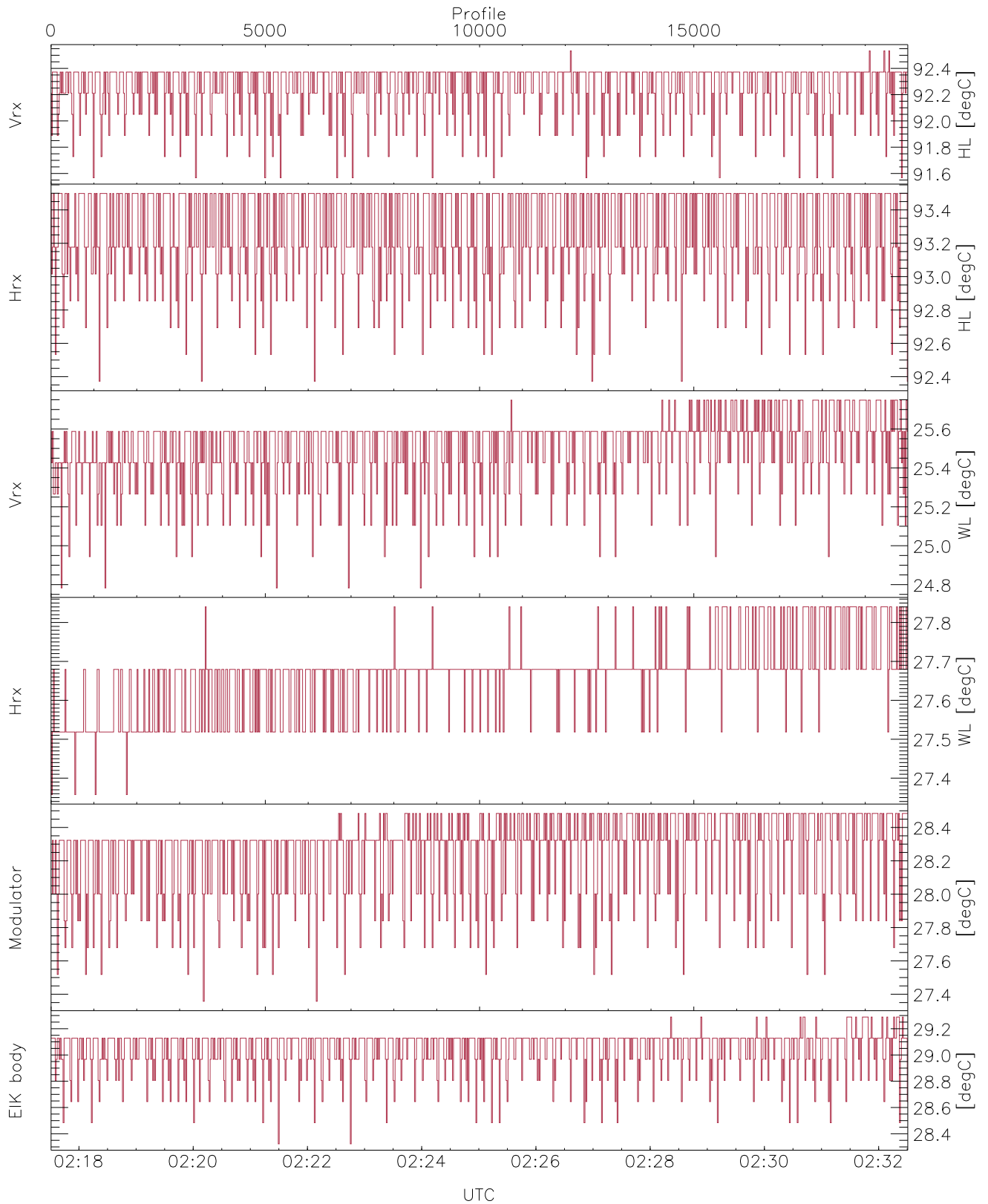


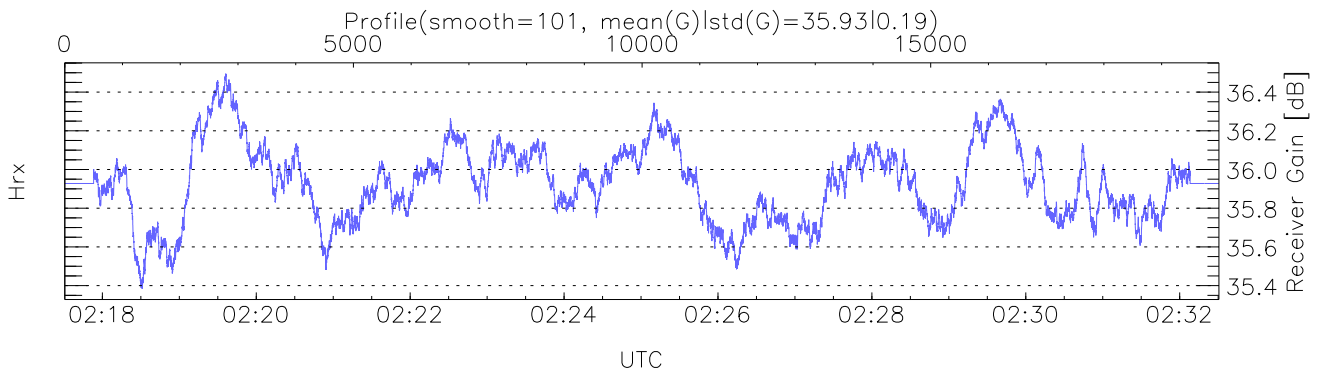
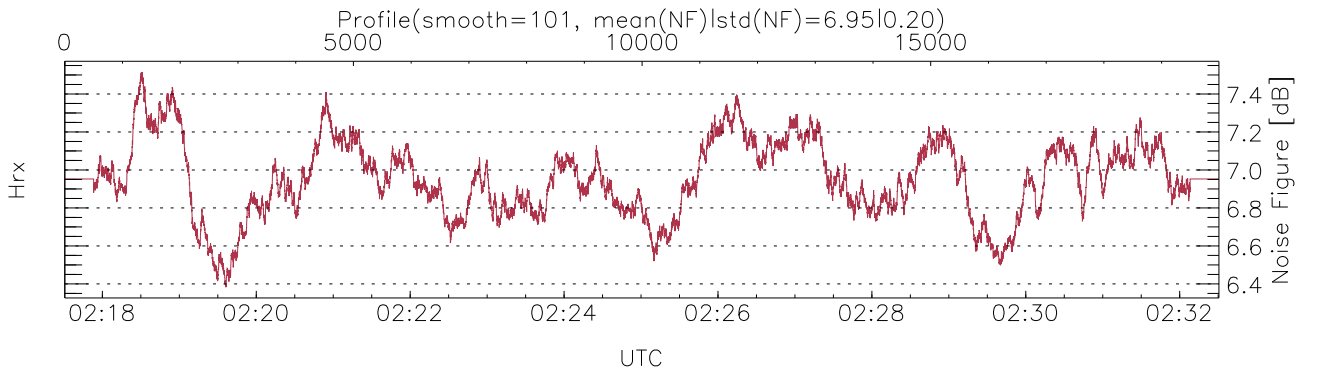
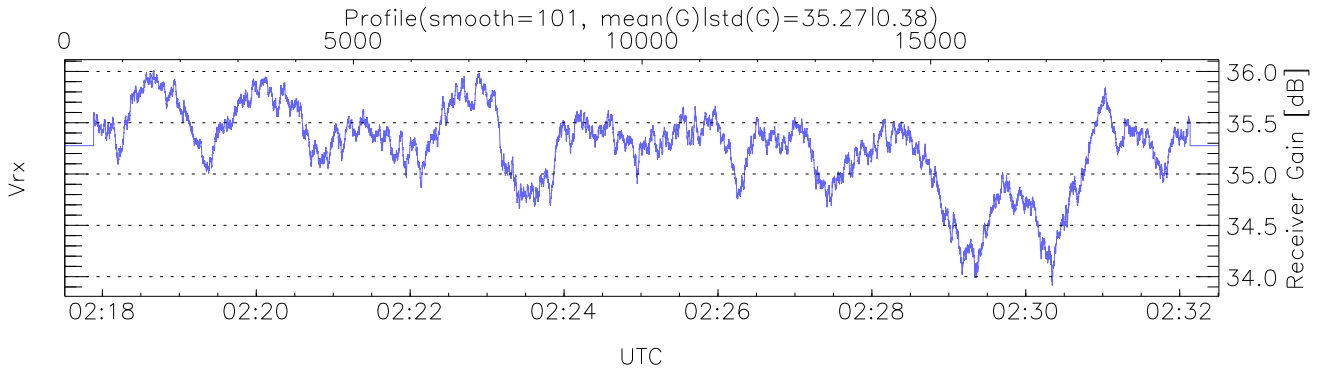
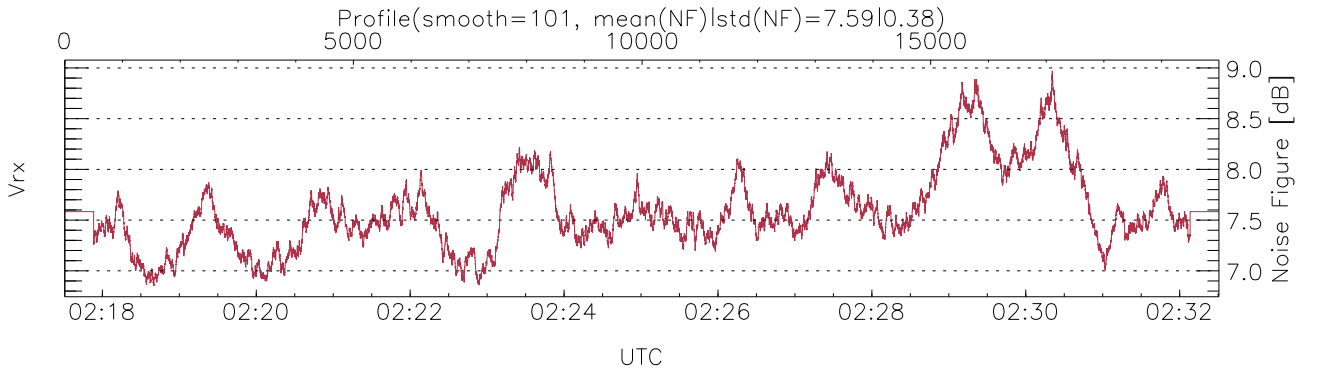
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:17:31-02:32:31, TimeCor: 0.00s, Dur: 899.91s
 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): 19994/19994, 0-19993/02:17:31-02:32:31
 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



