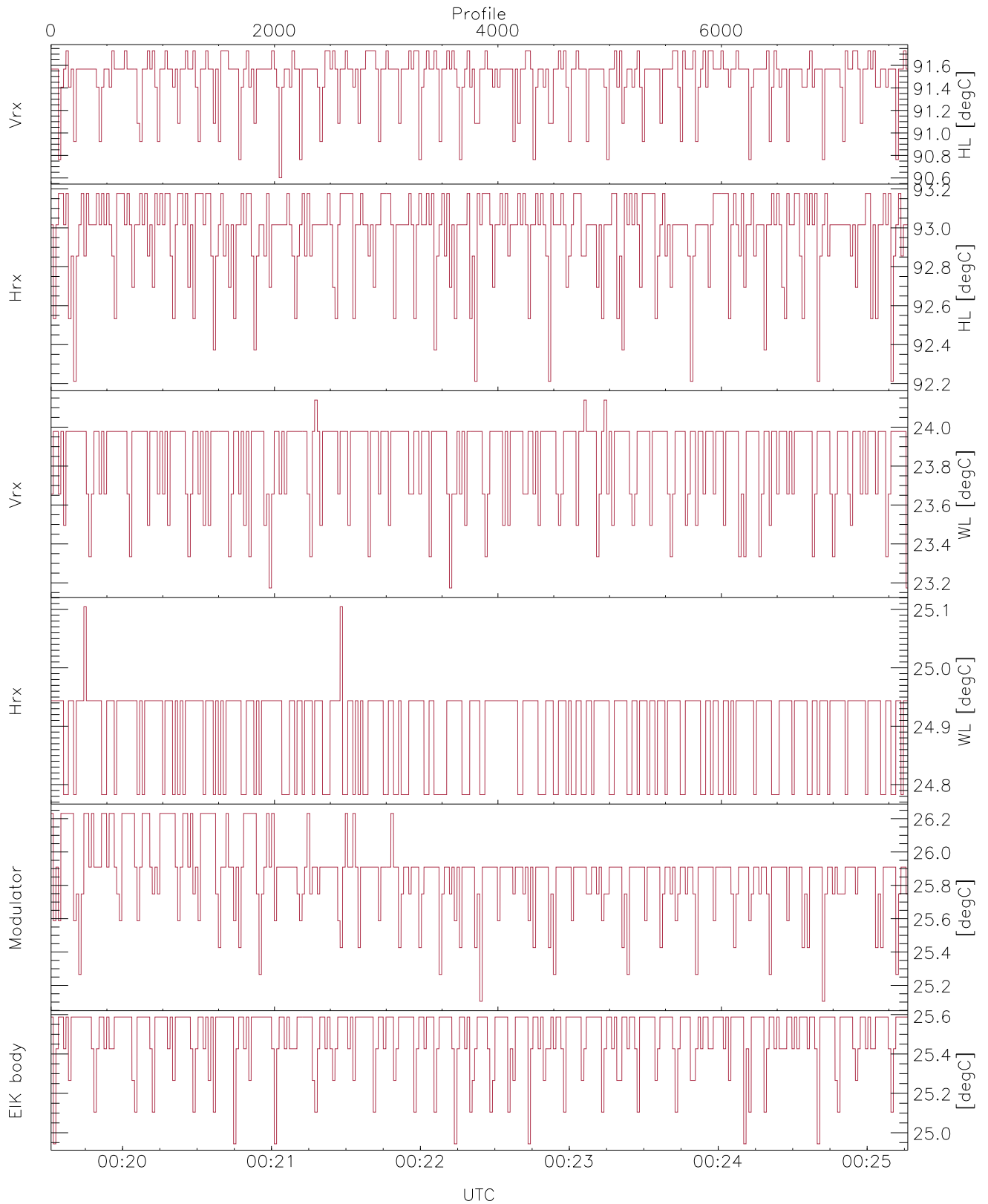


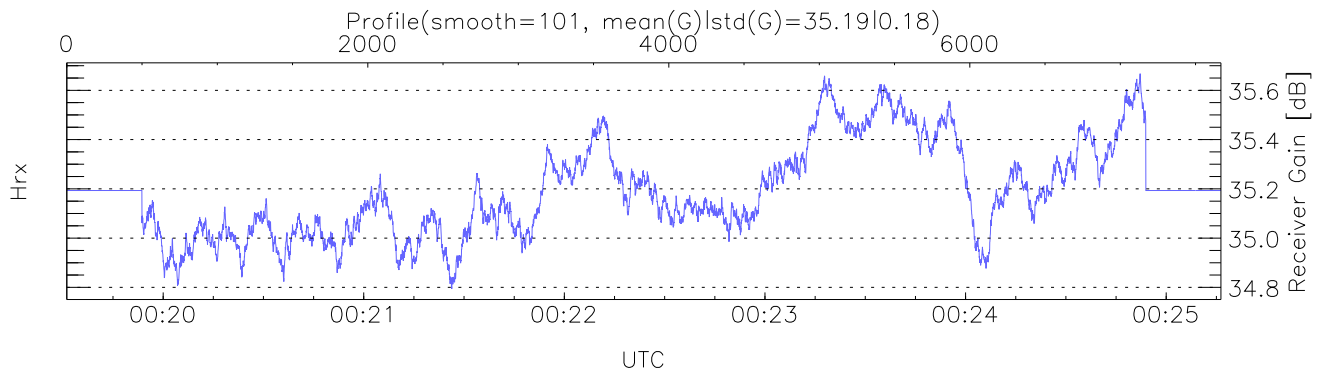
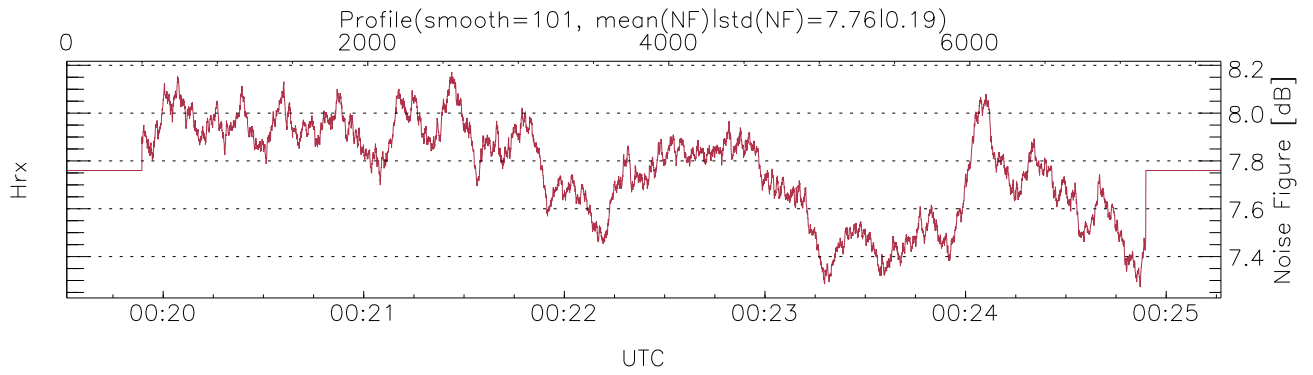
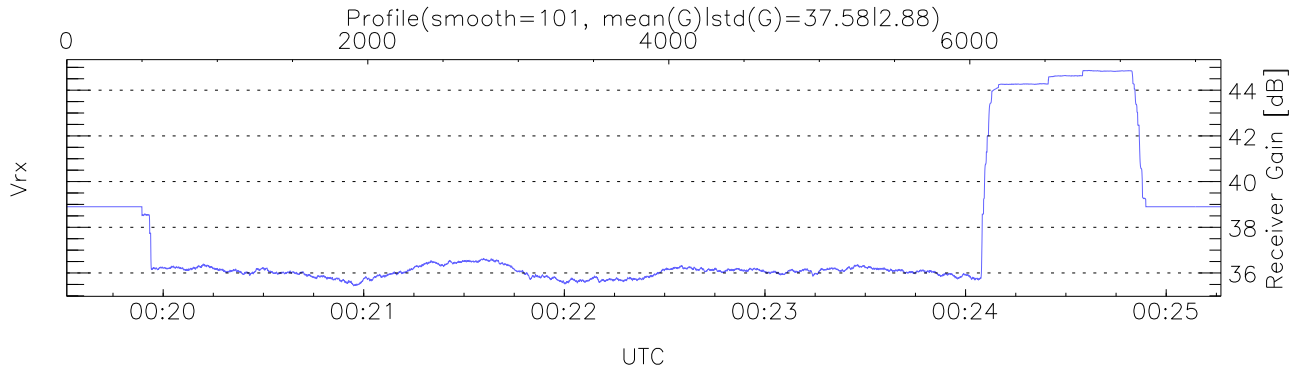
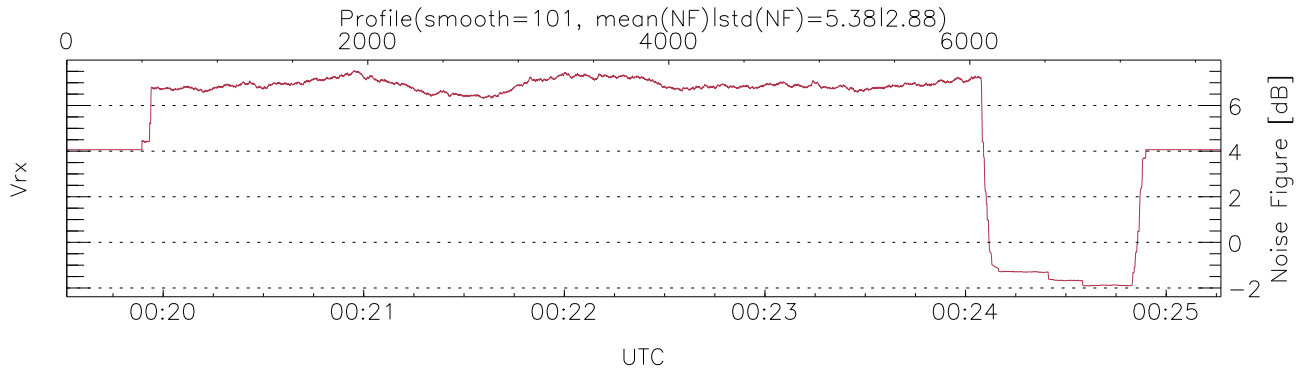
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:19:31-00:25:16, TimeCor: 0.00s, Dur: 345.19s
 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): 7670/7670, 0-7669/00:19:31-00:25:16
 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



