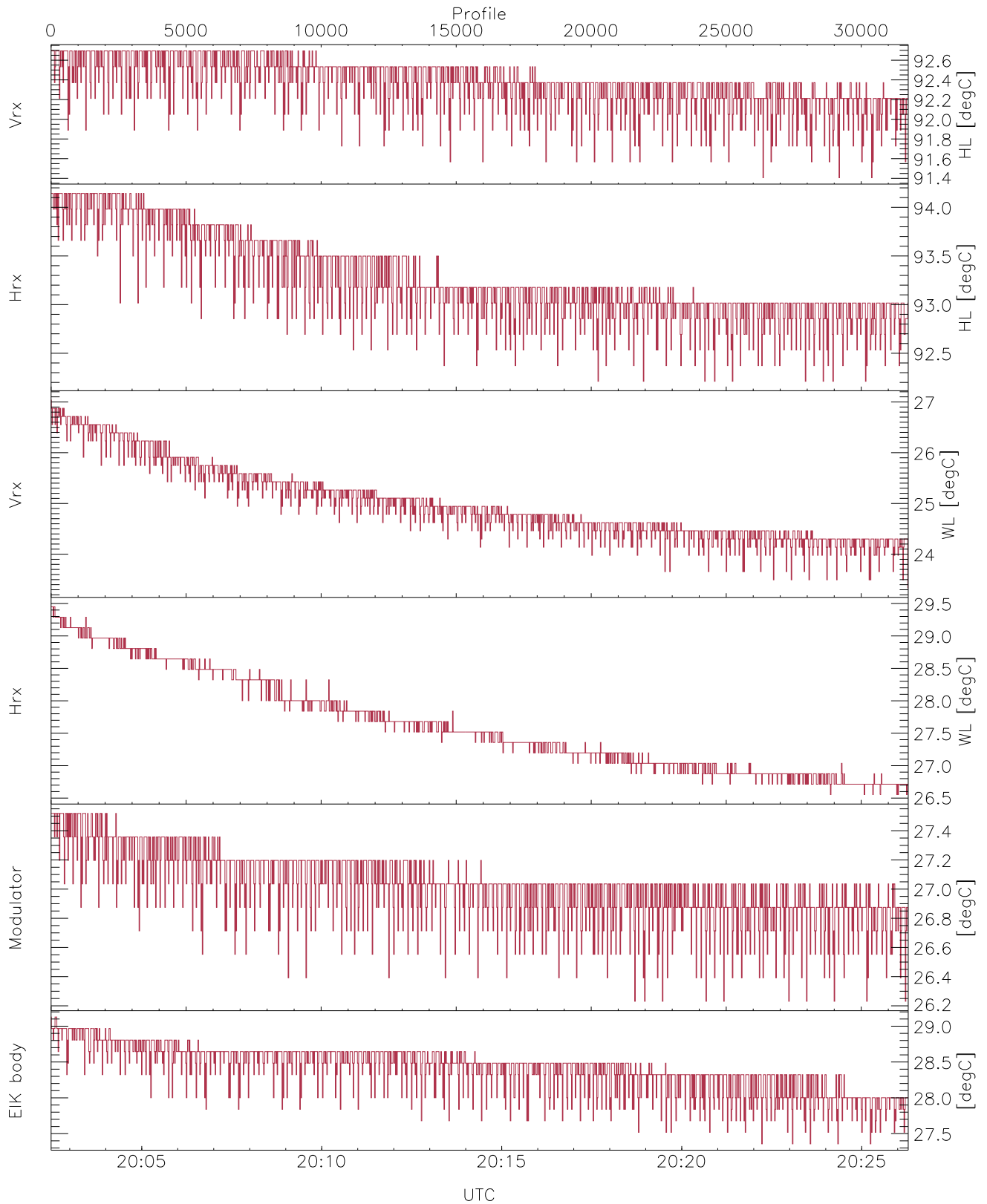


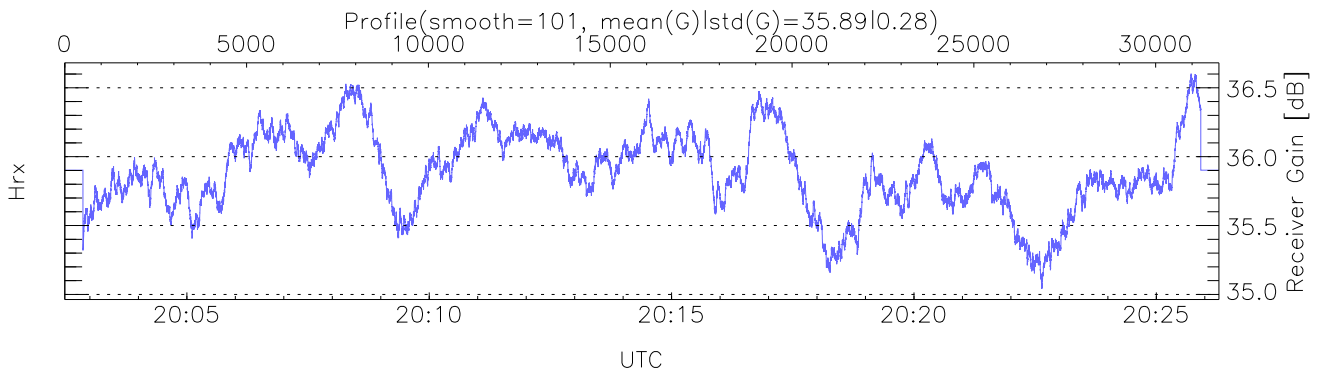
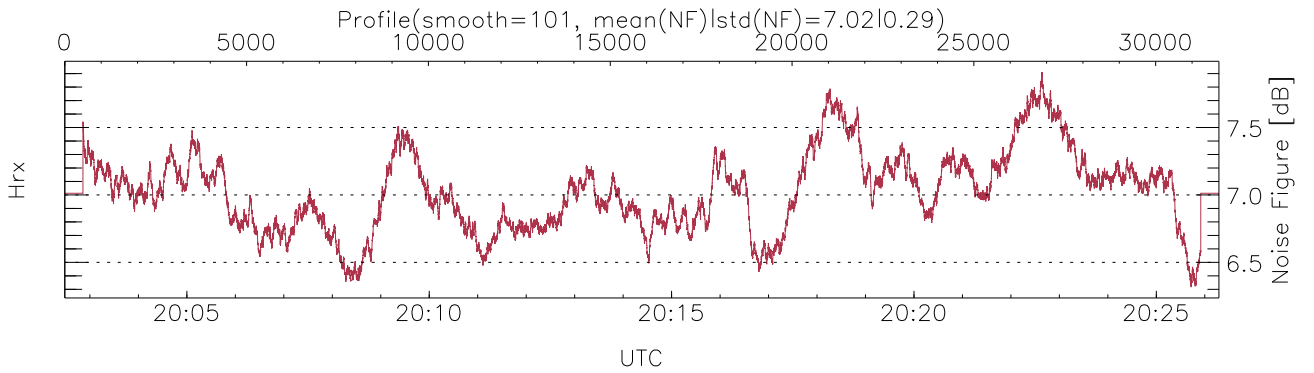
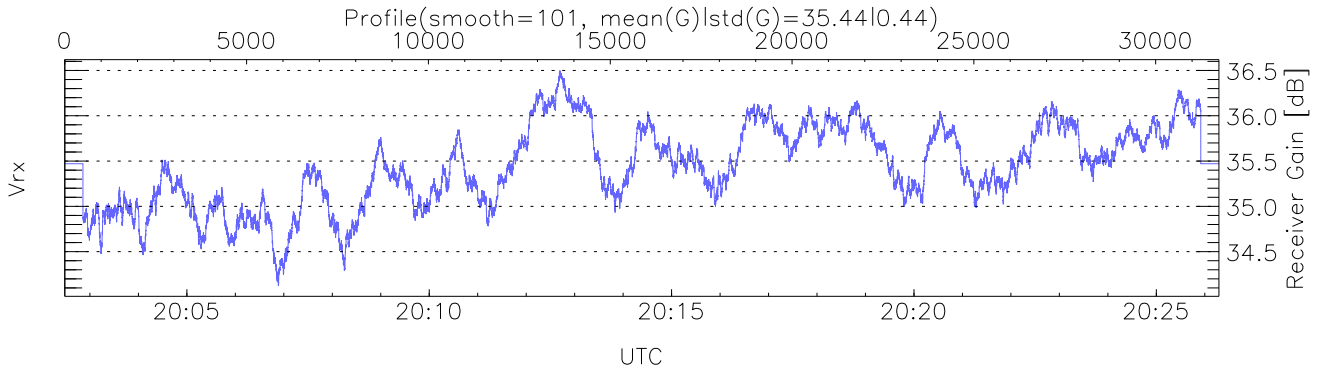
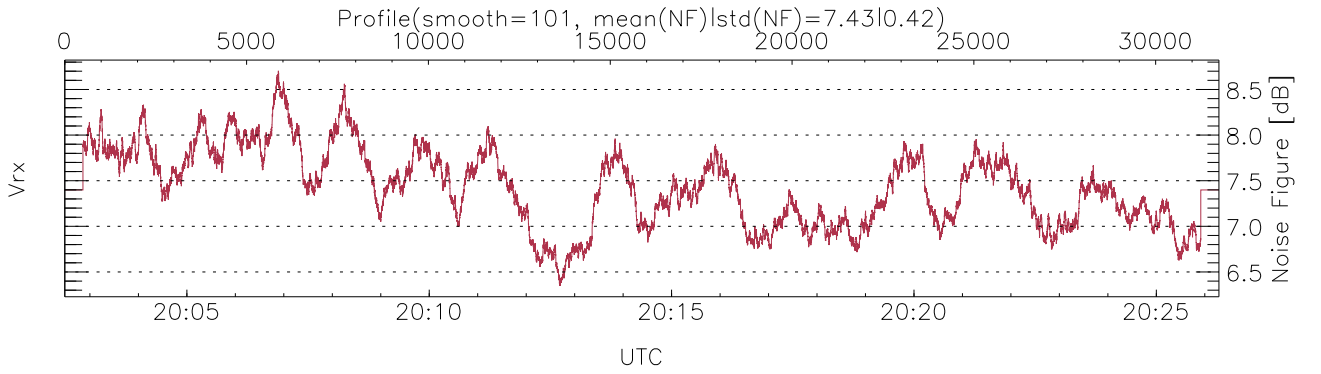
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:02:29-20:26:18, 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, 0-31740/20:02:29-20:26:18
 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