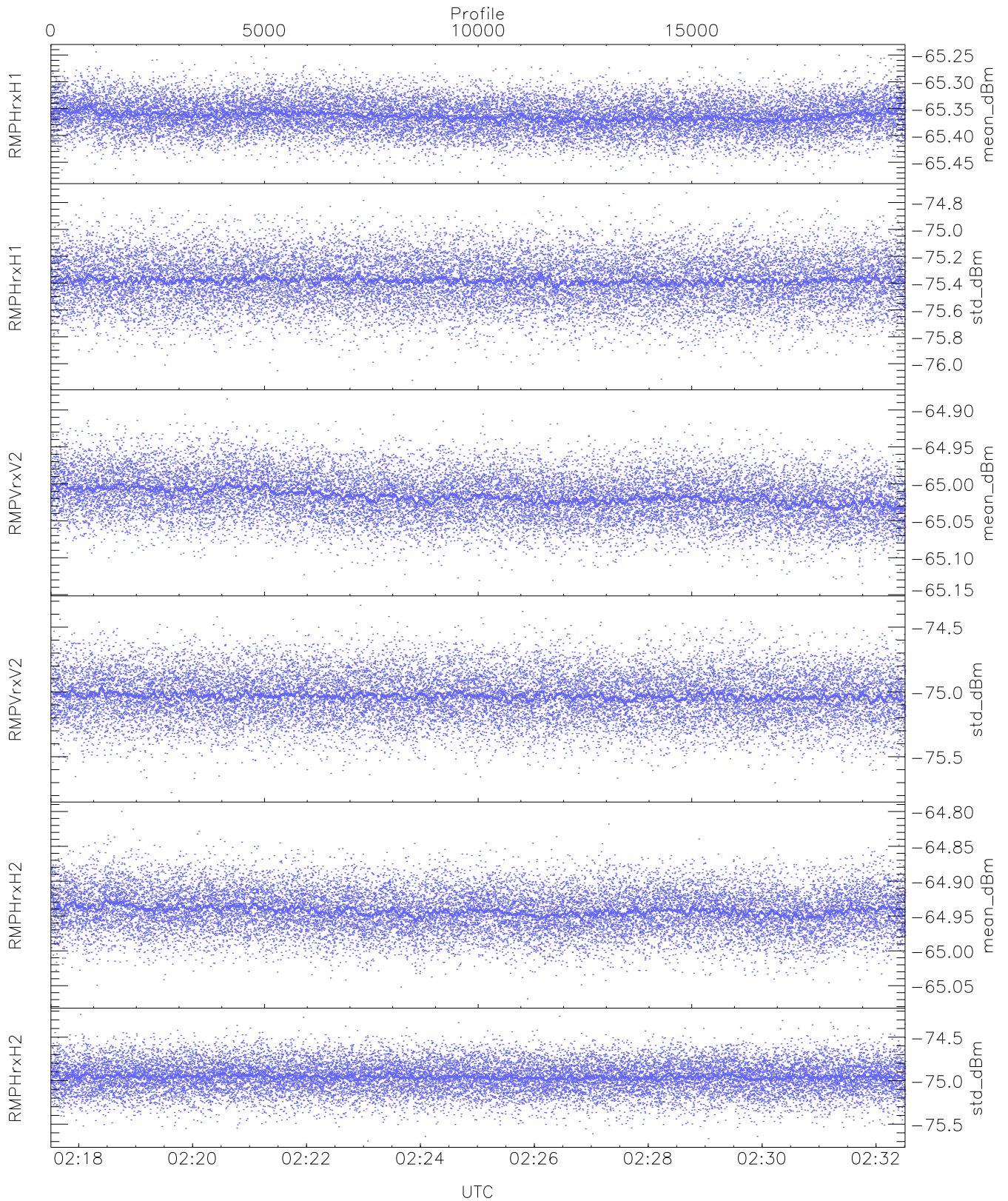
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,28,29
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



