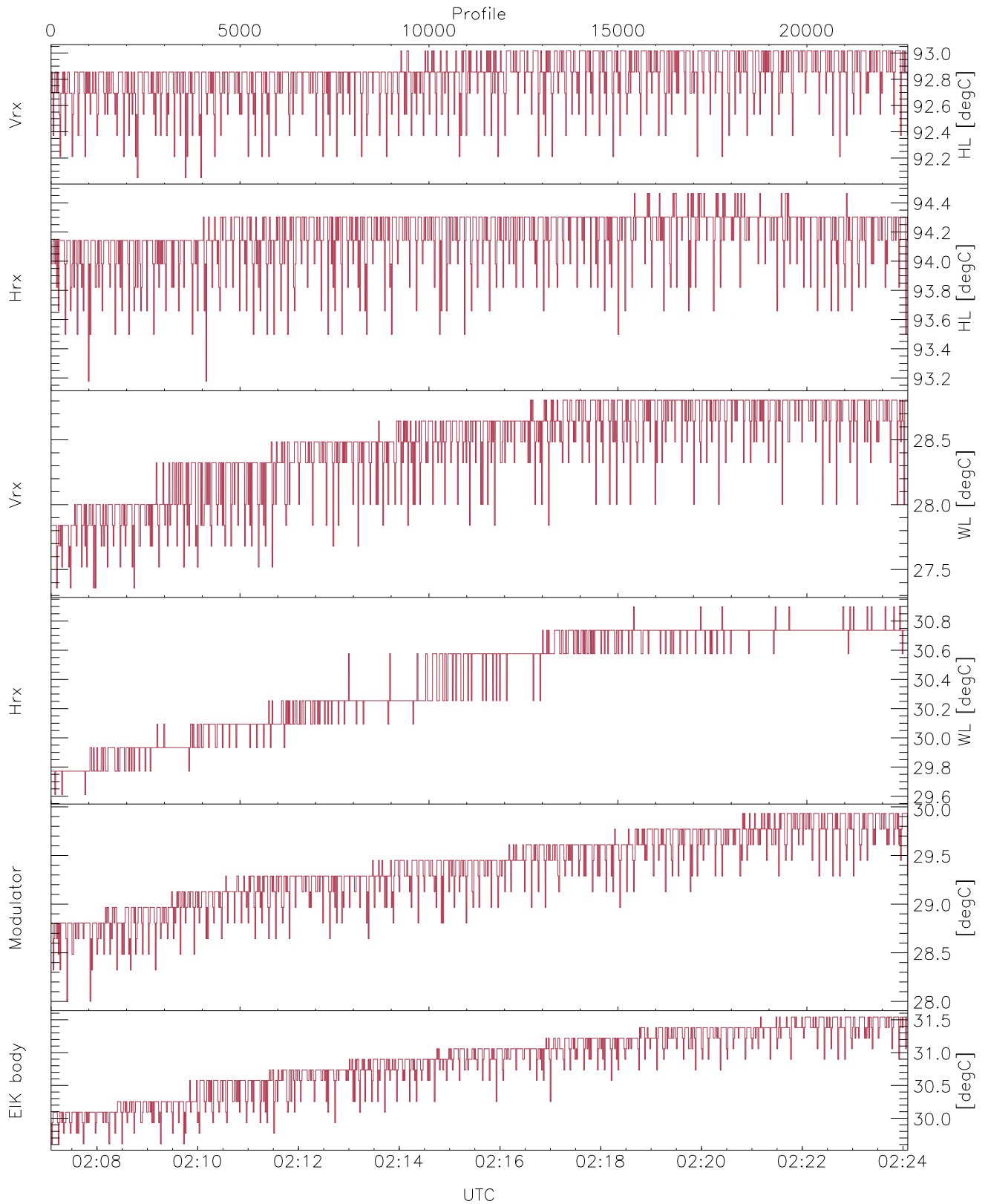


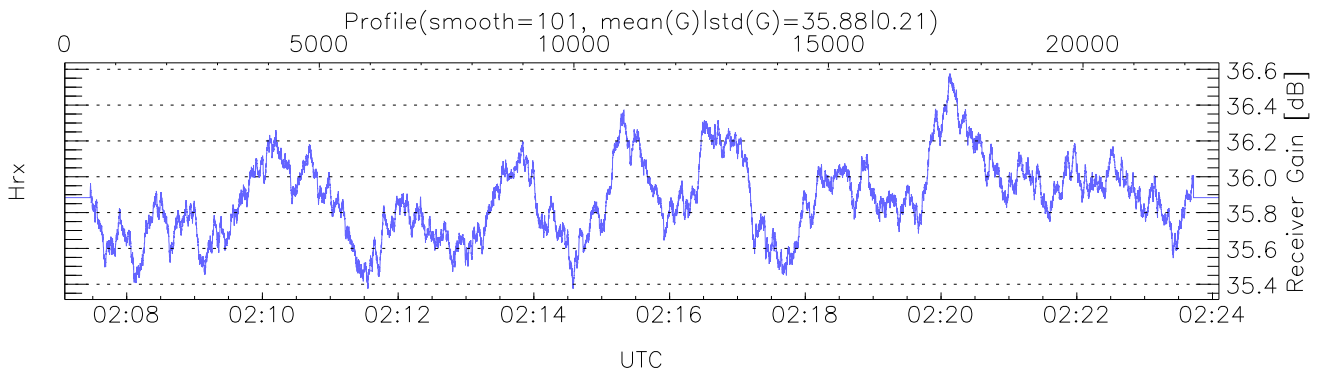
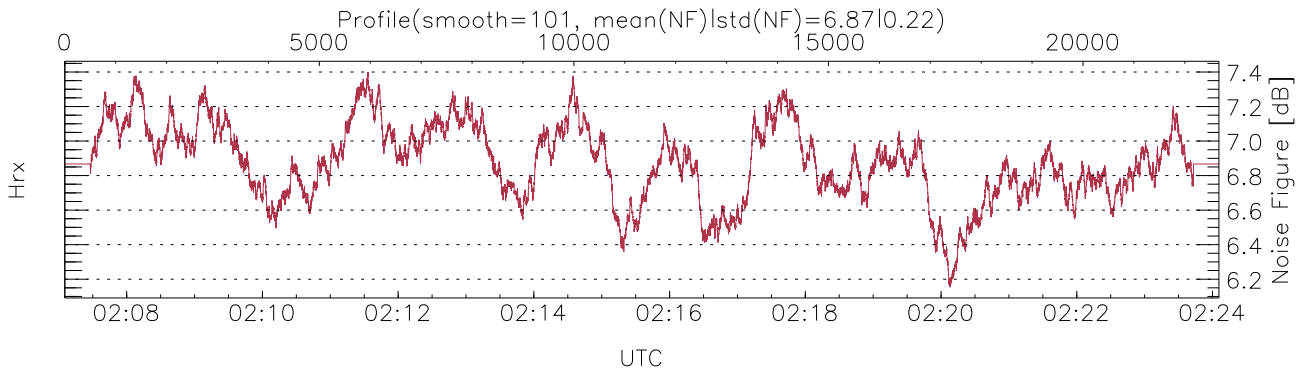
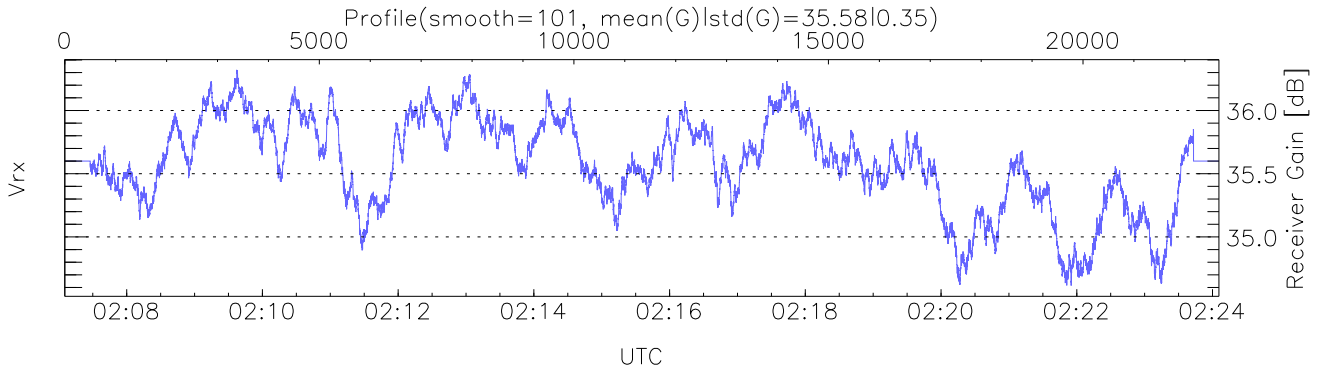
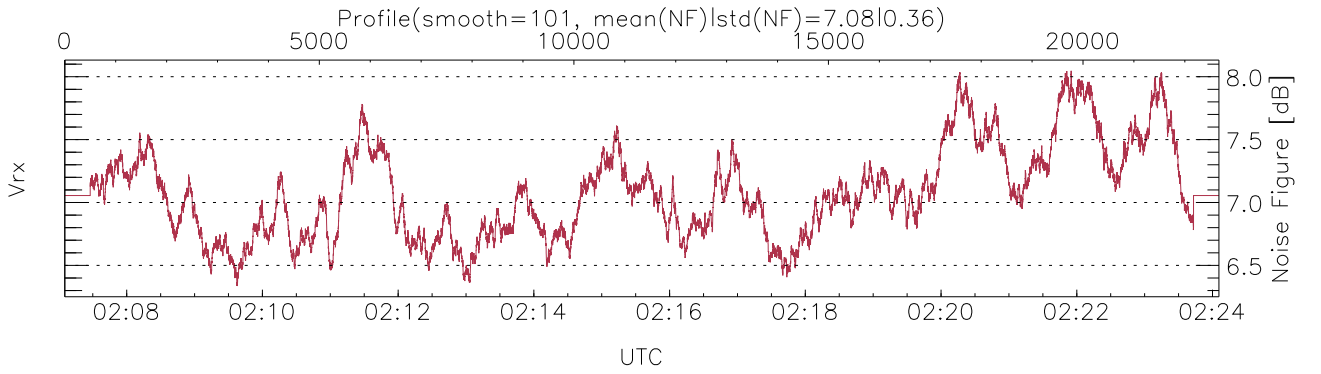
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:07:05-02:24:06, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/02:07:05-02:24:06
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



