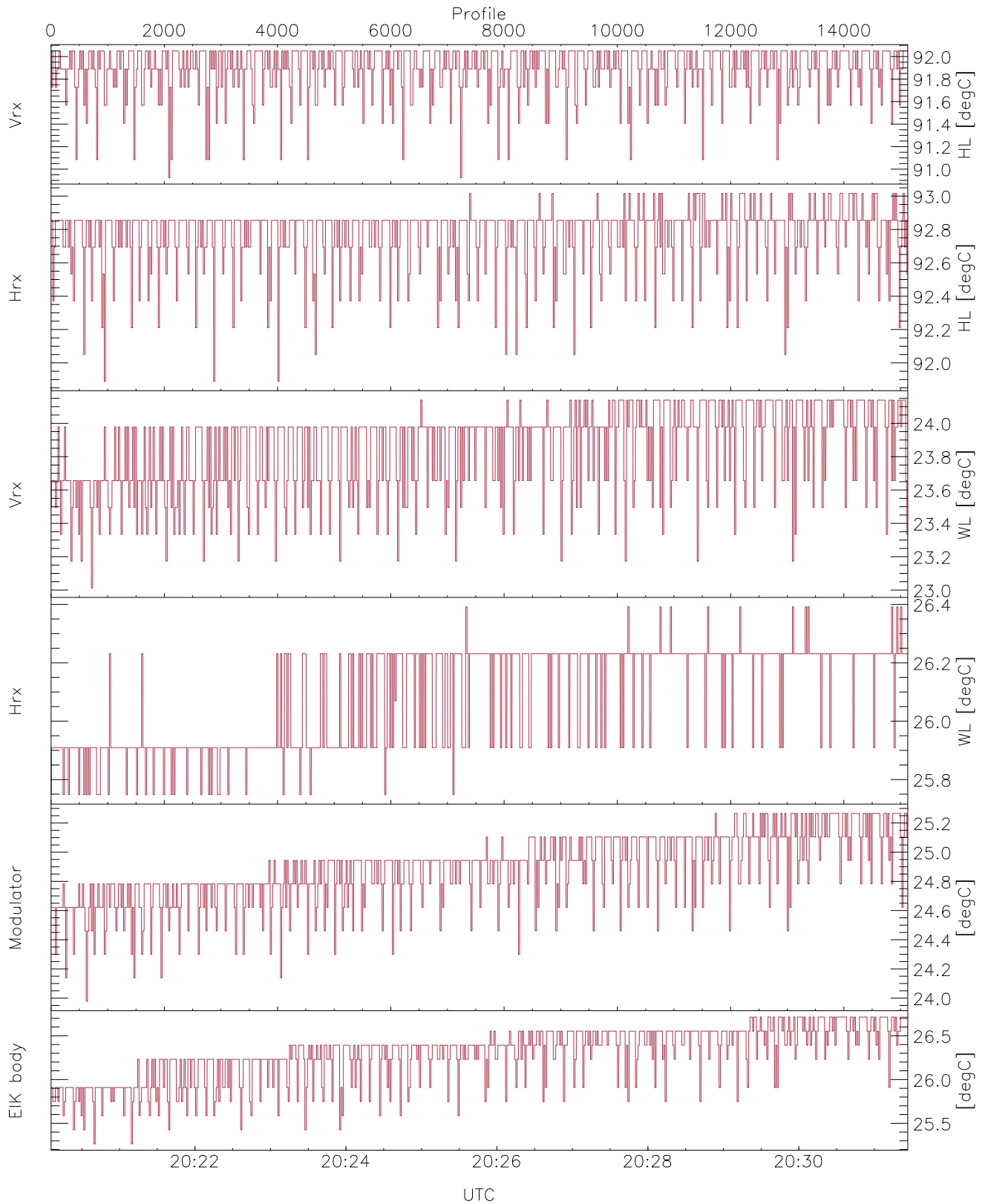


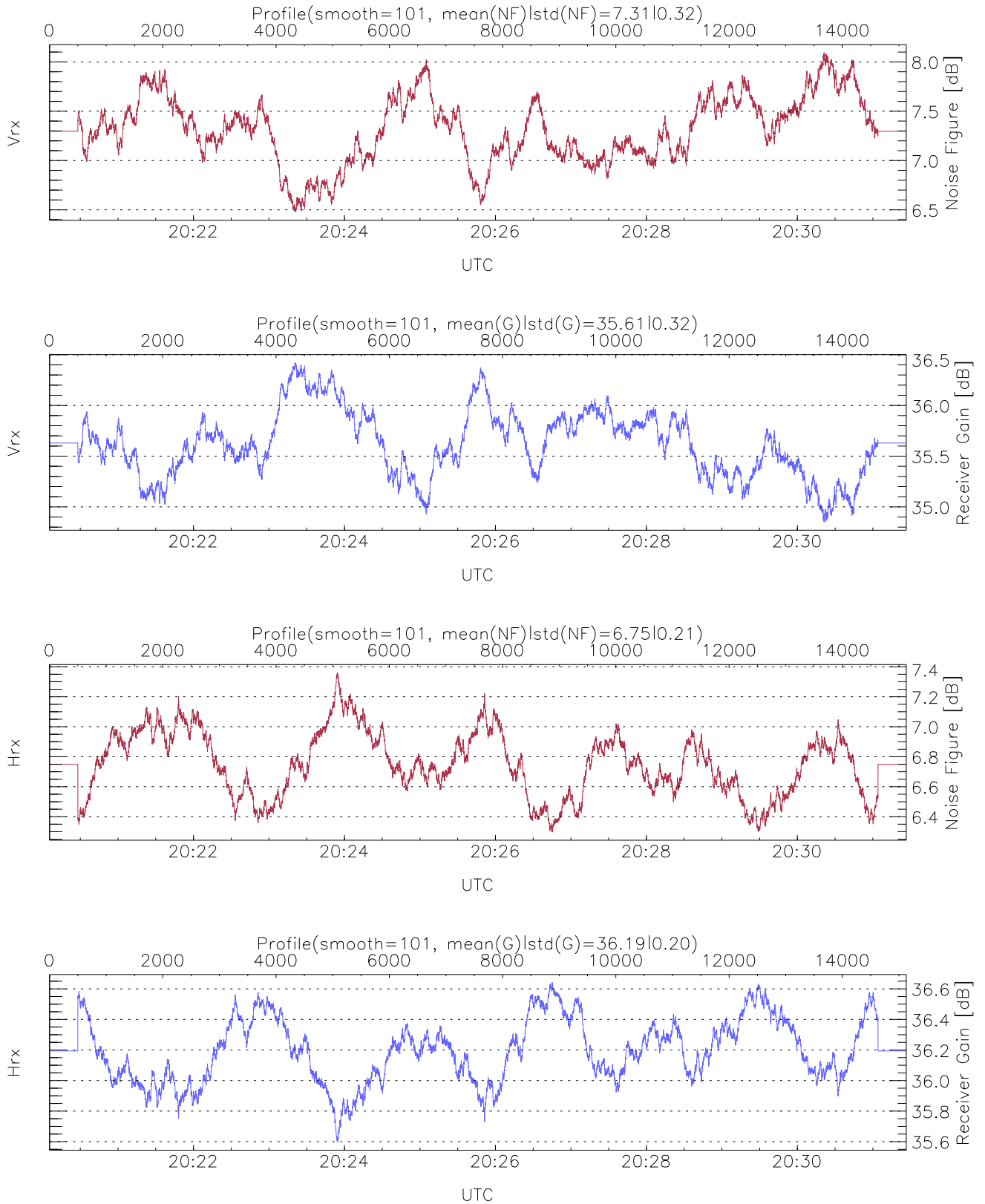
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:20:06-20:31:27, TimeCor: 0.00s, Dur: 680.97s
 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): 15130/15130, 0-15129/20:20:06-20:31:27
 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



