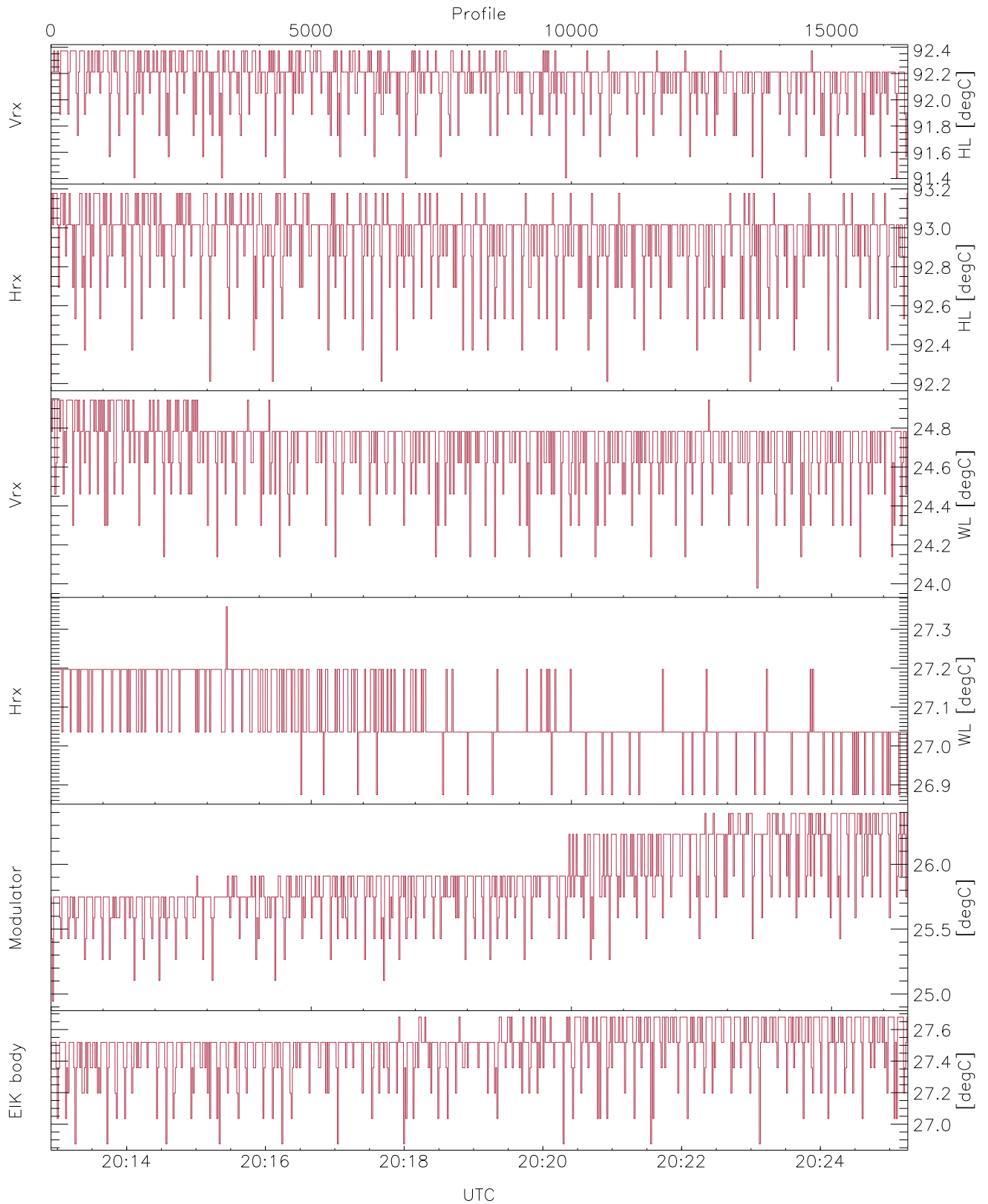


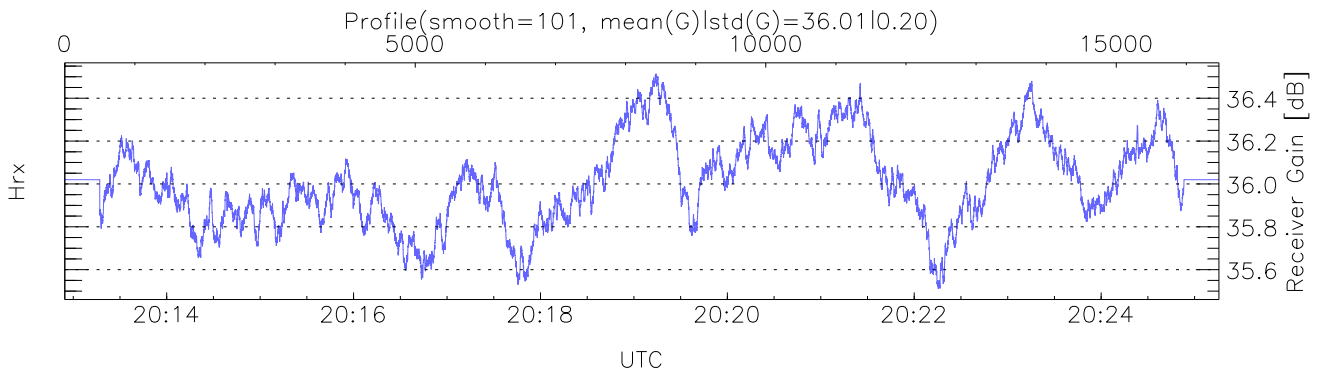
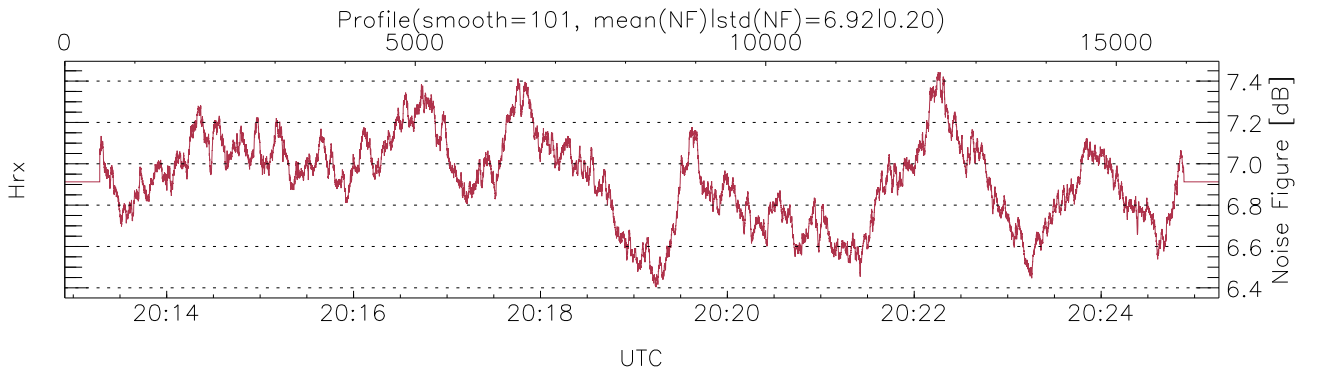
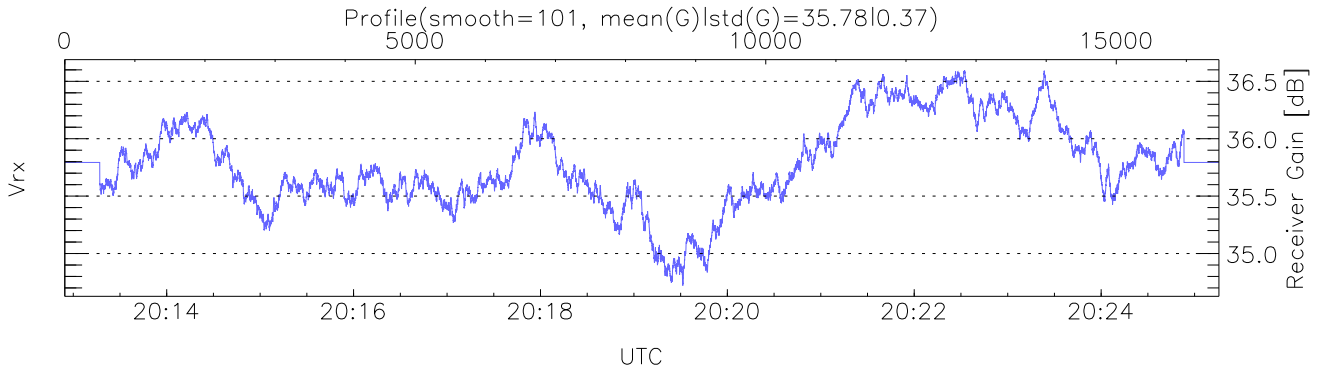
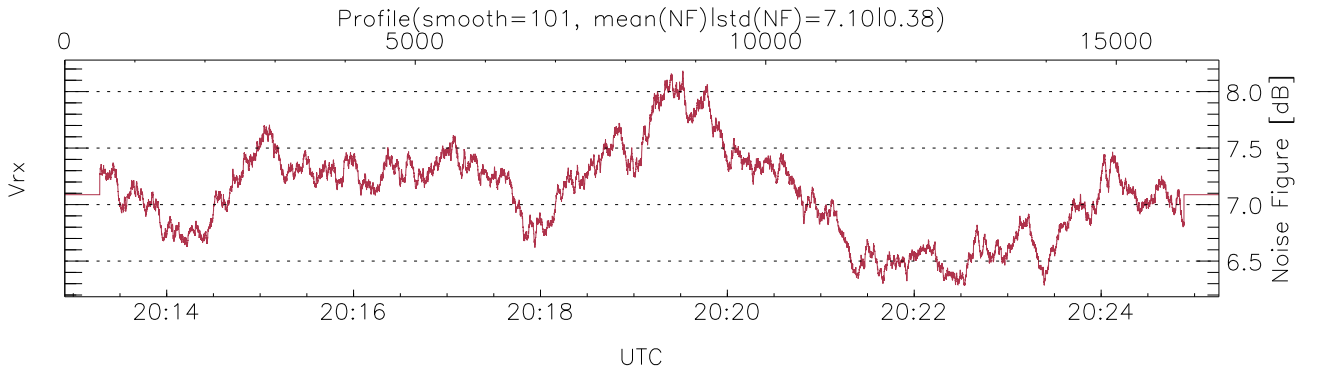
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:12:55-20:25:16, TimeCor: 0.00s, Dur: 741.11s