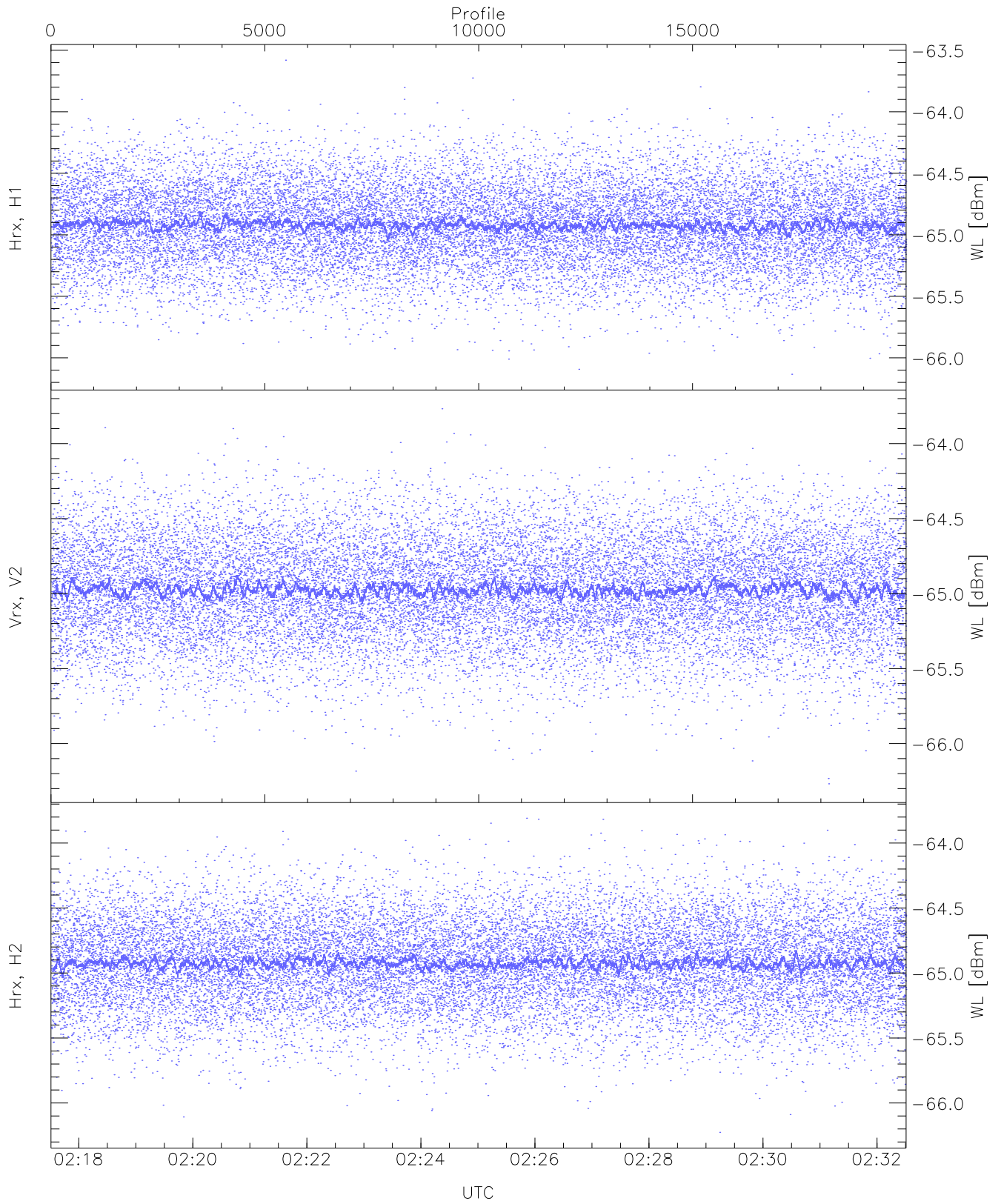
WCR3 CPP Receivers Gain and Noise Figure

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



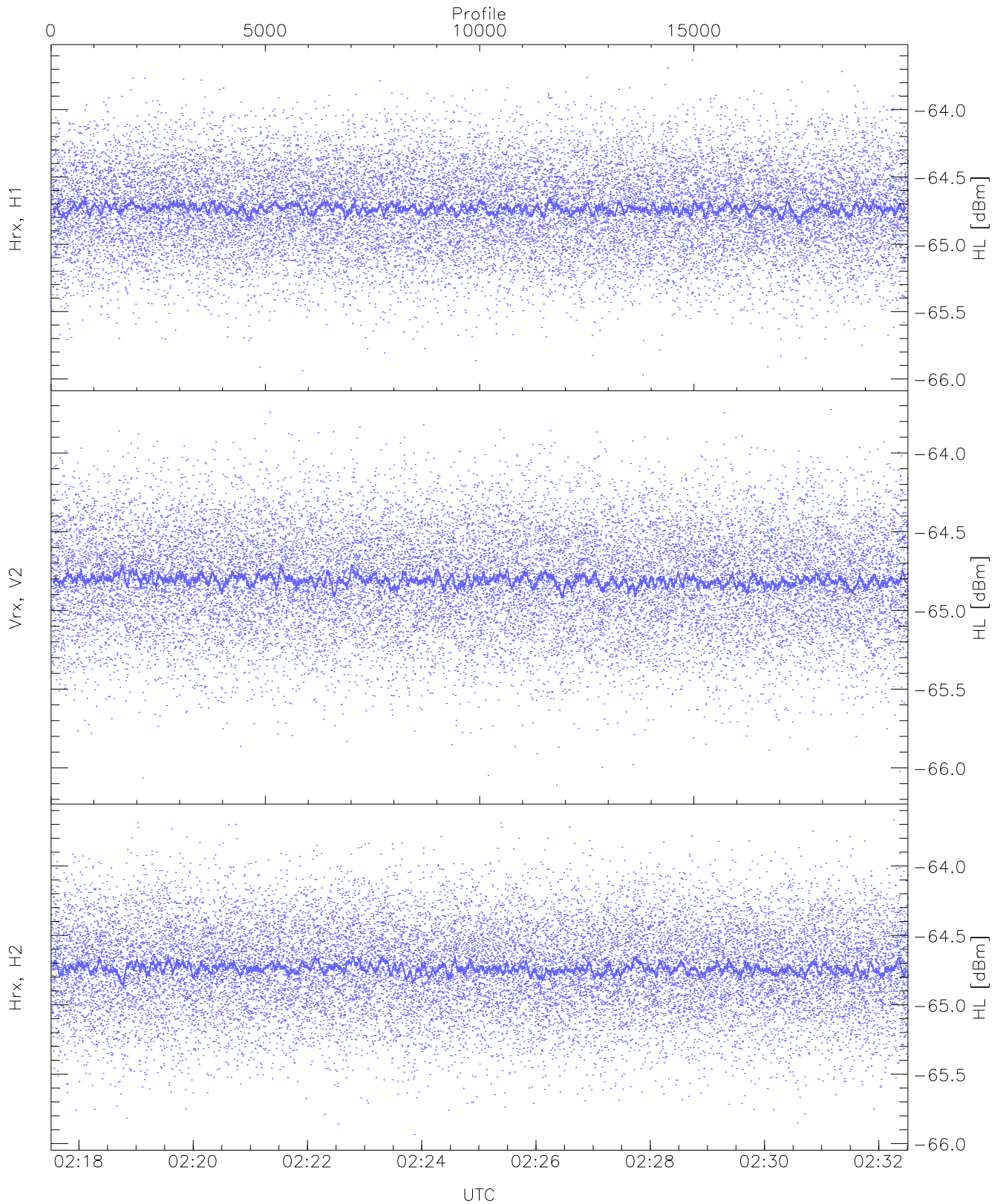
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.24	-65.36	-65.36	-86.90
RMPHrxH1(std_dBm)	-76.12	-74.73	-75.38	-75.38	-89.23
RMPVrxV2(mean_dBm)	-65.14	-64.89	-65.02	-65.02	-86.47
RMPVrxV2(std_dBm)	-75.78	-74.33	-75.03	-75.03	-88.78
RMPHrxH2(mean_dBm)	-65.07	-64.80	-64.94	-64.94	-86.47
RMPHrxH2(std_dBm)	-75.69	-74.24	-74.96	-74.96	-88.78