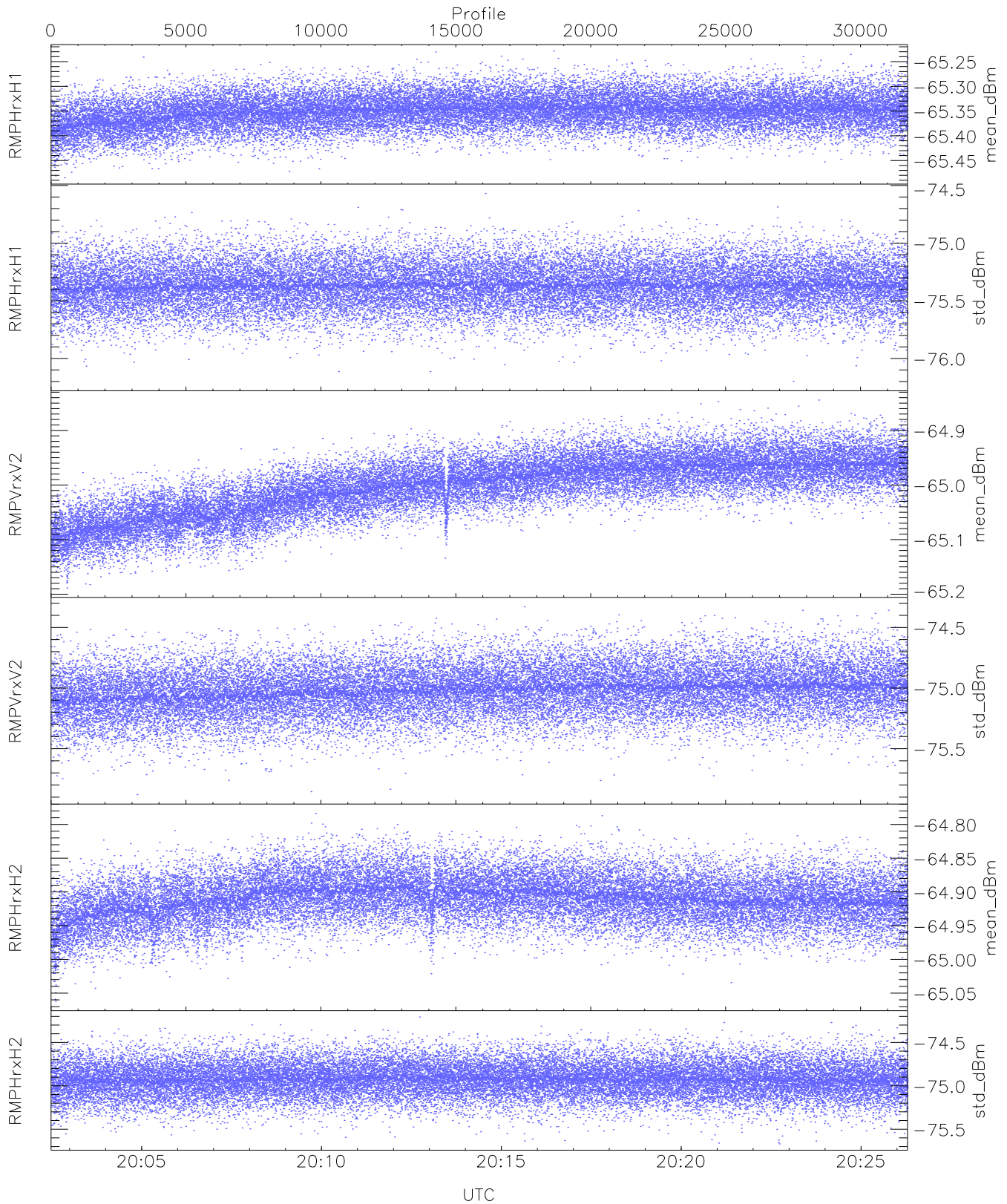
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,27,29,27,29
 LOalarm(20,240,2817,14861 MHz): 0,0,44,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



