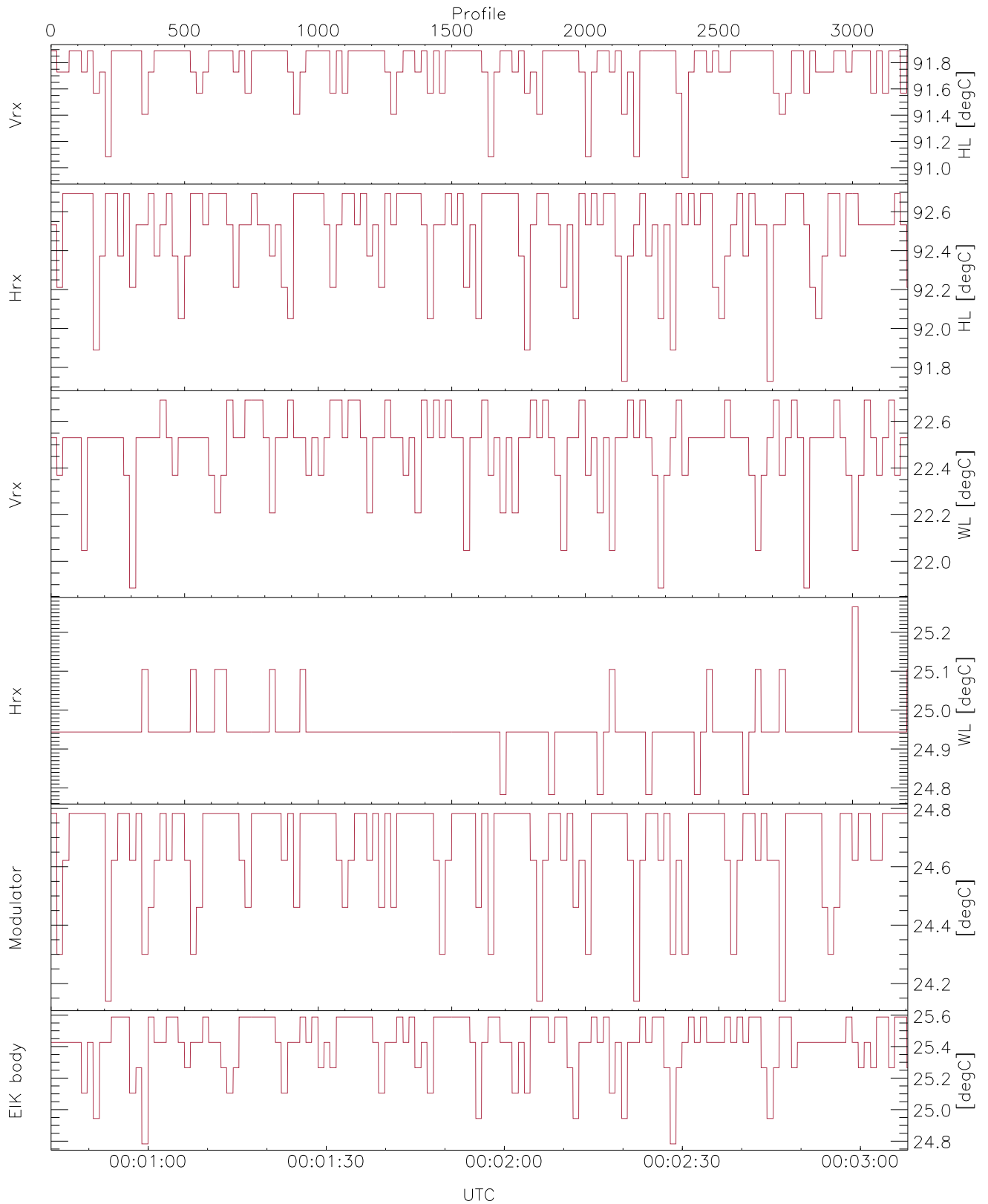


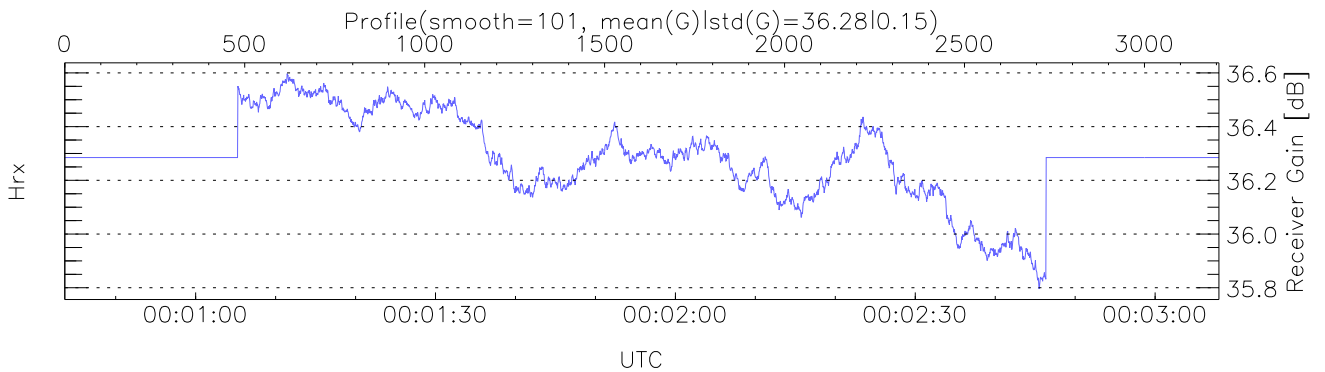
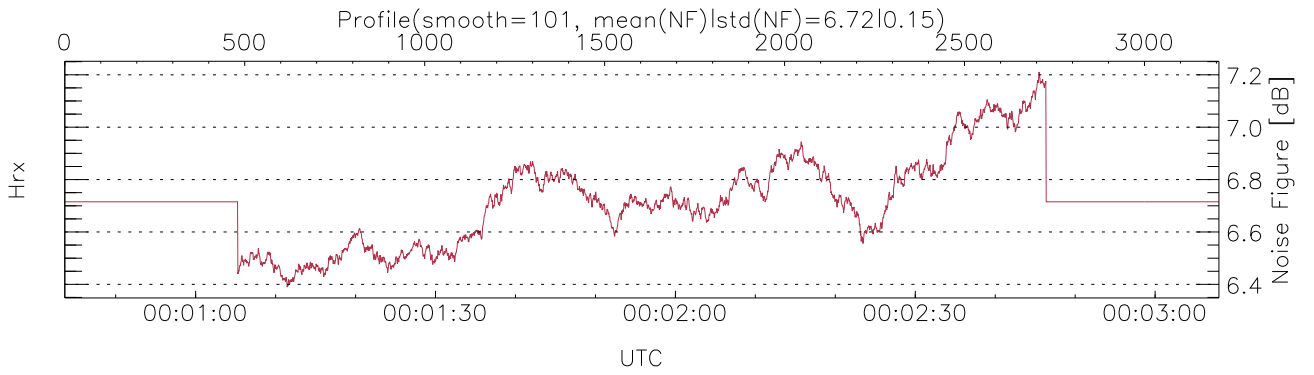
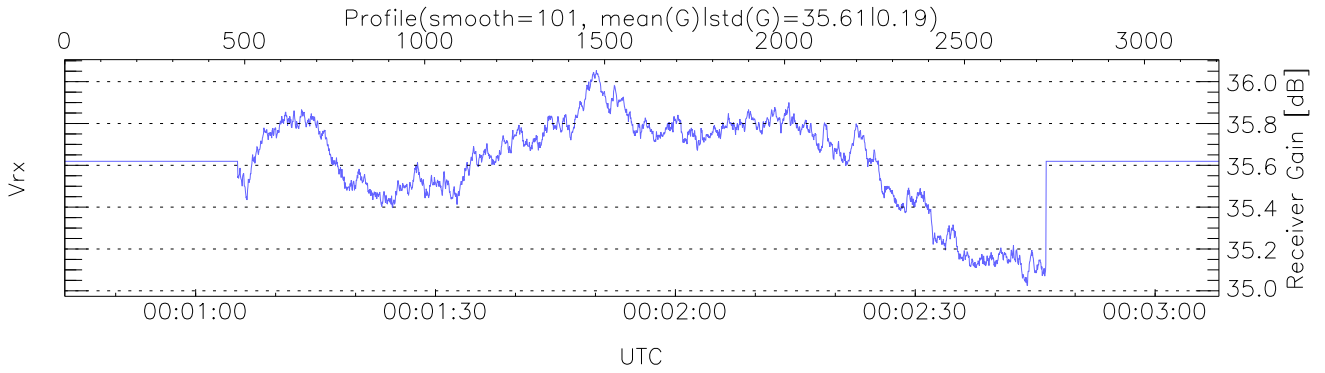
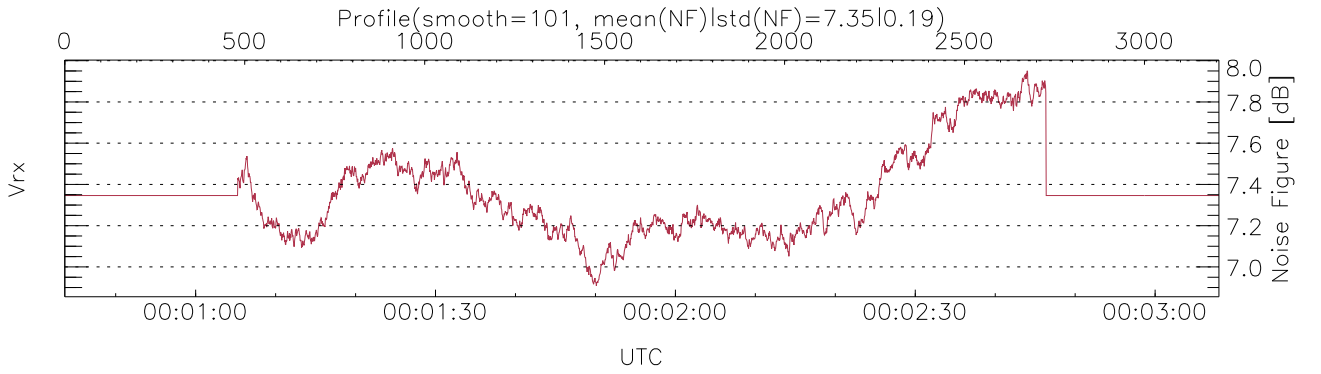
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:00:44-00:03:08, TimeCor: 0.00s, Dur: 144.35s
 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): 3208/3208, 0-3207/00:00:44-00:03:08
 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