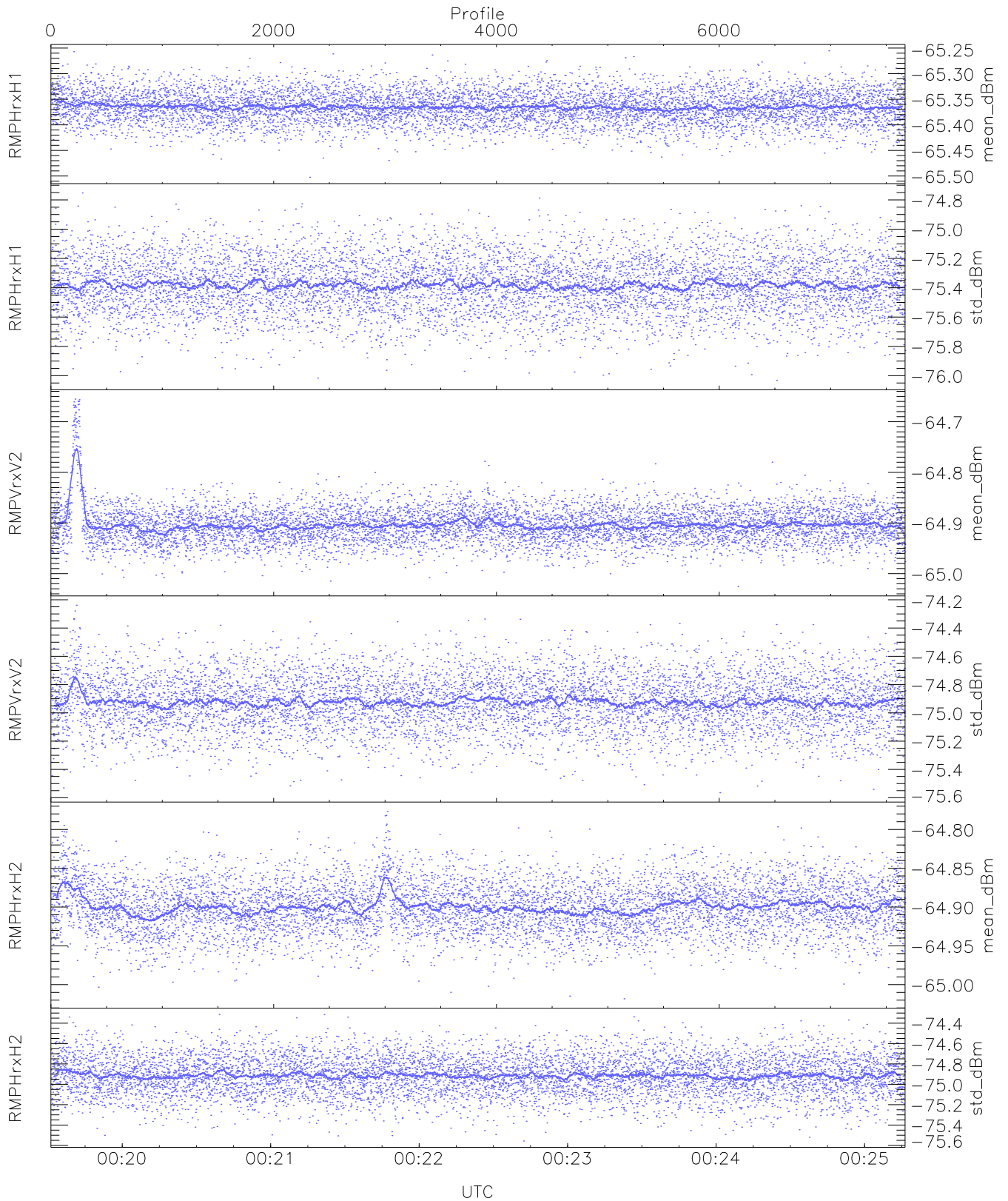
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,24,25,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,26,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK Faults(# prof affected):`
`DeckF (22)`