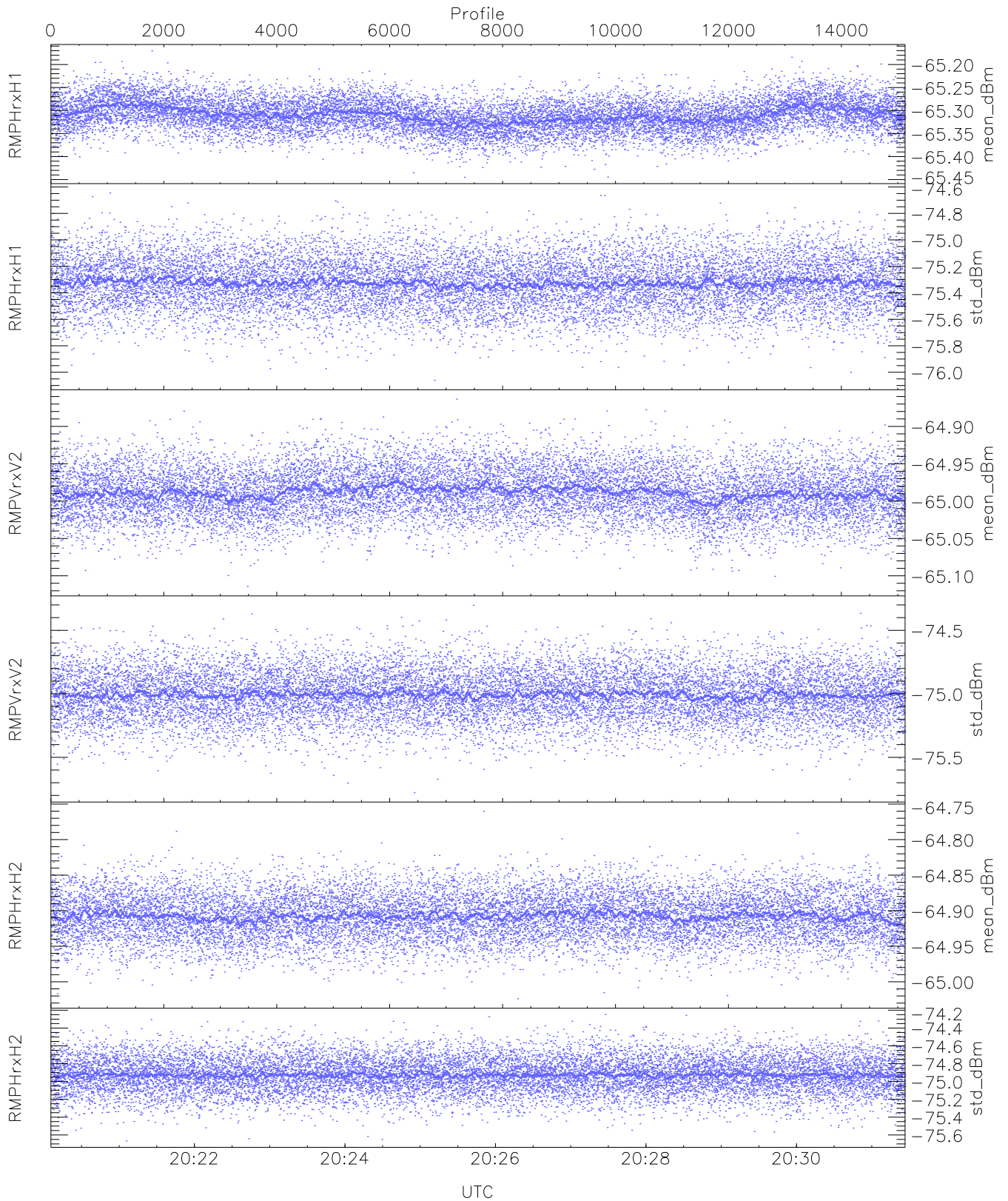
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,23,25,23,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,25,26`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



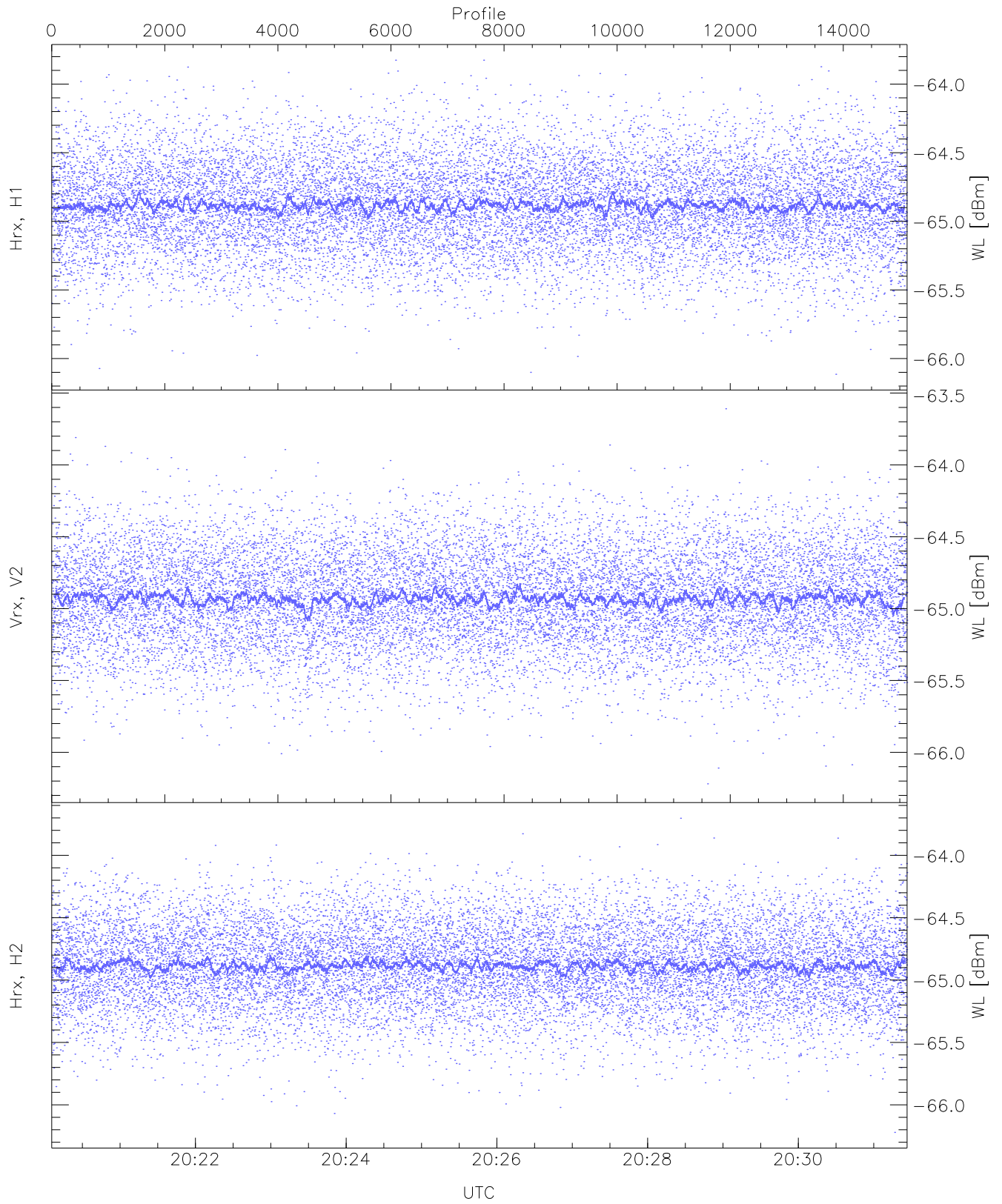
WCR3 CPP Receivers Gain and Noise Figure

