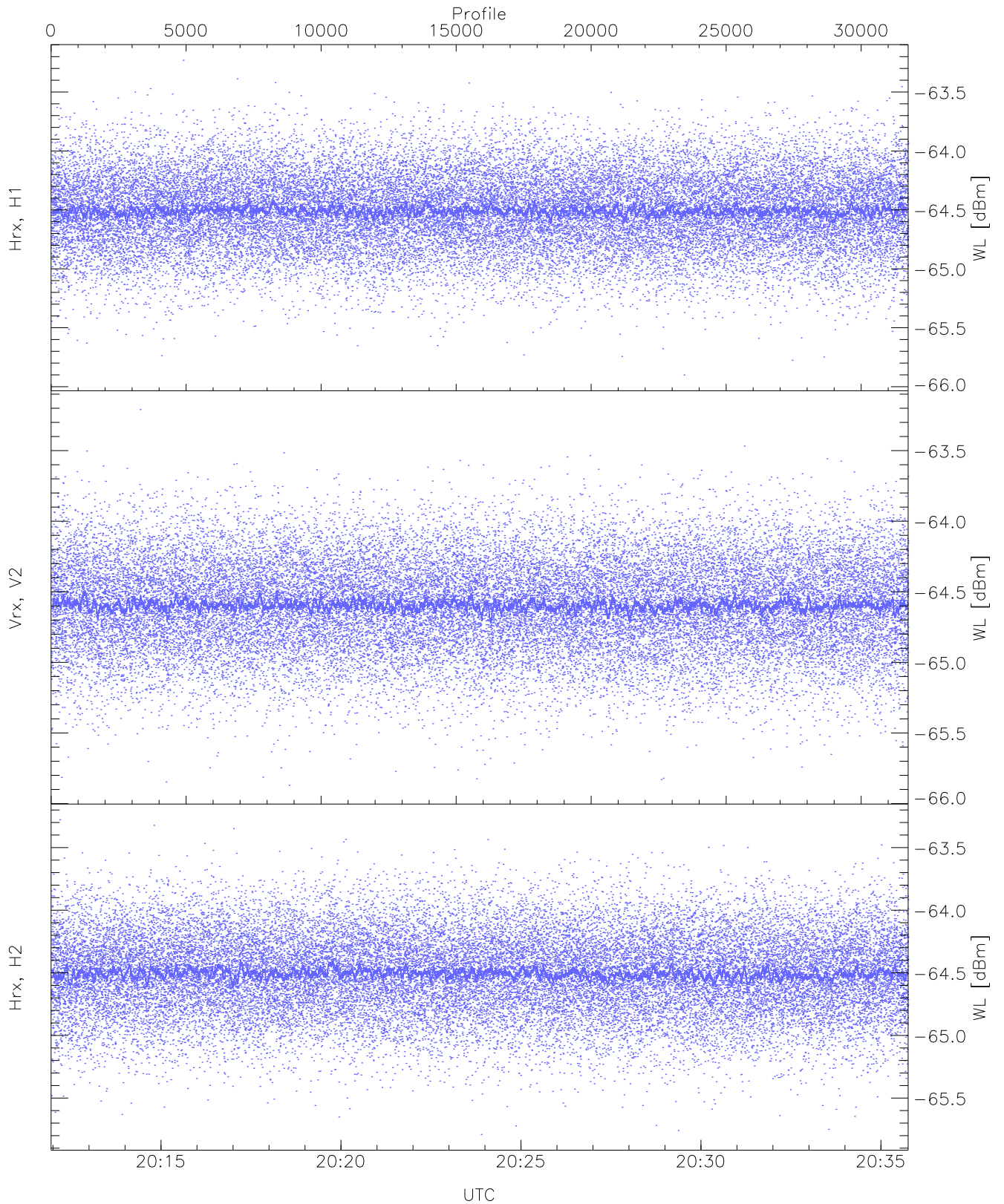
WCR3 CPP Receivers Gain and Noise Figure