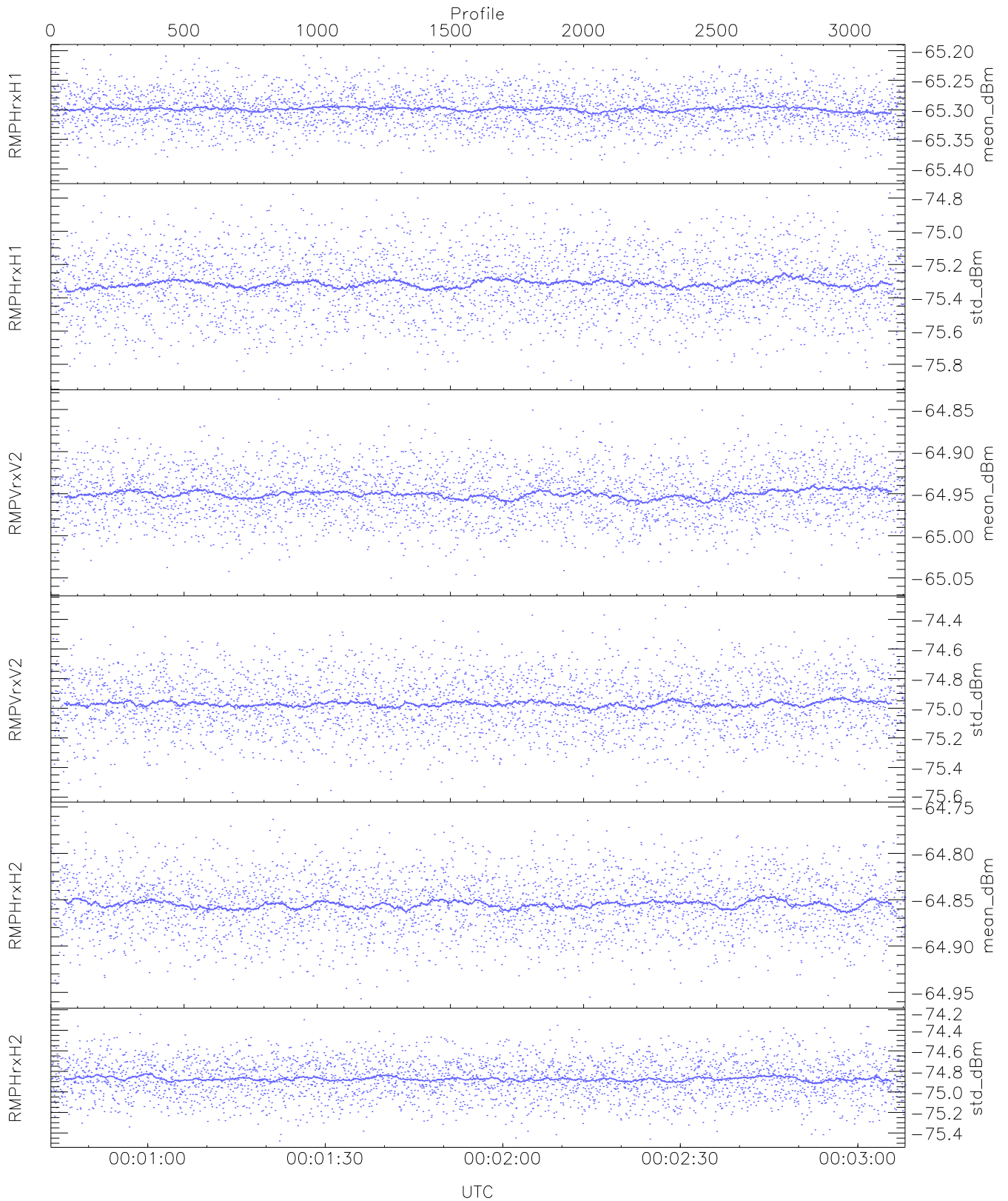
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,25,24,25
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