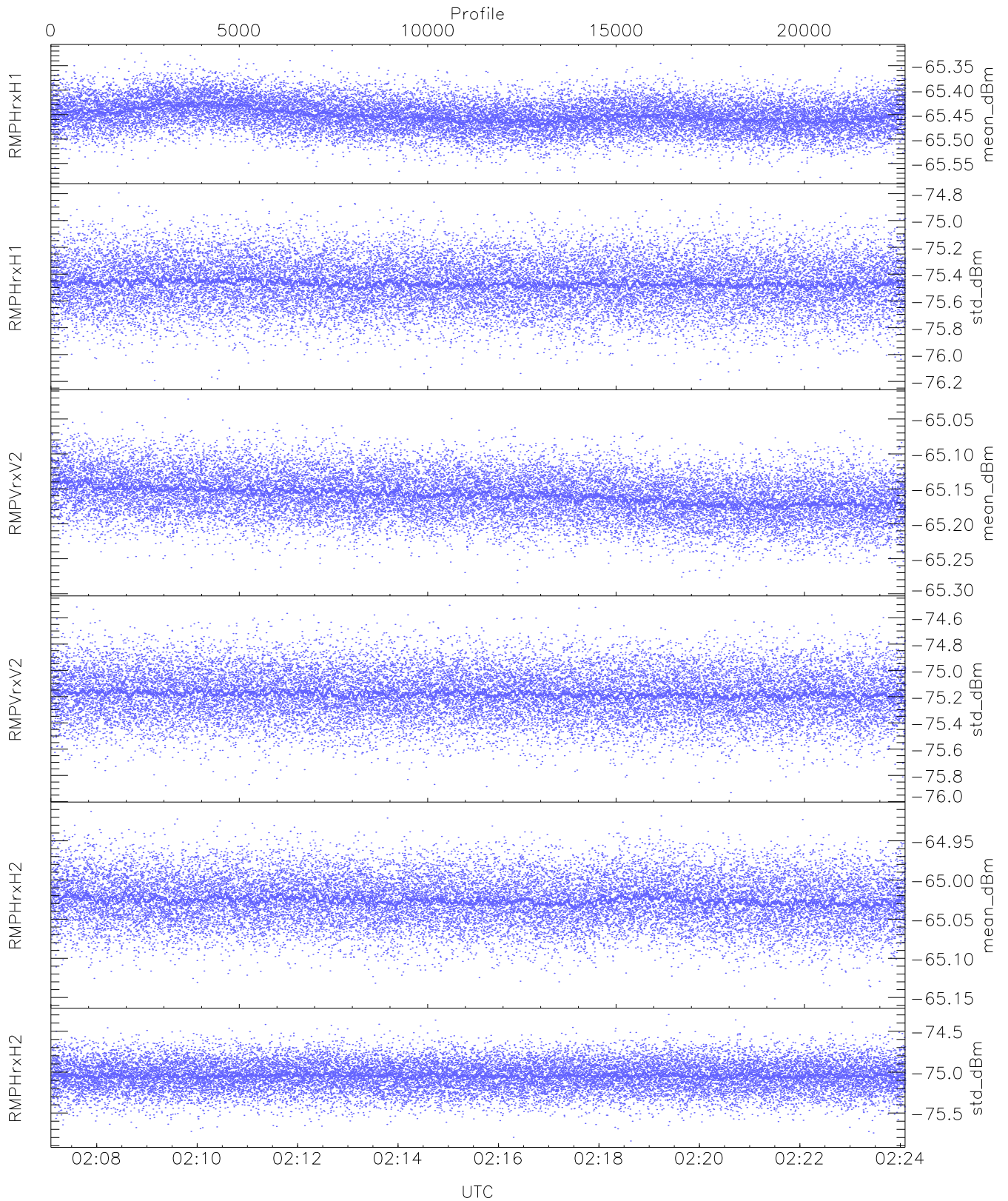
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,28,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,29,31`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