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



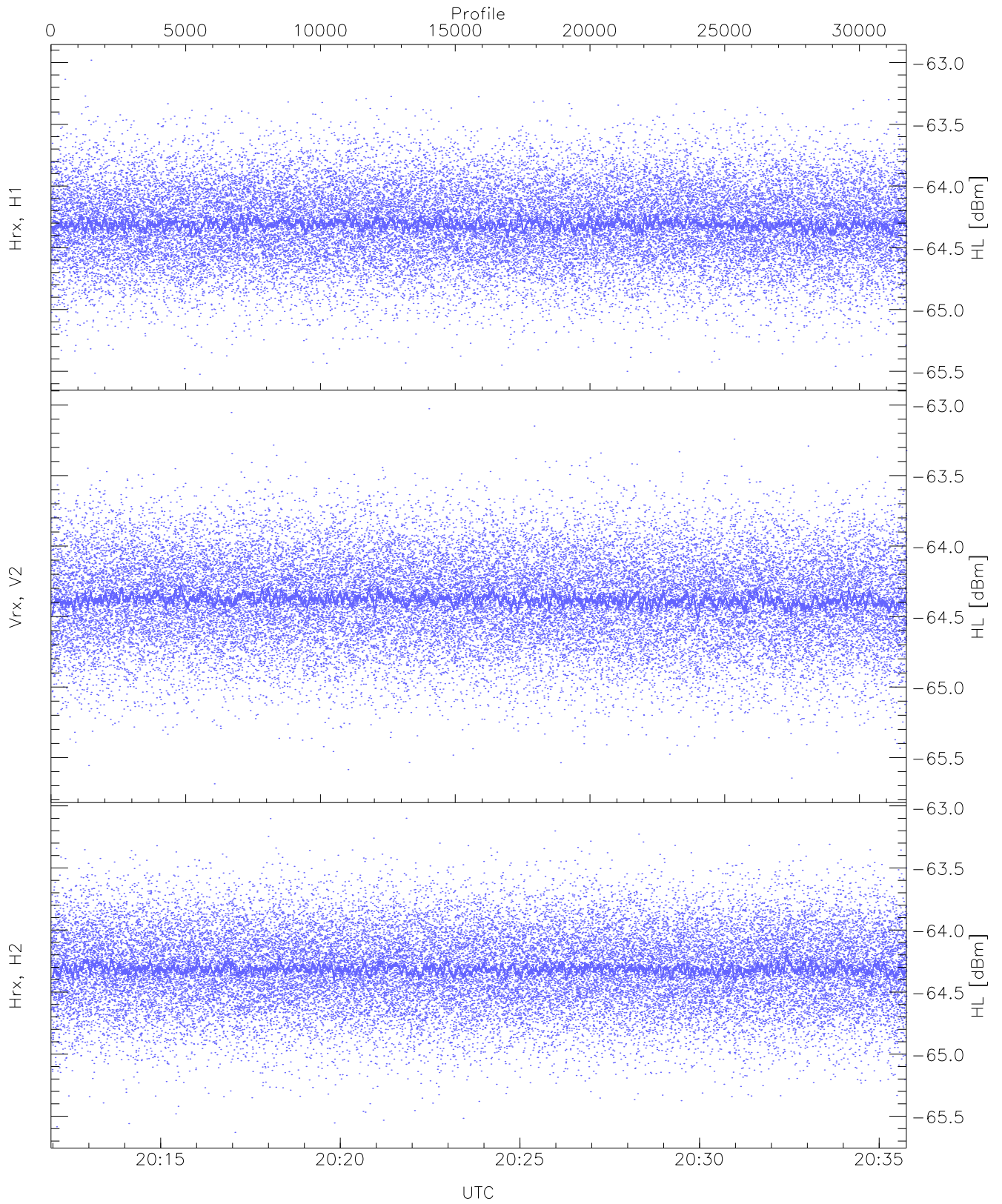
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.09	-64.86	-64.98	-64.98	-86.56
RMPHrxH1(std_dBm)	-75.75	-74.32	-75.00	-75.00	-88.79
RMPVrxV2(mean_dBm)	-64.81	-64.50	-64.64	-64.64	-85.43
RMPVrxV2(std_dBm)	-75.37	-73.92	-74.66	-74.66	-88.38
RMPHrxH2(mean_dBm)	-64.70	-64.41	-64.55	-64.55	-85.66
RMPHrxH2(std_dBm)	-75.29	-73.83	-74.57	-74.57	-88.35



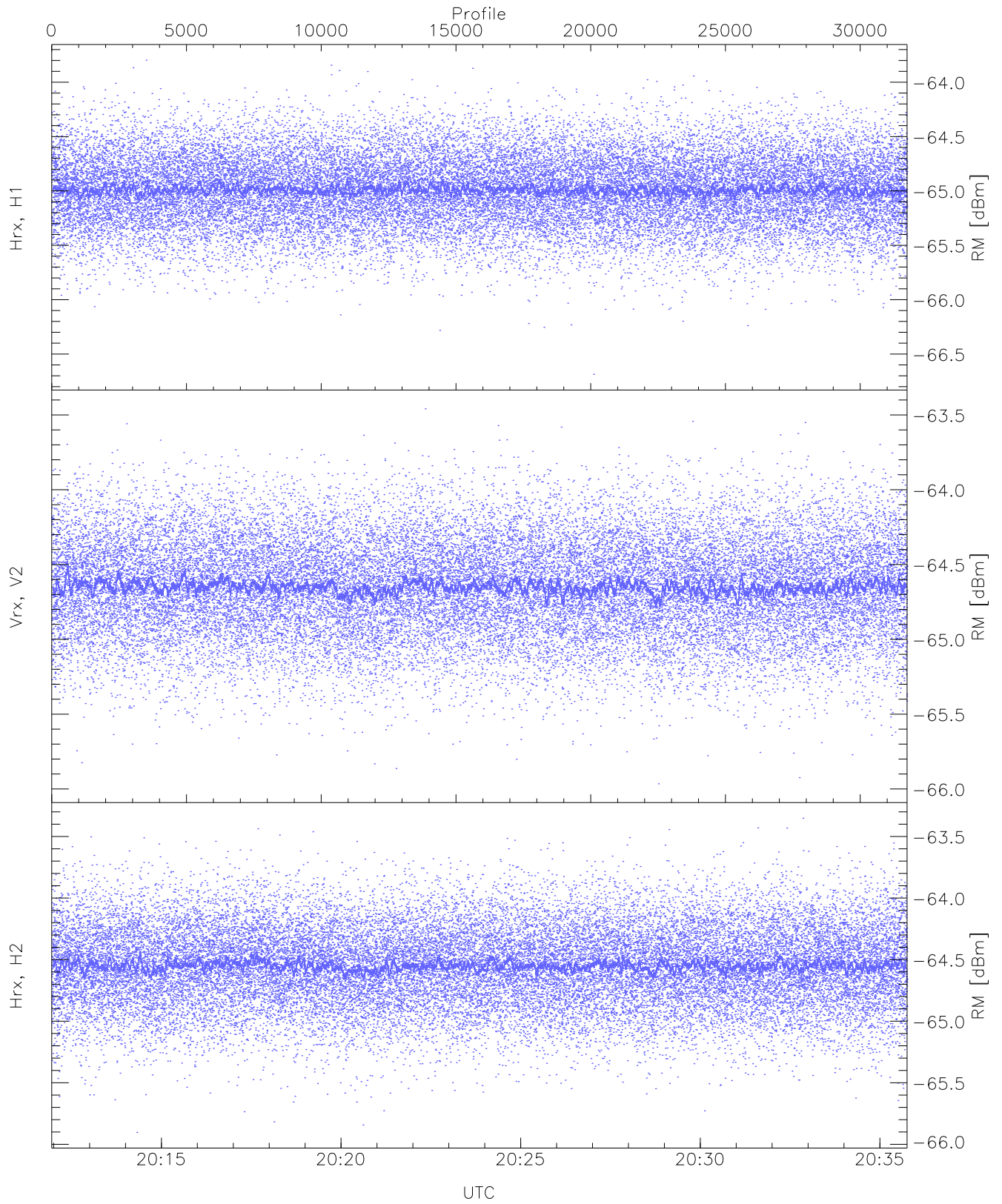
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.90	-63.23	-64.50	-64.51	-76.02
Vrx, V2 (WL [dBm])	-65.87	-63.21	-64.59	-64.60	-76.06
Hrx, H2 (WL [dBm])	-65.79	-63.28	-64.50	-64.51	-76.00