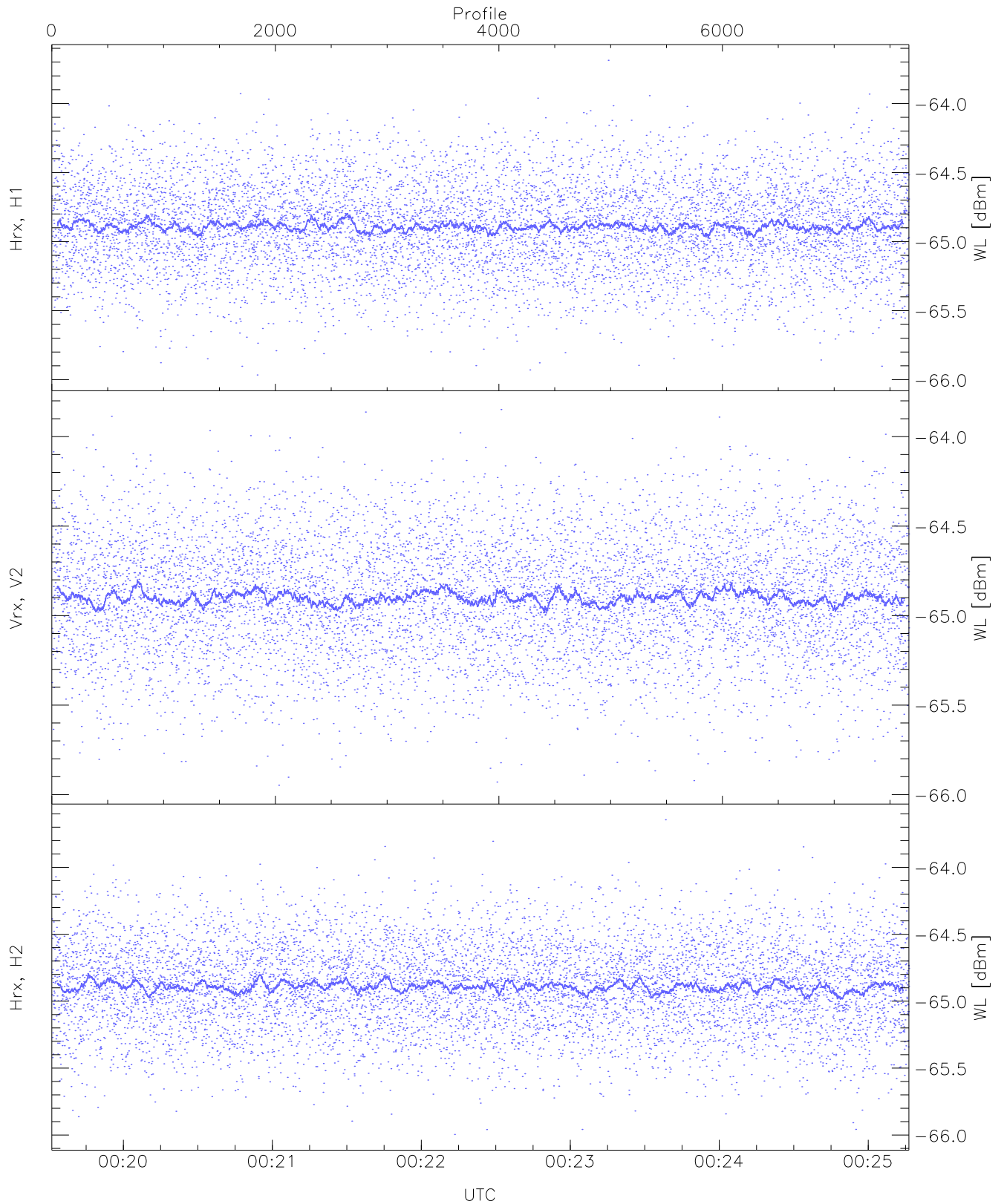
WCR3 CPP Receivers Gain and Noise Figure

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



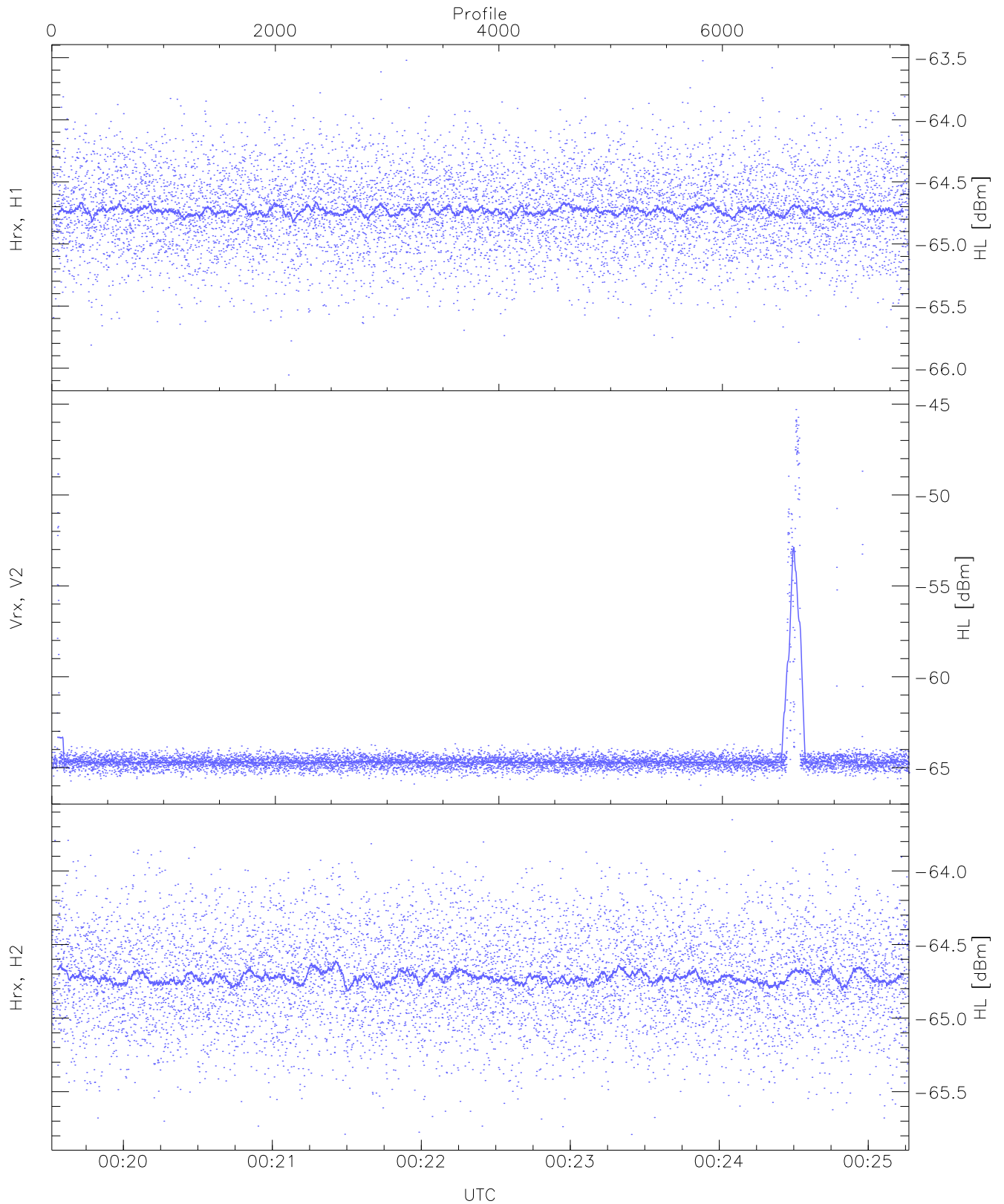
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.26	-65.37	-65.37	-86.96
RMPHrxH1(std_dBm)	-76.03	-74.75	-75.38	-75.39	-89.14
RMPVrxV2(mean_dBm)	-65.03	-64.66	-64.90	-64.91	-85.71
RMPVrxV2(std_dBm)	-75.56	-74.24	-74.92	-74.92	-88.69
RMPHrxH2(mean_dBm)	-65.02	-64.78	-64.90	-64.90	-86.35
RMPHrxH2(std_dBm)	-75.56	-74.31	-74.91	-74.92	-88.75