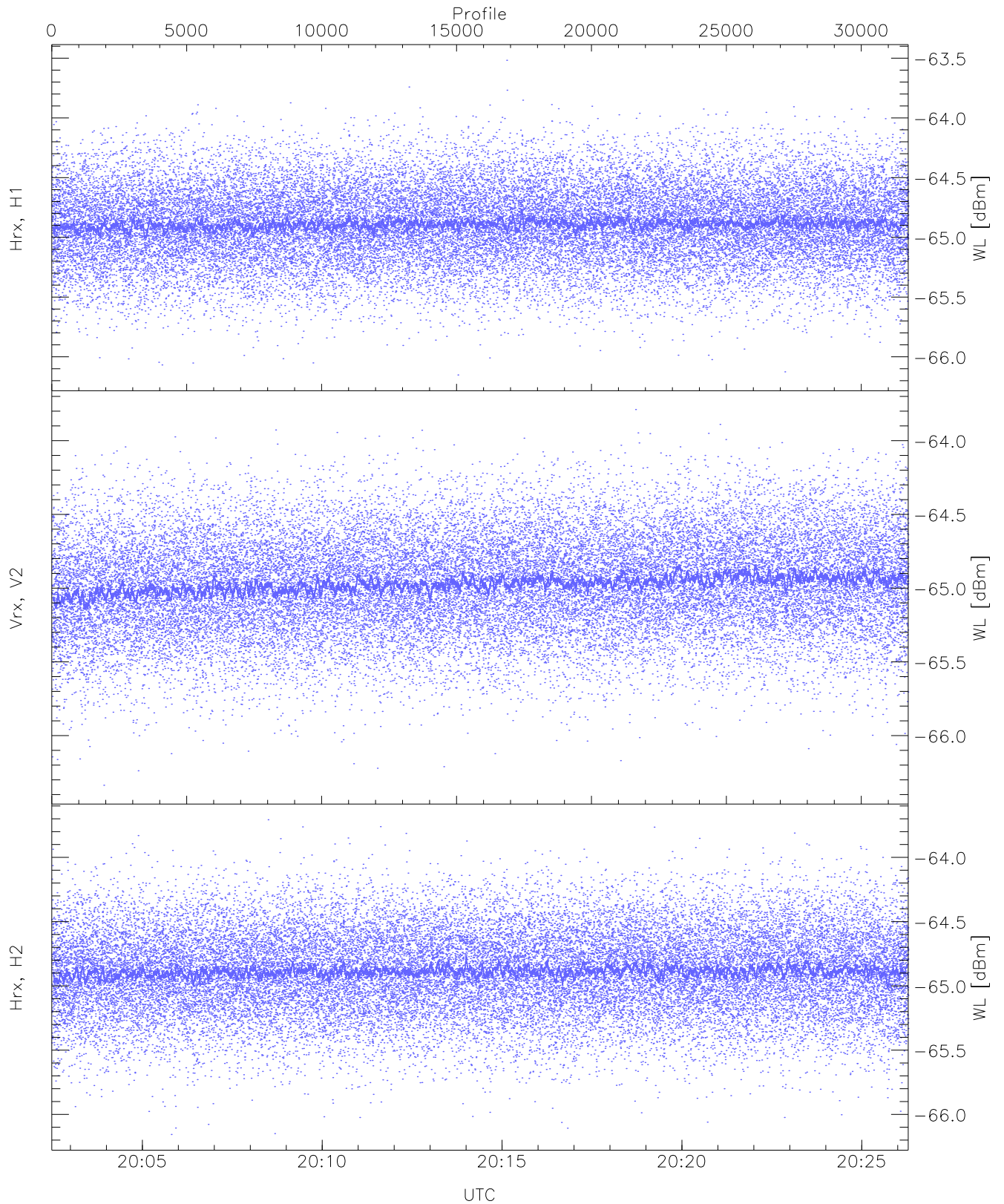
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 4 pixs, 1 gates, 4 profs, 1 prod(s)



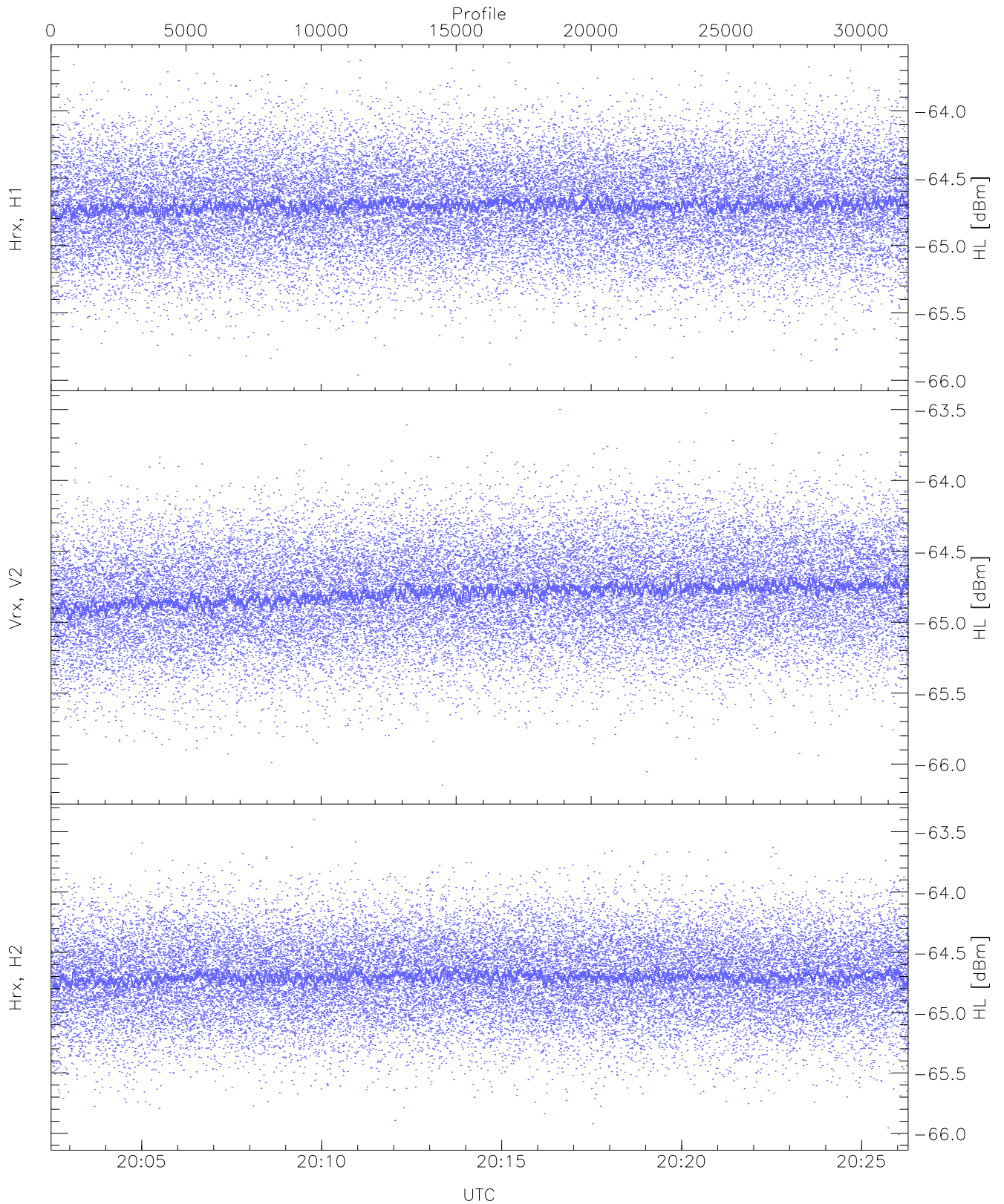
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.23	-65.35	-65.35	-86.72
RMPHrxH1(std_dBm)	-76.20	-74.57	-75.37	-75.37	-89.14
RMPVrxV2(mean_dBm)	-65.19	-64.84	-65.00	-65.00	-84.29
RMPVrxV2(std_dBm)	-75.88	-74.33	-75.02	-75.02	-88.70
RMPHrxH2(mean_dBm)	-65.06	-64.78	-64.91	-64.91	-86.15
RMPHrxH2(std_dBm)	-75.67	-74.21	-74.93	-74.93	-88.73