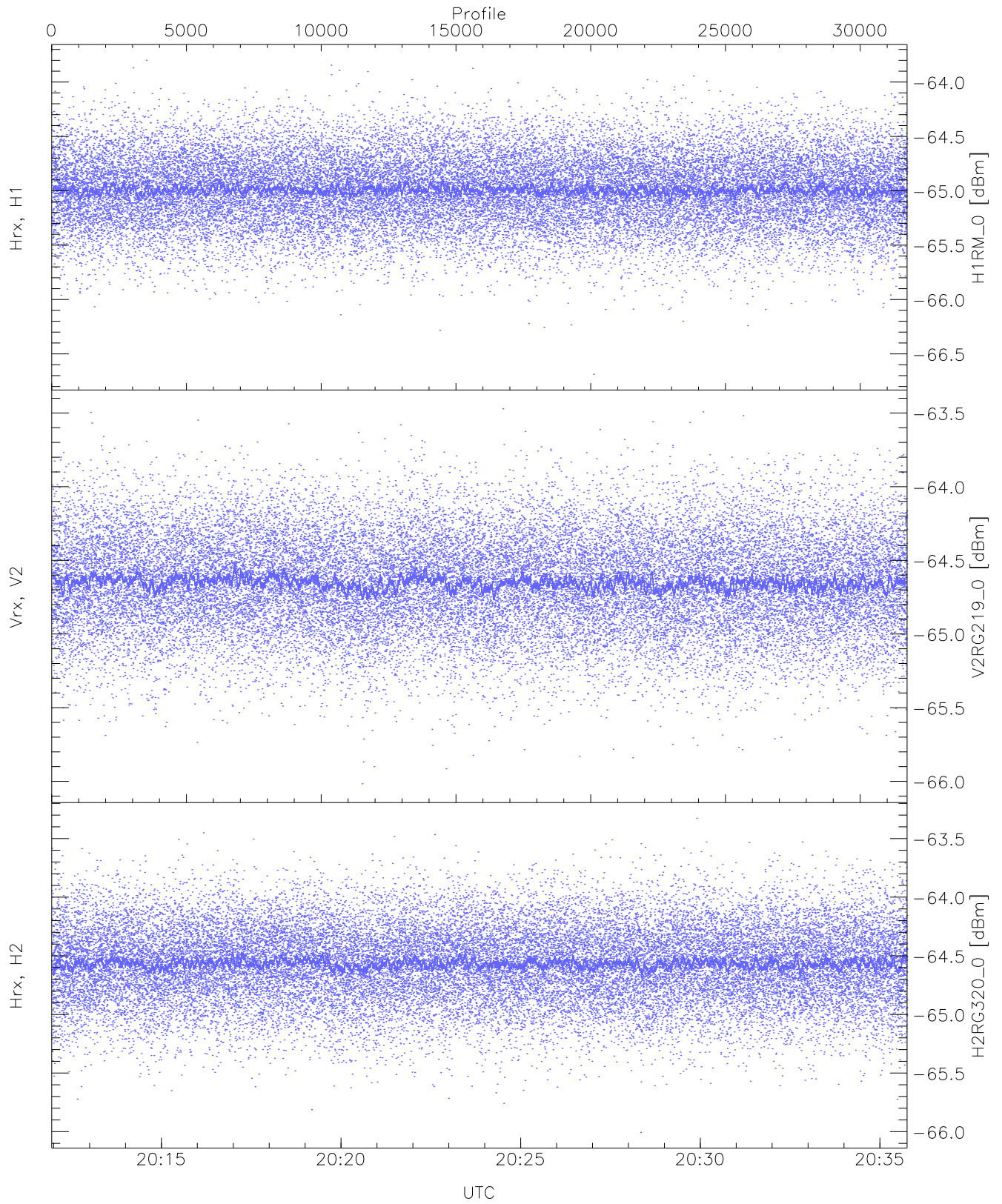
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.52	-62.98	-64.30	-64.31	-75.81
Vrx, V2 (HL [dBm])	-65.69	-63.03	-64.37	-64.38	-75.89
Hrx, H2 (HL [dBm])	-65.63	-63.10	-64.31	-64.31	-75.78