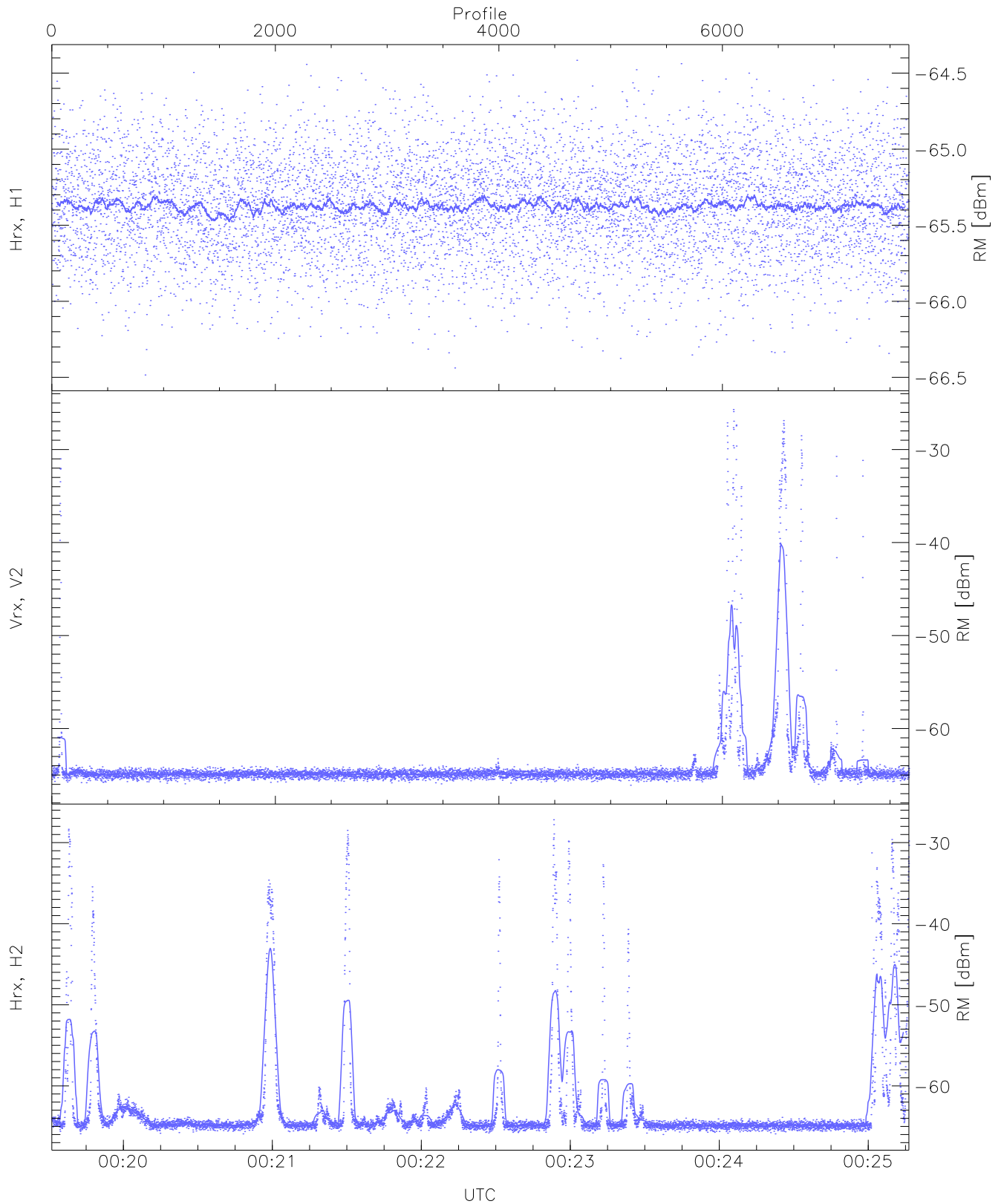
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.97	-63.69	-64.88	-64.89	-76.40
Vrx, V2 (WL [dBm])	-65.95	-63.85	-64.89	-64.90	-76.38
Hrx, H2 (WL [dBm])	-66.00	-63.64	-64.88	-64.89	-76.36



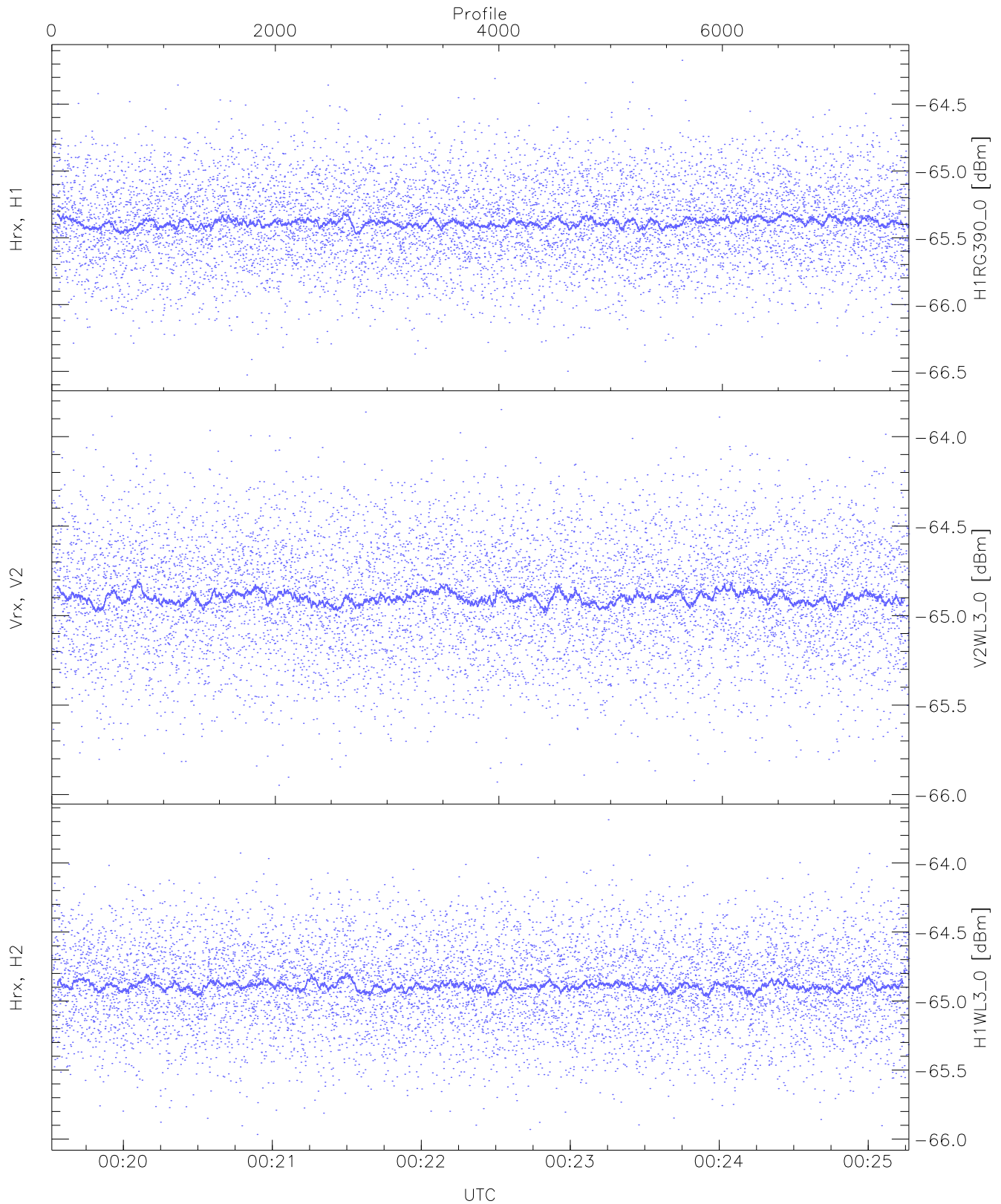
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.06	-63.52	-64.72	-64.73	-76.18
Vrx, V2 (HL [dBm])	-65.97	-45.30	-63.22	-64.69	-58.45
Hrx, H2 (HL [dBm])	-65.79	-63.65	-64.72	-64.72	-76.24