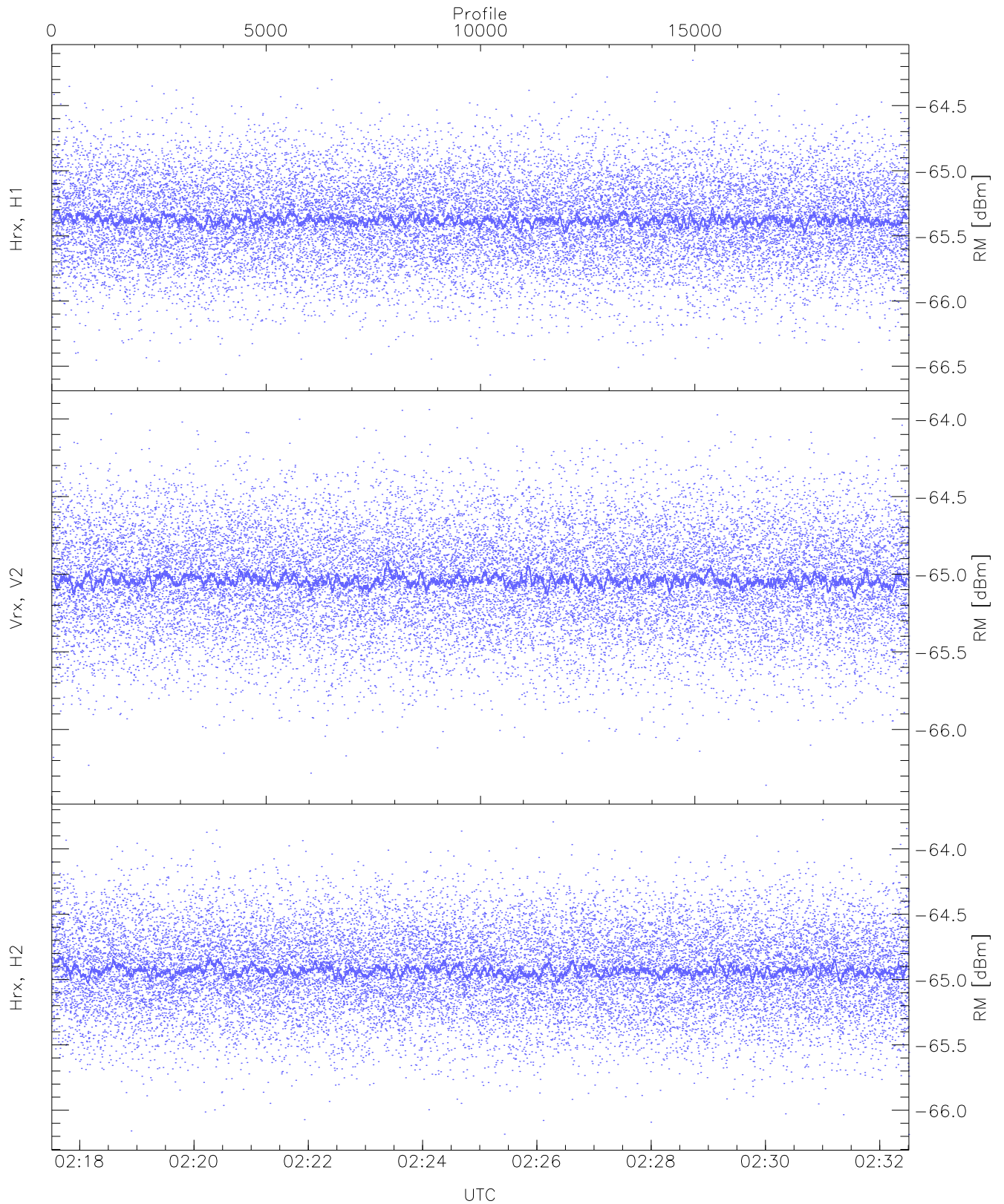
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.13	-63.58	-64.91	-64.92	-76.46
Vrx, V2 (WL [dBm])	-66.27	-63.77	-64.97	-64.97	-76.48
Hrx, H2 (WL [dBm])	-66.23	-63.81	-64.92	-64.92	-76.44



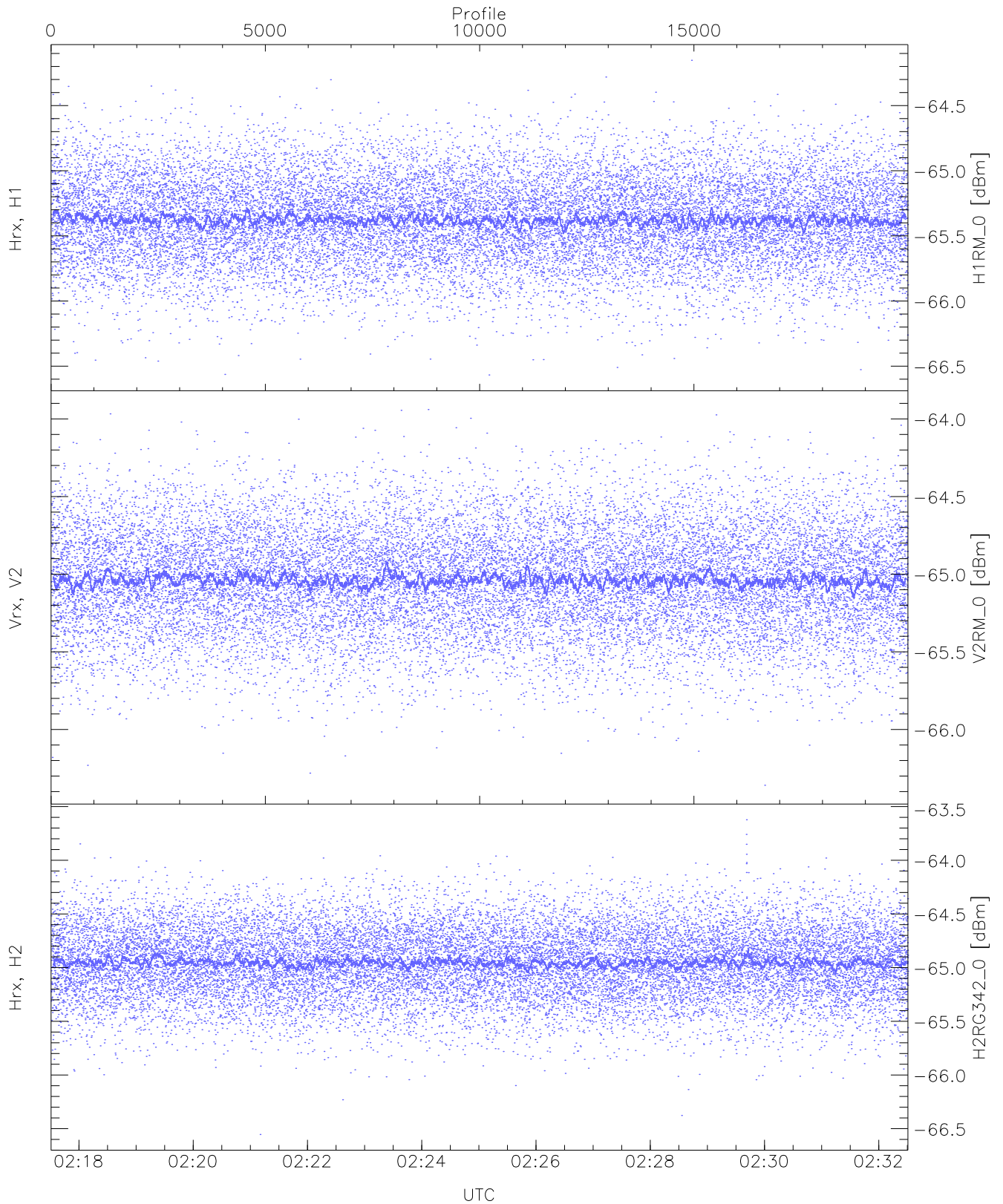
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.97	-63.63	-64.73	-64.73	-76.27
Vrx, V2 (HL [dBm])	-66.11	-63.72	-64.80	-64.81	-76.30
Hrx, H2 (HL [dBm])	-65.93	-63.67	-64.73	-64.74	-76.24