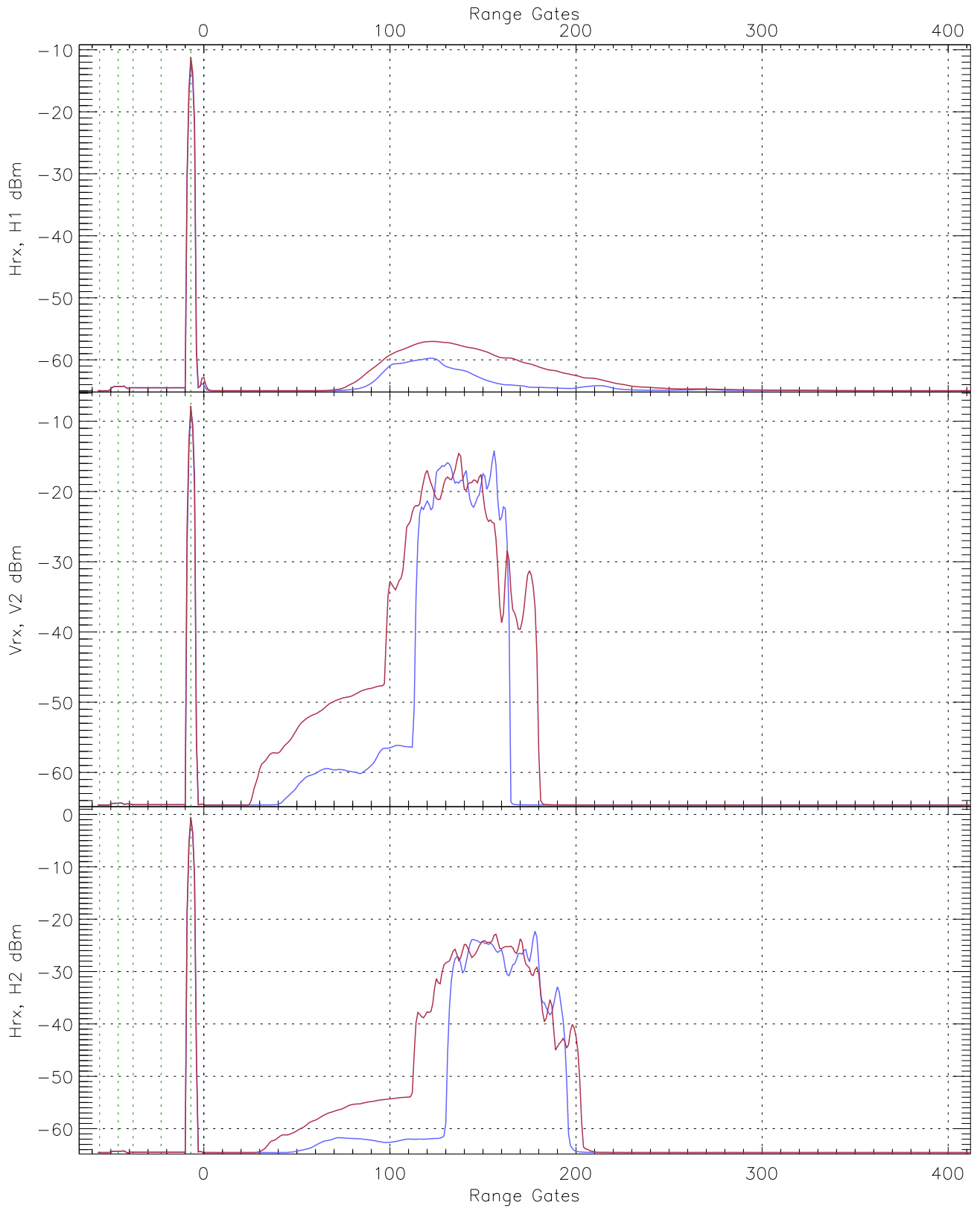
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-63.80	-64.98	-64.99	-76.47
Vrx, V2 (RM [dBm])	-65.97	-63.46	-64.64	-64.65	-76.16
Hrx, H2 (RM [dBm])	-65.90	-63.35	-64.54	-64.55	-76.04