 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): 16466/16466, 0-16465/20:12:55-20:25:16
 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



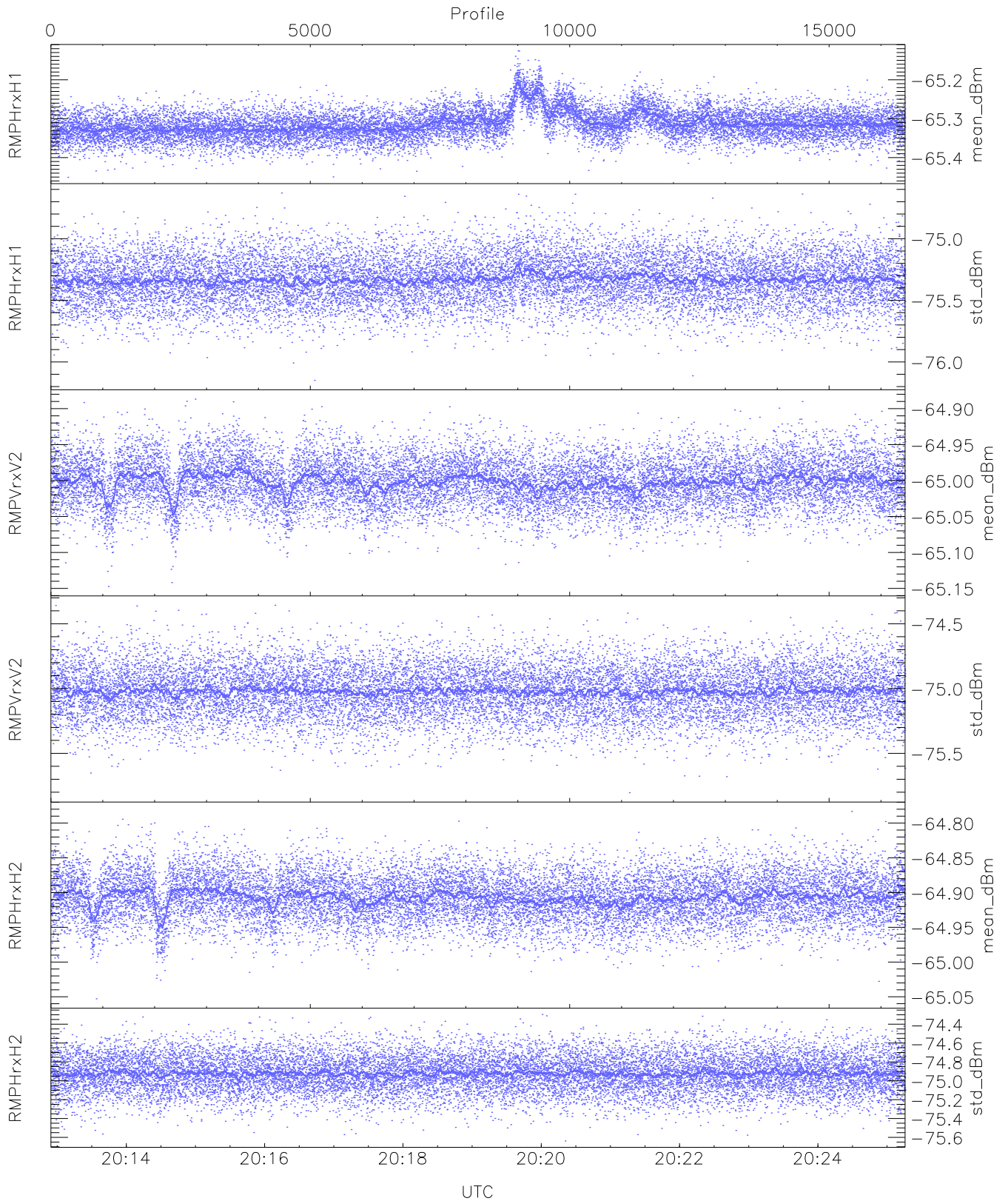
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,24,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,26,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