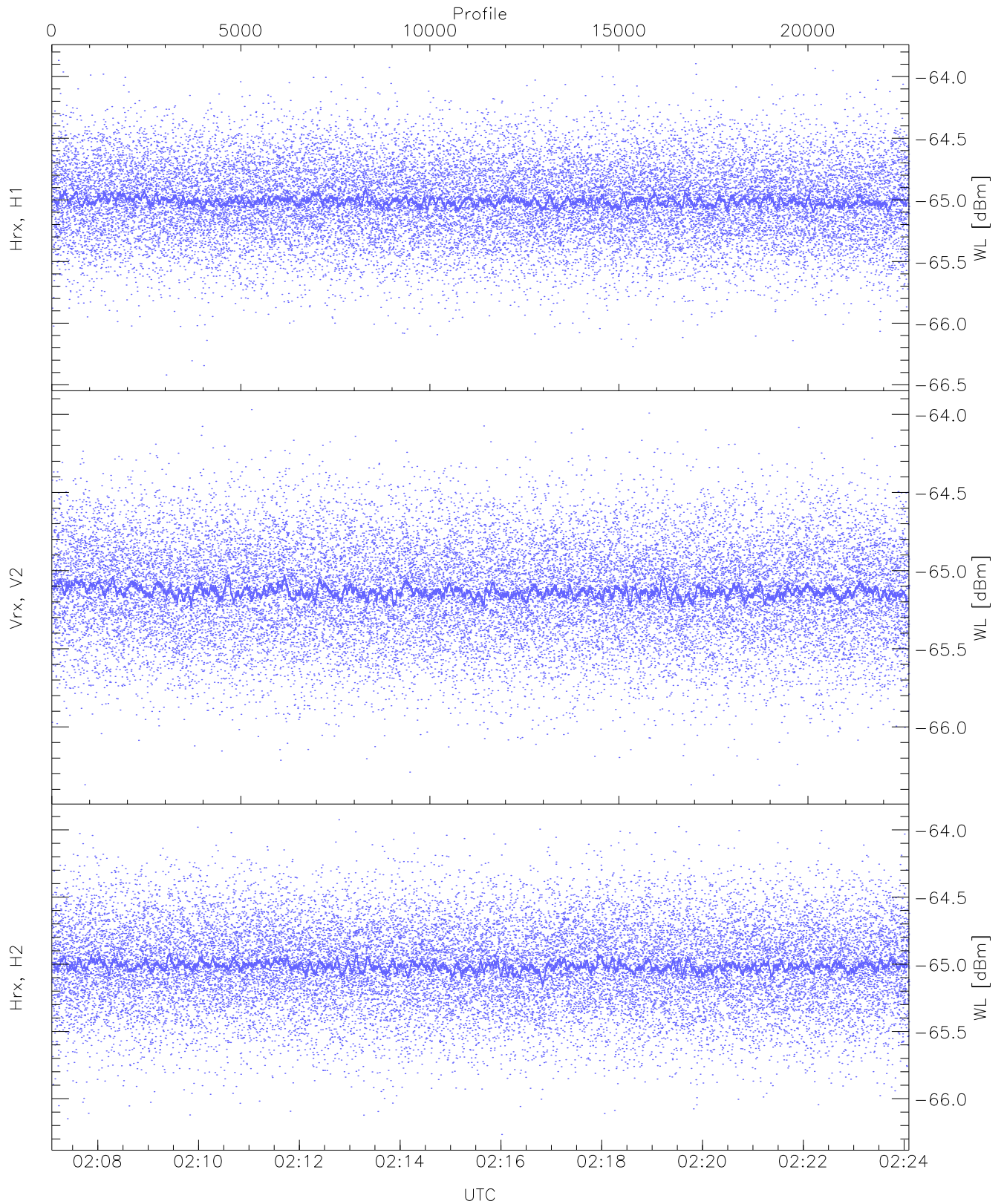
WCR3 CPP Receivers Gain and Noise Figure

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



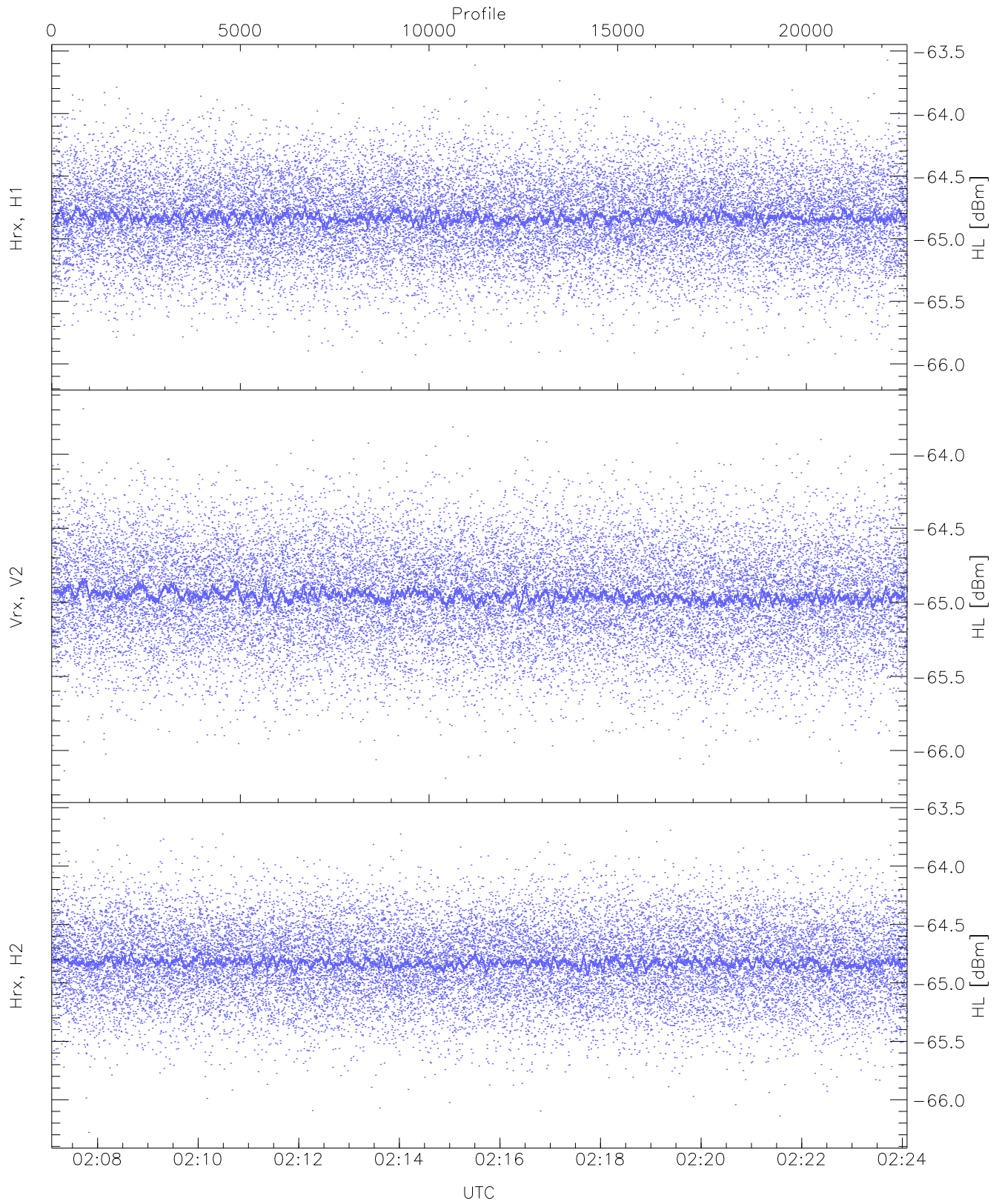
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.58	-65.32	-65.45	-65.45	-86.78
RMPHrxH1(std_dBm)	-76.19	-74.79	-75.47	-75.47	-89.22
RMPVrxV2(mean_dBm)	-65.29	-65.02	-65.16	-65.16	-86.55
RMPVrxV2(std_dBm)	-75.93	-74.50	-75.18	-75.18	-88.95
RMPHrxH2(mean_dBm)	-65.15	-64.91	-65.03	-65.03	-86.60
RMPHrxH2(std_dBm)	-75.84	-74.30	-75.04	-75.04	-88.84