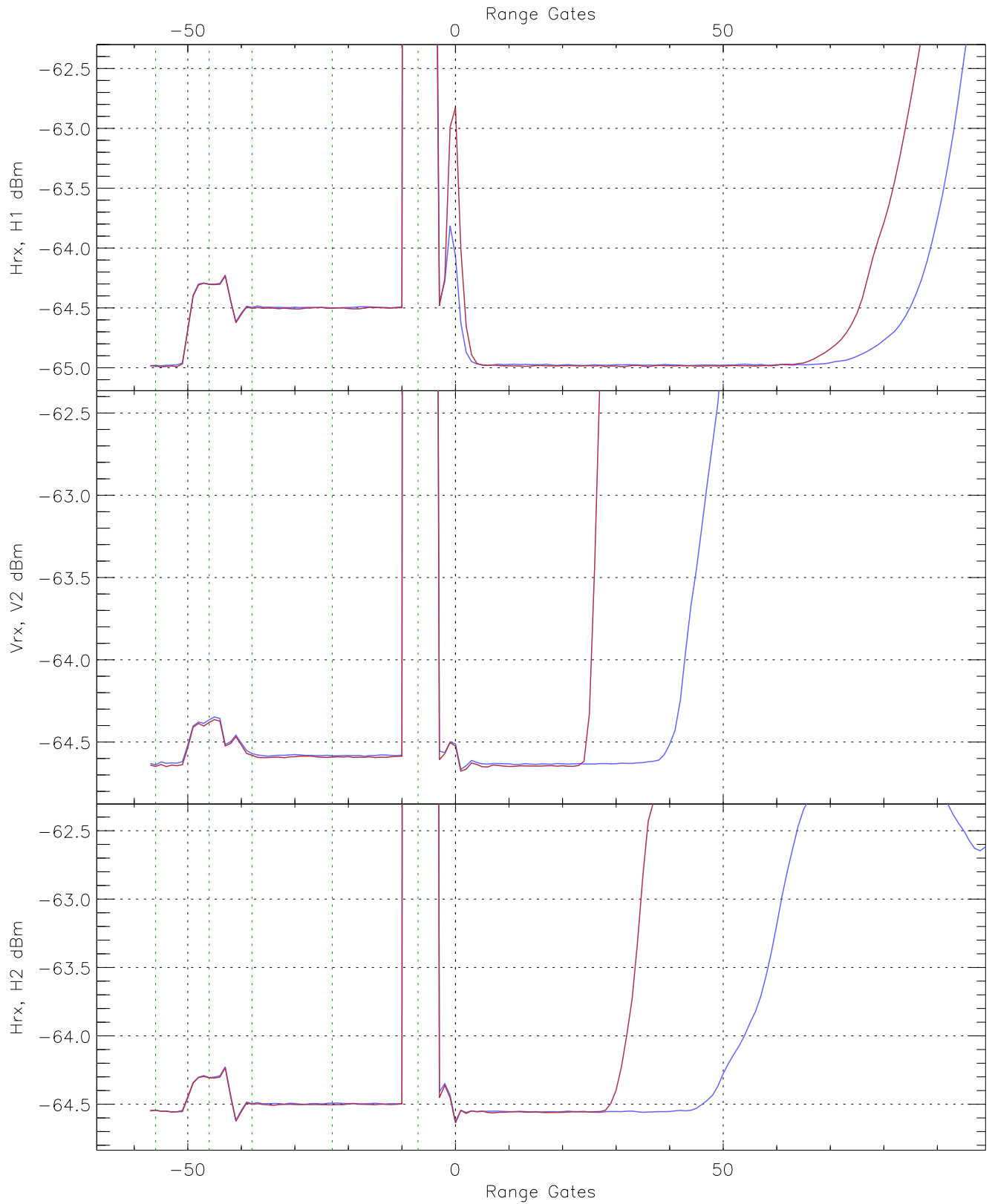


WCR3 CPP "Best" estimate Receivers Noise Power

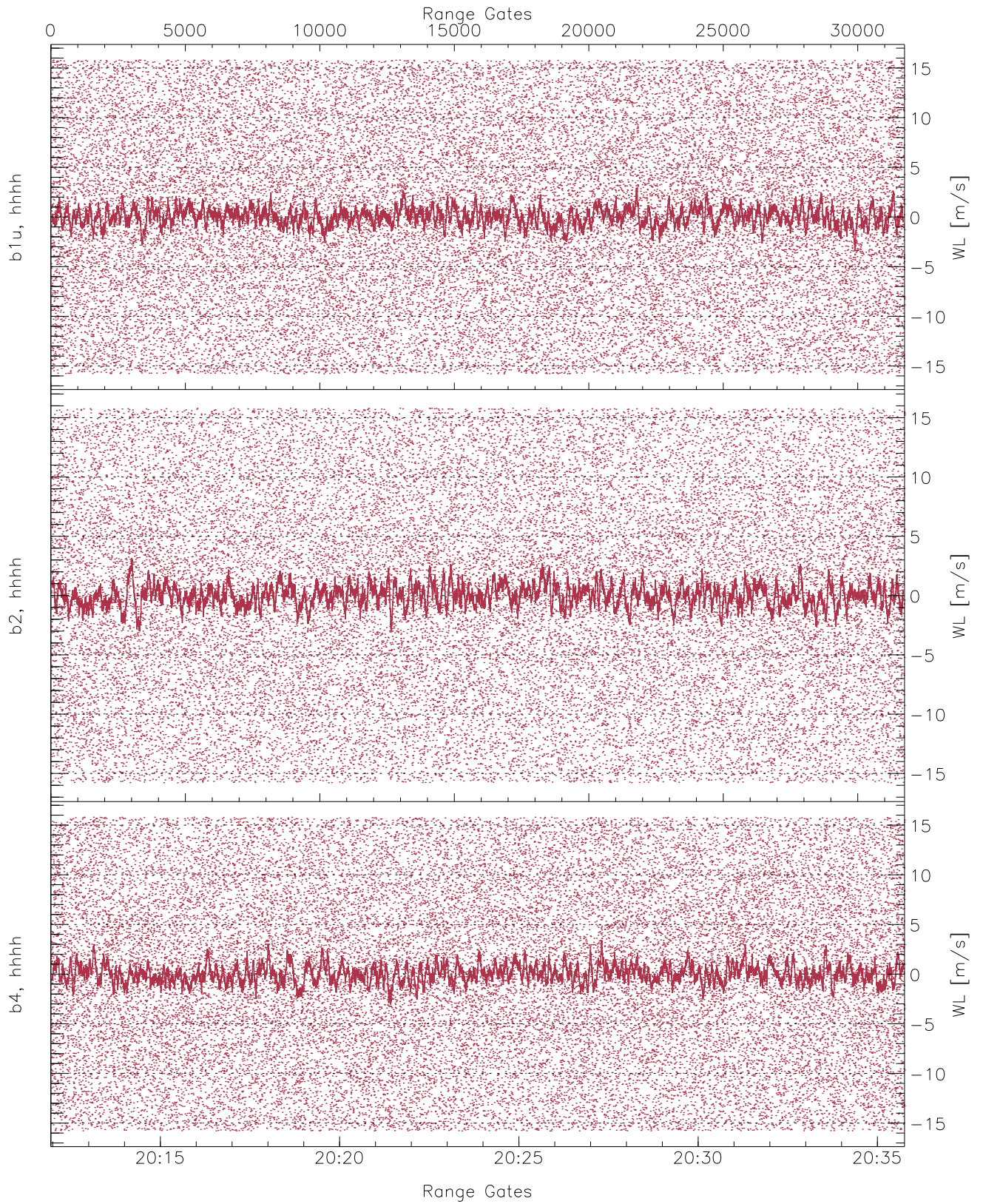
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.69	-63.80	-64.98	-64.99	-76.47
V2RG219_0 [dBm]	-66.02	-63.47	-64.65	-64.65	-76.13
H2RG320_0 [dBm]	-66.01	-63.33	-64.56	-64.56	-76.03