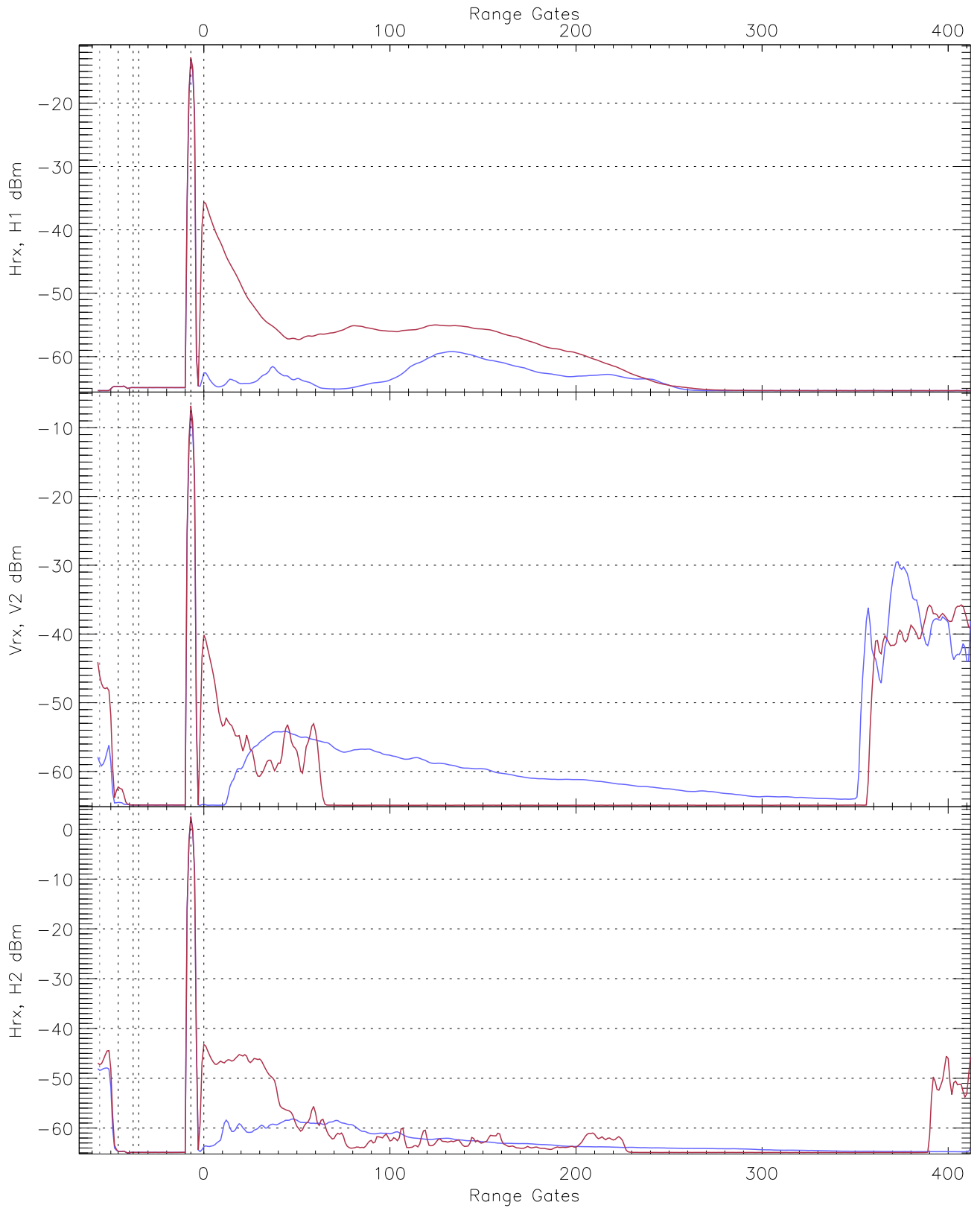
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.48	-64.42	-65.37	-65.37	-76.87
Vrx, V2 (RM [dBm])	-66.10	-25.70	-48.84	-64.84	-39.27
Hrx, H2 (RM [dBm])	-65.99	-27.19	-47.79	-64.66	-40.01