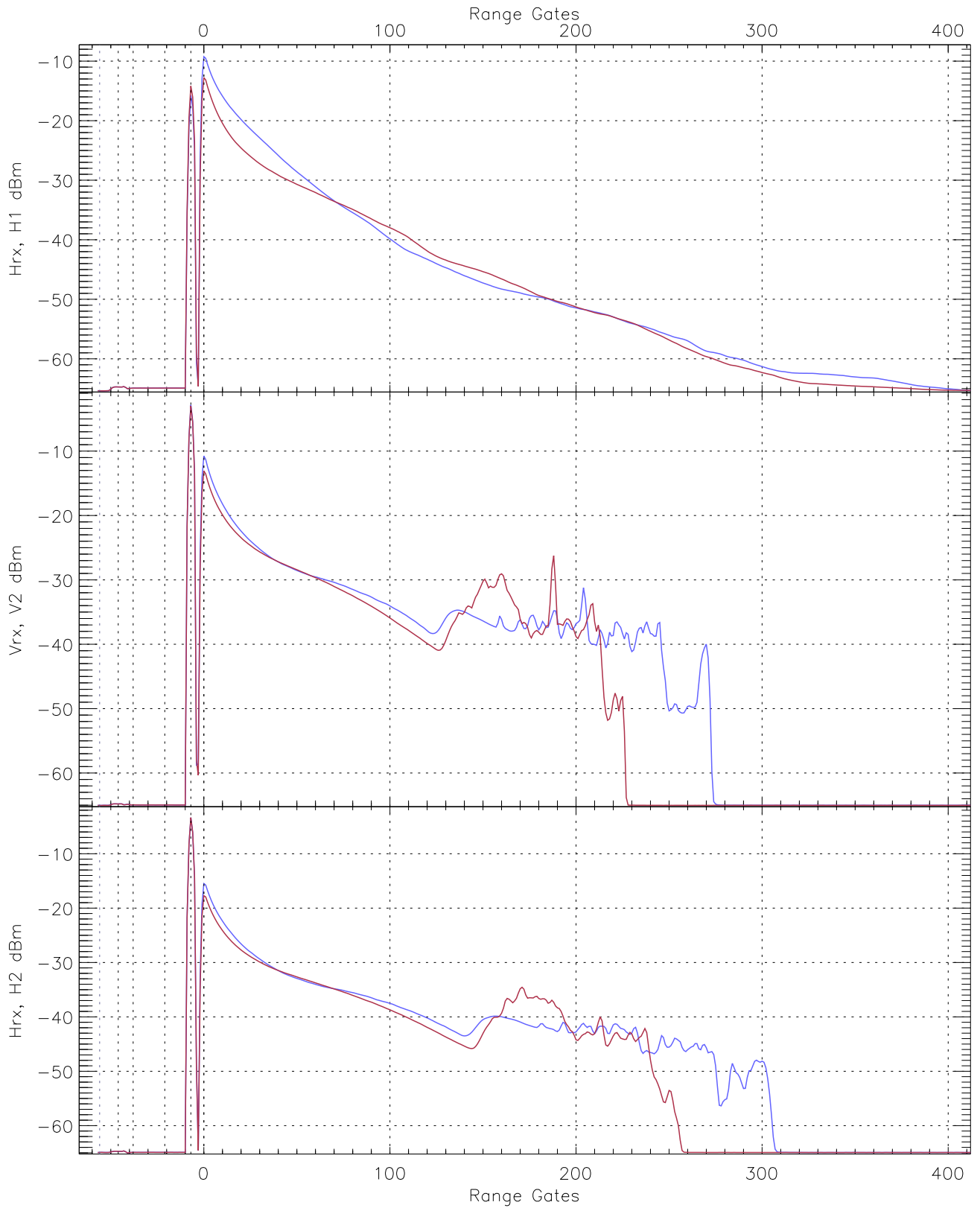
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.57	-64.15	-65.37	-65.38	-76.91
Vrx, V2 (RM [dBm])	-66.36	-63.94	-65.03	-65.04	-76.55
Hrx, H2 (RM [dBm])	-66.19	-63.78	-64.92	-64.93	-76.45