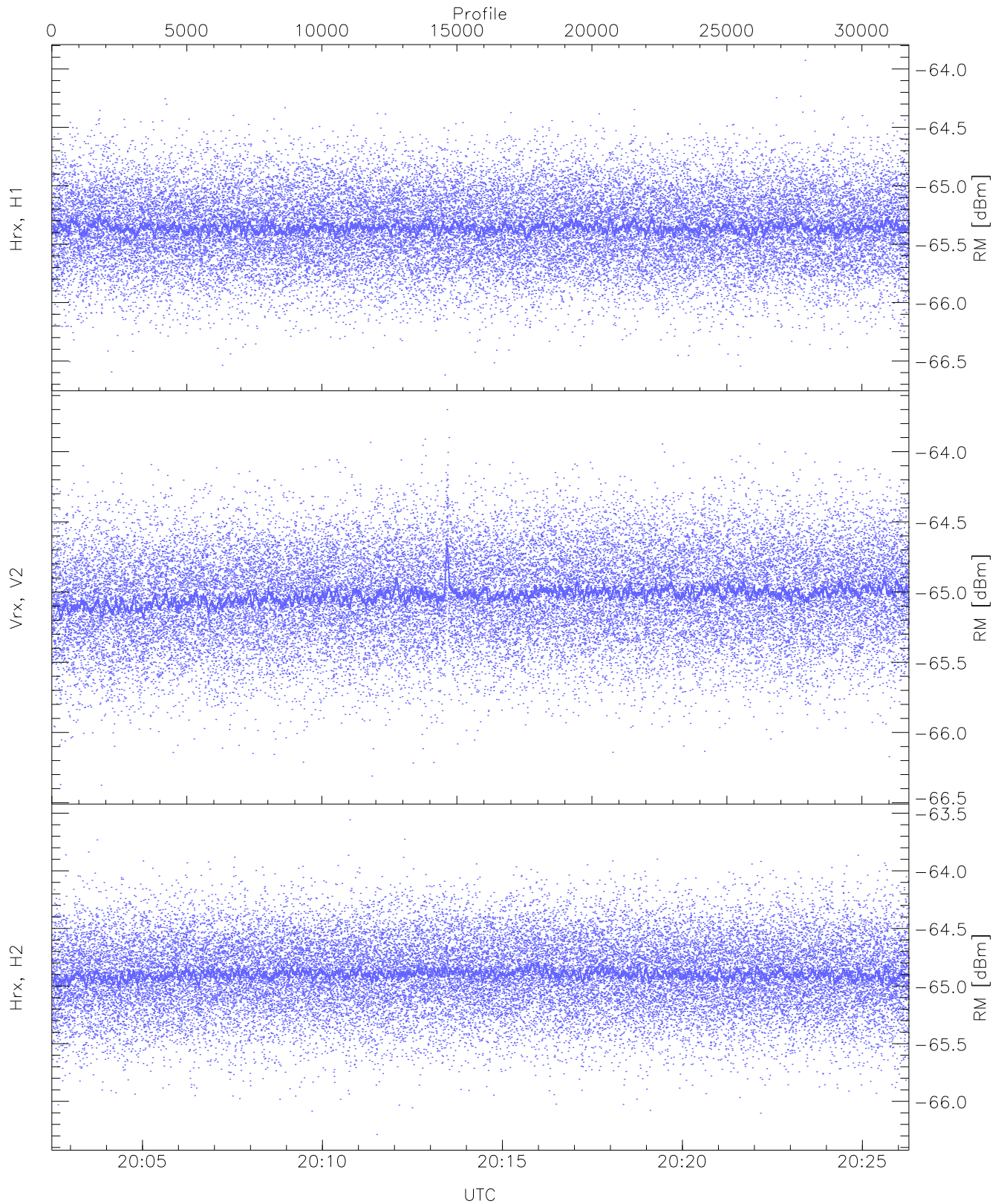
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.15	-63.52	-64.88	-64.89	-76.39
Vrx, V2 (WL [dBm])	-66.34	-63.79	-64.97	-64.97	-76.42
Hrx, H2 (WL [dBm])	-66.16	-63.71	-64.88	-64.89	-76.37