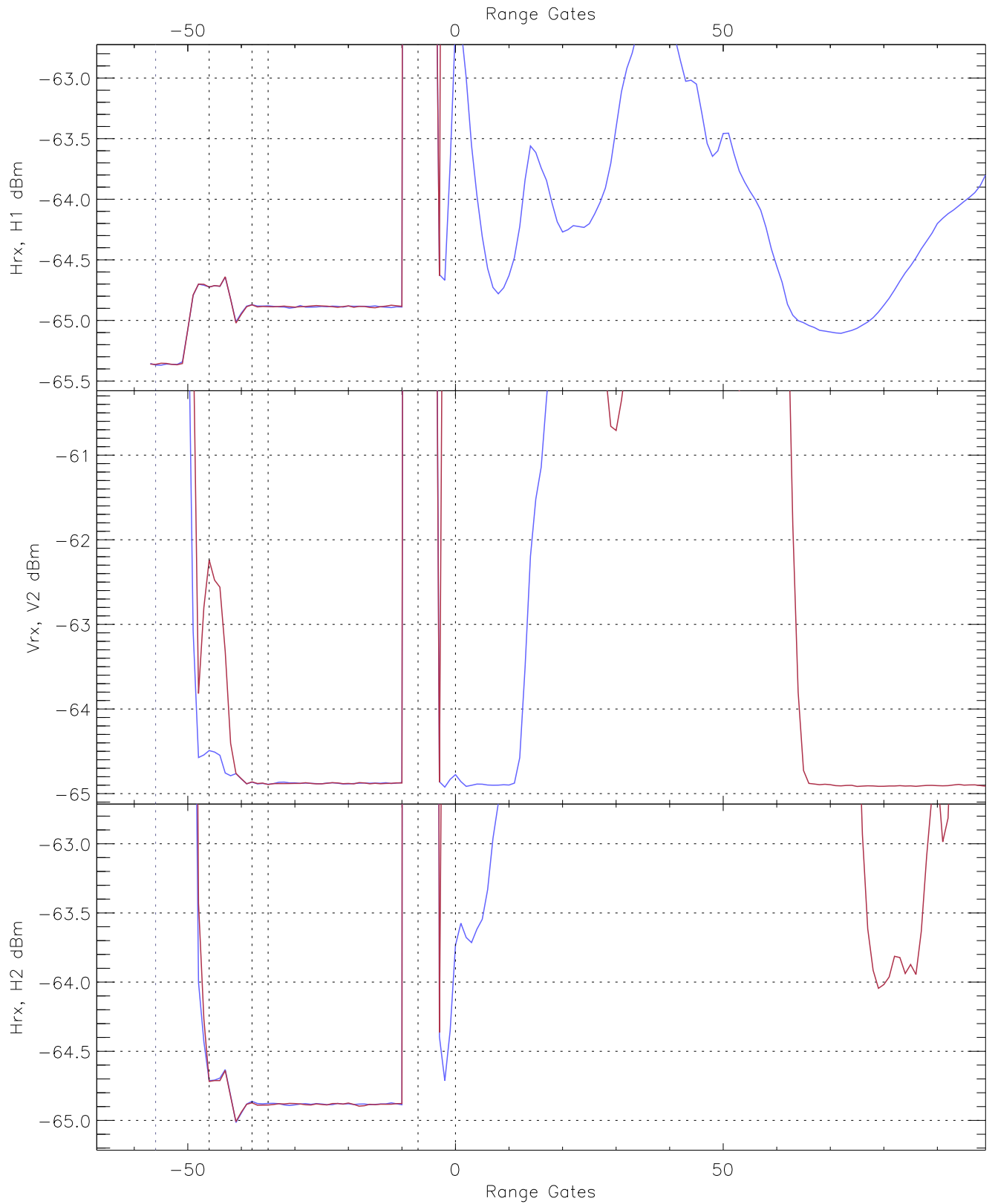


WCR3 CPP "Best" estimate Receivers Noise Power

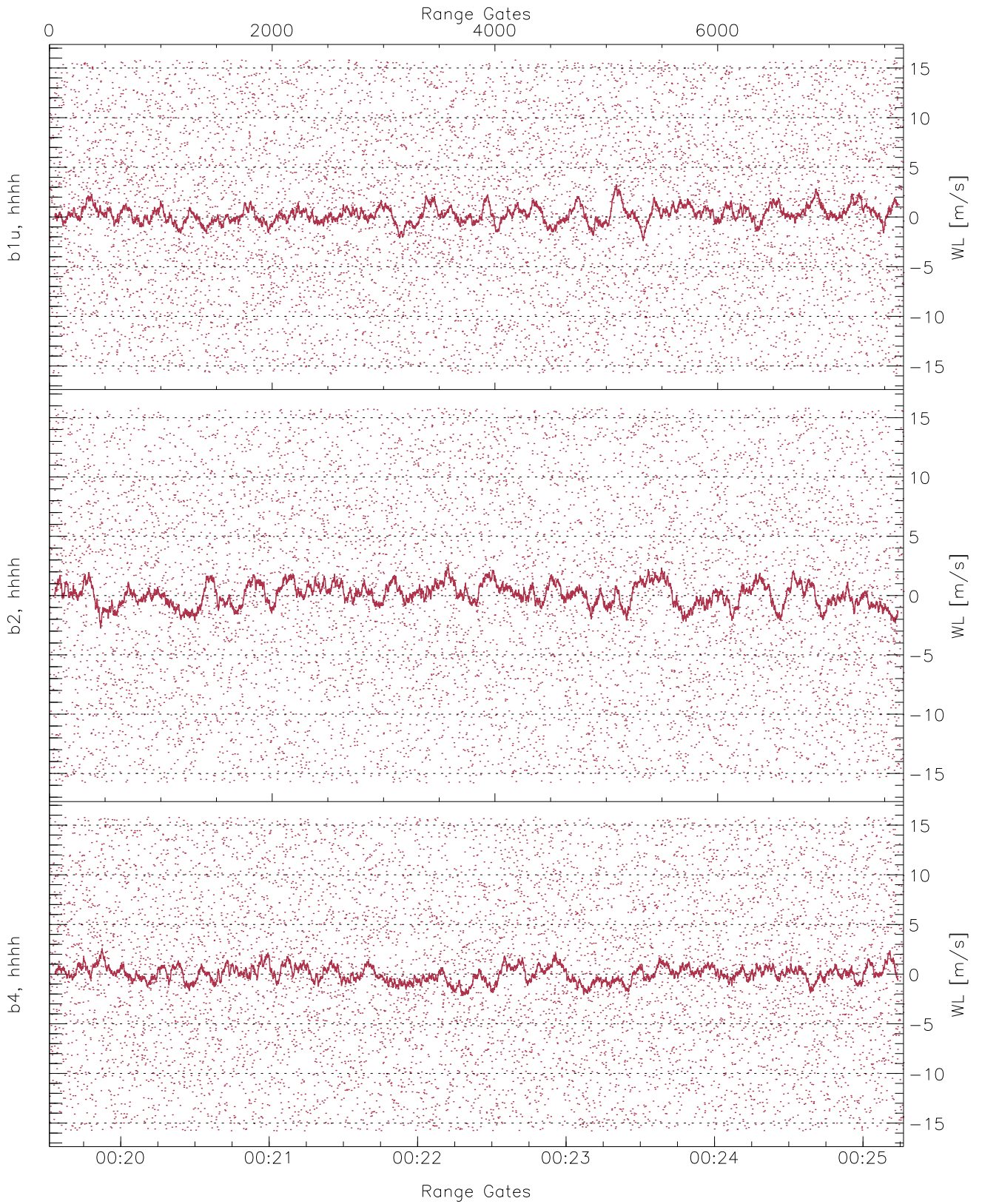
	Min	Max	Mean	Median	StDev
H1RG390_0 [dBm]	-66.53	-64.17	-65.38	-65.39	-76.85
V2WL3_0 [dBm]	-65.95	-63.85	-64.89	-64.90	-76.38
H1WL3_0 [dBm]	-65.97	-63.69	-64.88	-64.89	-76.40