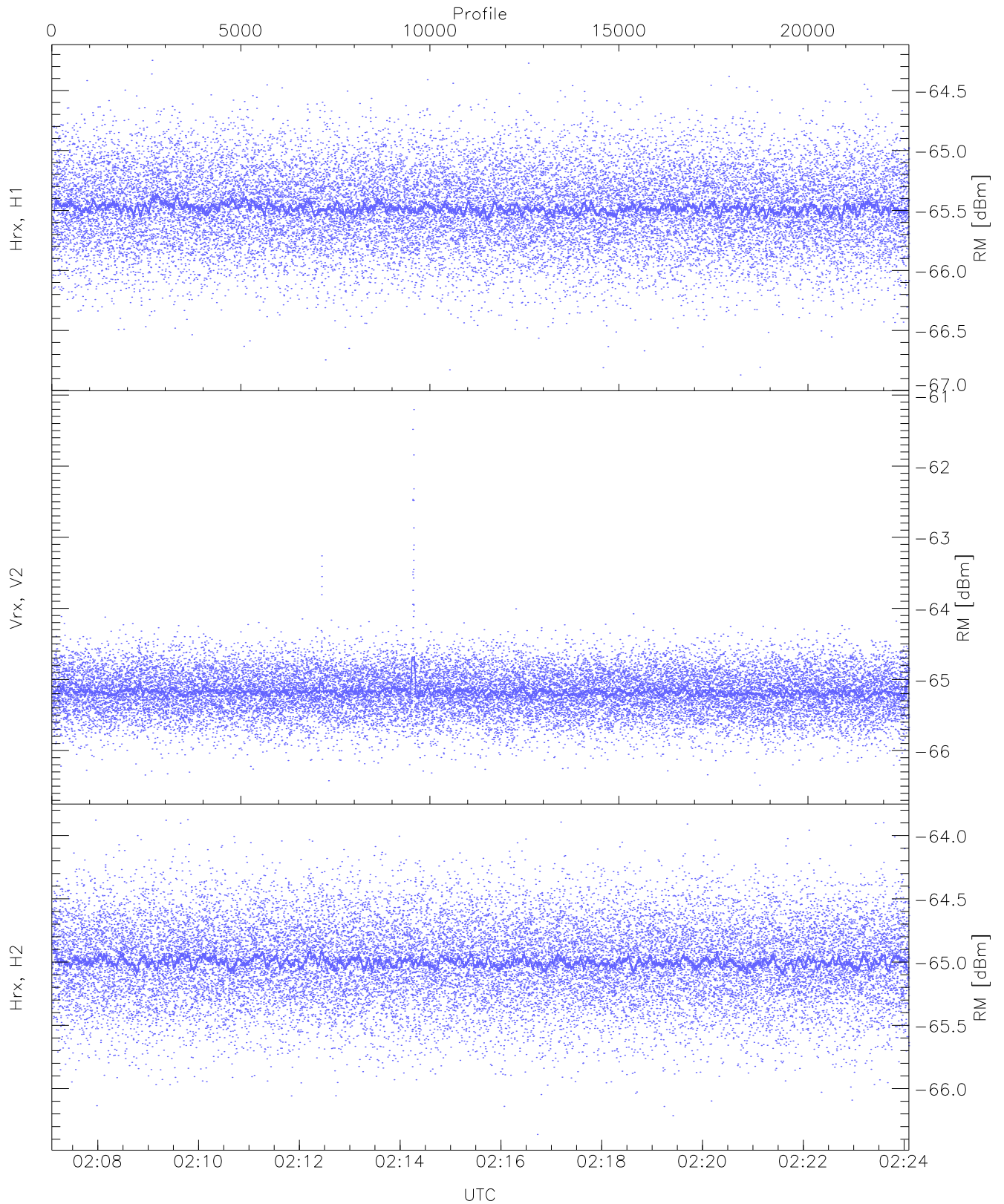
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.42	-63.87	-65.00	-65.01	-76.51
Vrx, V2 (WL [dBm])	-66.37	-63.97	-65.13	-65.13	-76.65
Hrx, H2 (WL [dBm])	-66.27	-63.92	-65.01	-65.01	-76.52



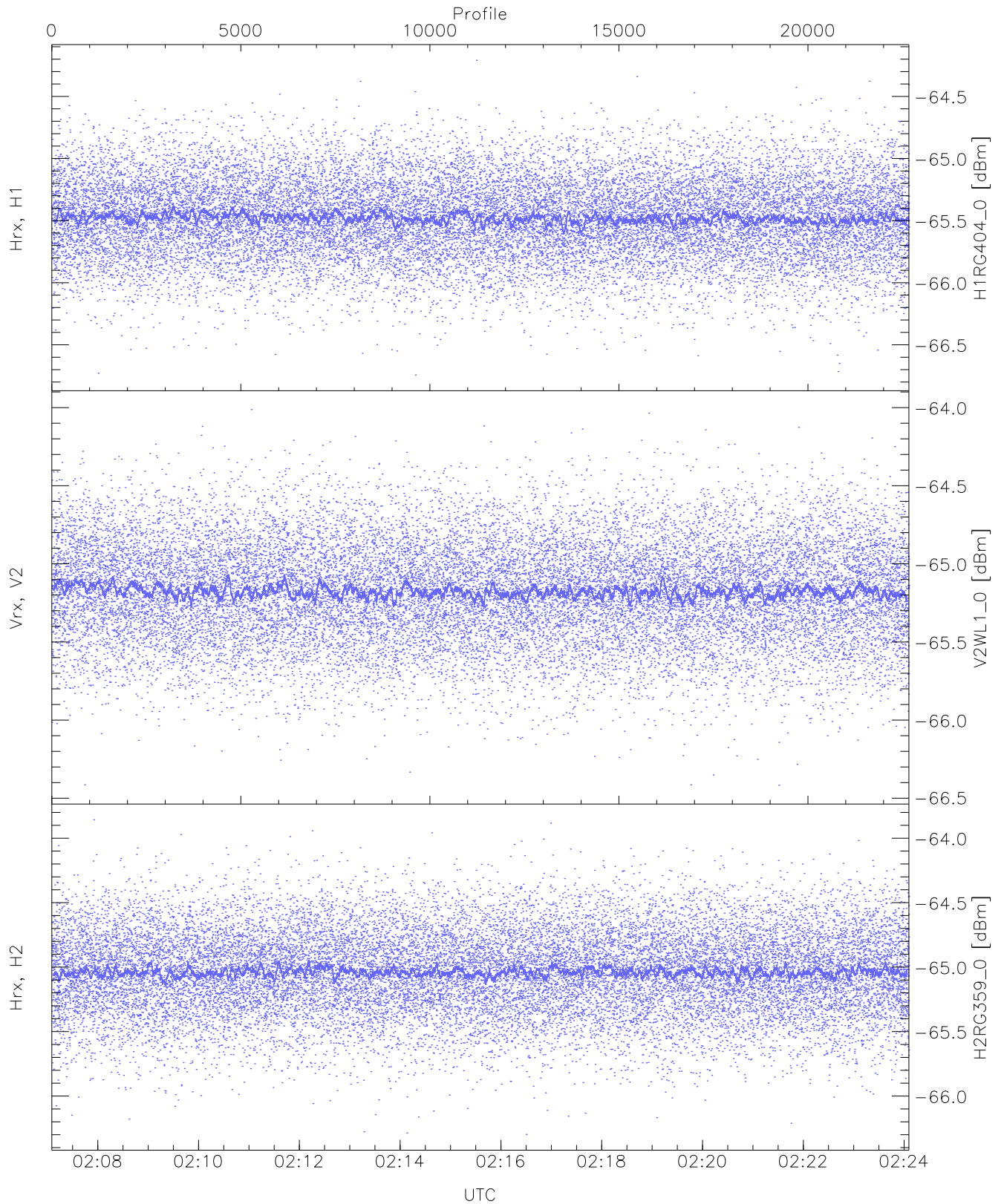
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.08	-63.57	-64.82	-64.83	-76.35
Vrx, V2 (HL [dBm])	-66.23	-63.69	-64.95	-64.96	-76.47
Hrx, H2 (HL [dBm])	-66.28	-63.59	-64.82	-64.83	-76.28