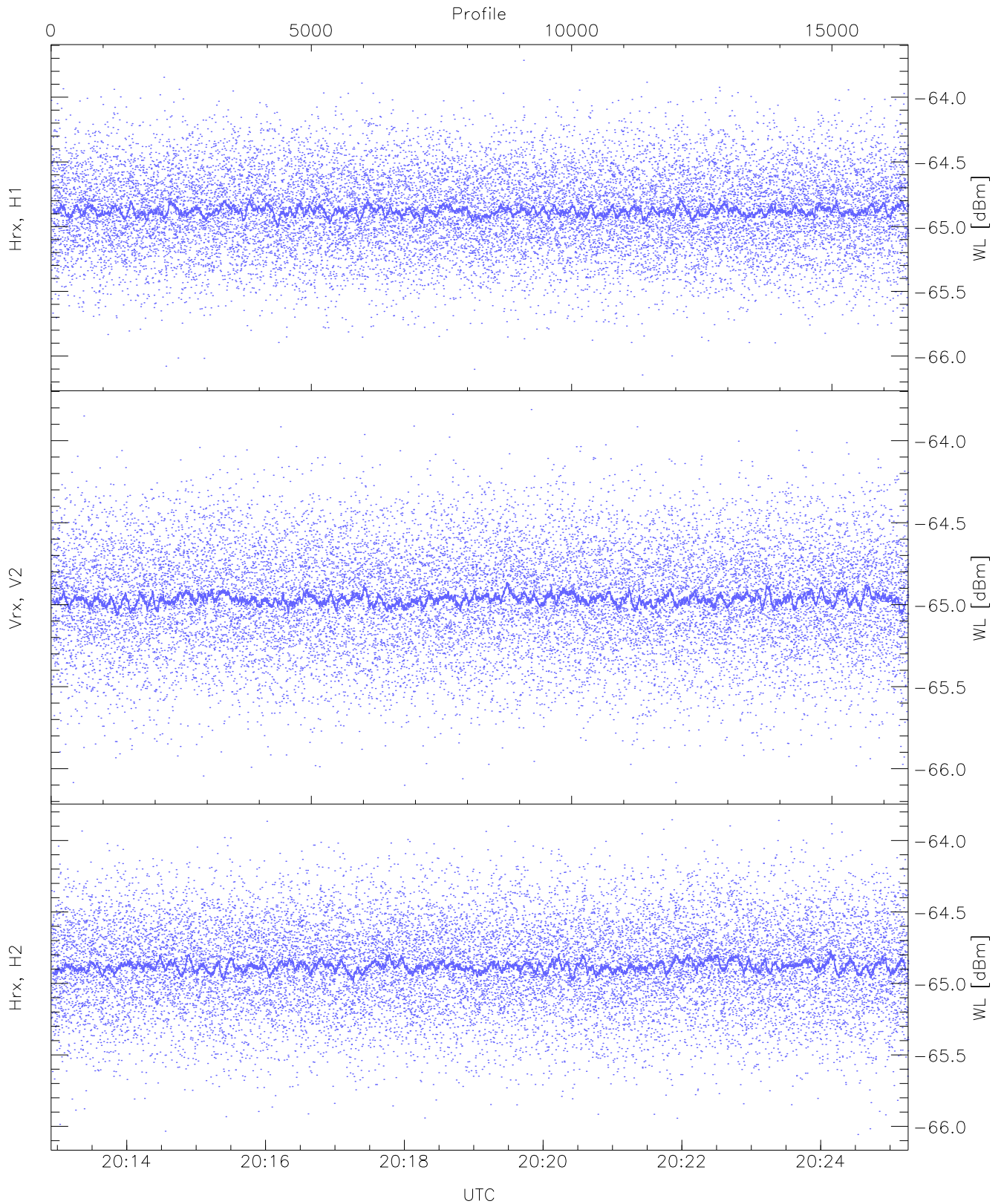
WCR3 CPP Receivers Gain and Noise Figure

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



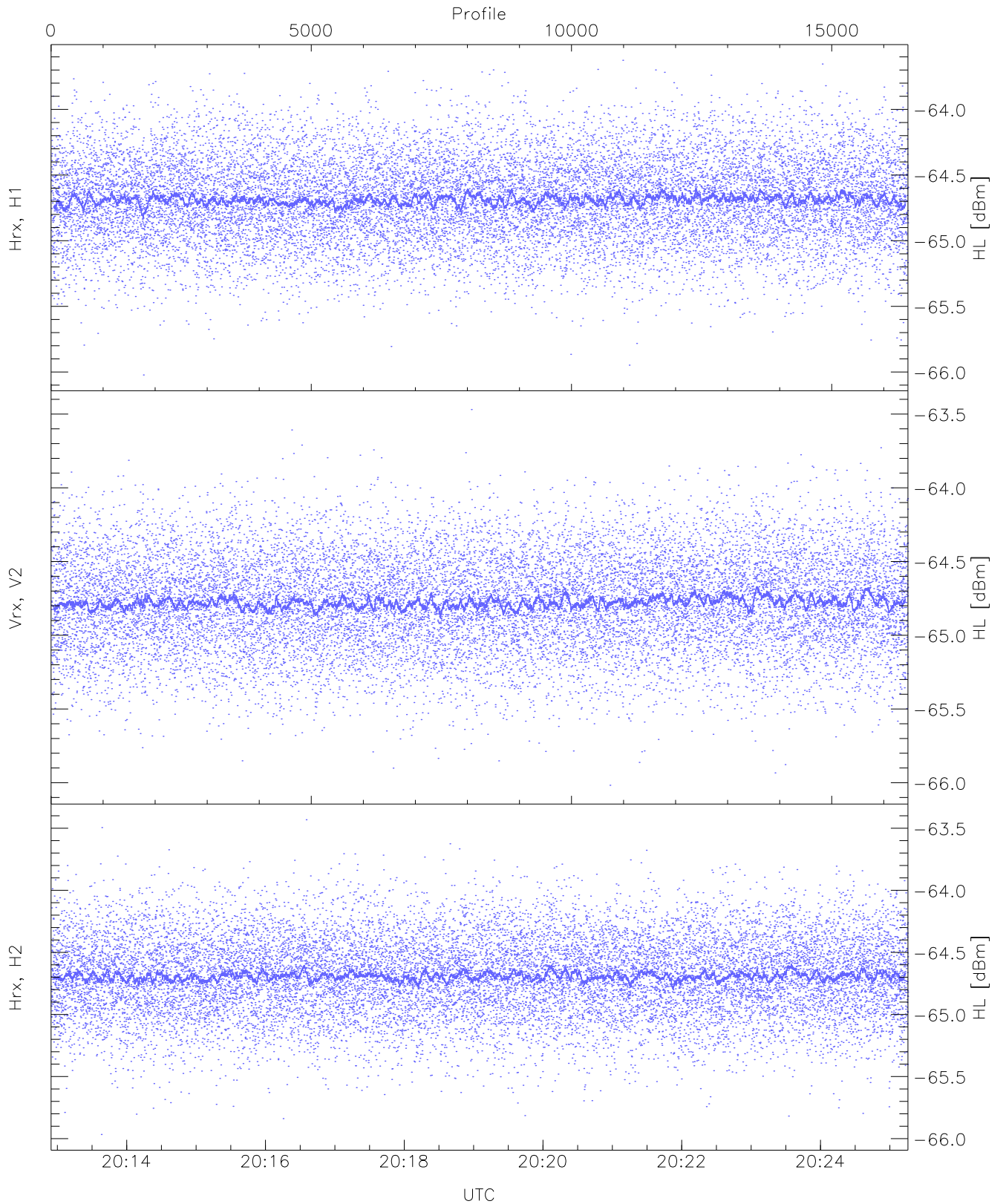
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.13	-65.31	-65.32	-86.04
RMPHrxH1(std_dBm)	-76.15	-74.63	-75.33	-75.33	-89.10
RMPVrxV2(mean_dBm)	-65.15	-64.89	-65.00	-65.00	-86.42
RMPVrxV2(std_dBm)	-75.80	-74.36	-75.02	-75.02	-88.82
RMPHrxH2(mean_dBm)	-65.05	-64.78	-64.91	-64.91	-86.35
RMPHrxH2(std_dBm)	-75.64	-74.30	-74.92	-74.92	-88.74