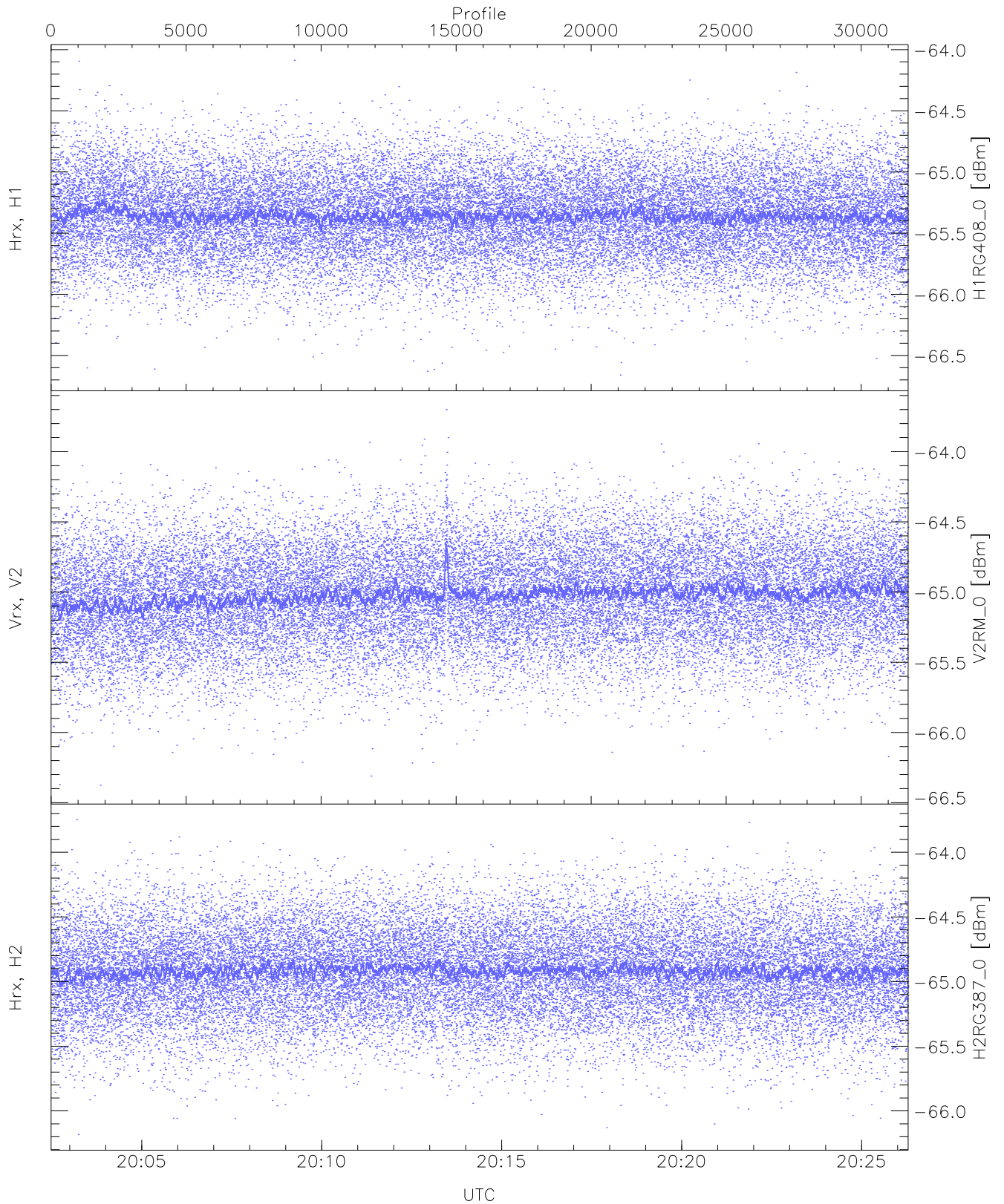
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.63	-64.70	-64.71	-76.19
Vrx, V2 (HL [dBm])	-66.15	-63.50	-64.79	-64.80	-76.27
Hrx, H2 (HL [dBm])	-66.01	-63.40	-64.70	-64.71	-76.20



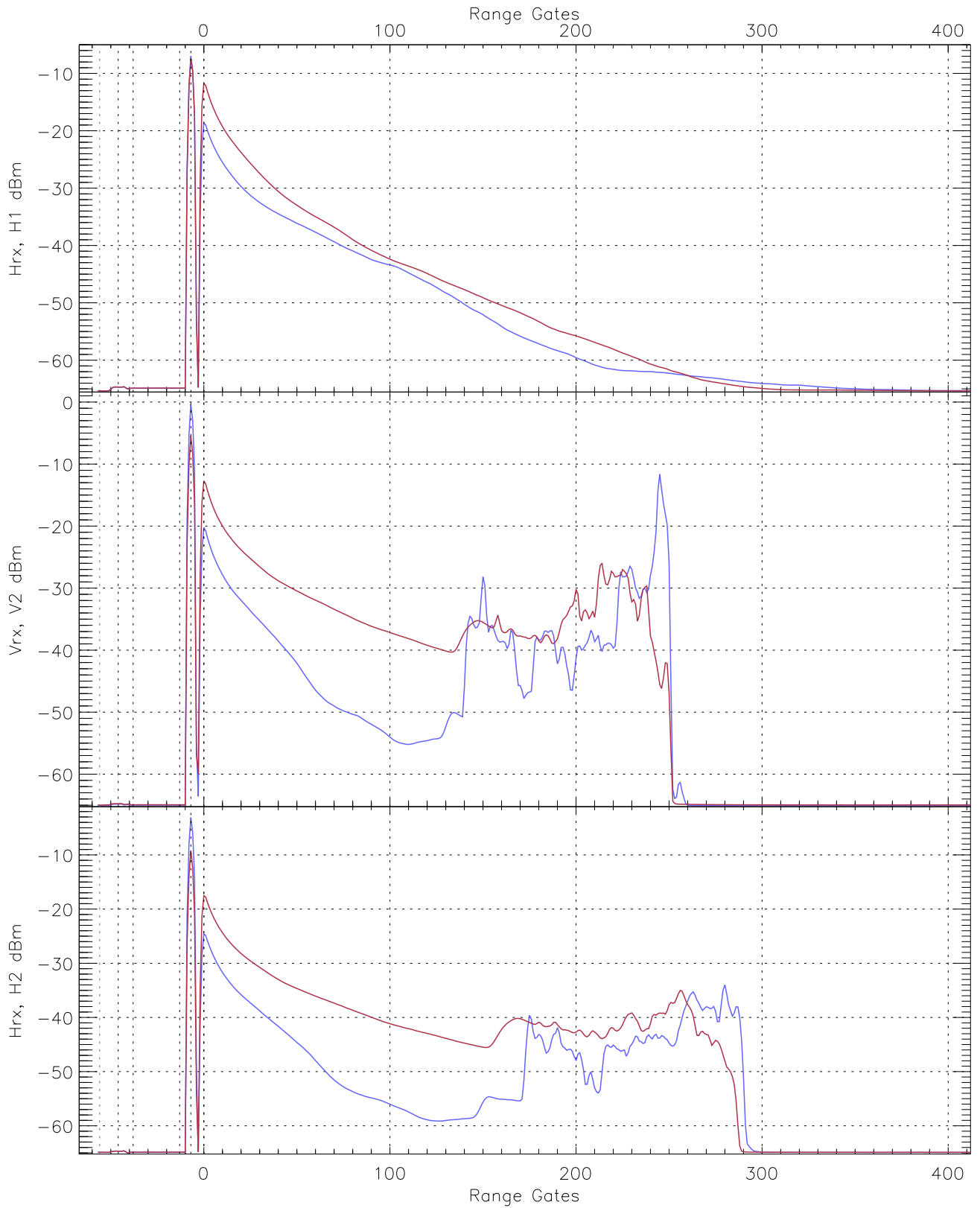
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.62	-63.93	-65.35	-65.36	-76.85
Vrx, V2 (RM [dBm])	-66.38	-63.70	-65.02	-65.02	-76.46
Hrx, H2 (RM [dBm])	-66.29	-63.56	-64.89	-64.90	-76.39