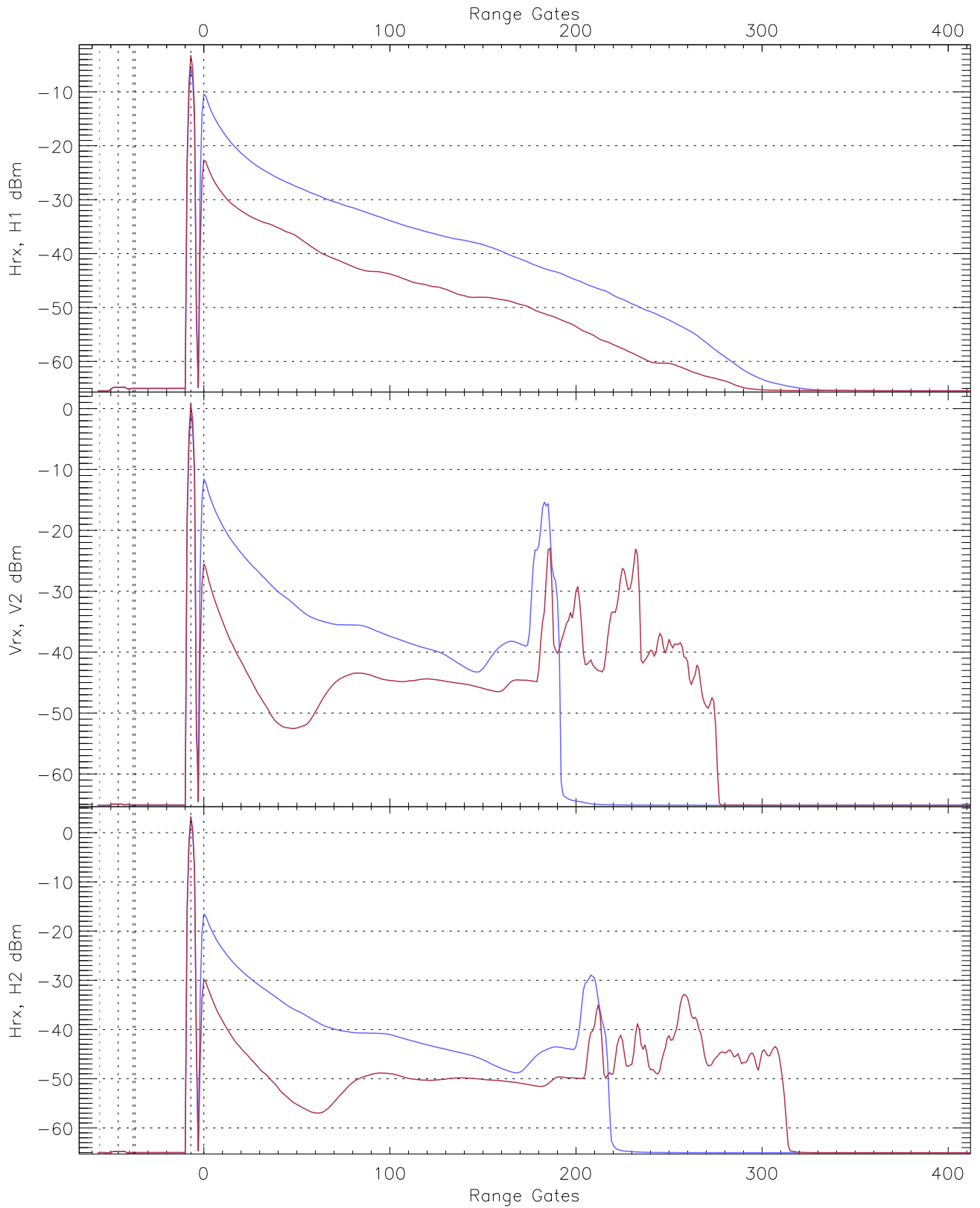
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.87	-64.25	-65.47	-65.48	-76.92
Vrx, V2 (RM [dBm])	-66.49	-61.20	-65.17	-65.18	-76.44
Hrx, H2 (RM [dBm])	-66.36	-63.88	-64.99	-65.00	-76.55