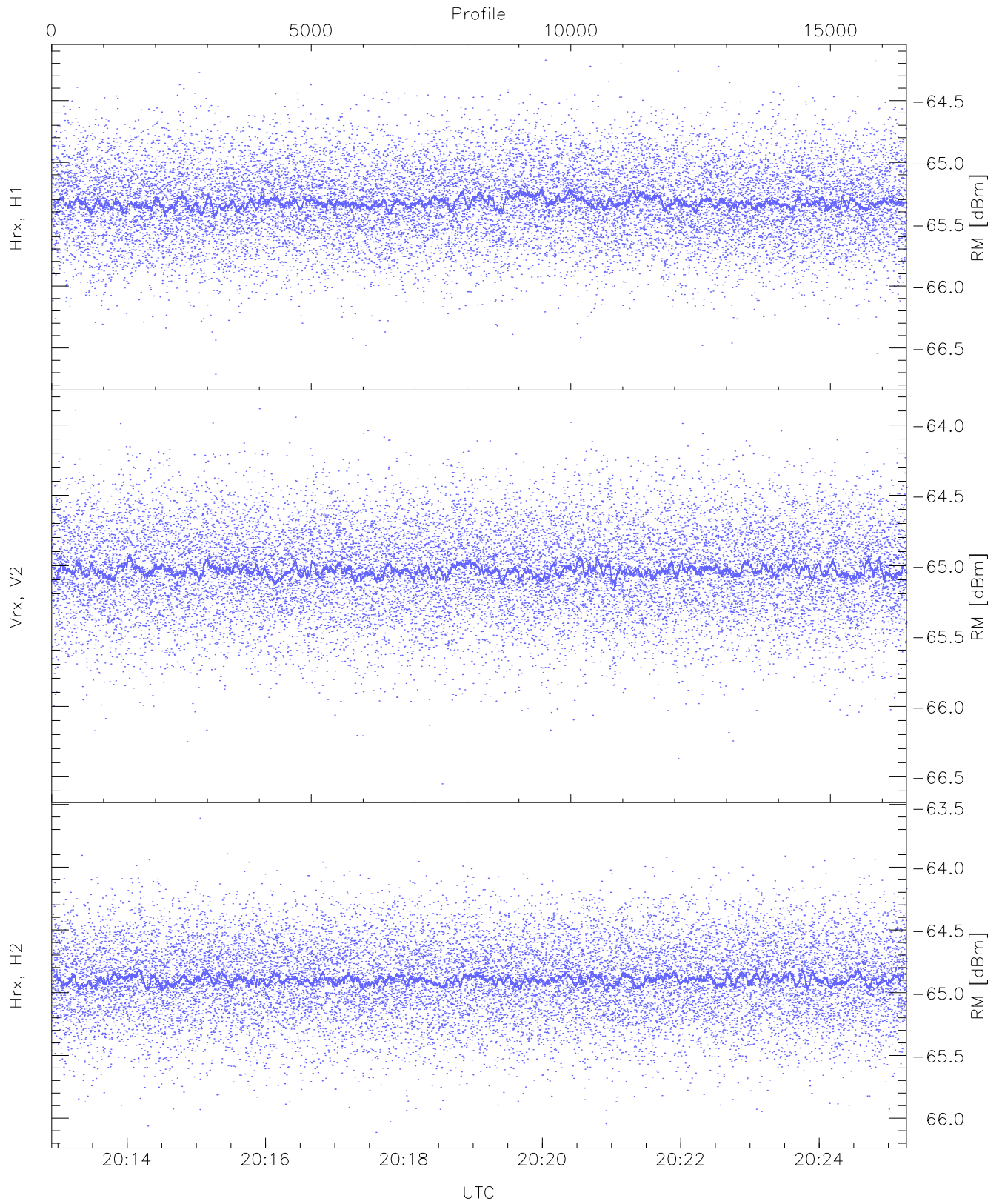
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.15	-63.72	-64.87	-64.88	-76.34
Vrx, V2 (WL [dBm])	-66.10	-63.81	-64.96	-64.97	-76.46
Hrx, H2 (WL [dBm])	-66.06	-63.85	-64.87	-64.88	-76.41



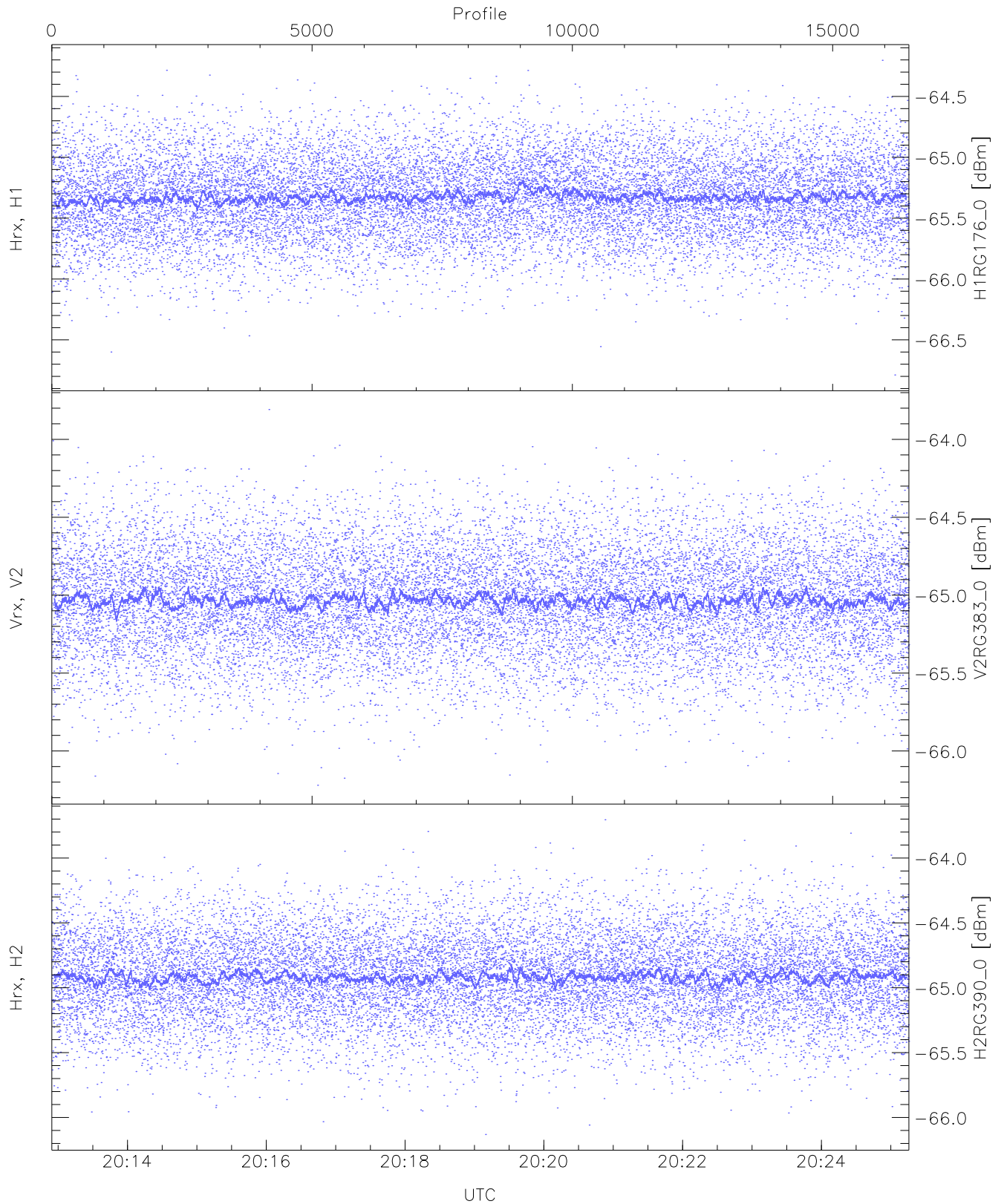
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.02	-63.63	-64.68	-64.69	-76.17
Vrx, V2 (HL [dBm])	-66.02	-63.47	-64.77	-64.78	-76.27
Hrx, H2 (HL [dBm])	-65.97	-63.43	-64.68	-64.69	-76.19