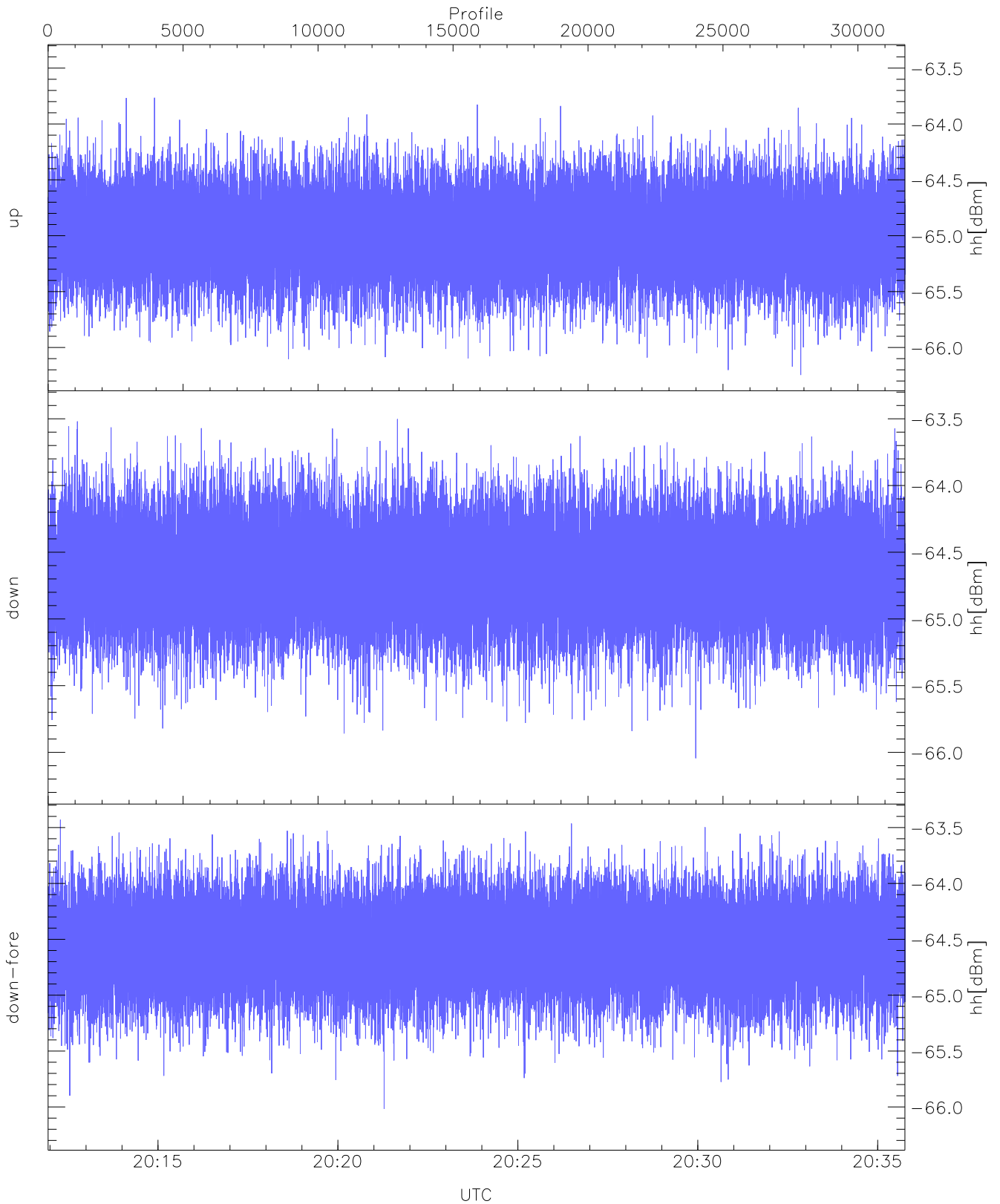
WCR3 CPP Averaged Received power for all recorded gates
blue: 201157-202351, 15871 profiles averaged
red: 202351-203545, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 201157-202351, 15871 profiles averaged
red: 202351-203545, 15871 profiles averaged