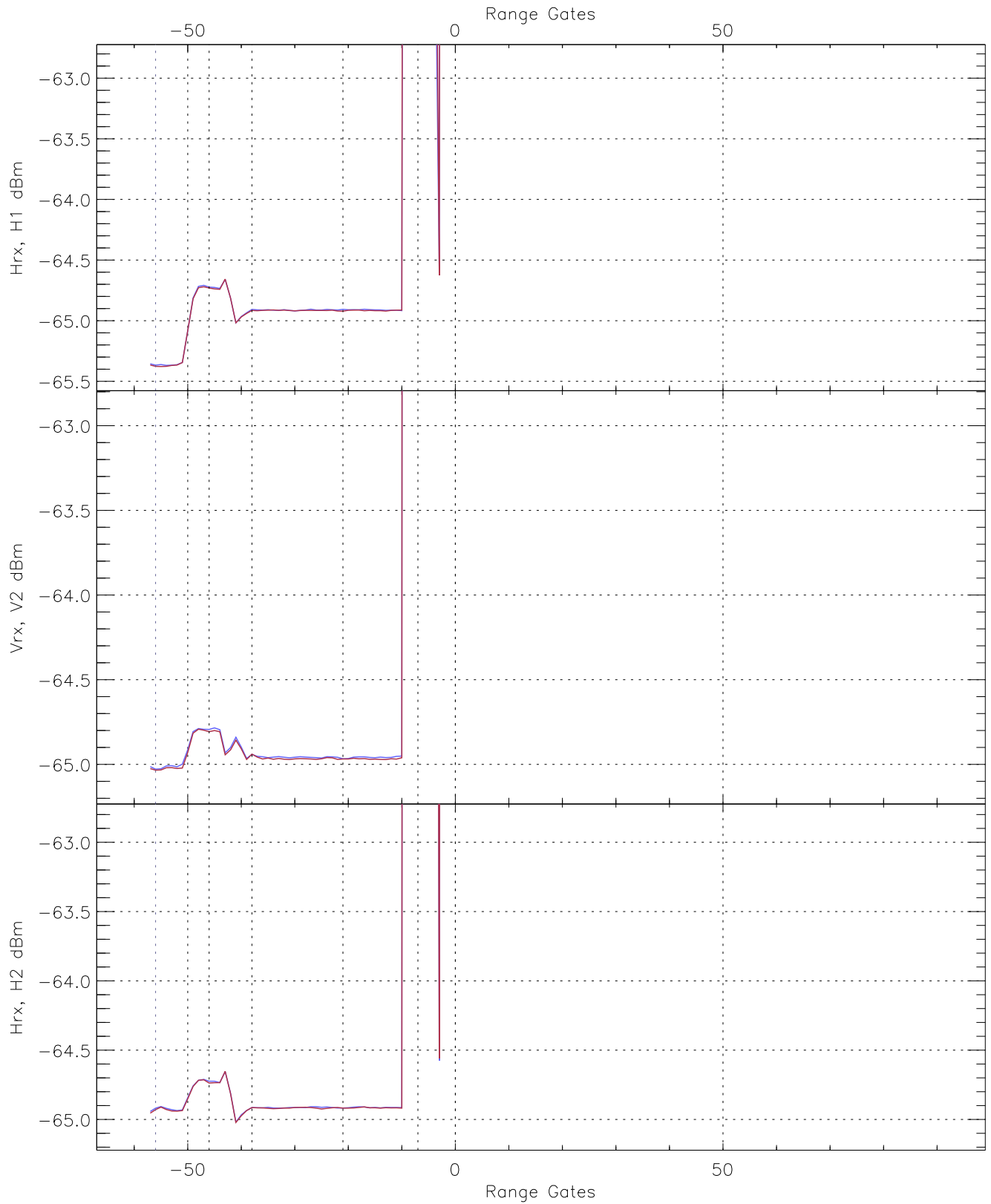


WCR3 CPP "Best" estimate Receivers Noise Power

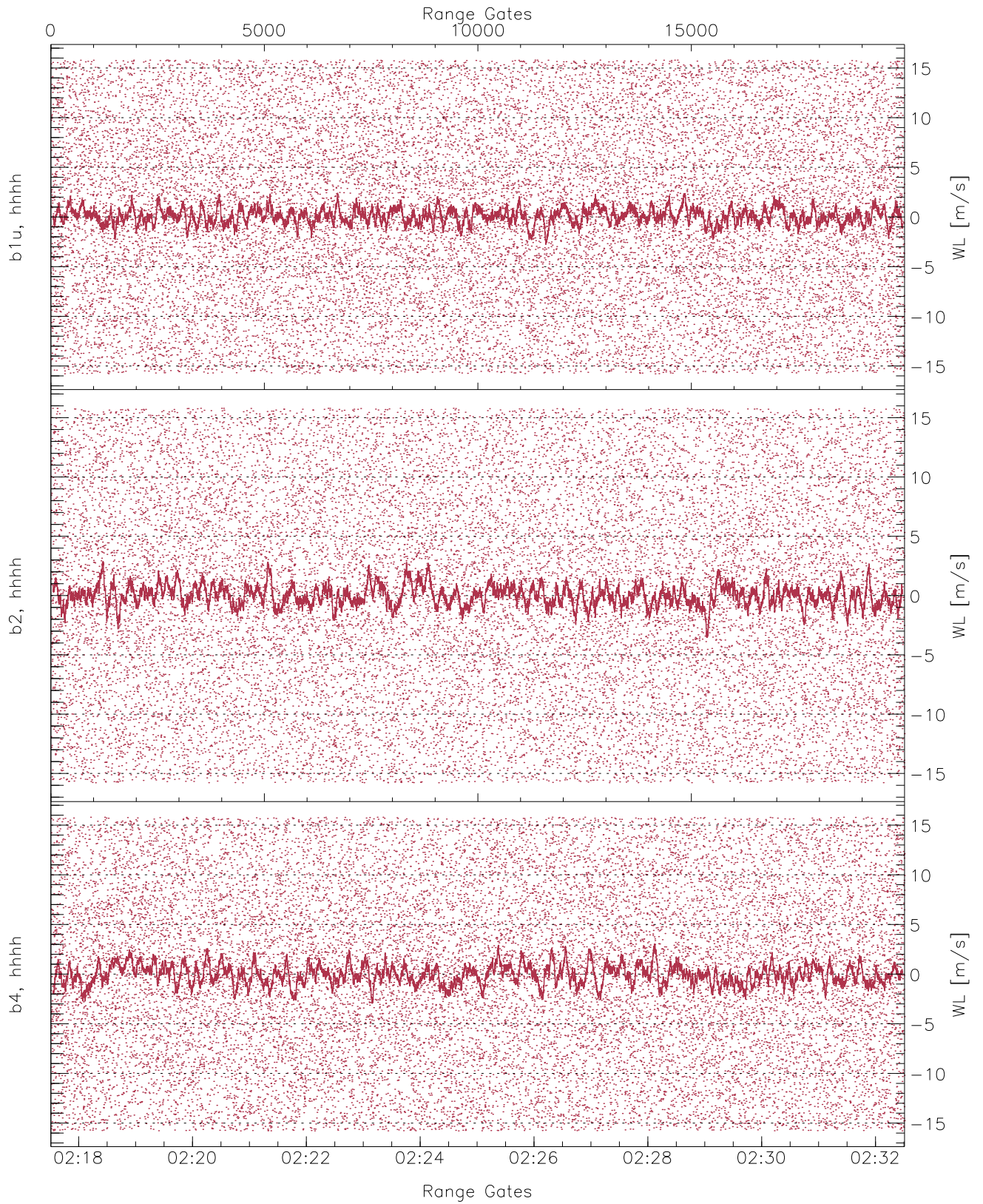
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.57	-64.15	-65.37	-65.38	-76.91
V2RM_0 [dBm]	-66.36	-63.94	-65.03	-65.04	-76.55
H2RG342_0 [dBm]	-66.55	-63.62	-64.95	-64.95	-76.45