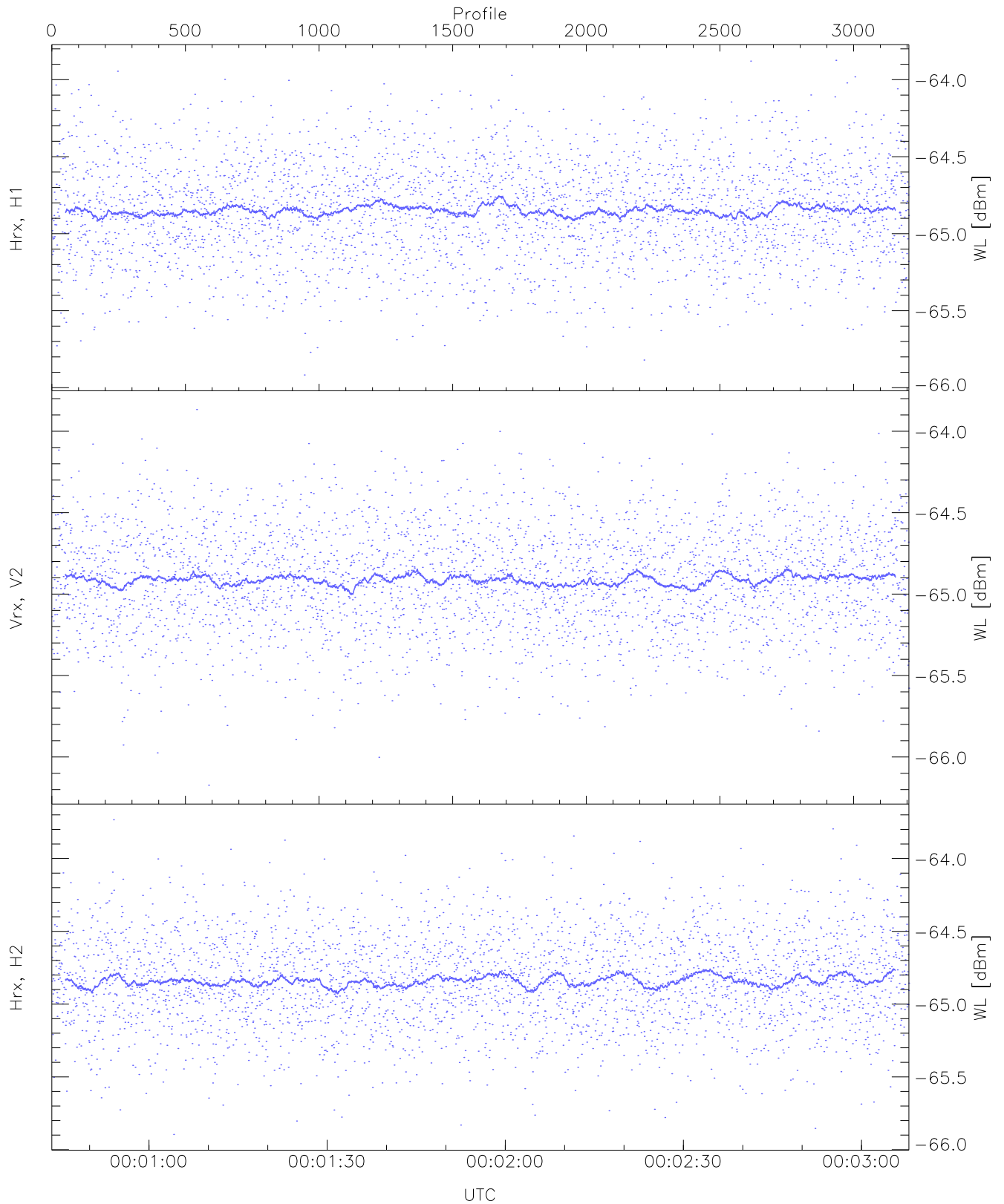
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 2 pixs, 1 gates, 2 profs, 1 prod(s)



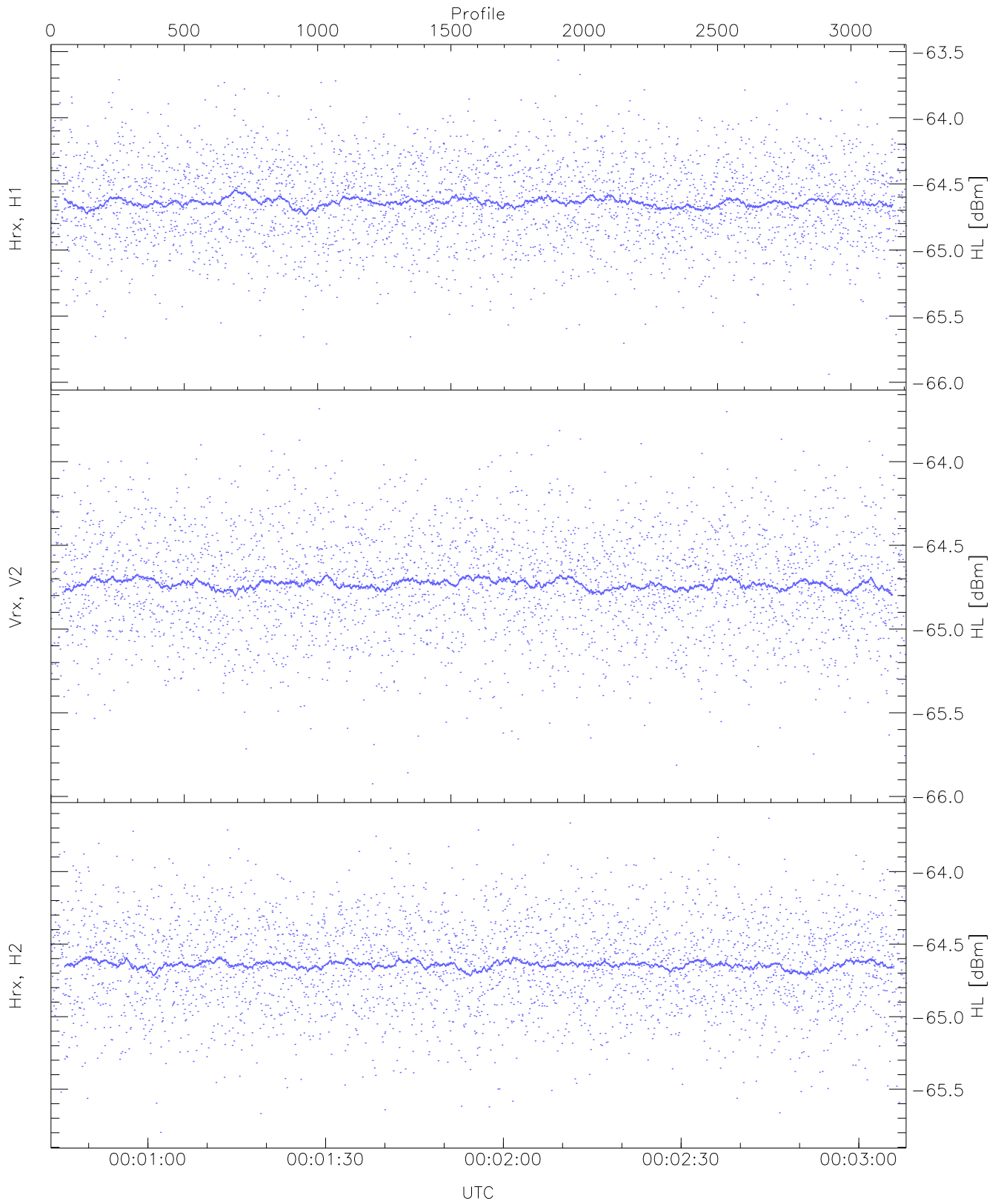
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.41	-65.20	-65.30	-65.30	-86.85
RMPHrxH1 (std_dBm)	-75.90	-74.77	-75.31	-75.31	-89.03
RMPVrxV2 (mean_dBm)	-65.06	-64.84	-64.95	-64.95	-86.55
RMPVrxV2 (std_dBm)	-75.57	-74.30	-74.97	-74.97	-88.65
RMPHrxH2 (mean_dBm)	-64.96	-64.75	-64.86	-64.85	-86.43
RMPHrxH2 (std_dBm)	-75.48	-74.25	-74.87	-74.87	-88.69