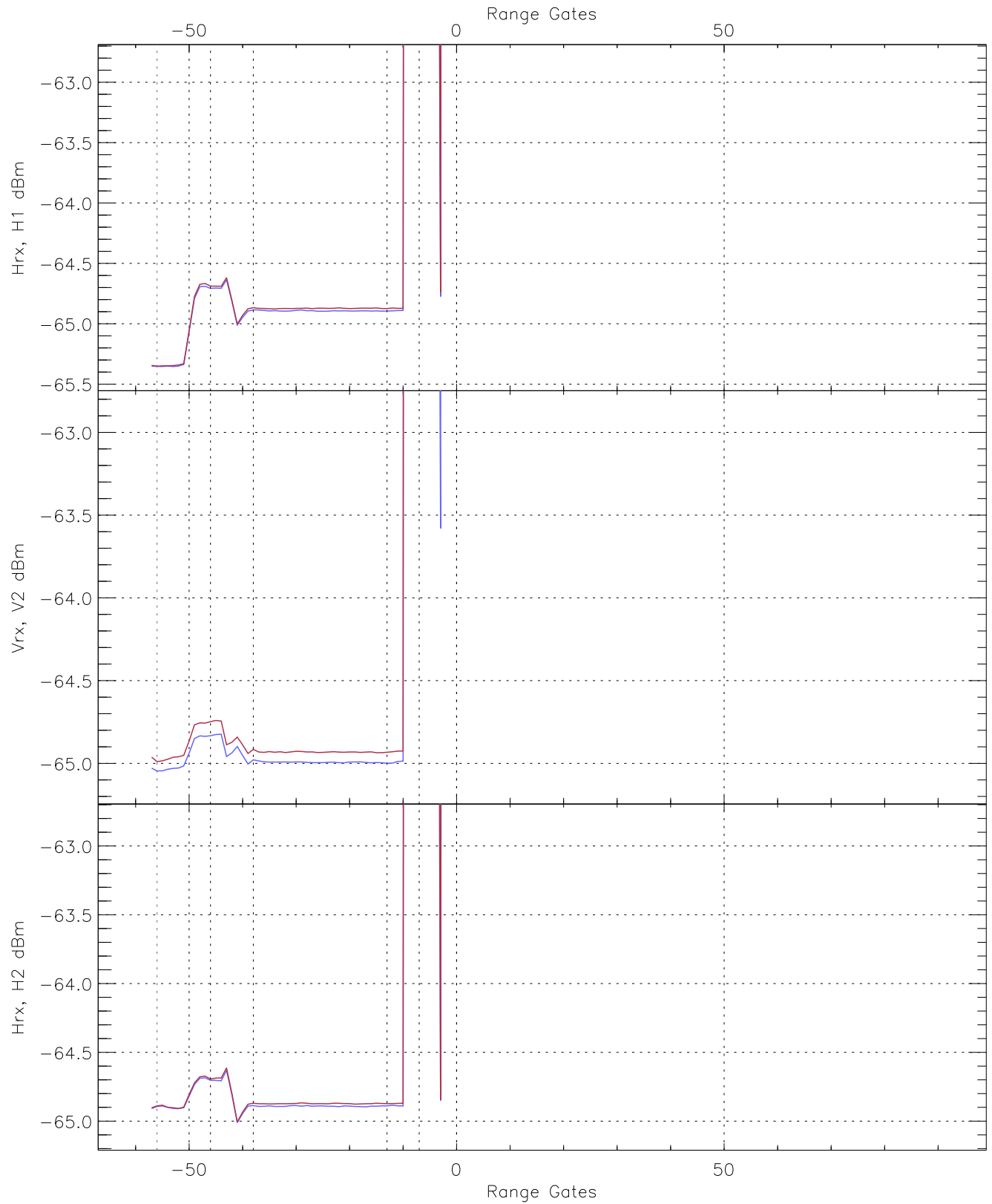


WCR3 CPP "Best" estimate Receivers Noise Power

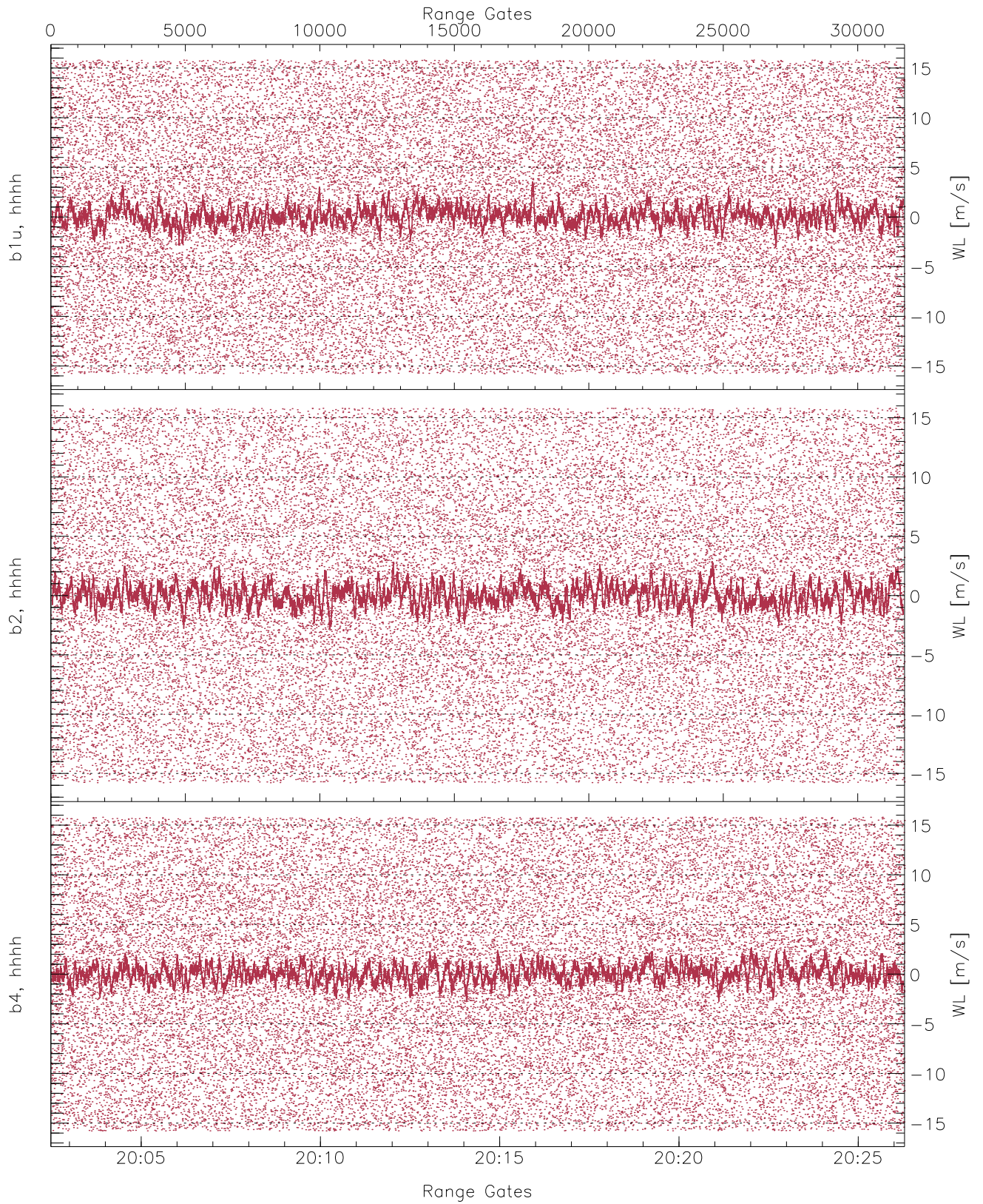
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.66	-64.09	-65.35	-65.36	-76.85
V2RM_0 [dBm]	-66.38	-63.70	-65.02	-65.02	-76.46
H2RG387_0 [dBm]	-66.18	-63.75	-64.91	-64.92	-76.40