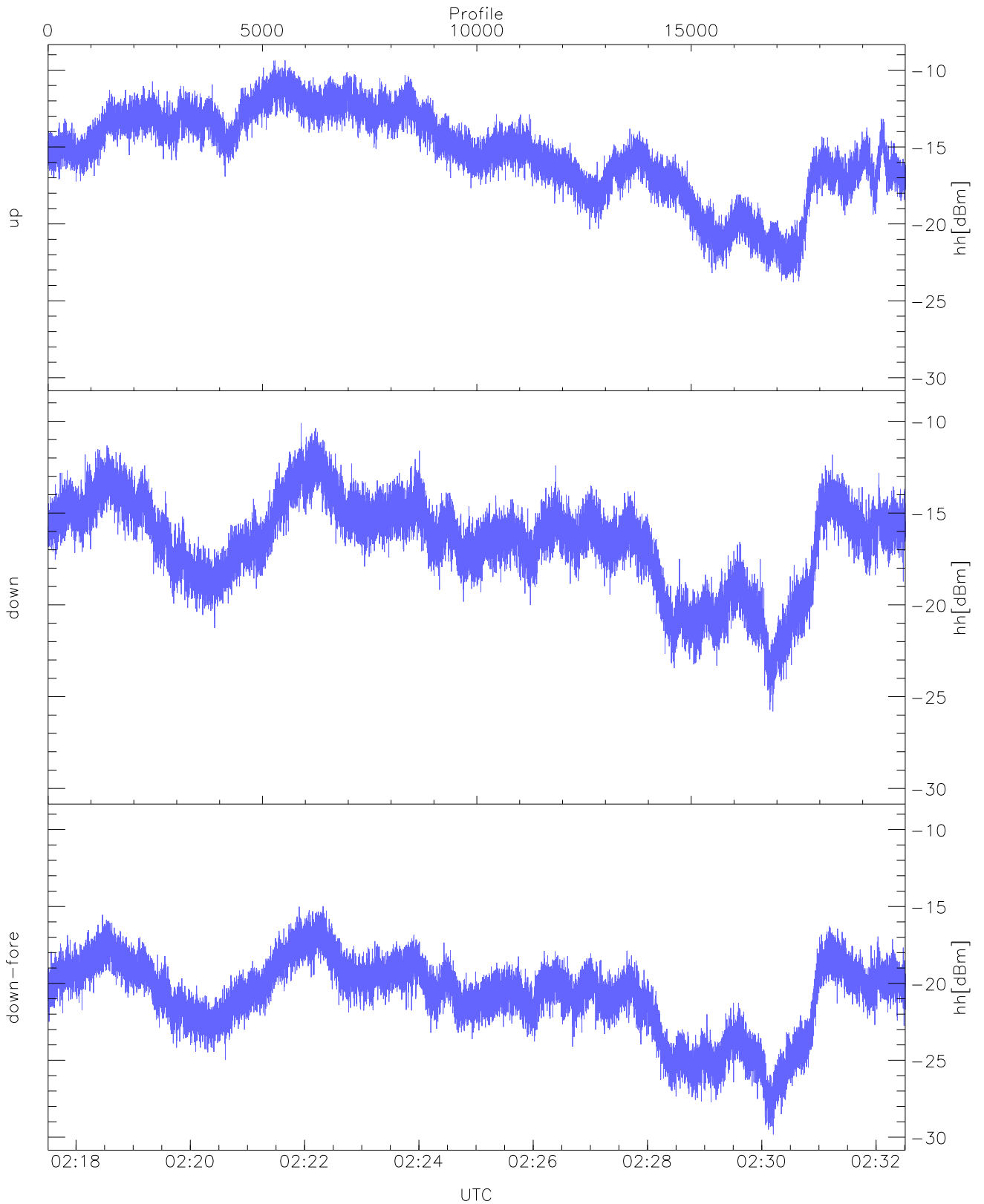
WCR3 CPP Averaged Received power for all recorded gates
blue: 021731-022501, 9998 profiles averaged
red: 022501-023231, 9997 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 021731-022501, 9998 profiles averaged
red: 022501-023231, 9997 profiles averaged

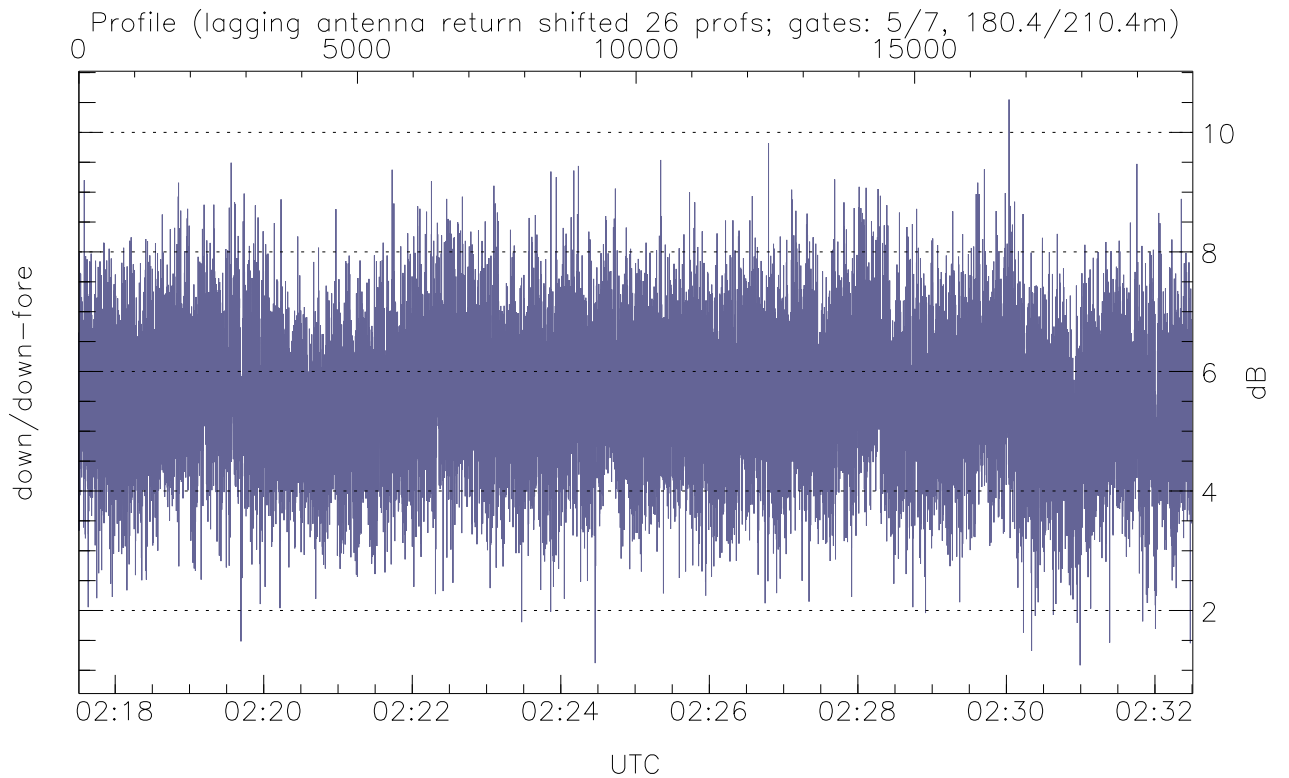
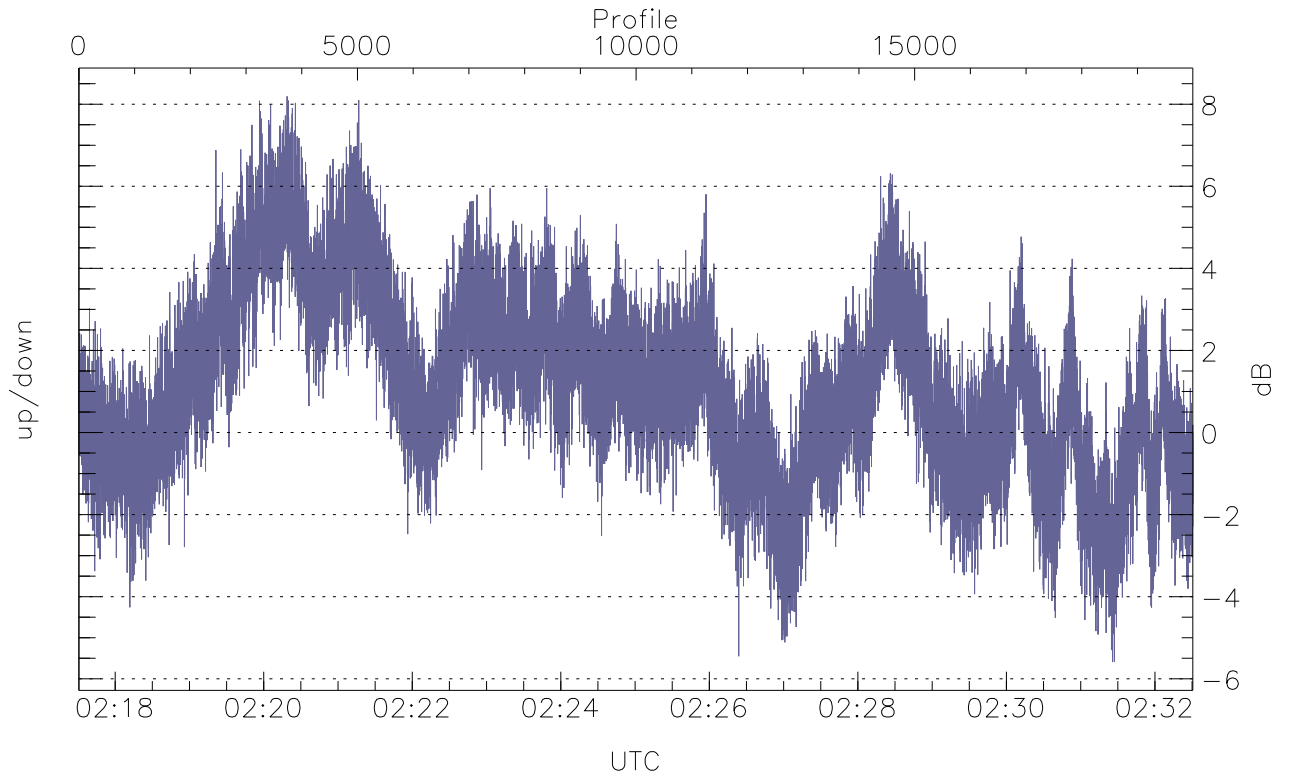