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



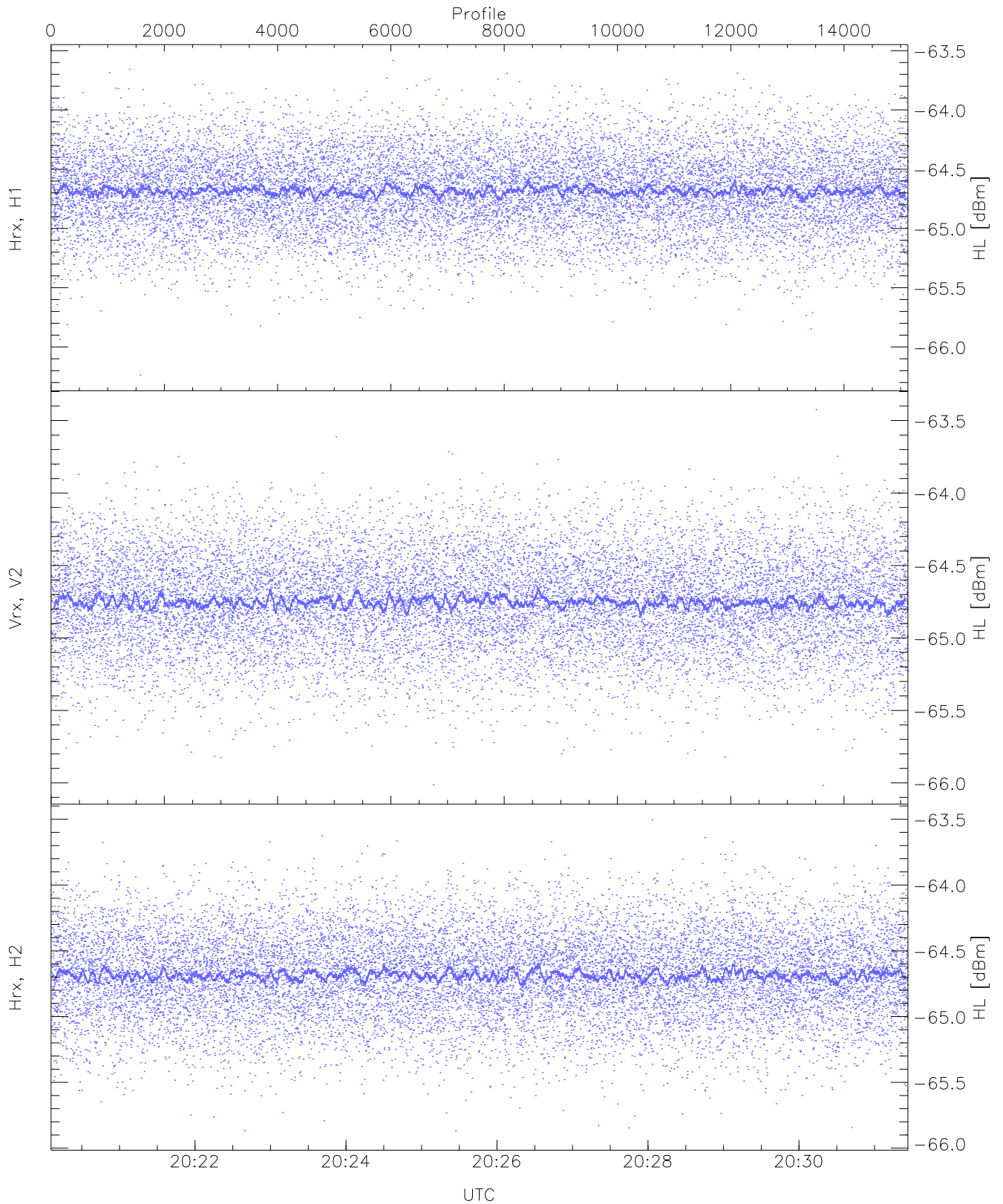
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.17	-65.31	-65.31	-86.56
RMPHrxH1(std_dBm)	-76.06	-74.65	-75.32	-75.33	-89.11
RMPVrxV2(mean_dBm)	-65.11	-64.86	-64.99	-64.99	-86.51
RMPVrxV2(std_dBm)	-75.78	-74.30	-75.01	-75.01	-88.82
RMPHrxH2(mean_dBm)	-65.02	-64.76	-64.91	-64.91	-86.51
RMPHrxH2(std_dBm)	-75.67	-74.25	-74.93	-74.93	-88.69