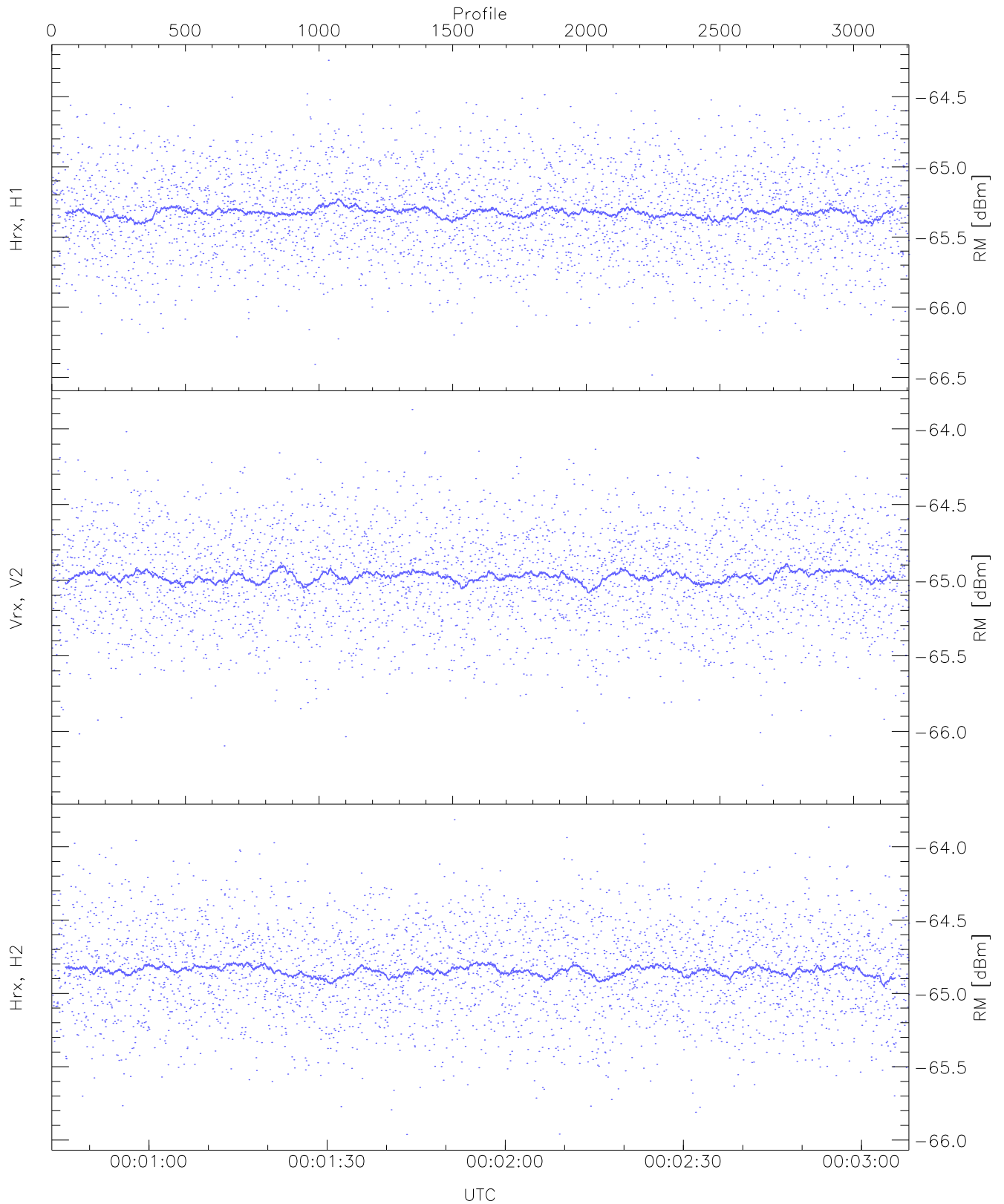
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.92	-63.87	-64.84	-64.85	-76.37
Vrx, V2(WL [dBm])	-66.17	-63.87	-64.90	-64.91	-76.45
Hrx, H2(WL [dBm])	-65.90	-63.73	-64.83	-64.85	-76.39



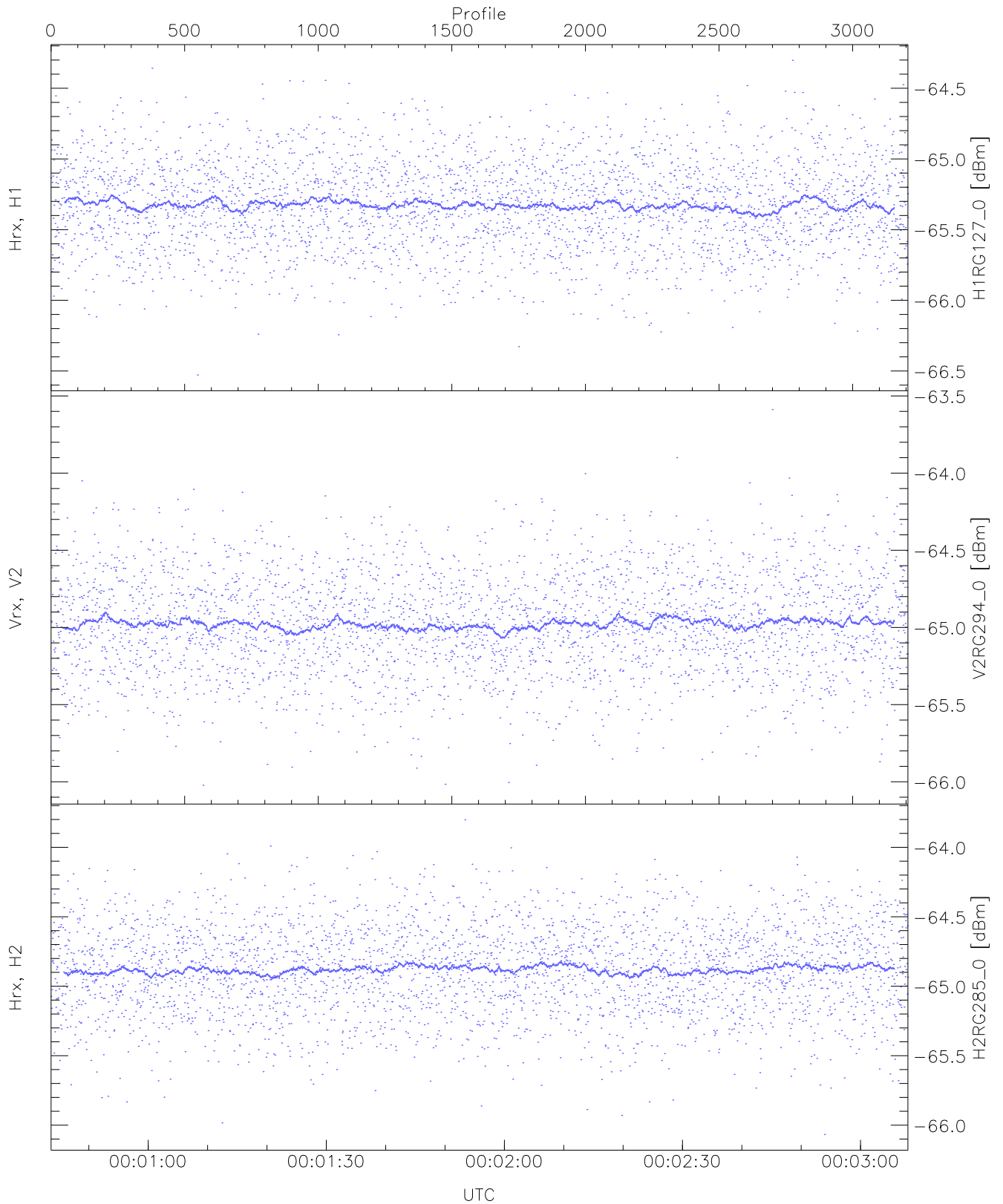
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.94	-63.57	-64.63	-64.64	-76.10
Vrx, V2 (HL [dBm])	-65.92	-63.68	-64.72	-64.73	-76.25
Hrx, H2 (HL [dBm])	-65.80	-63.63	-64.63	-64.64	-76.15