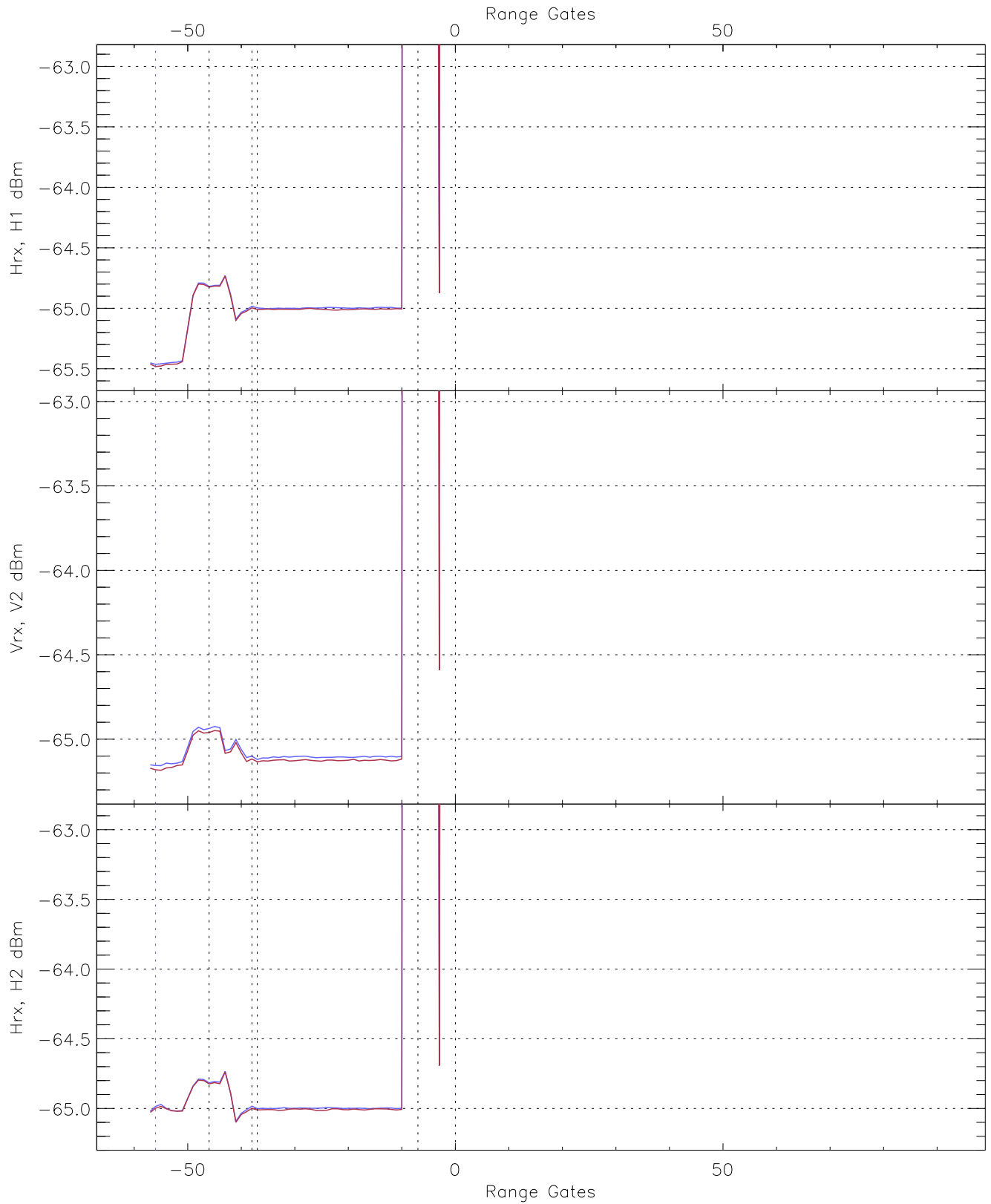


WCR3 CPP "Best" estimate Receivers Noise Power

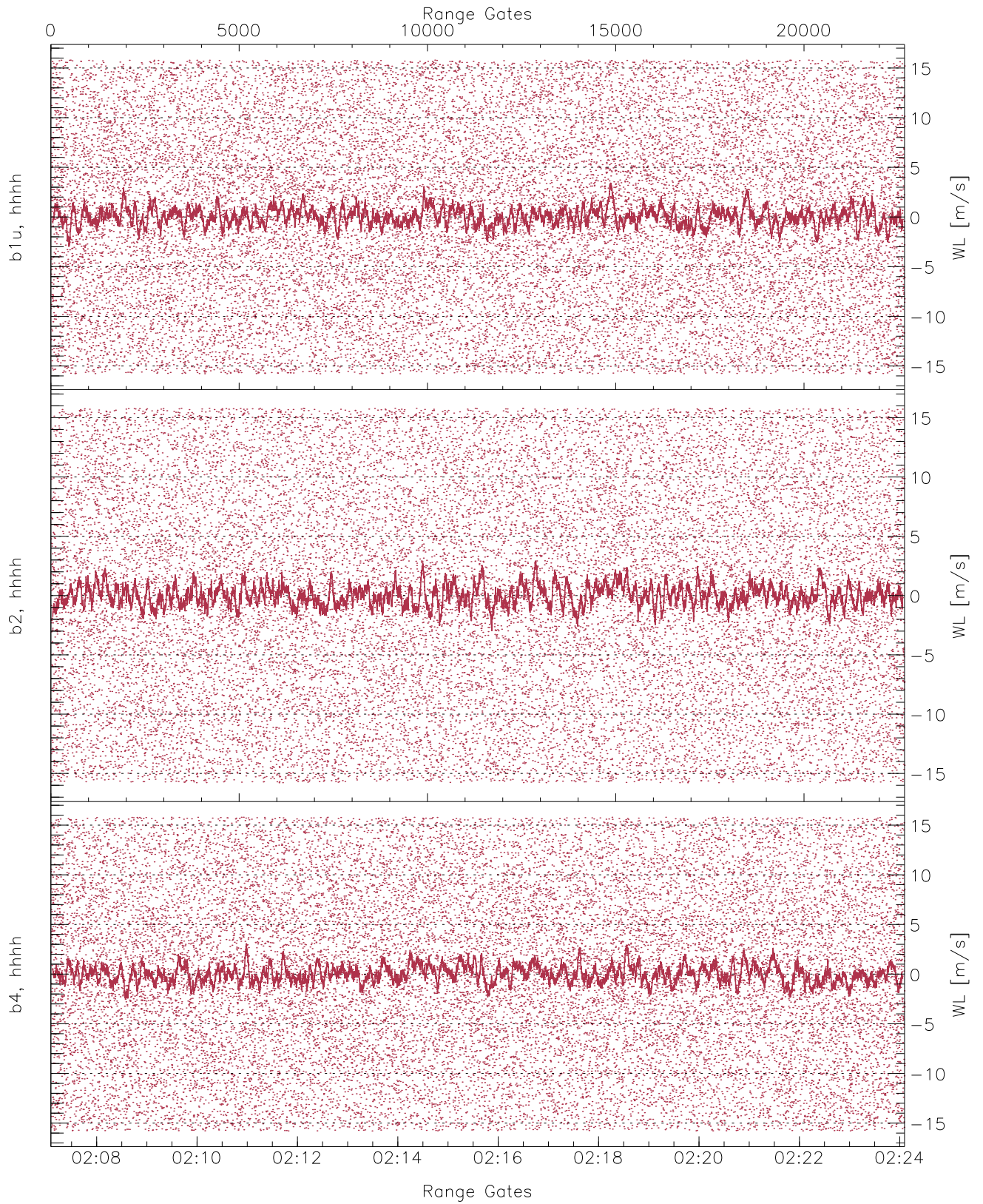
	Min	Max	Mean	Median	StDev
H1RG404_0 [dBm]	-66.74	-64.21	-65.47	-65.48	-76.98
V2WL1_0 [dBm]	-66.42	-64.01	-65.17	-65.18	-76.69
H2RG359_0 [dBm]	-66.30	-63.86	-65.03	-65.04	-76.52