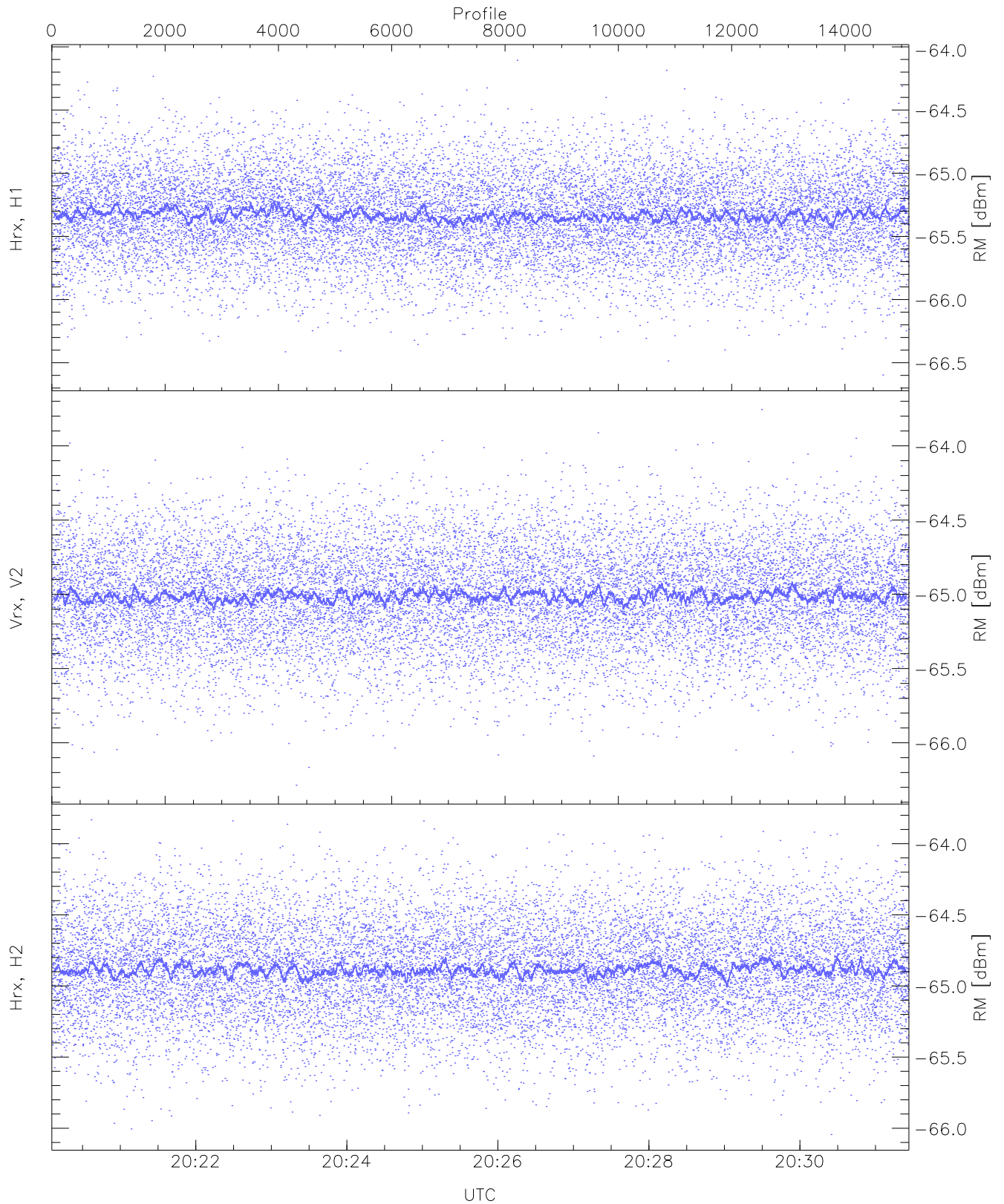
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.11	-63.83	-64.88	-64.89	-76.43
Vrx, V2 (WL [dBm])	-66.22	-63.61	-64.93	-64.93	-76.44
Hrx, H2 (WL [dBm])	-66.22	-63.70	-64.88	-64.89	-76.42



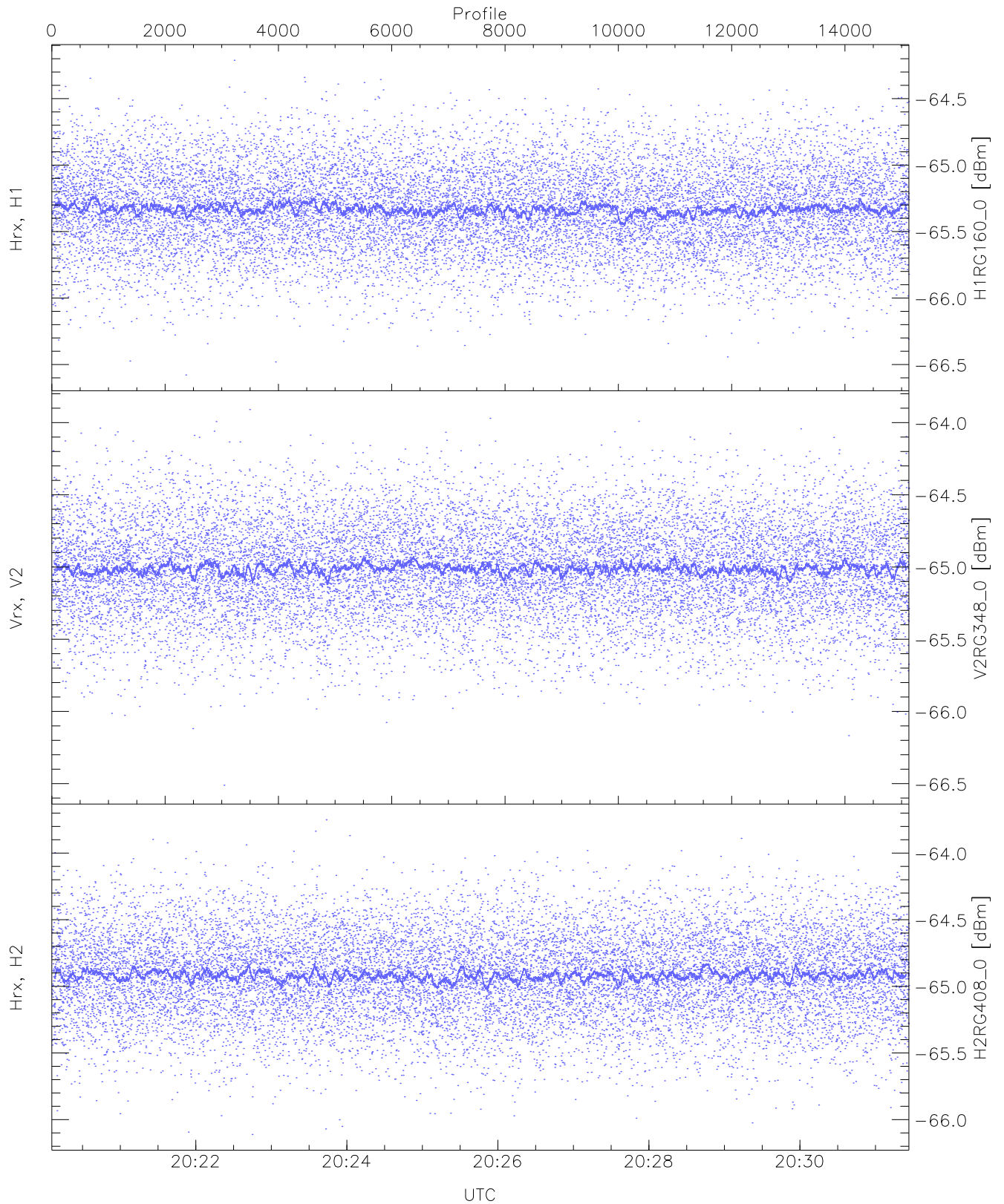
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.24	-63.58	-64.68	-64.68	-76.15
Vrx, V2 (HL [dBm])	-66.02	-63.42	-64.74	-64.75	-76.25
Hrx, H2 (HL [dBm])	-65.90	-63.50	-64.68	-64.68	-76.20