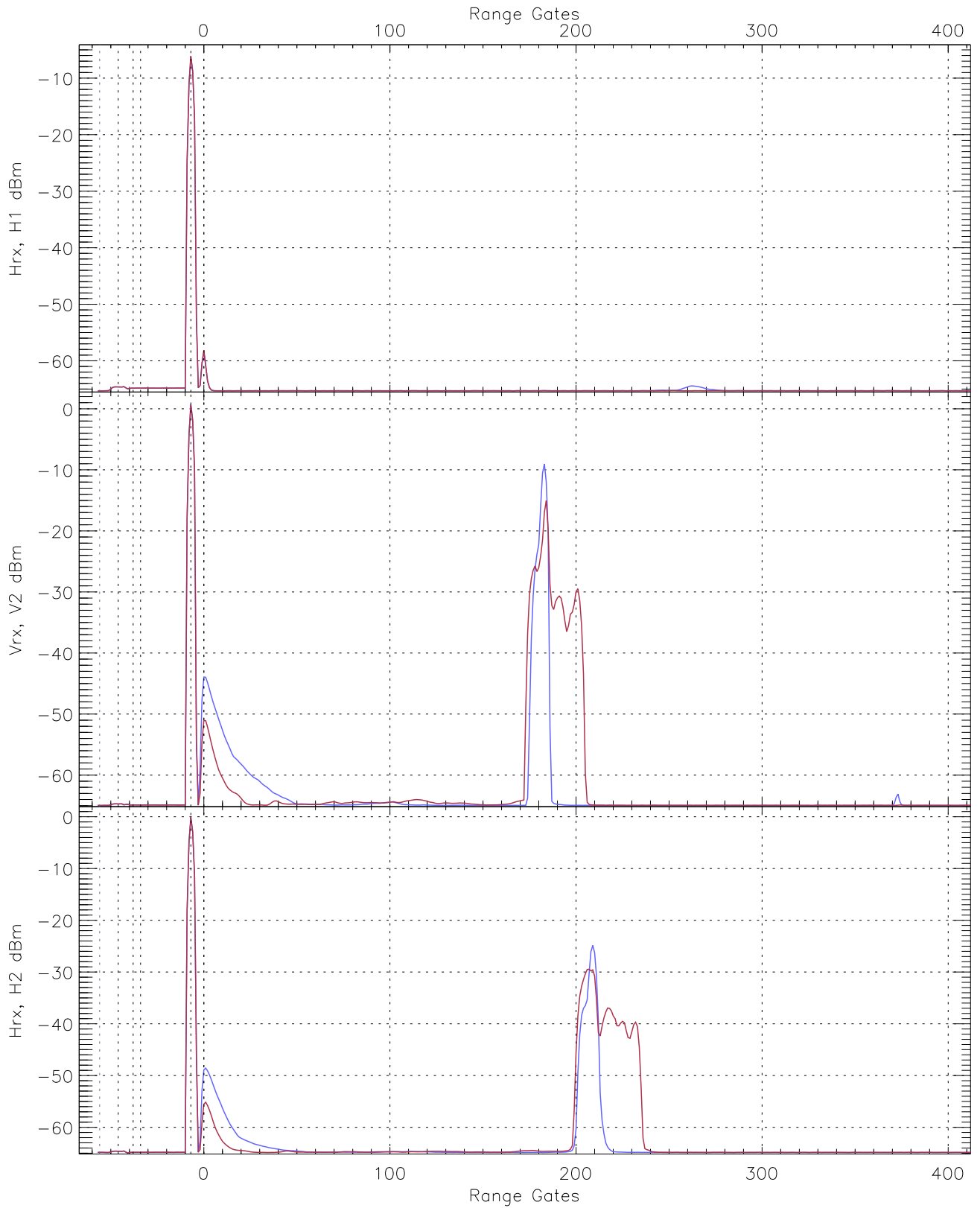
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.48	-64.24	-65.32	-65.33	-76.83
Vrx, V2 (RM [dBm])	-66.36	-63.87	-64.97	-64.97	-76.43
Hrx, H2 (RM [dBm])	-65.96	-63.82	-64.84	-64.84	-76.40