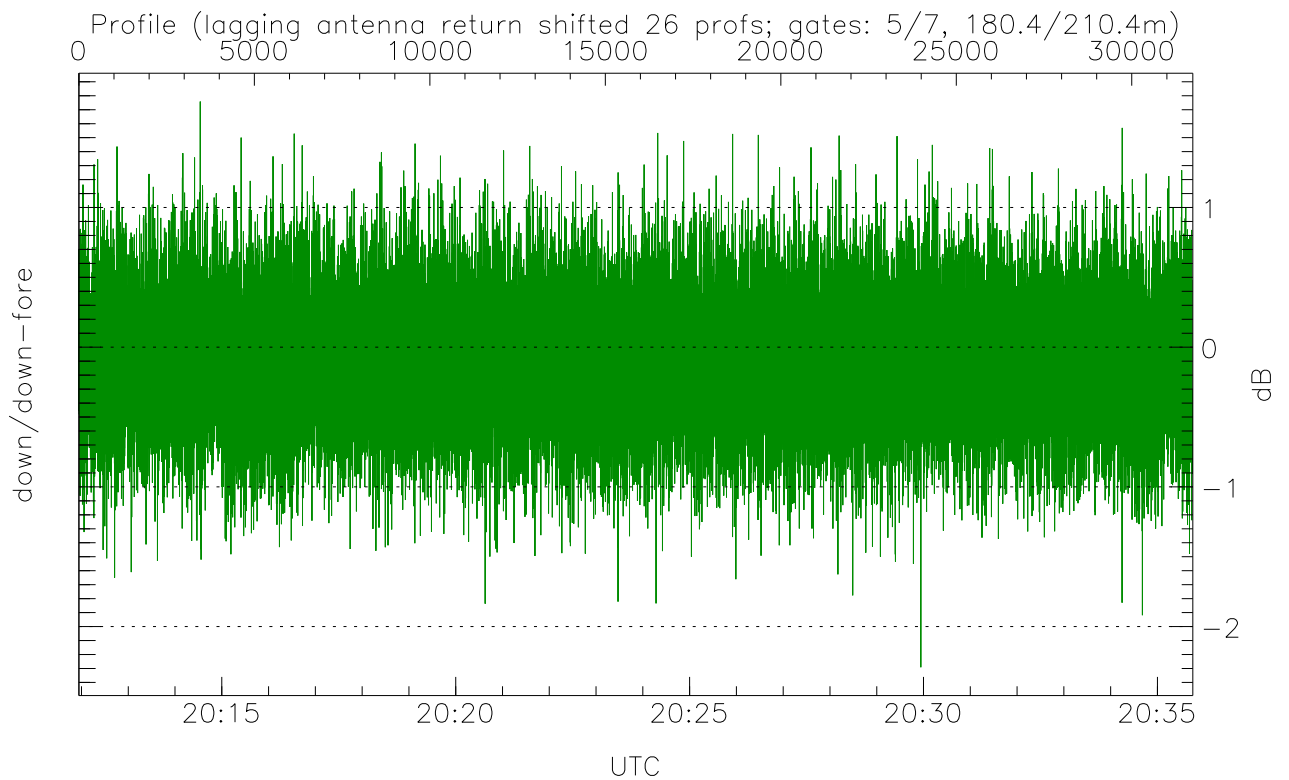
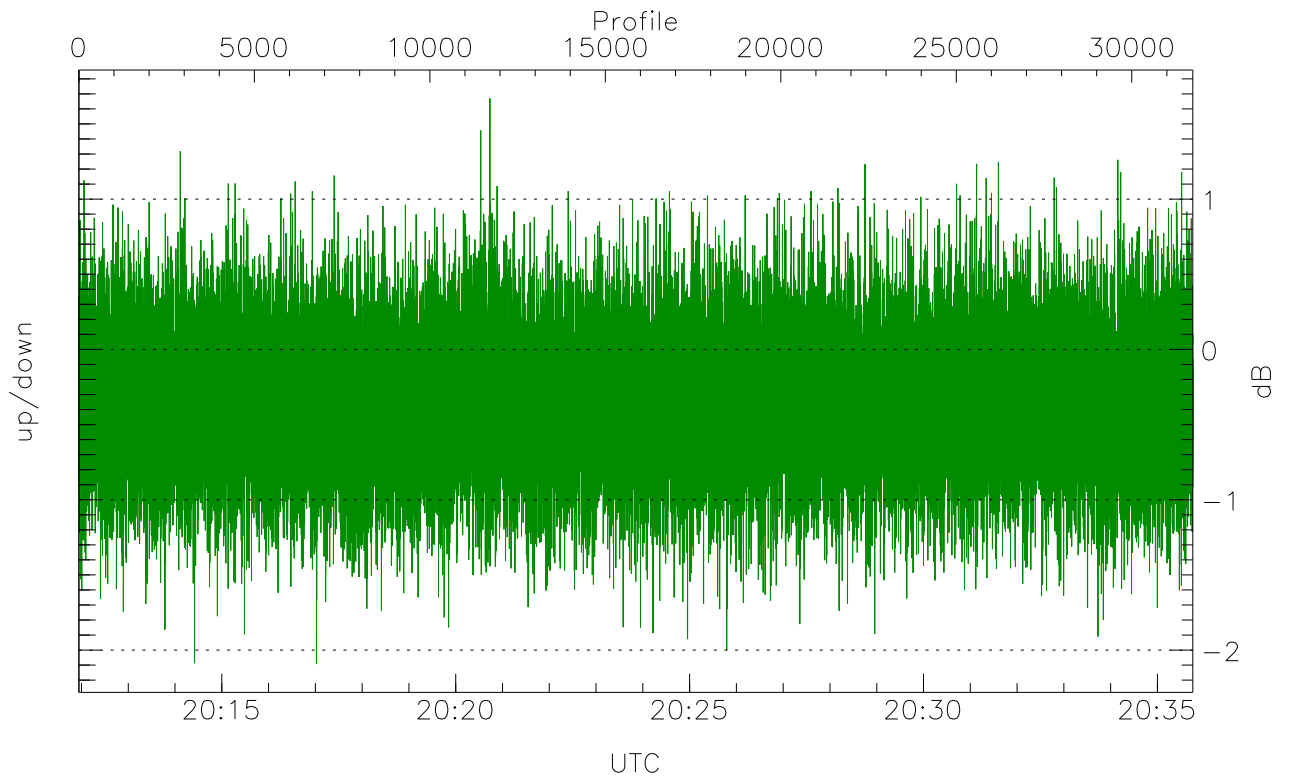