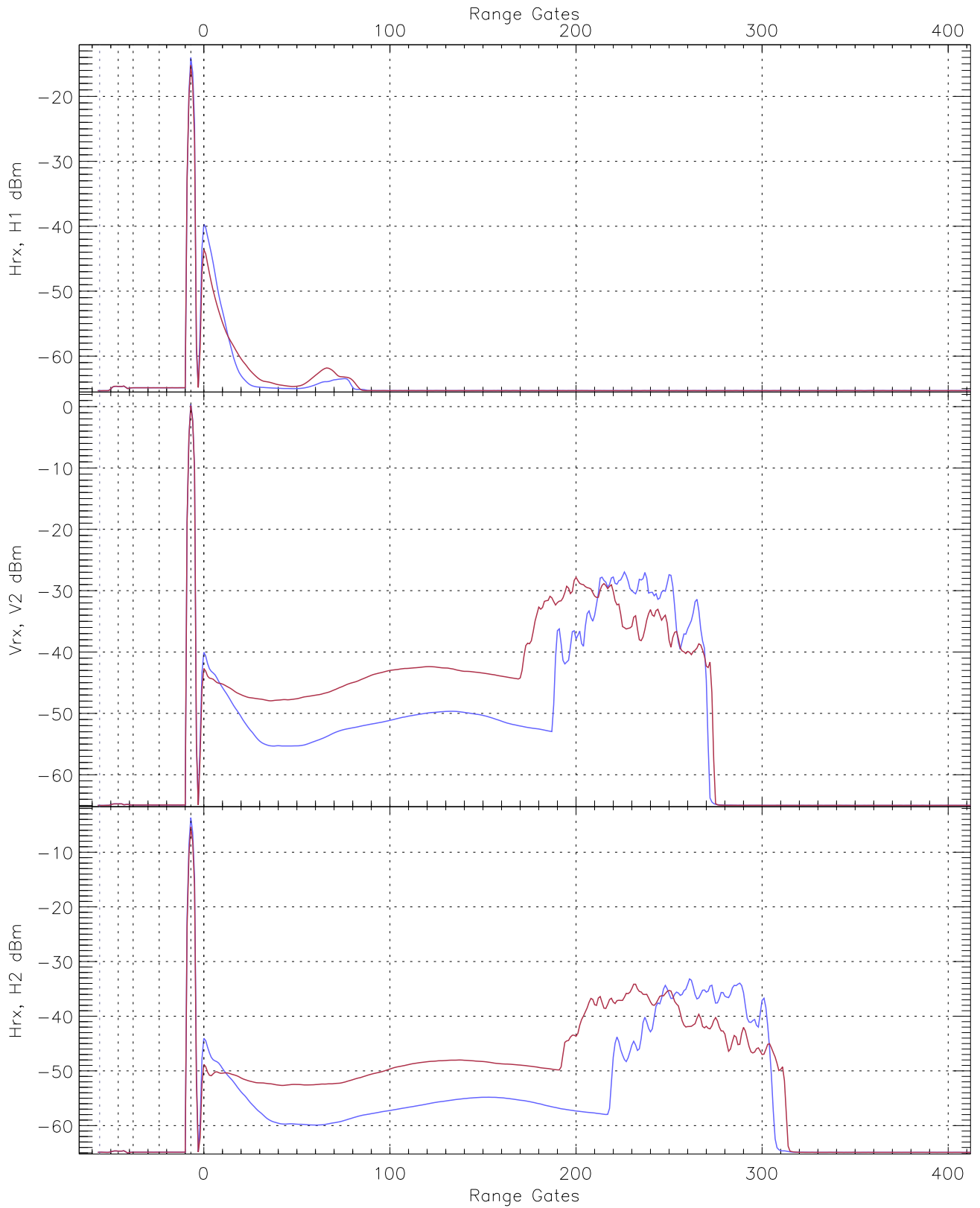
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.60	-64.11	-65.33	-65.33	-76.79
Vrx, V2(RM [dBm])	-66.29	-63.76	-65.00	-65.01	-76.53
Hrx, H2(RM [dBm])	-66.04	-63.83	-64.88	-64.89	-76.38