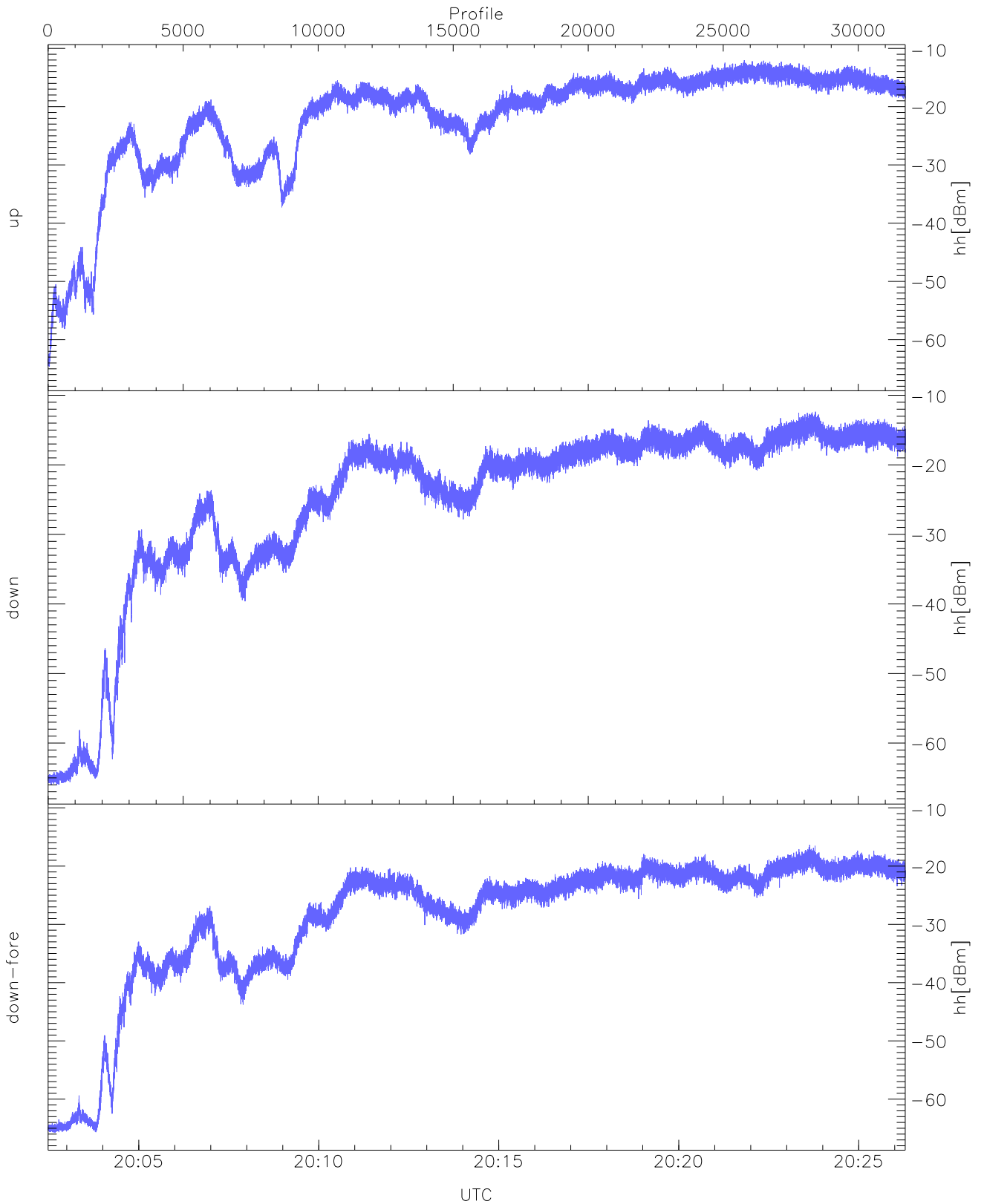
WCR3 CPP Averaged Received power for all recorded gates
blue: 200229-201423, 15871 profiles averaged
red: 201423-202618, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 200229-201423, 15871 profiles averaged
red: 201423-202618, 15871 profiles averaged

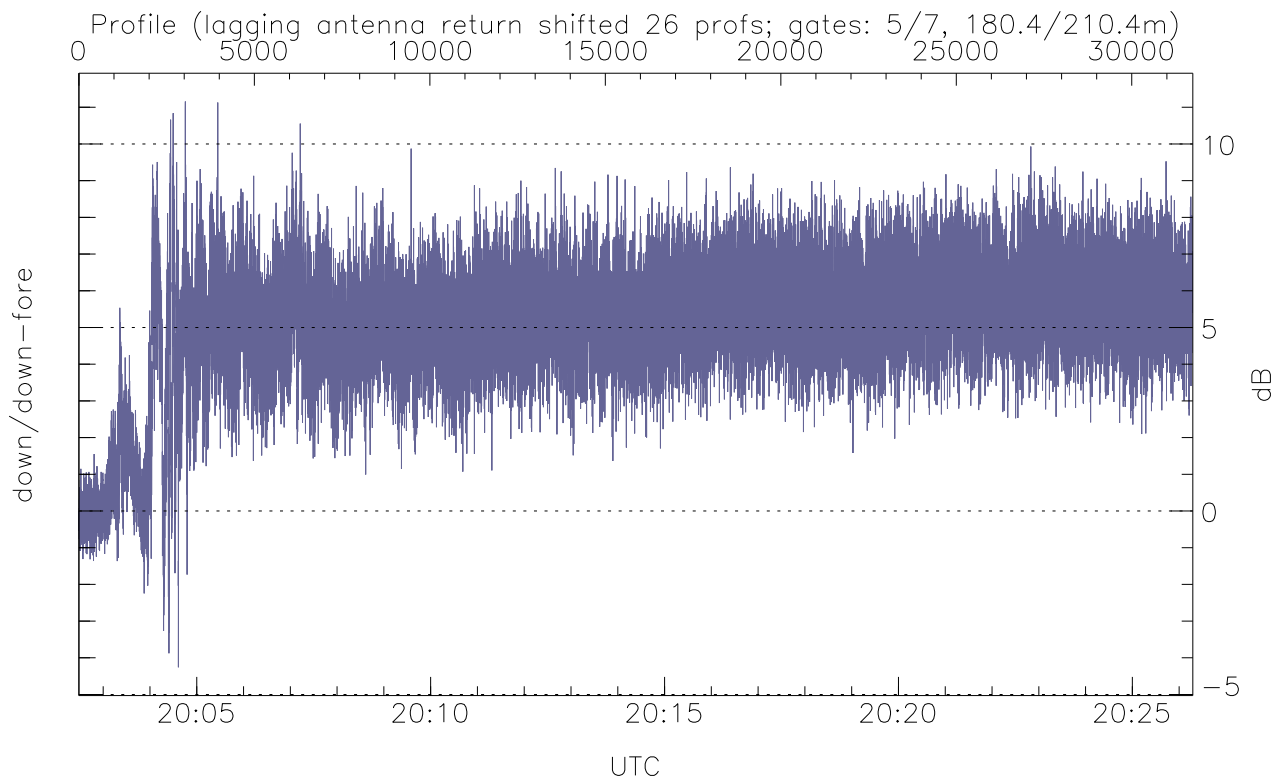
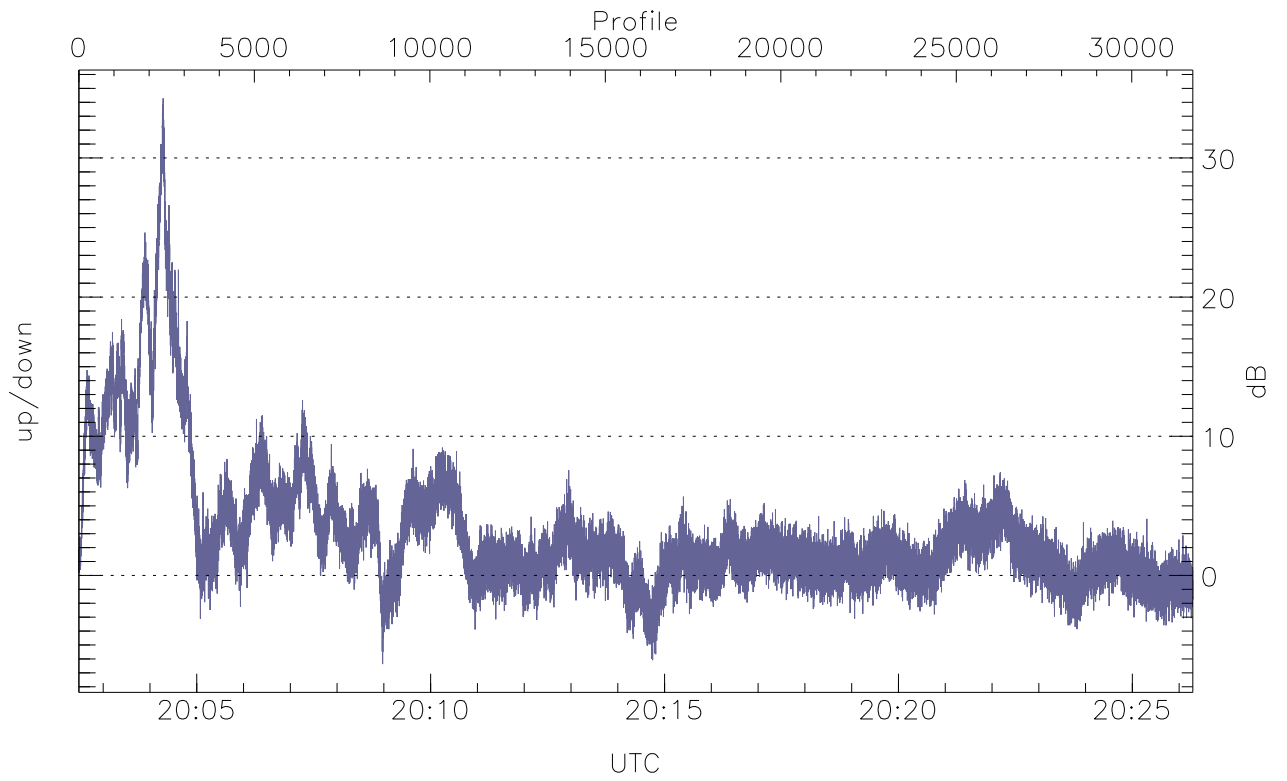