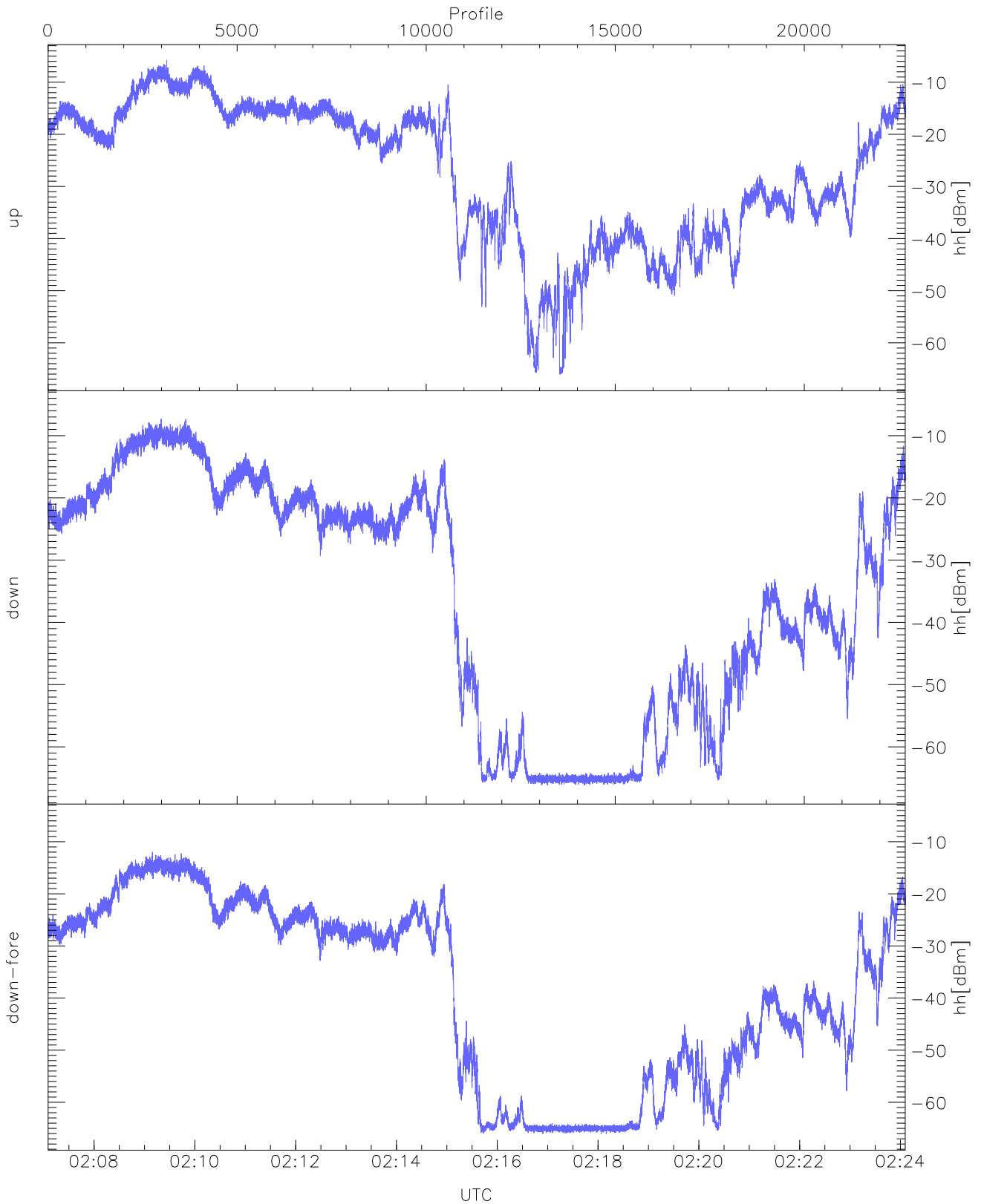
WCR3 CPP Averaged Received power for all recorded gates
blue: 020705-021535, 11337 profiles averaged
red: 021535-022406, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 020705-021535, 11337 profiles averaged
red: 021535-022406, 11336 profiles averaged

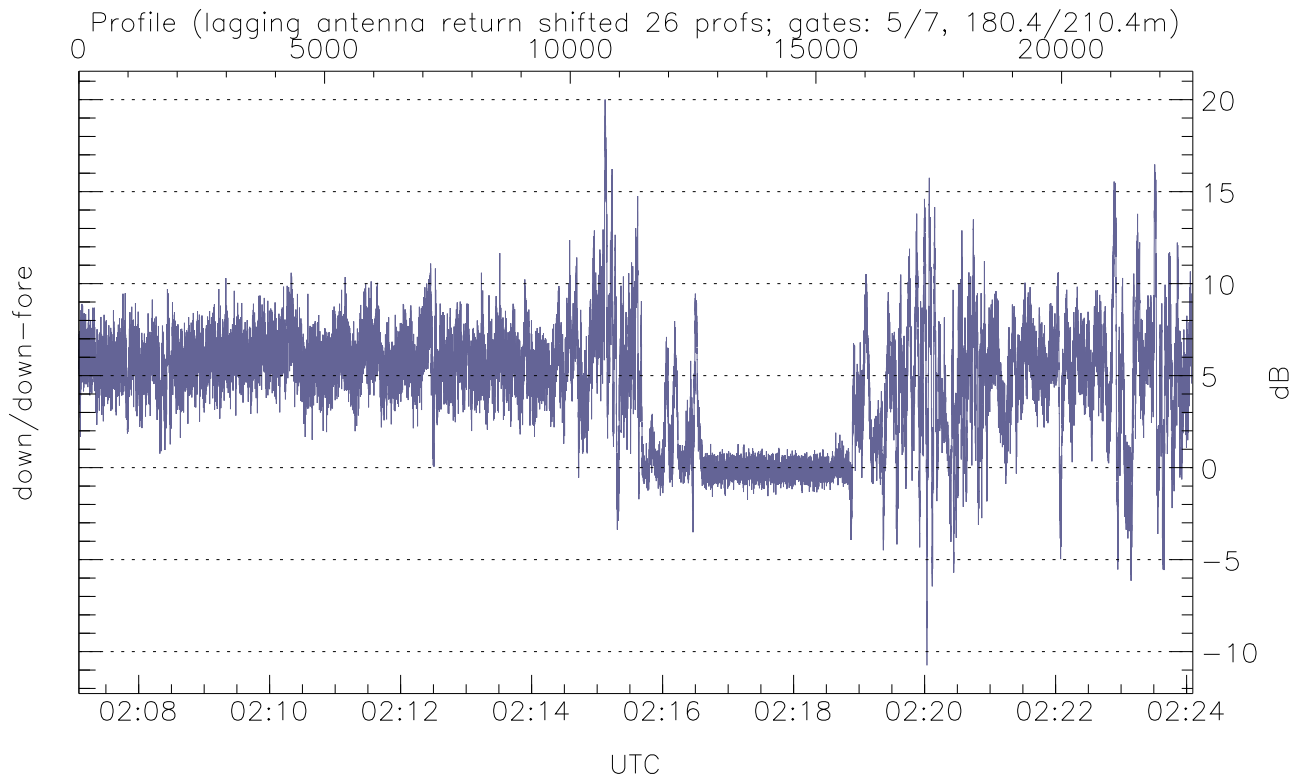
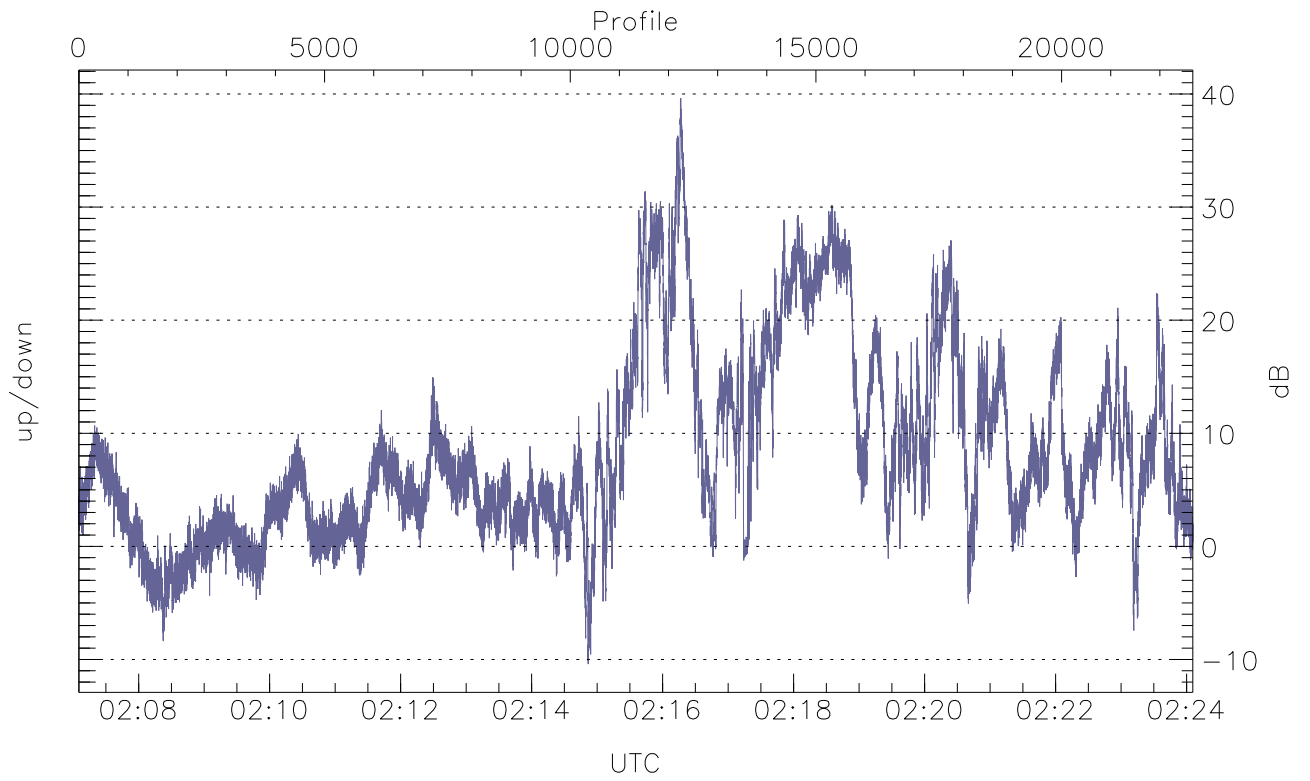