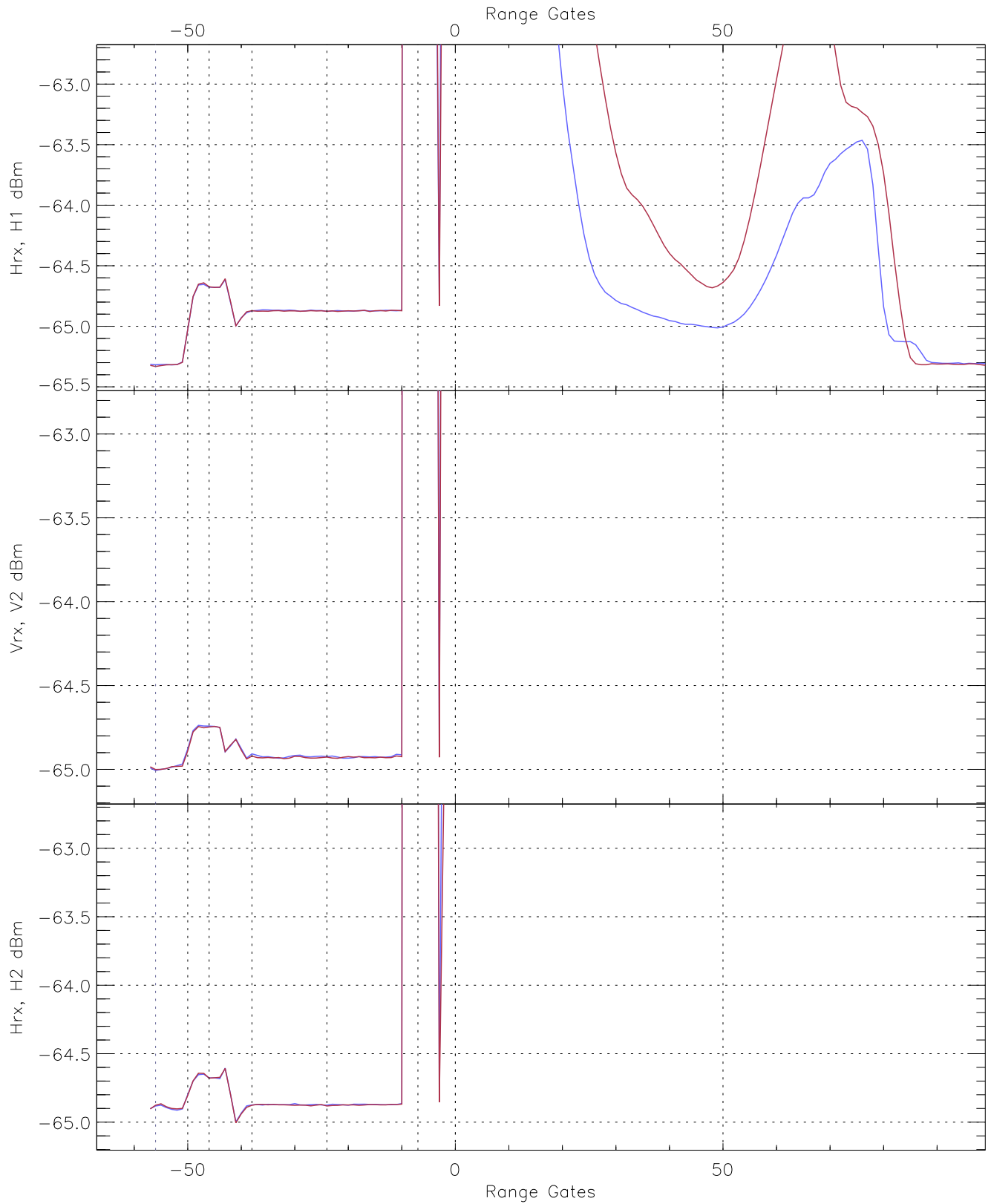


WCR3 CPP "Best" estimate Receivers Noise Power

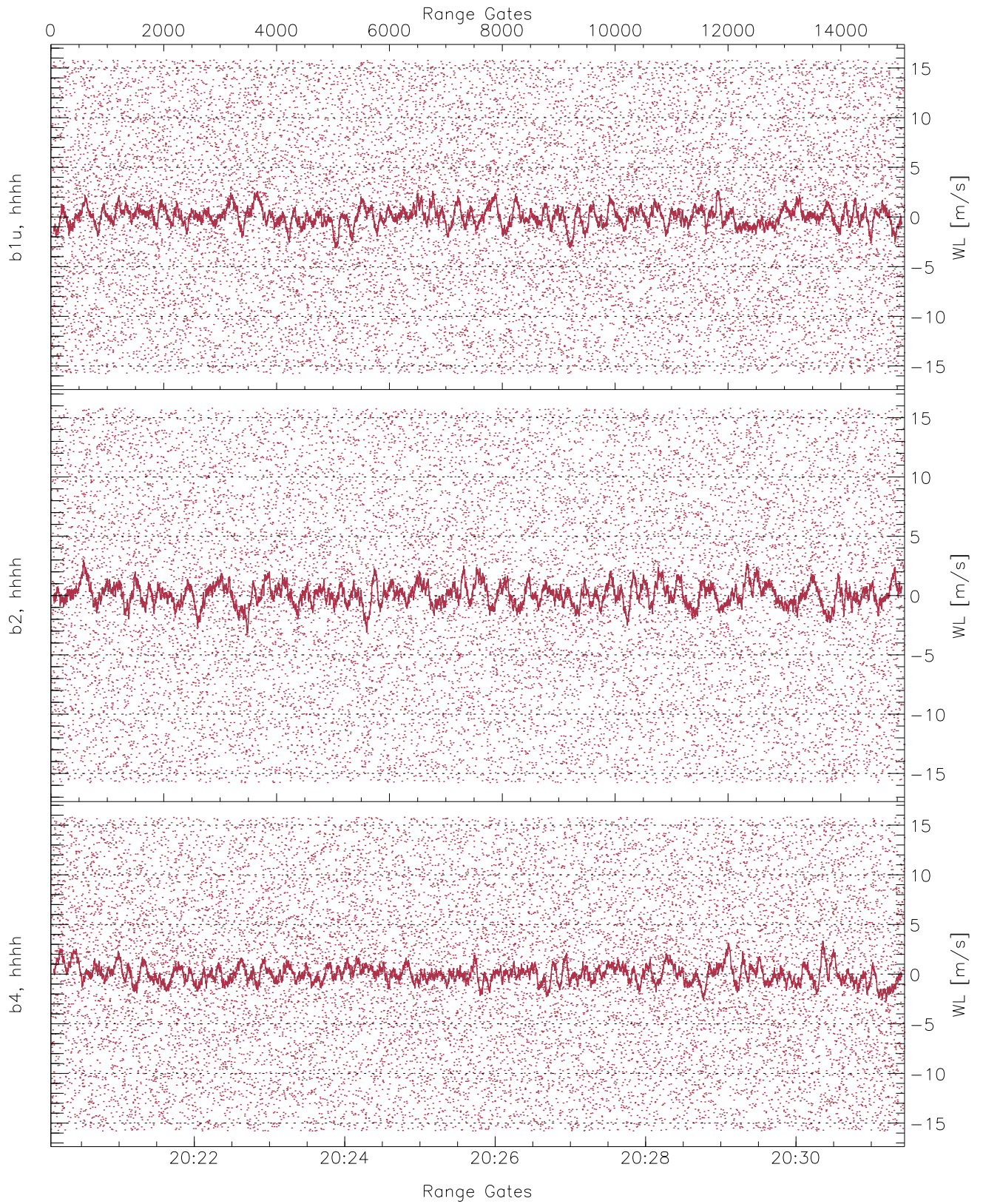
	Min	Max	Mean	Median	StDev
H1RG160_0 [dBm]	-66.58	-64.21	-65.33	-65.33	-76.88
V2RG348_0 [dBm]	-66.51	-63.91	-65.00	-65.01	-76.51
H2RG408_0 [dBm]	-66.11	-63.75	-64.91	-64.92	-76.44