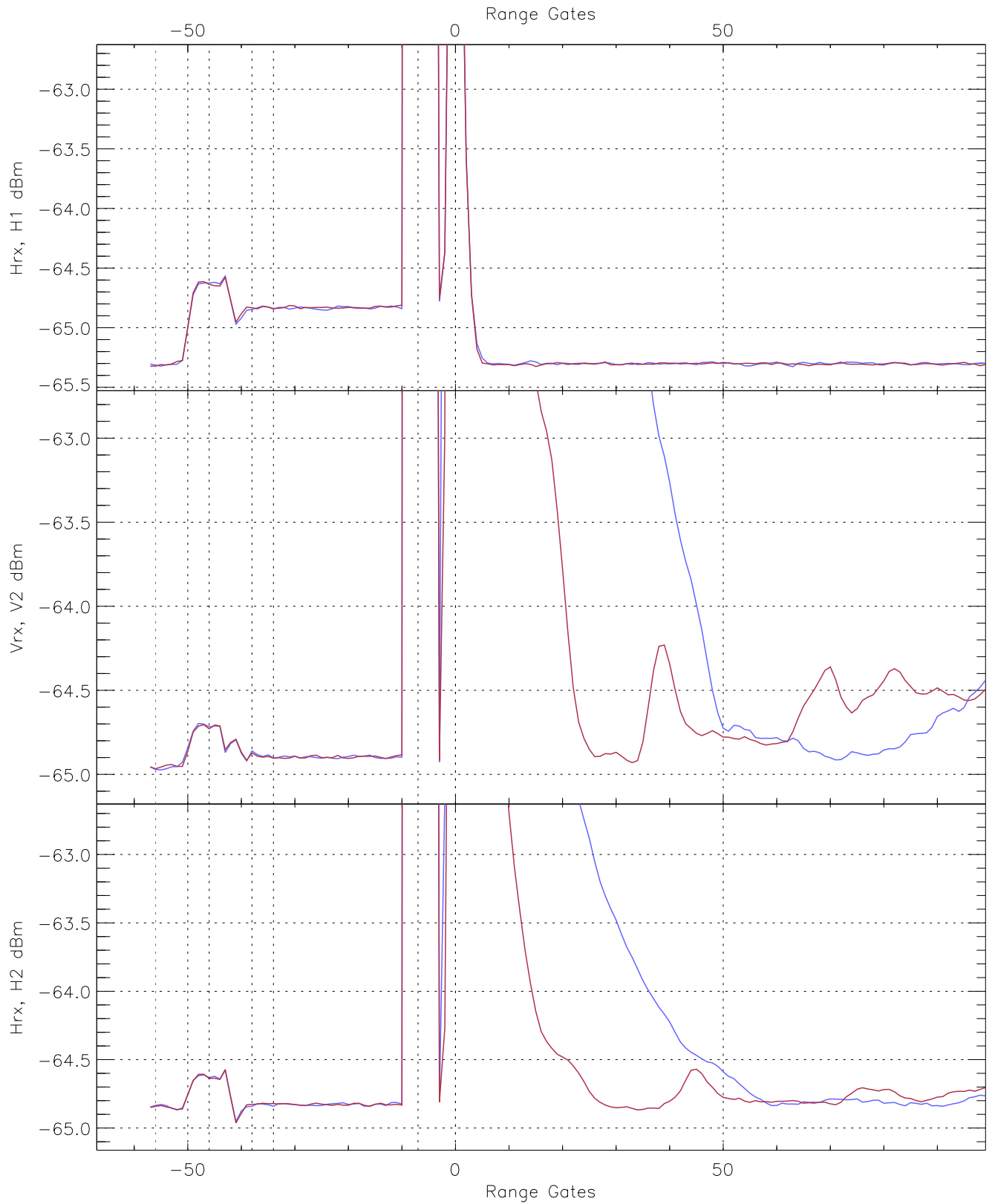


WCR3 CPP "Best" estimate Receivers Noise Power

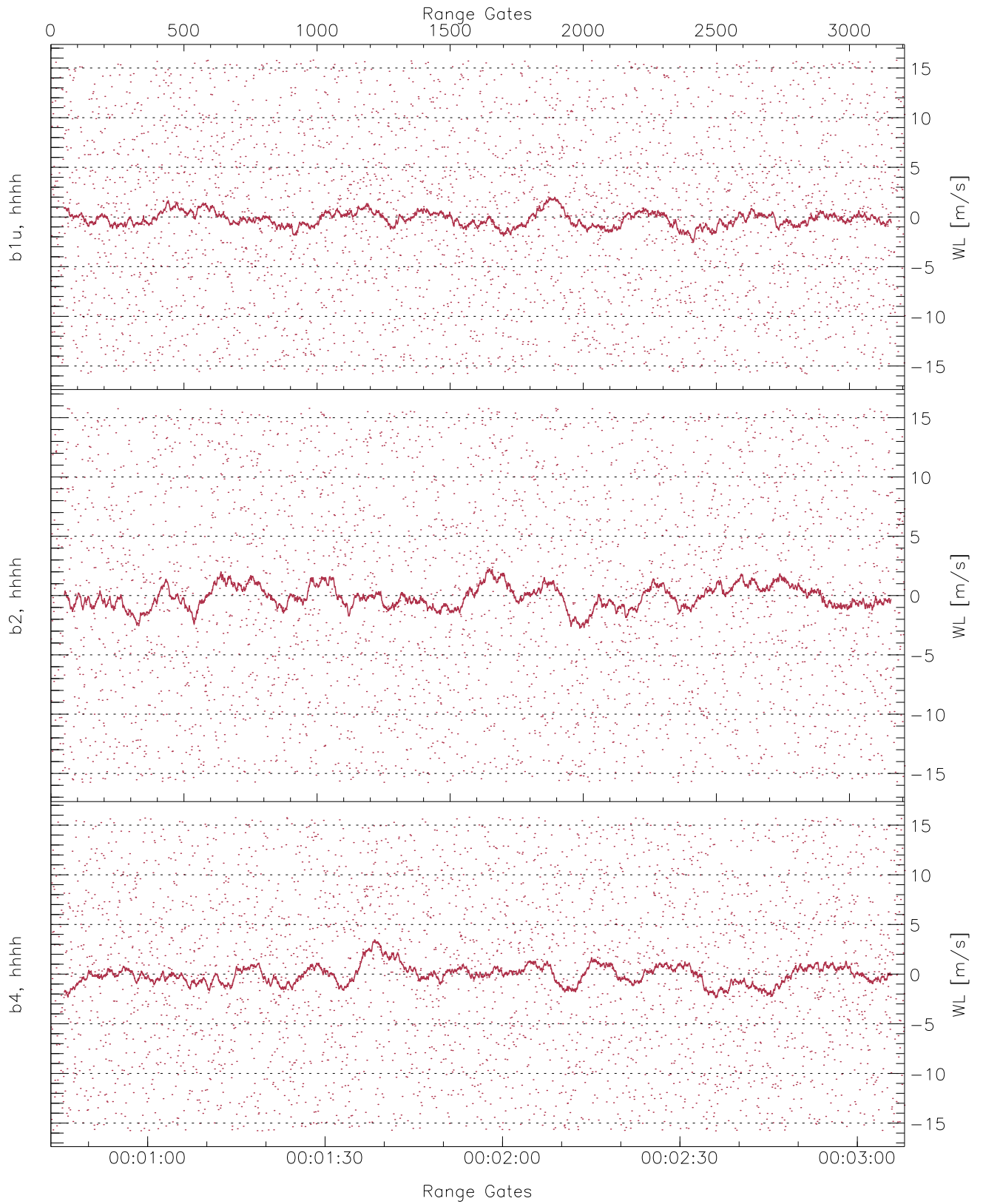
	Min	Max	Mean	Median	StDev
H1RG127_0 [dBm]	-66.53	-64.30	-65.32	-65.33	-76.86
V2RG294_0 [dBm]	-66.02	-63.59	-64.97	-64.98	-76.43
H2RG285_0 [dBm]	-66.07	-63.80	-64.87	-64.87	-76.39