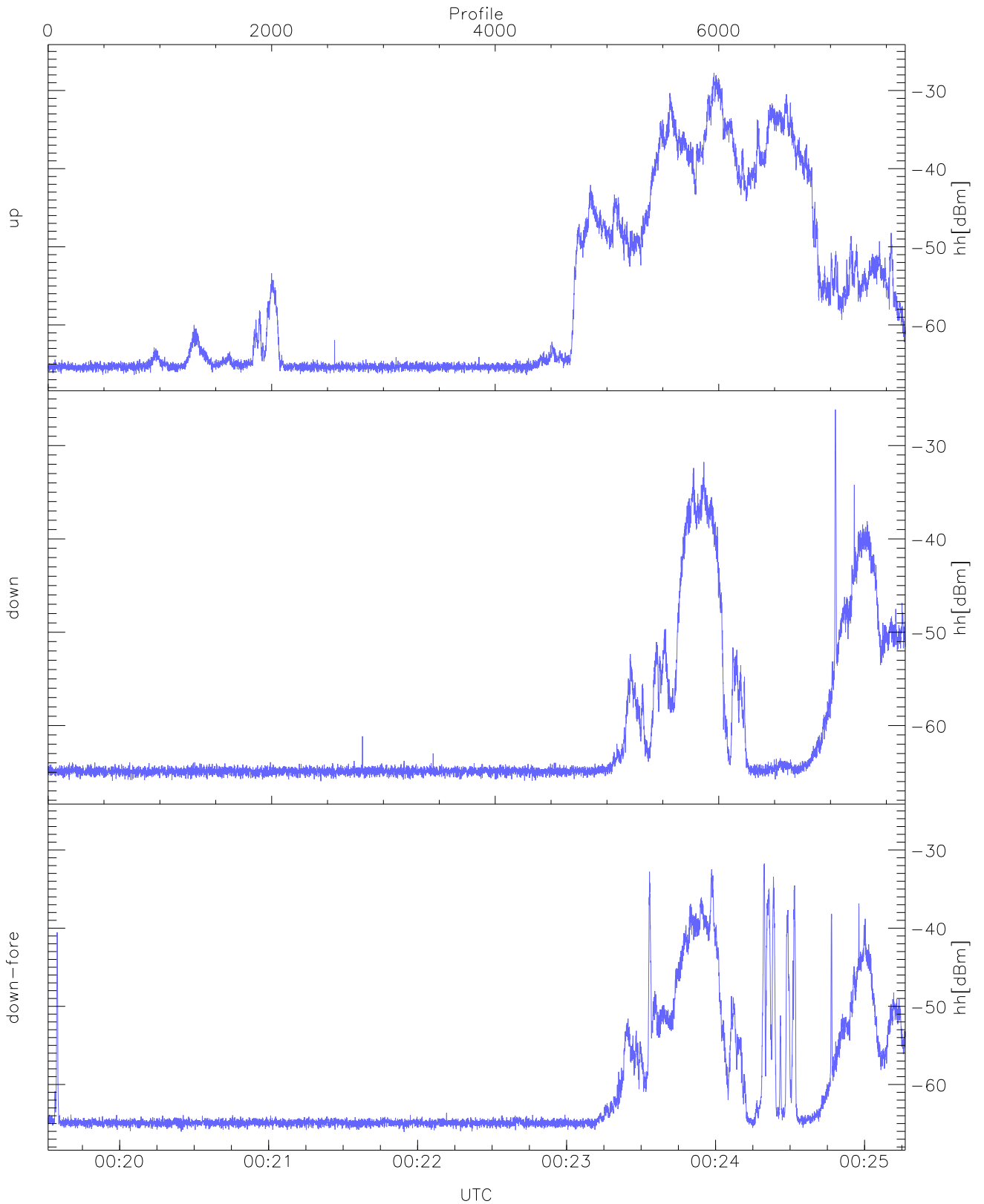
WCR3 CPP Averaged Received power for all recorded gates
blue: 001931-002224, 3836 profiles averaged
red: 002224-002516, 3835 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 001931-002224, 3836 profiles averaged
red: 002224-002516, 3835 profiles averaged

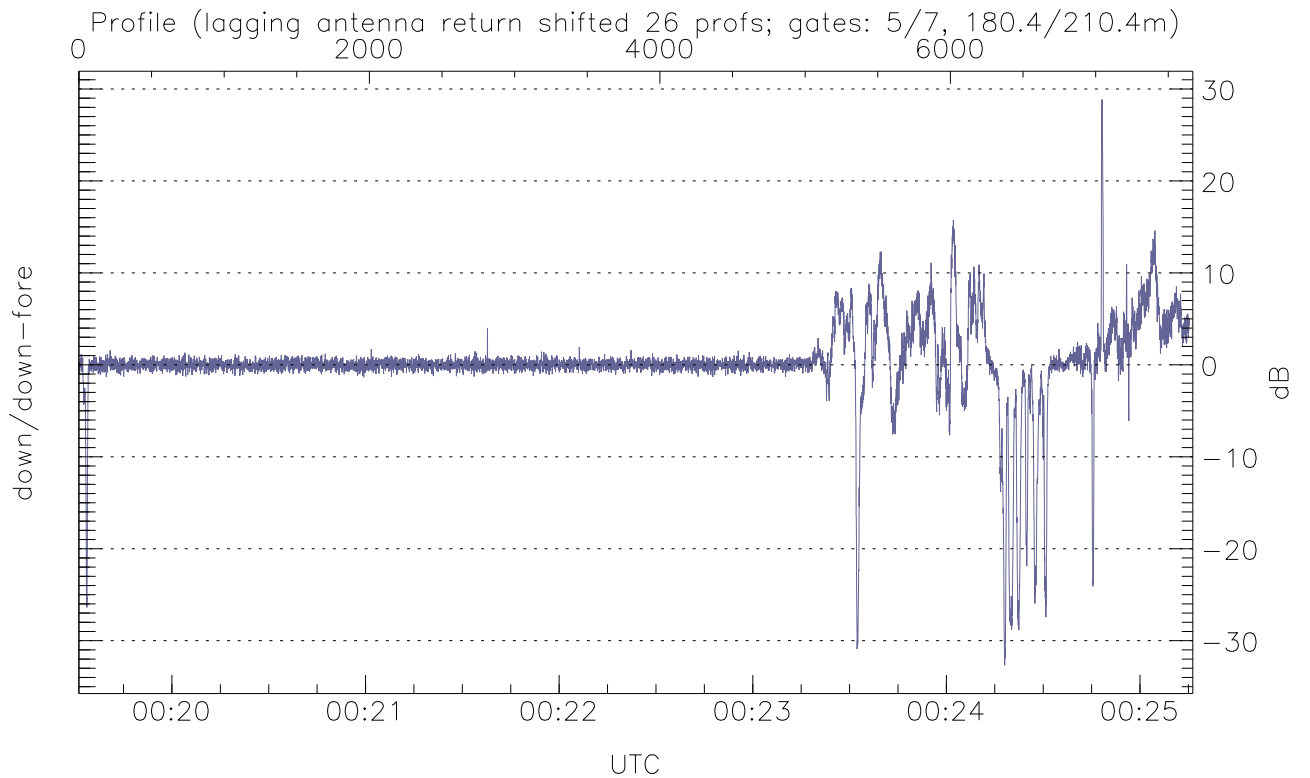
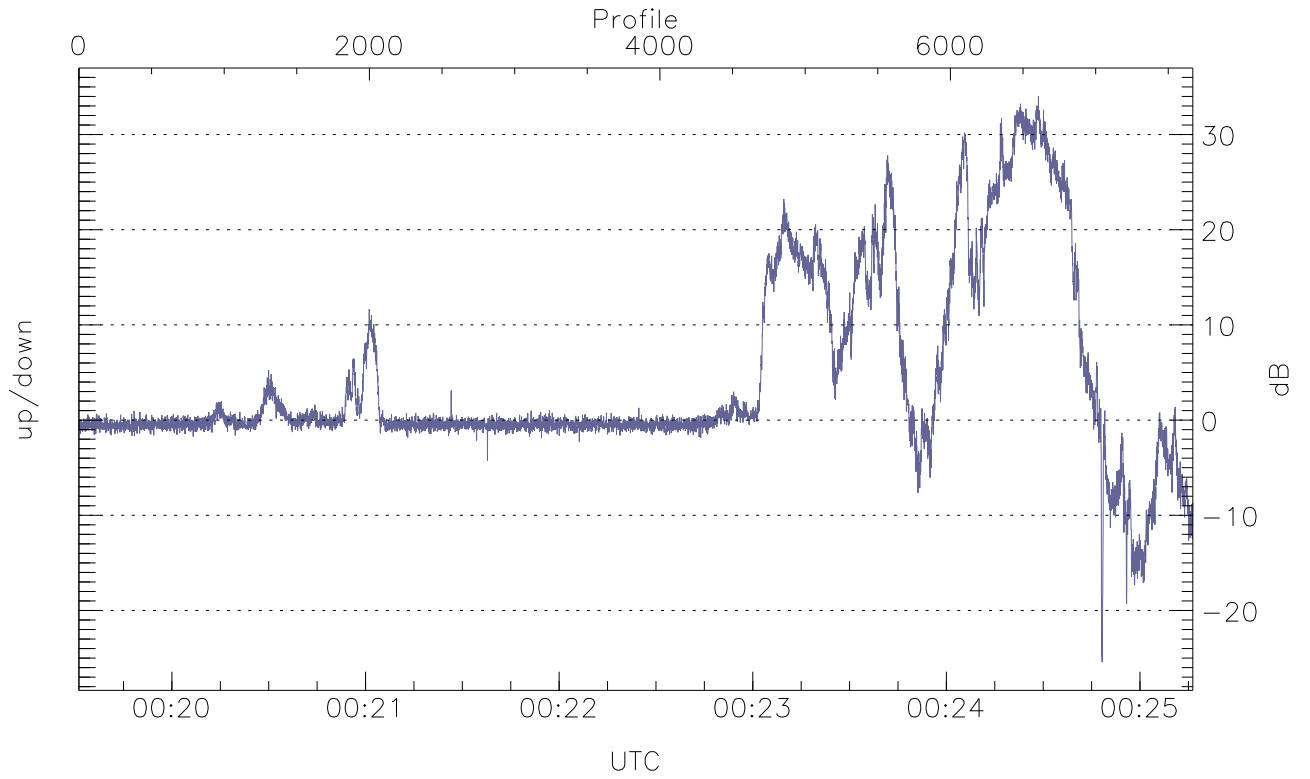