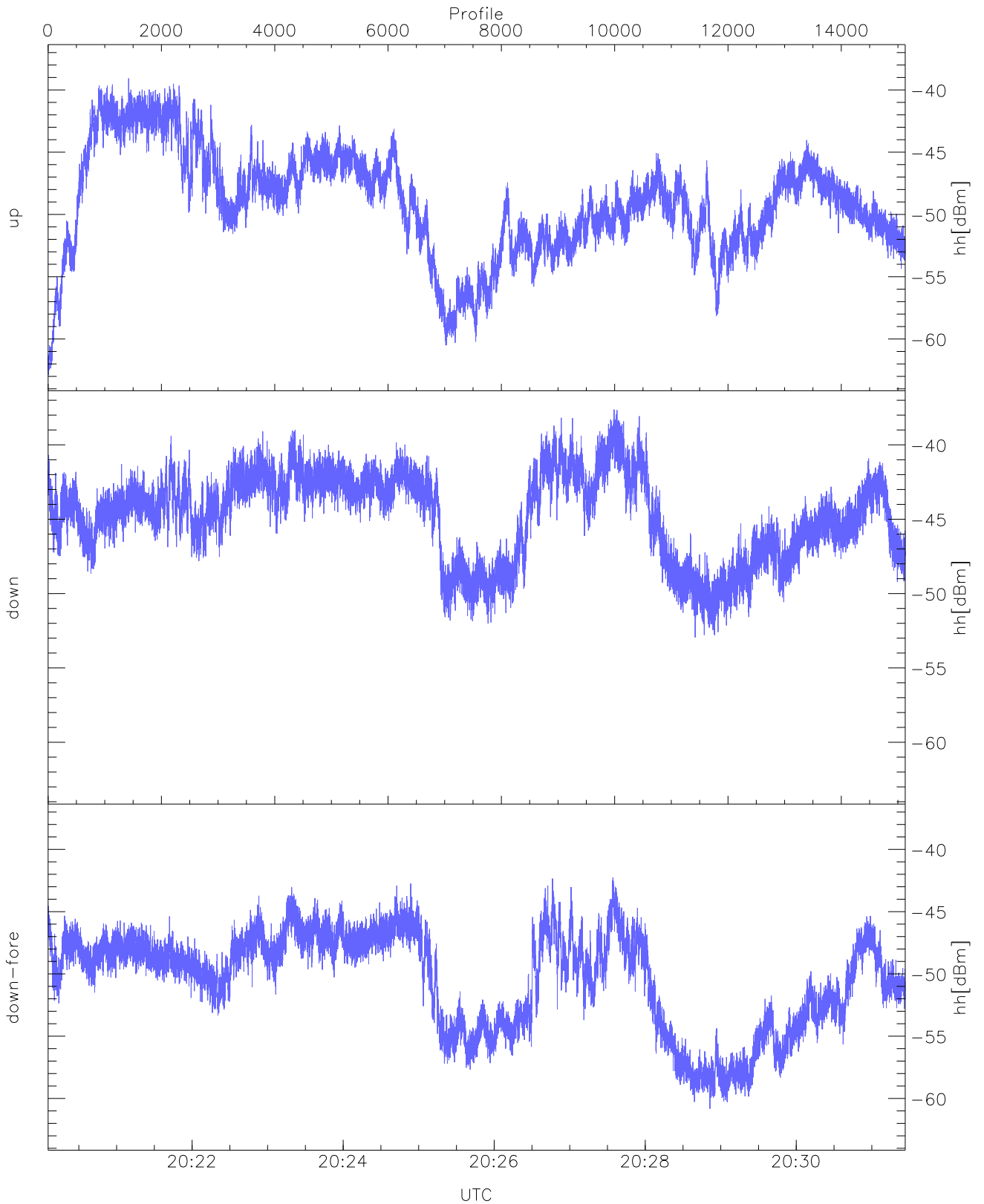
WCR3 CPP Averaged Received power for all recorded gates
blue: 202006-202546, 7566 profiles averaged
red: 202546-203127, 7565 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 202006-202546, 7566 profiles averaged
red: 202546-203127, 7565 profiles averaged

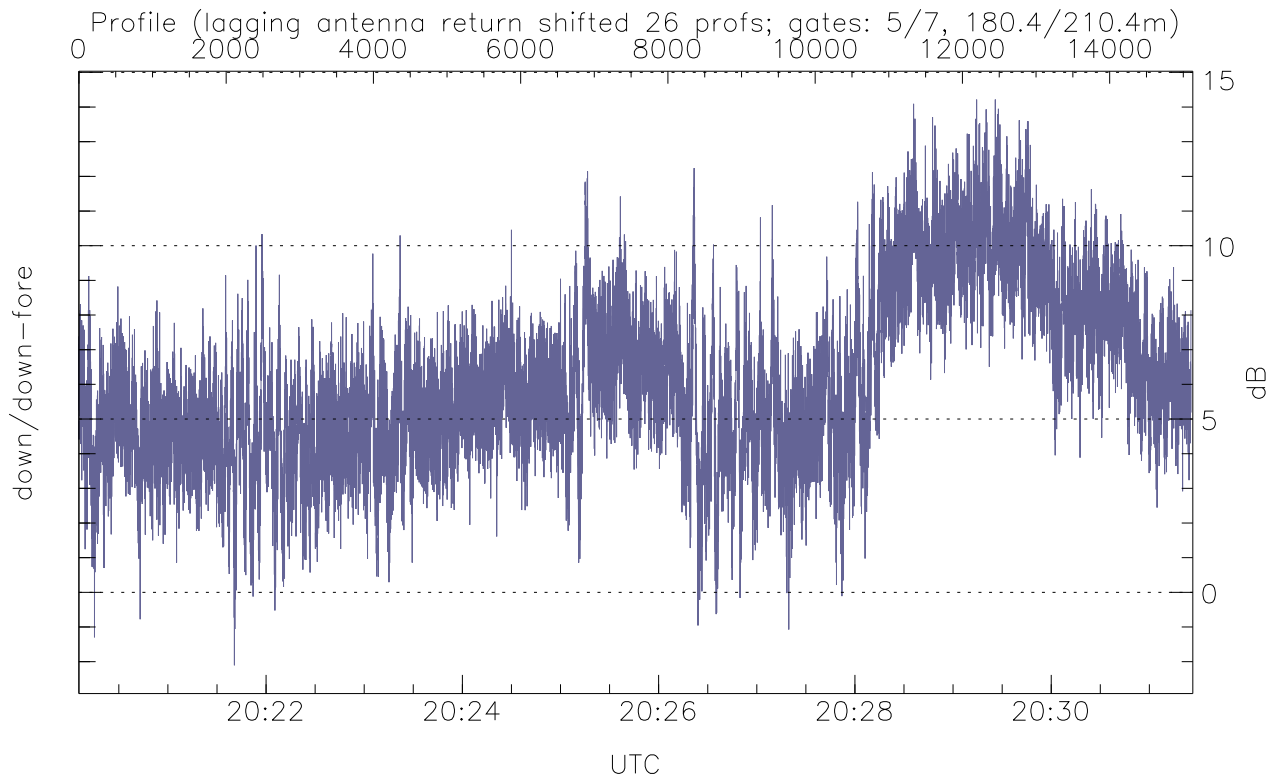
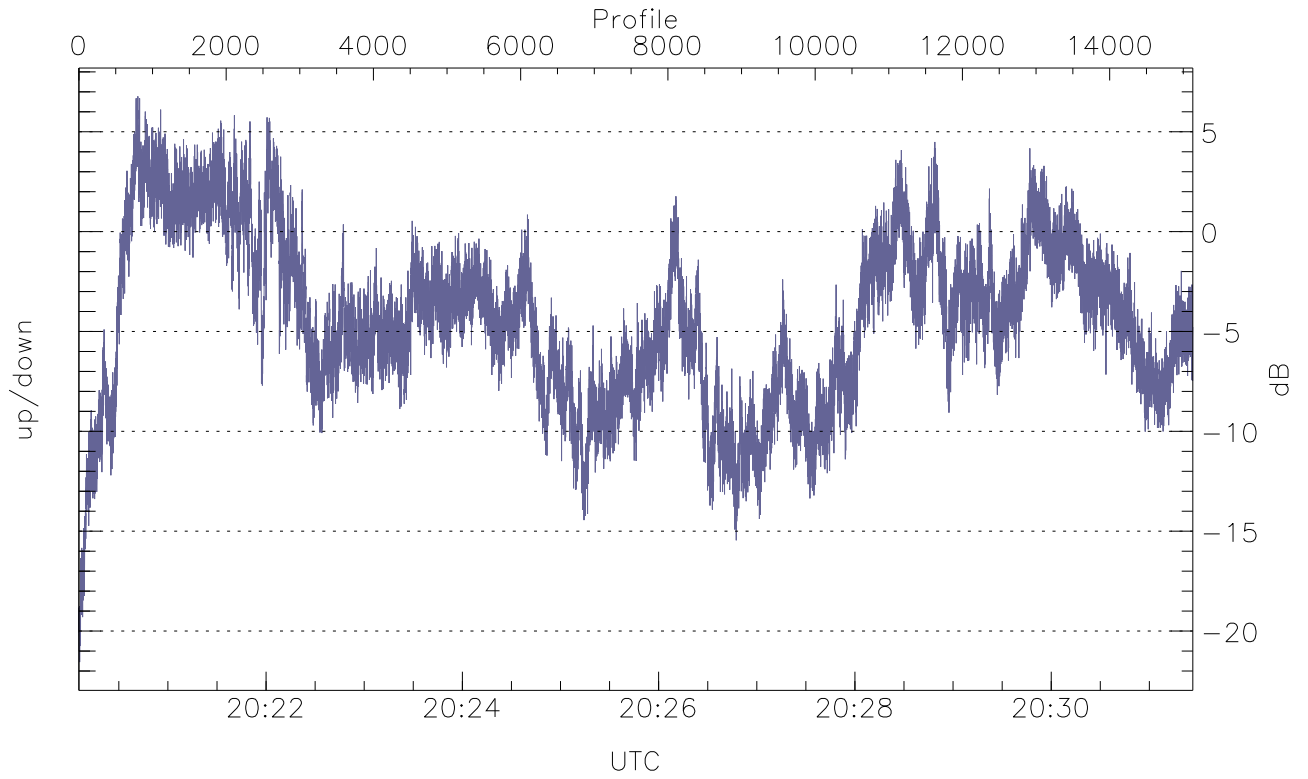