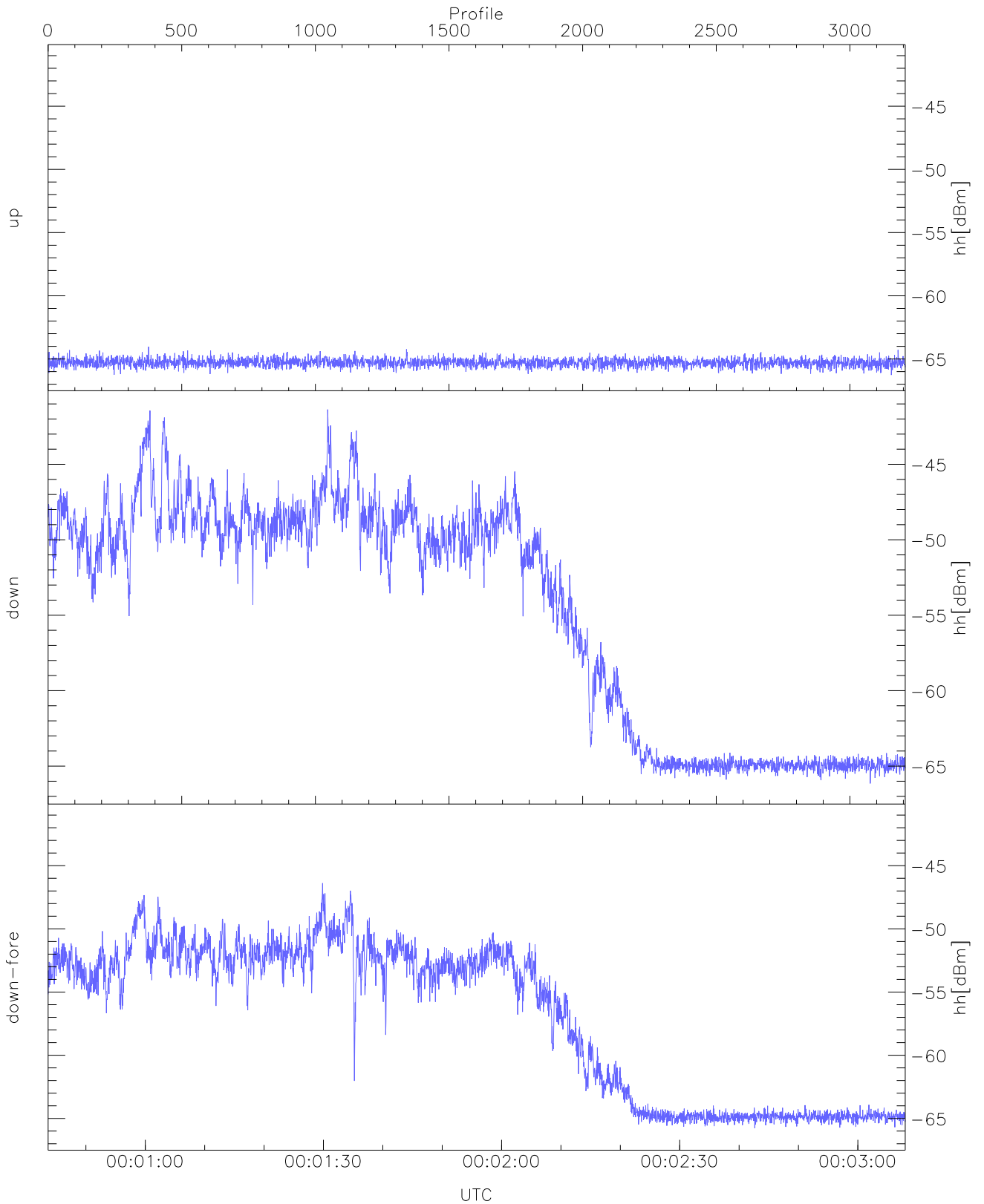
WCR3 CPP Averaged Received power for all recorded gates
blue: 000044-000156, 1605 profiles averaged
red: 000156-000308, 1604 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 000044-000156, 1605 profiles averaged
red: 000156-000308, 1604 profiles averaged

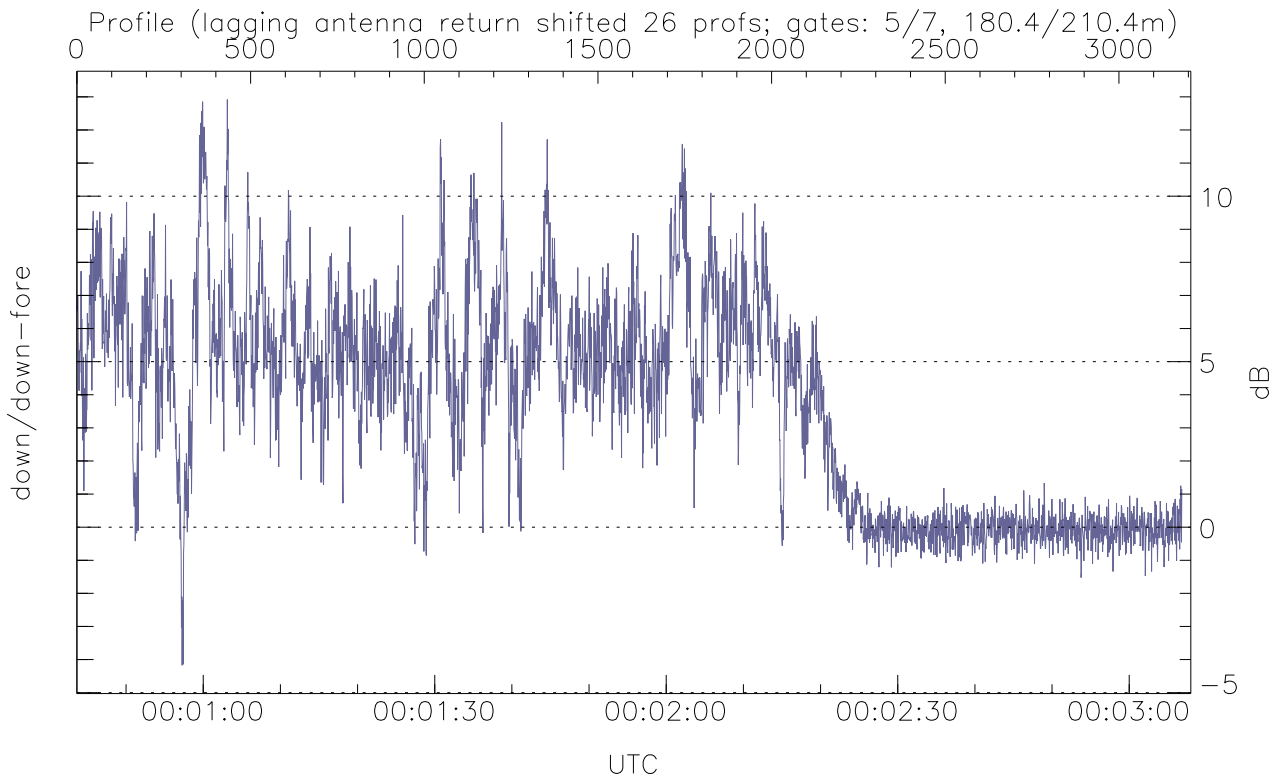
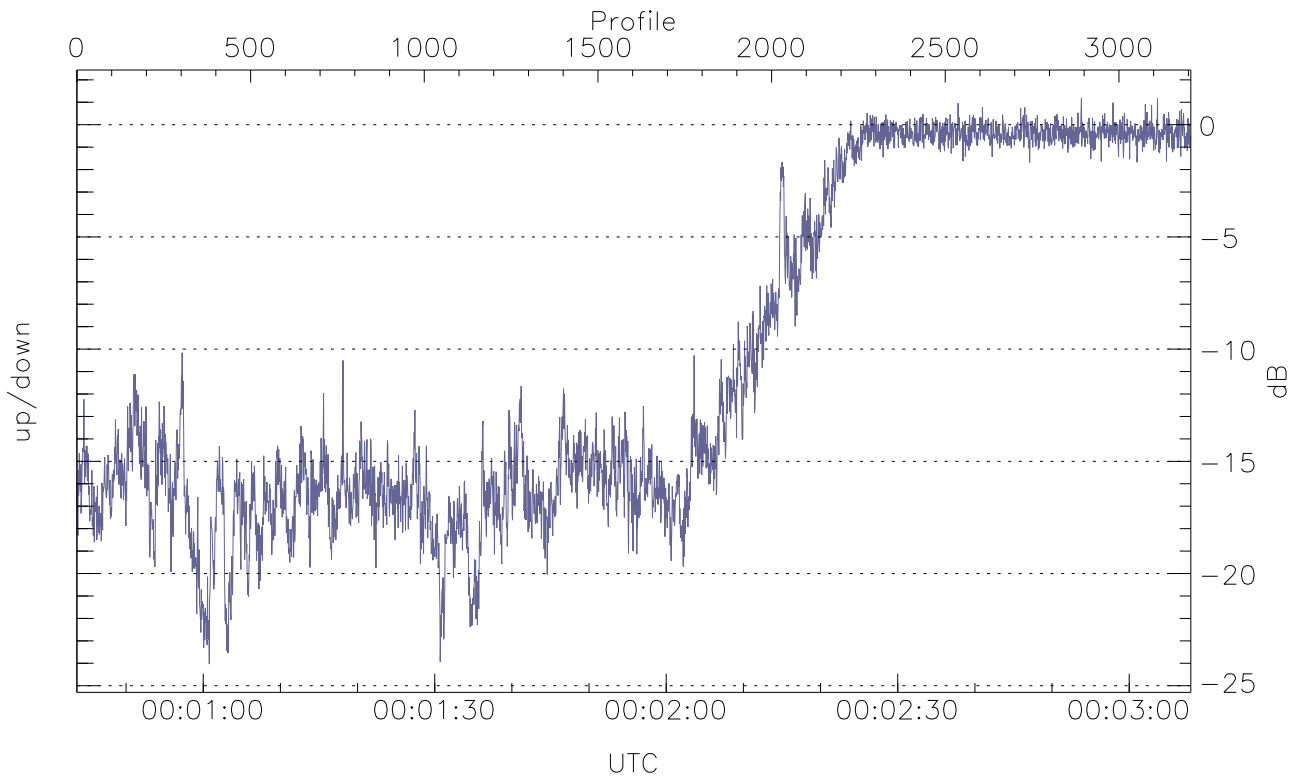