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



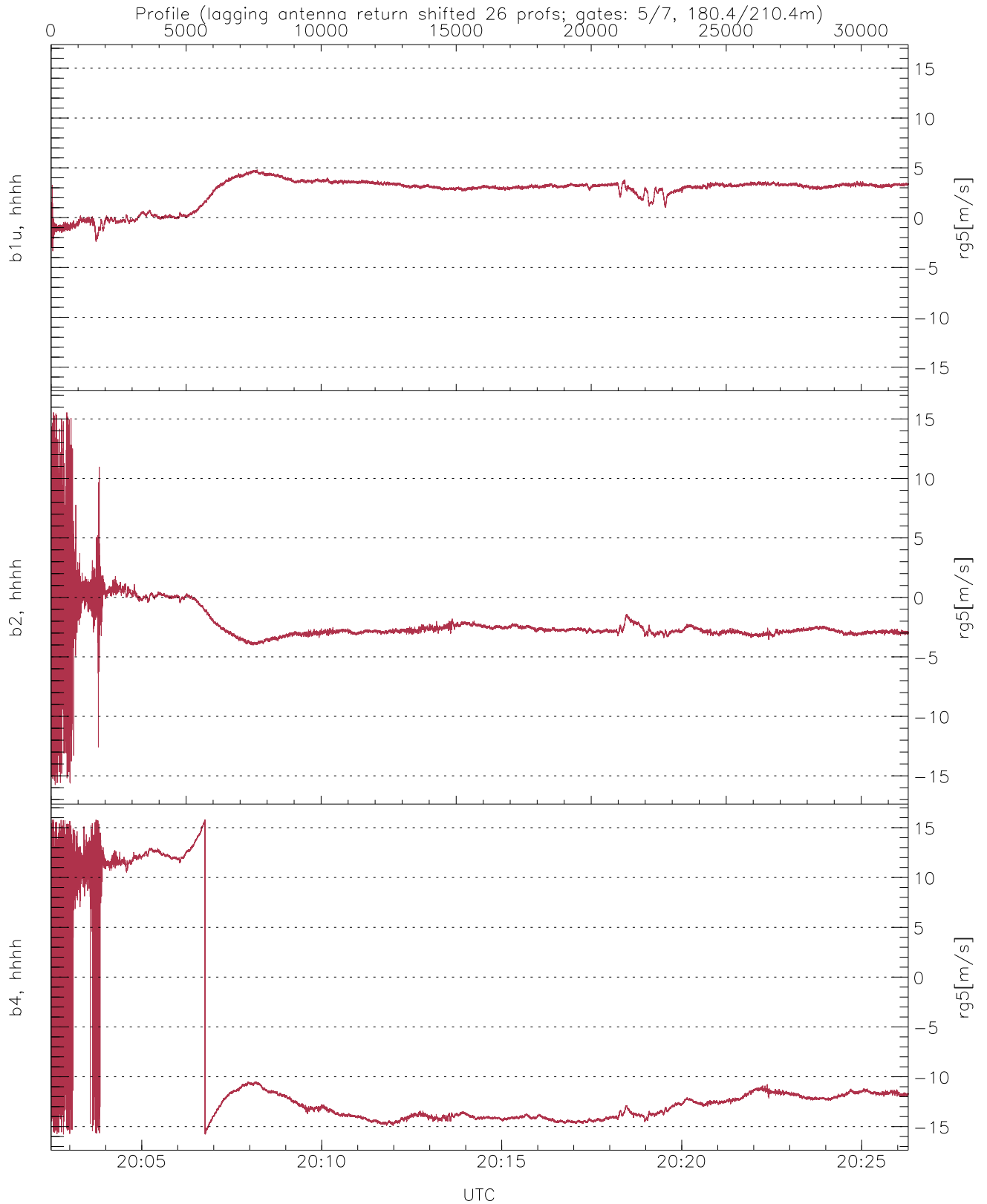
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.58	-12.05	-18.10
down(hh[dBm])	-66.06	-12.36	-19.27
down-fore(hh[dBm])	-65.76	-16.33	-23.61



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

	Min	Max	Mean
up/down (dB)	-6.37	34.29	3.11
down/down-fore (dB)	-4.26	11.16	5.12



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.36	4.82	2.64	1.42
b2, hhhh(rg5[m/s])	-15.76	15.56	-2.27	1.73
b4, hhhh(rg5[m/s])	-15.78	15.79	-8.82	9.36