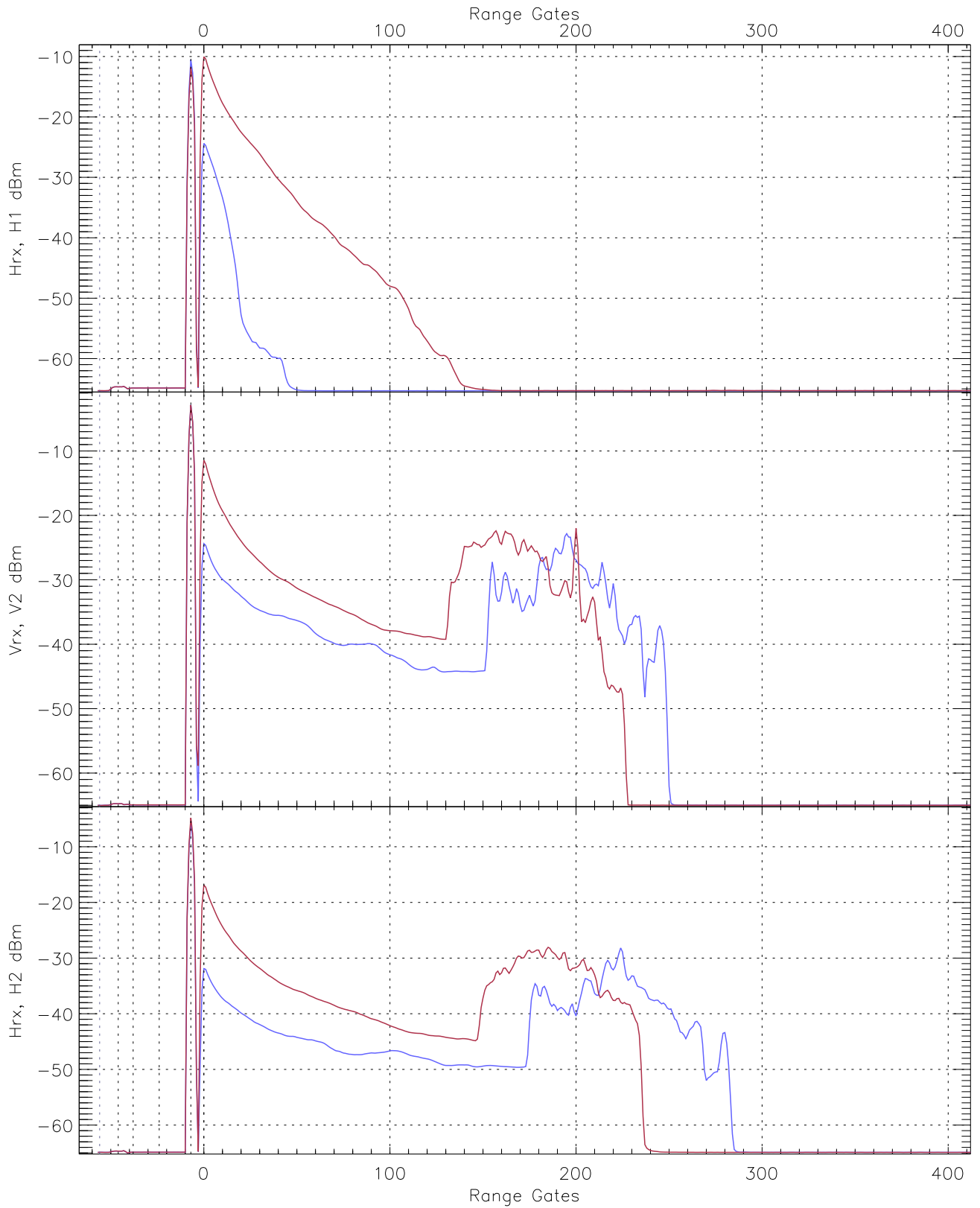
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.17	-65.32	-65.33	-76.82
Vrx, V2 (RM [dBm])	-66.55	-63.88	-65.03	-65.04	-76.48
Hrx, H2 (RM [dBm])	-66.11	-63.61	-64.89	-64.90	-76.40