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



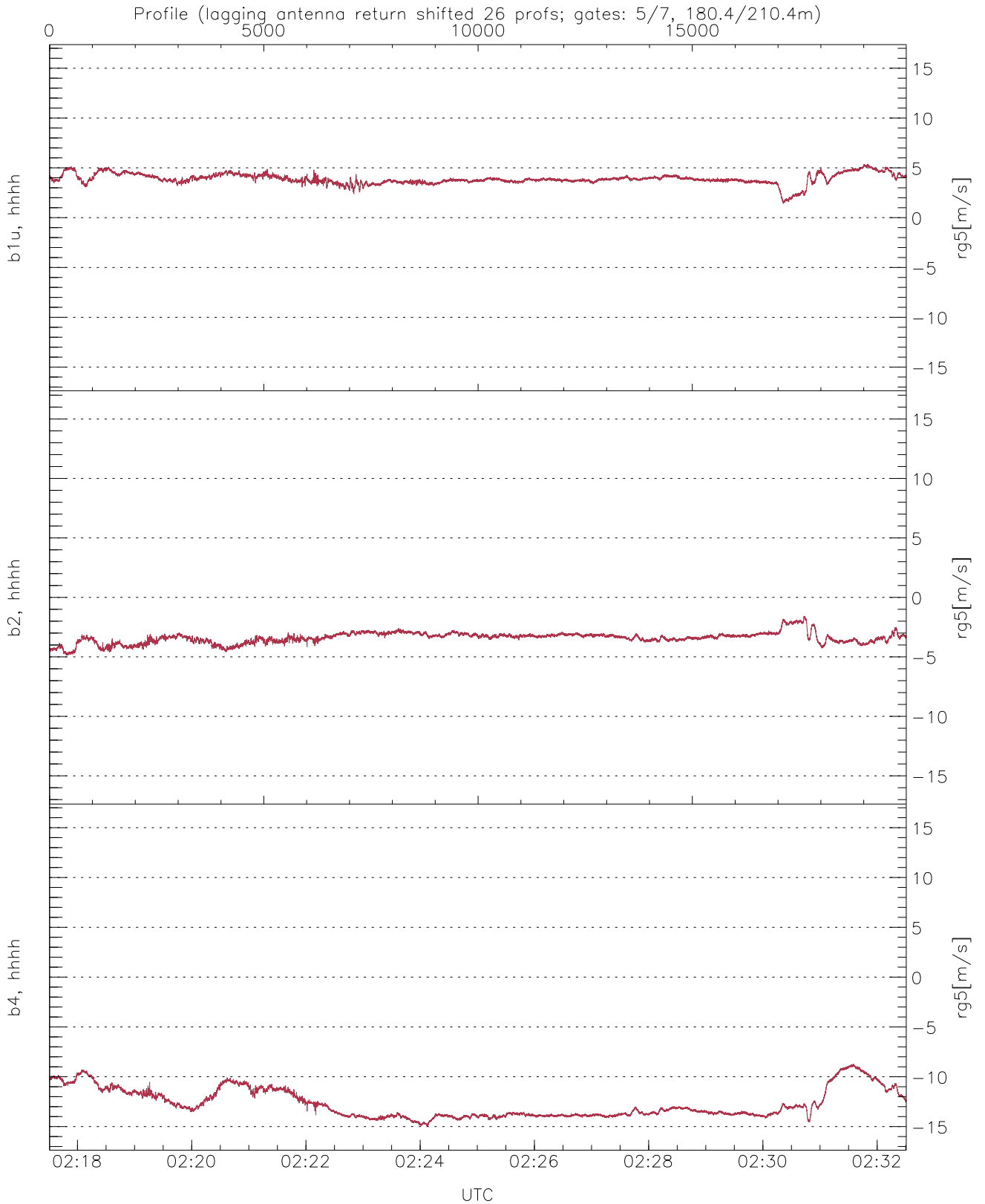
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-23.79	-9.36	-14.59
down(hh[dBm])	-25.80	-10.10	-15.95
down-fore(hh[dBm])	-29.82	-14.98	-20.22



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

	Min	Max	Mean
up/down (dB)	-5.59	8.19	1.15
down/down-fore (dB)	1.08	10.55	5.56



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.41	5.40	3.88	0.53
b2, hhhh(rg5[m/s])	-4.86	-1.57	-3.40	0.46
b4, hhhh(rg5[m/s])	-15.00	-8.71	-12.68	1.48