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



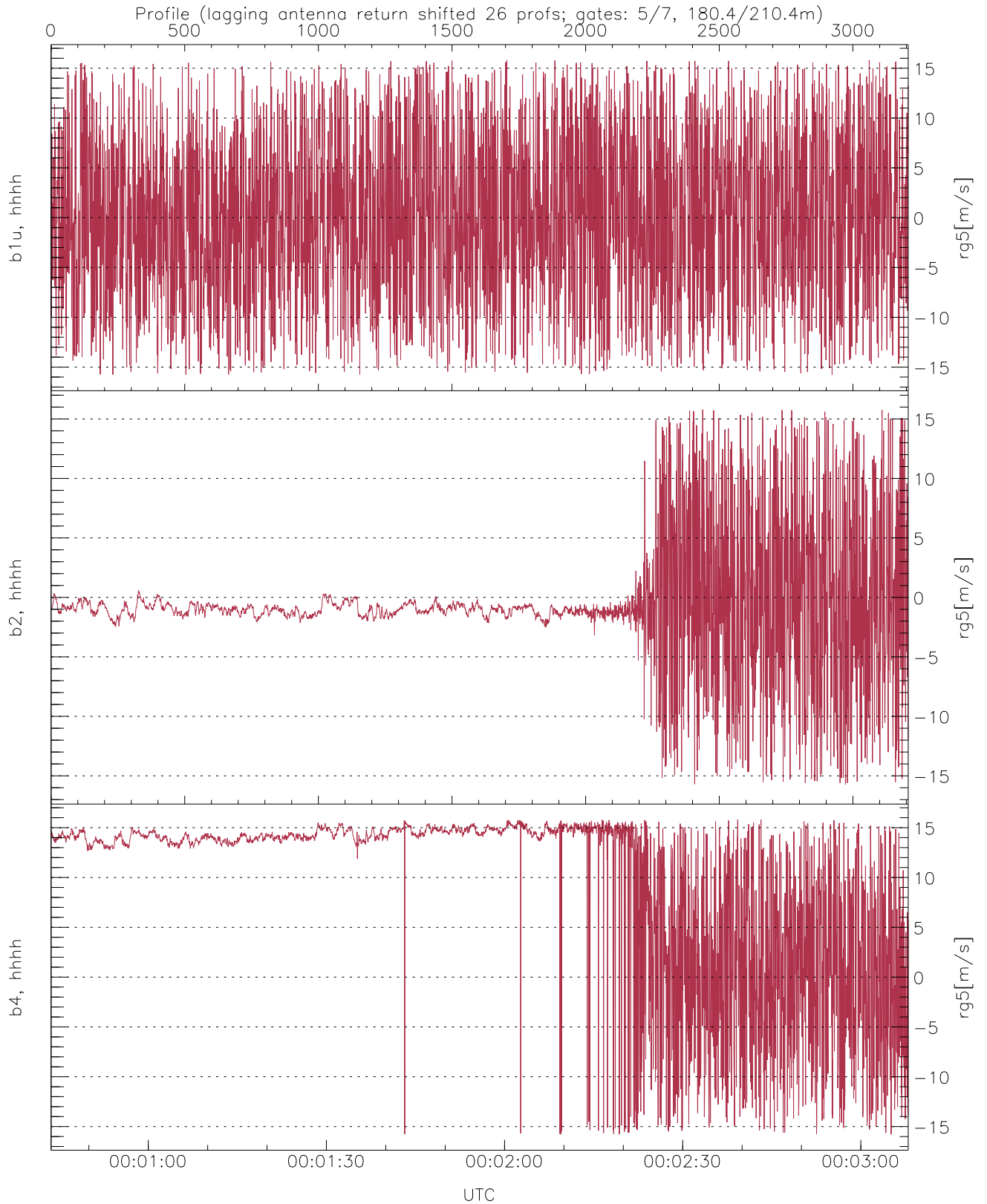
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.27	-64.03	-65.27
down(hh[dBm])	-66.15	-41.37	-50.43
down-fore(hh[dBm])	-65.77	-46.38	-54.00



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

	Min	Max	Mean
up/down (dB)	-24.03	1.18	-10.48
down/down-fore (dB)	-4.17	12.92	3.74



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.10	8.26
b2, hhhh(rg5[m/s])	-15.72	15.79	-0.66	4.68
b4, hhhh(rg5[m/s])	-15.78	15.79	9.63	8.56