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



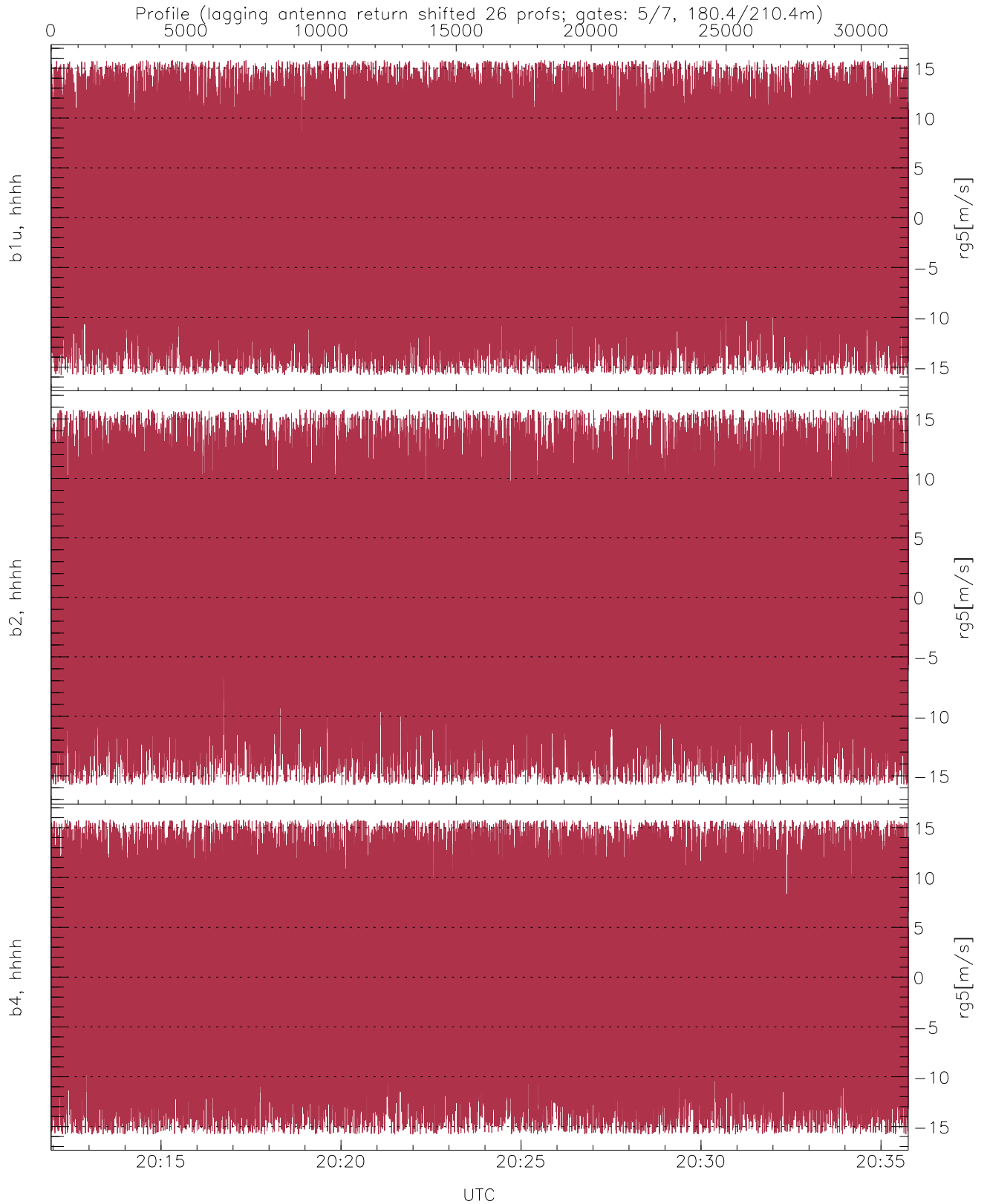
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.25	-63.77	-64.98
down(hh[dBm])	-66.04	-63.50	-64.64
down-fore(hh[dBm])	-66.02	-63.43	-64.55



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

	Min	Max	Mean
up/down (dB)	-2.09	1.67	-0.34
down/down-fore (dB)	-2.29	1.76	-0.08



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	-0.05	8.74
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.00	8.42
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.03	8.77