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



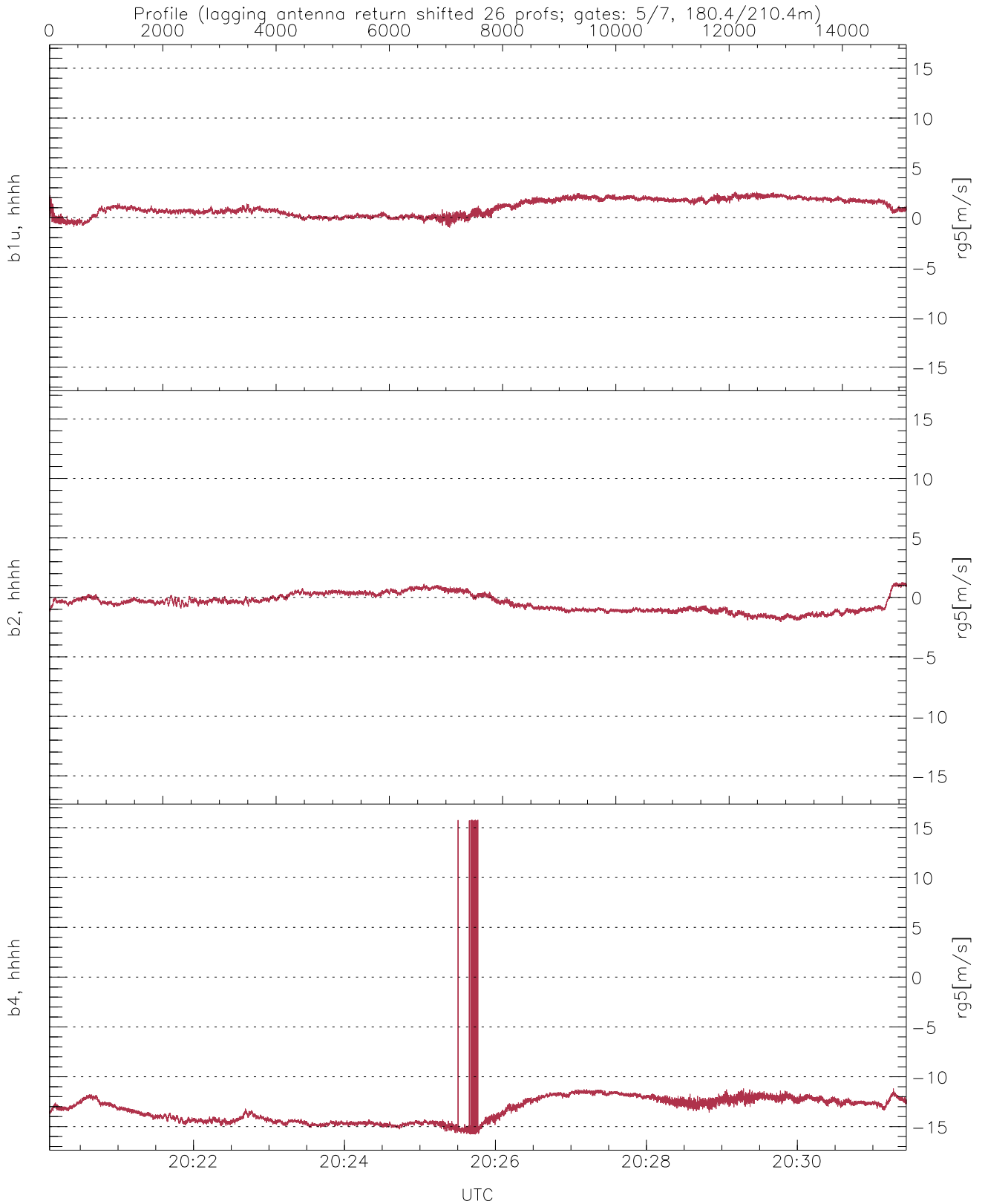
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-62.89	-39.07	-47.25
down(hh[dBm])	-52.95	-37.62	-43.88
down-fore(hh[dBm])	-60.83	-42.27	-49.07



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

	Min	Max	Mean
up/down (dB)	-21.55	6.78	-4.36
down/down-fore (dB)	-2.10	14.22	6.13



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.99	2.62	1.04	0.83
b2, hhhh(rg5[m/s])	-2.07	1.29	-0.48	0.73
b4, hhhh(rg5[m/s])	-15.78	15.78	-13.20	1.88