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



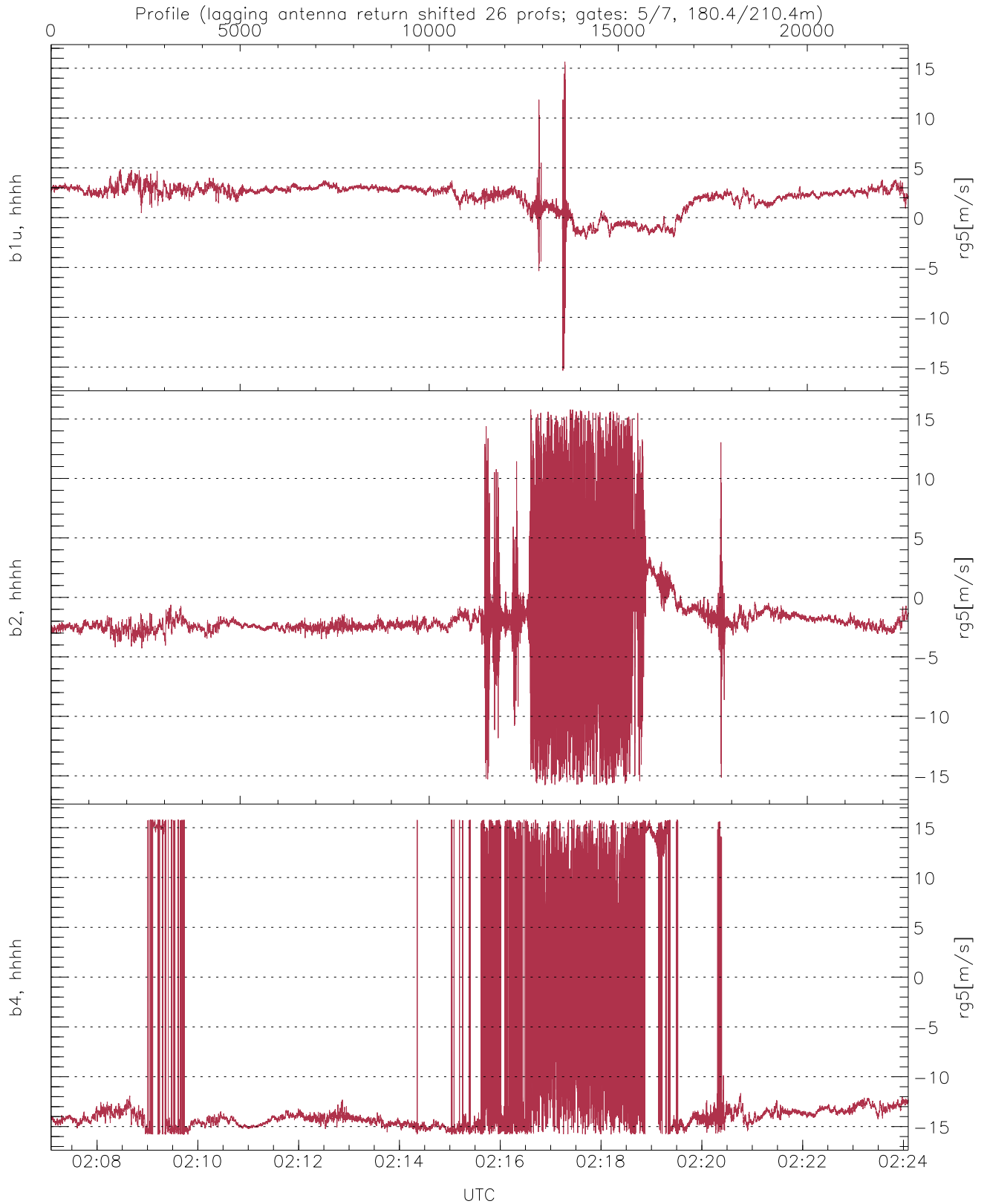
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.06	-5.80	-17.05
down(hh[dBm])	-66.17	-7.30	-18.79
down-fore(hh[dBm])	-66.10	-11.96	-23.33



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

	Min	Max	Mean
up/down (dB)	-10.41	39.62	8.37
down/down-fore (dB)	-10.74	20.01	4.50



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.35	15.65	2.05	1.41
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.73	3.23
b4, hhhh(rg5[m/s])	-15.79	15.79	-10.42	8.71