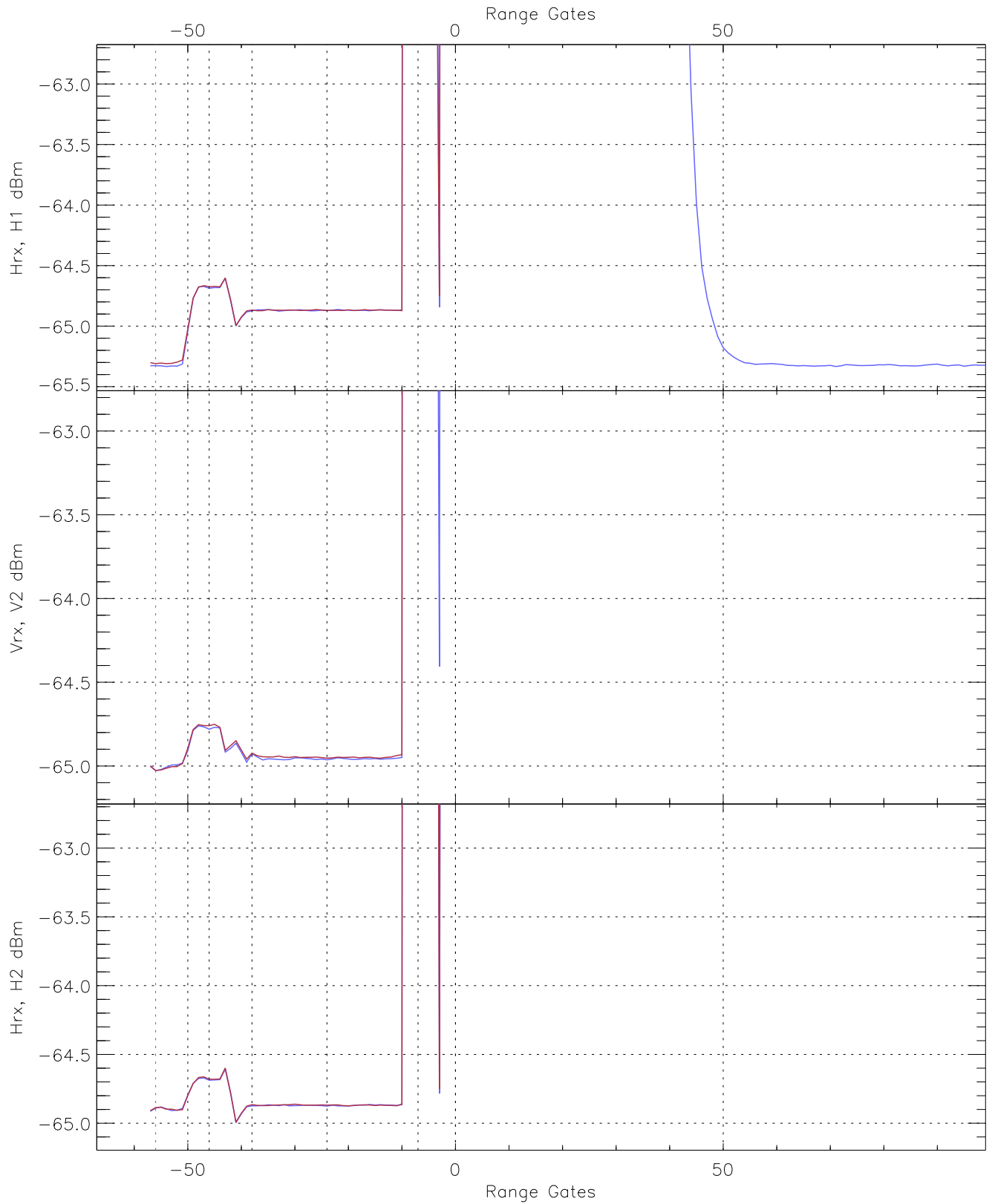


WCR3 CPP "Best" estimate Receivers Noise Power

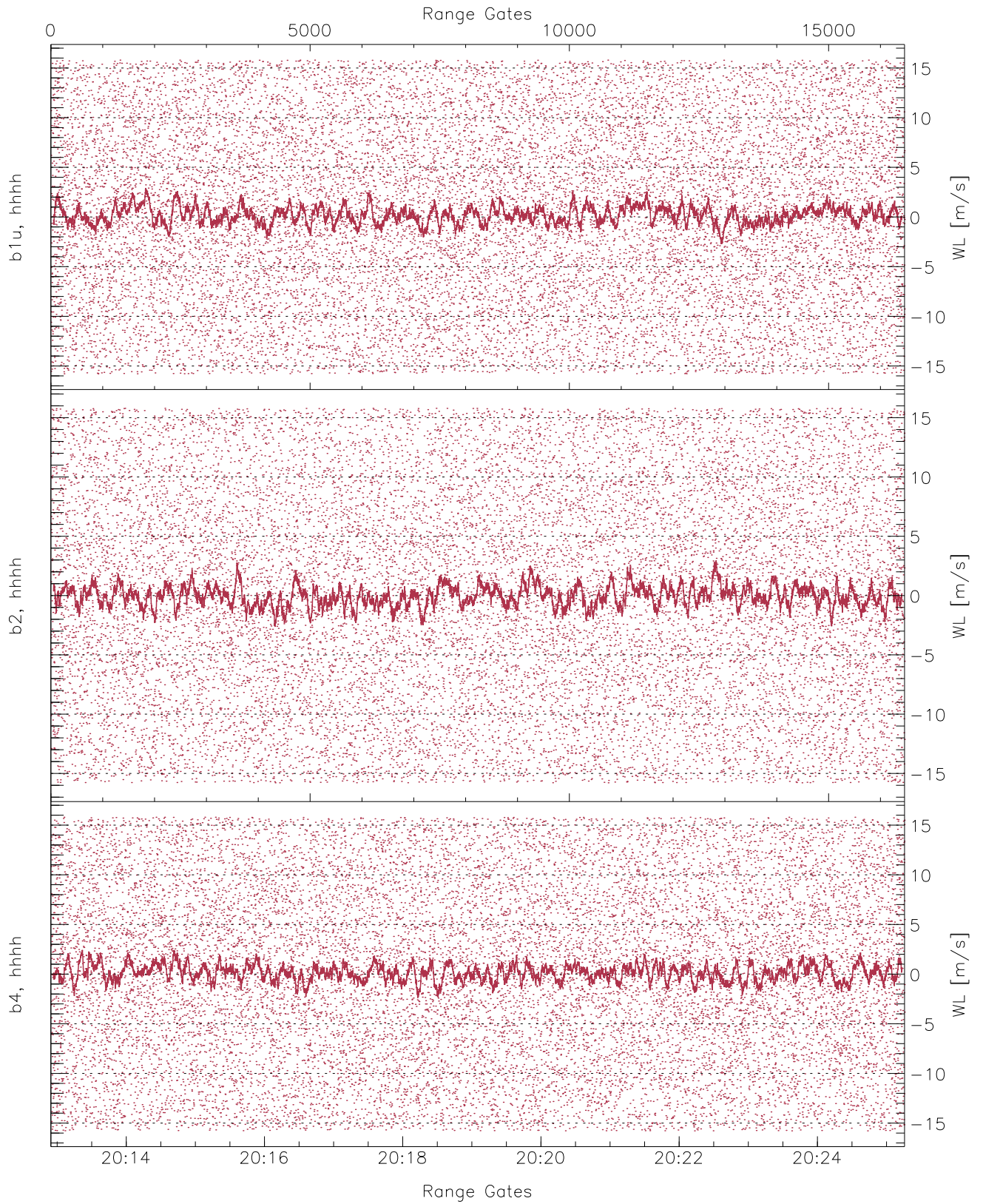
	Min	Max	Mean	Median	StDev
H1RG176_0 [dBm]	-66.79	-64.20	-65.32	-65.33	-76.83
V2RG383_0 [dBm]	-66.22	-63.81	-65.03	-65.03	-76.57
H2RG390_0 [dBm]	-66.13	-63.71	-64.91	-64.92	-76.47