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



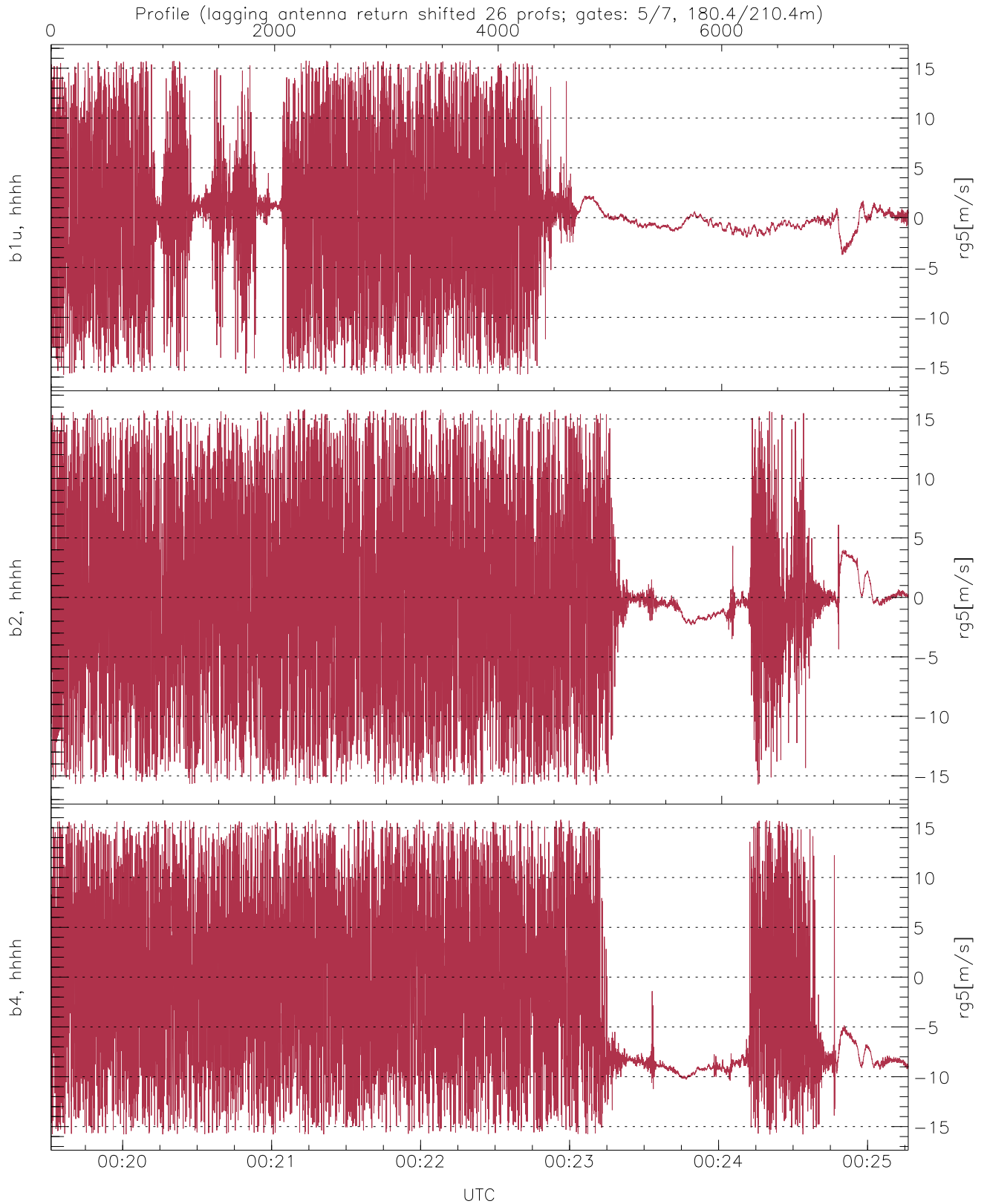
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.40	-27.73	-42.31
down(hh[dBm])	-65.96	-26.14	-48.71
down-fore(hh[dBm])	-66.07	-31.74	-49.62



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

	Min	Max	Mean
up/down (dB)	-25.42	34.02	4.34
down/down-fore (dB)	-32.67	28.85	0.17



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.03	5.97
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.11	7.20
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.55	8.36