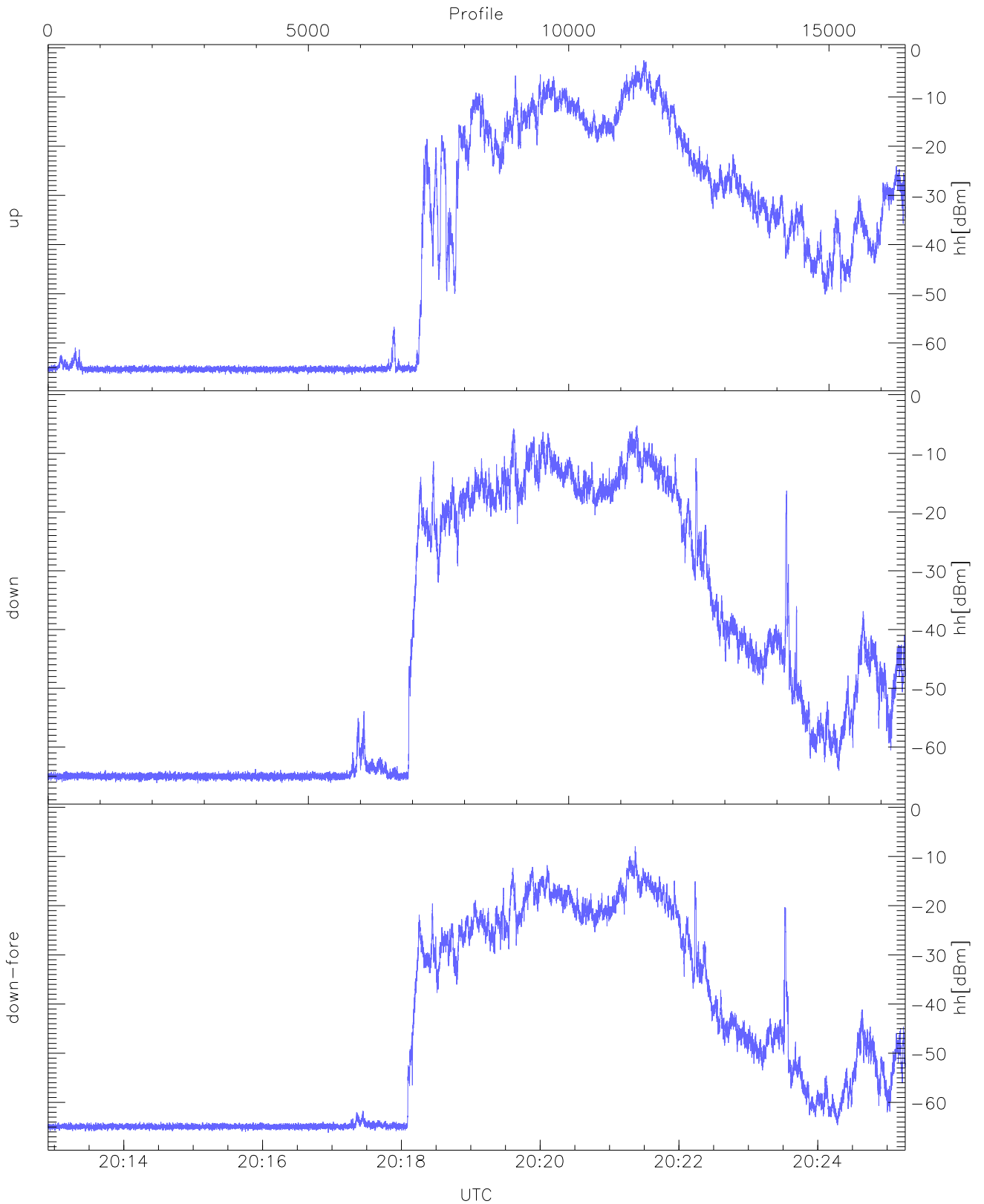
WCR3 CPP Averaged Received power for all recorded gates
blue: 201255-201905, 8234 profiles averaged
red: 201905-202516, 8233 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 201255-201905, 8234 profiles averaged
red: 201905-202516, 8233 profiles averaged

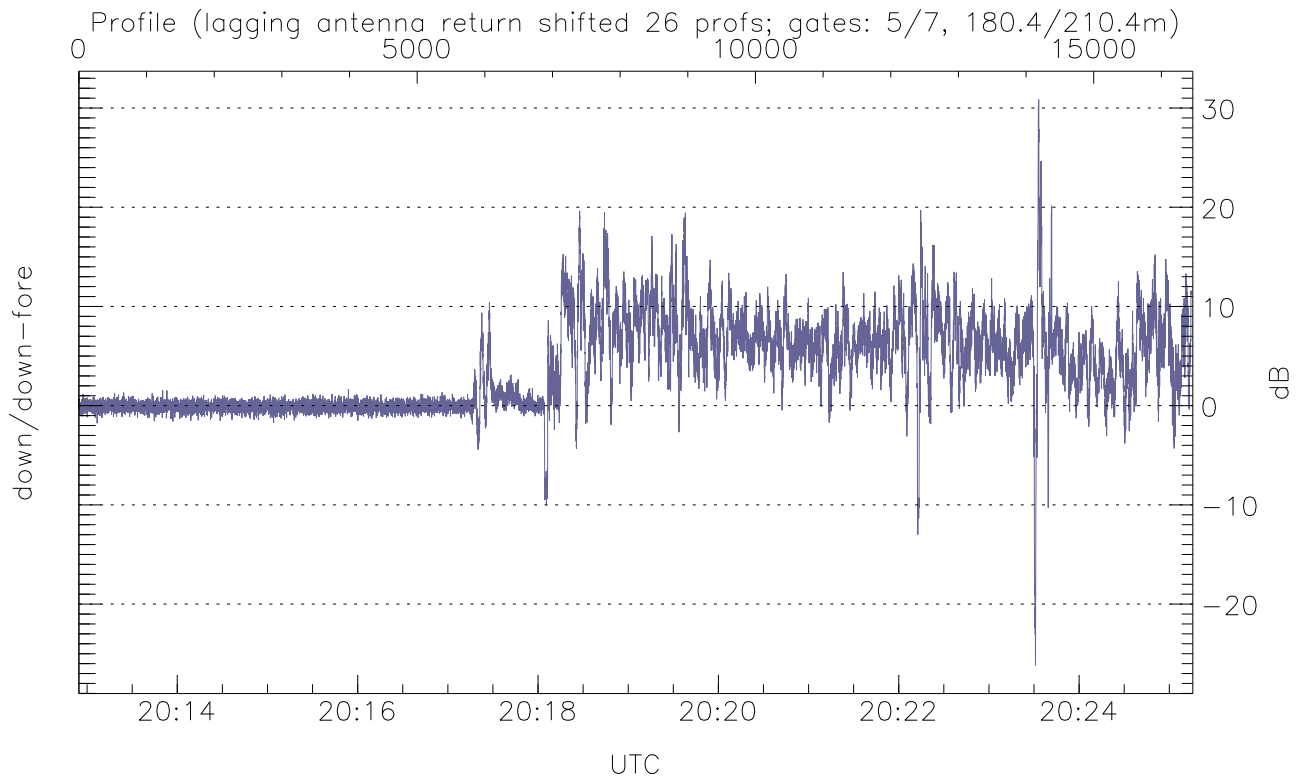
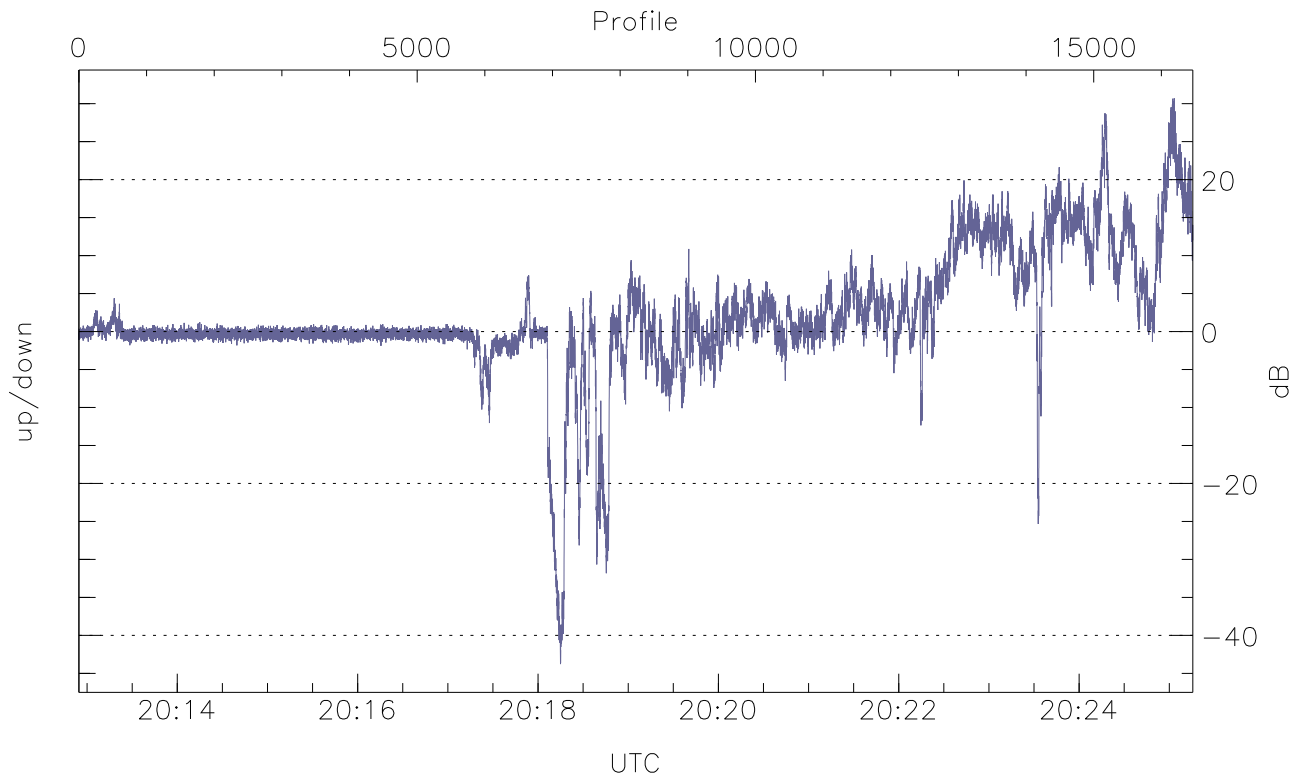


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



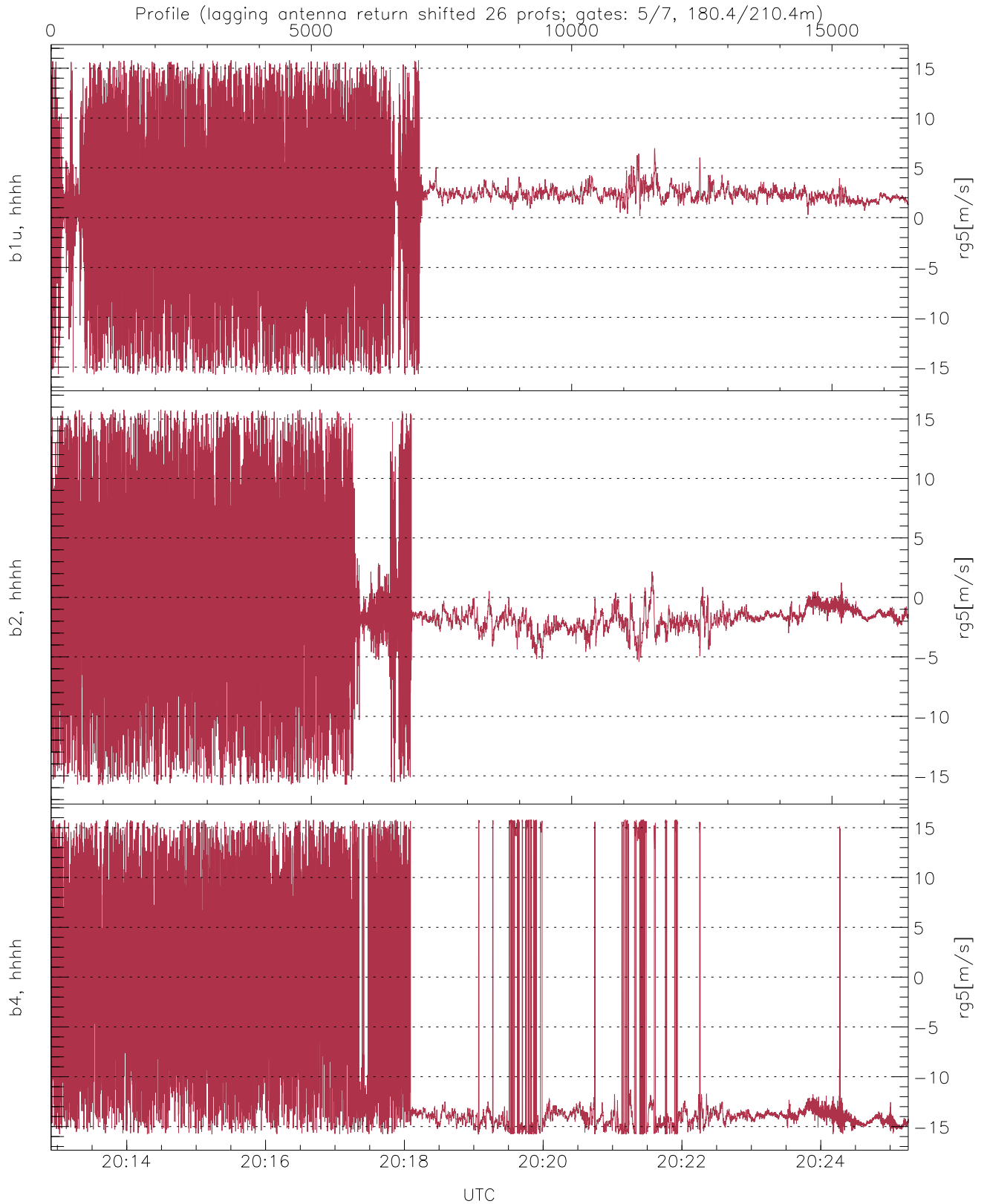
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.52	-2.54	-16.98
down(hh[dBm])	-66.18	-5.29	-18.64
down-fore(hh[dBm])	-66.17	-7.91	-23.74



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

	Min	Max	Mean
up/down (dB)	-43.78	30.70	2.07
down/down-fore (dB)	-26.17	30.86	3.77



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.47	5.42
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.09	5.20
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.41	9.81