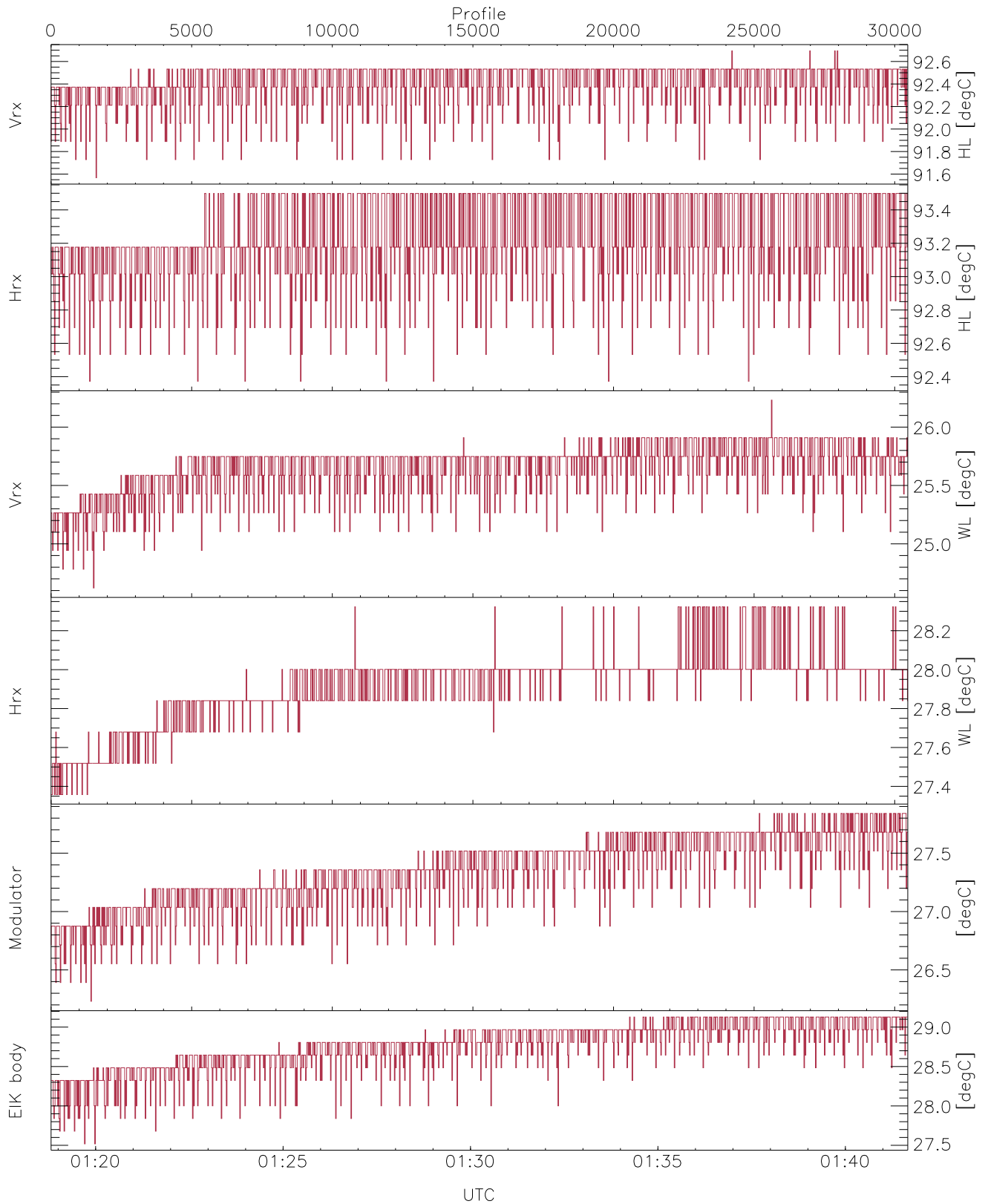


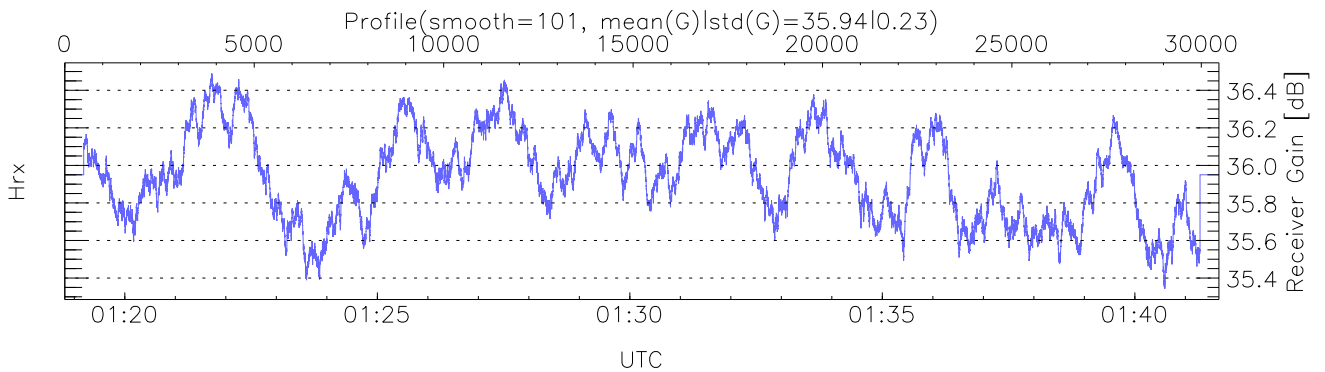
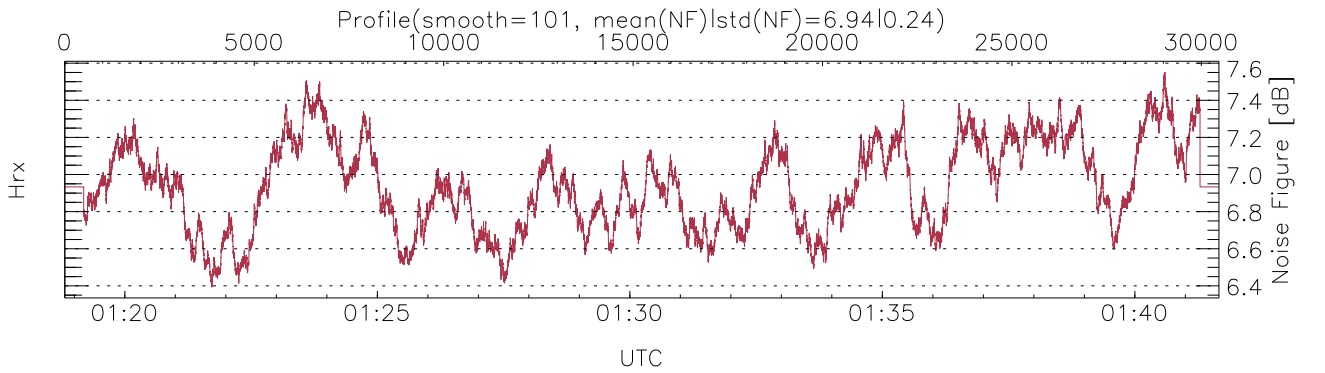
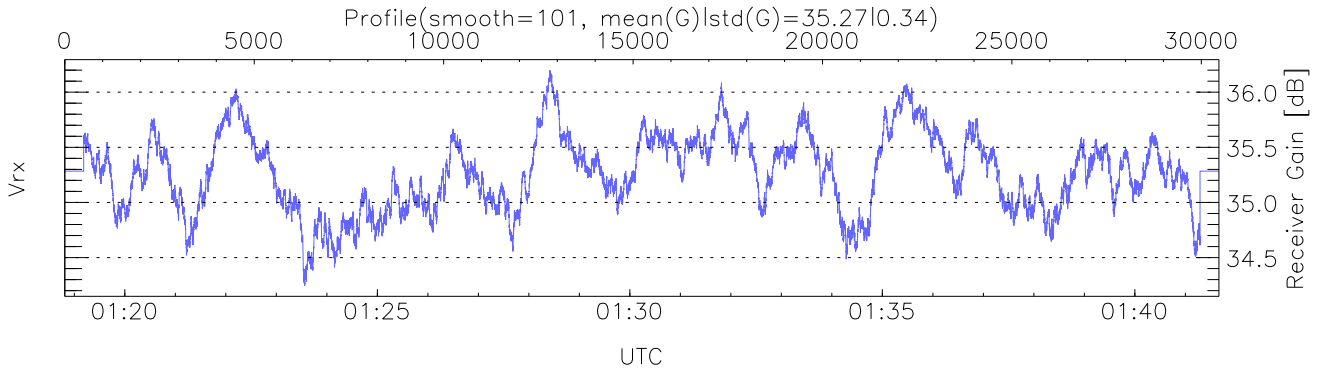
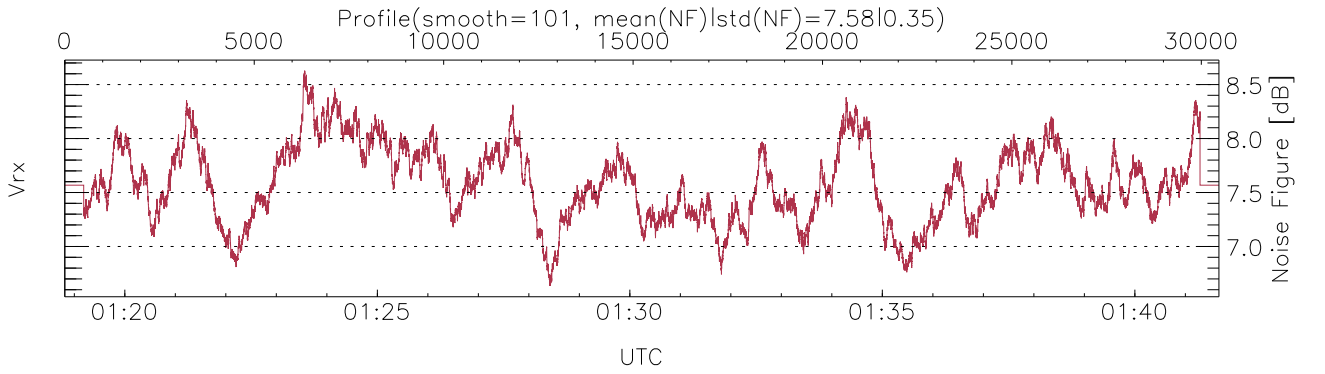
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:18:49-01:41:40, TimeCor: 0.00s, Dur: 1371.27s
 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): 30466/30466, 0-30465/01:18:49-01:41:40
 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



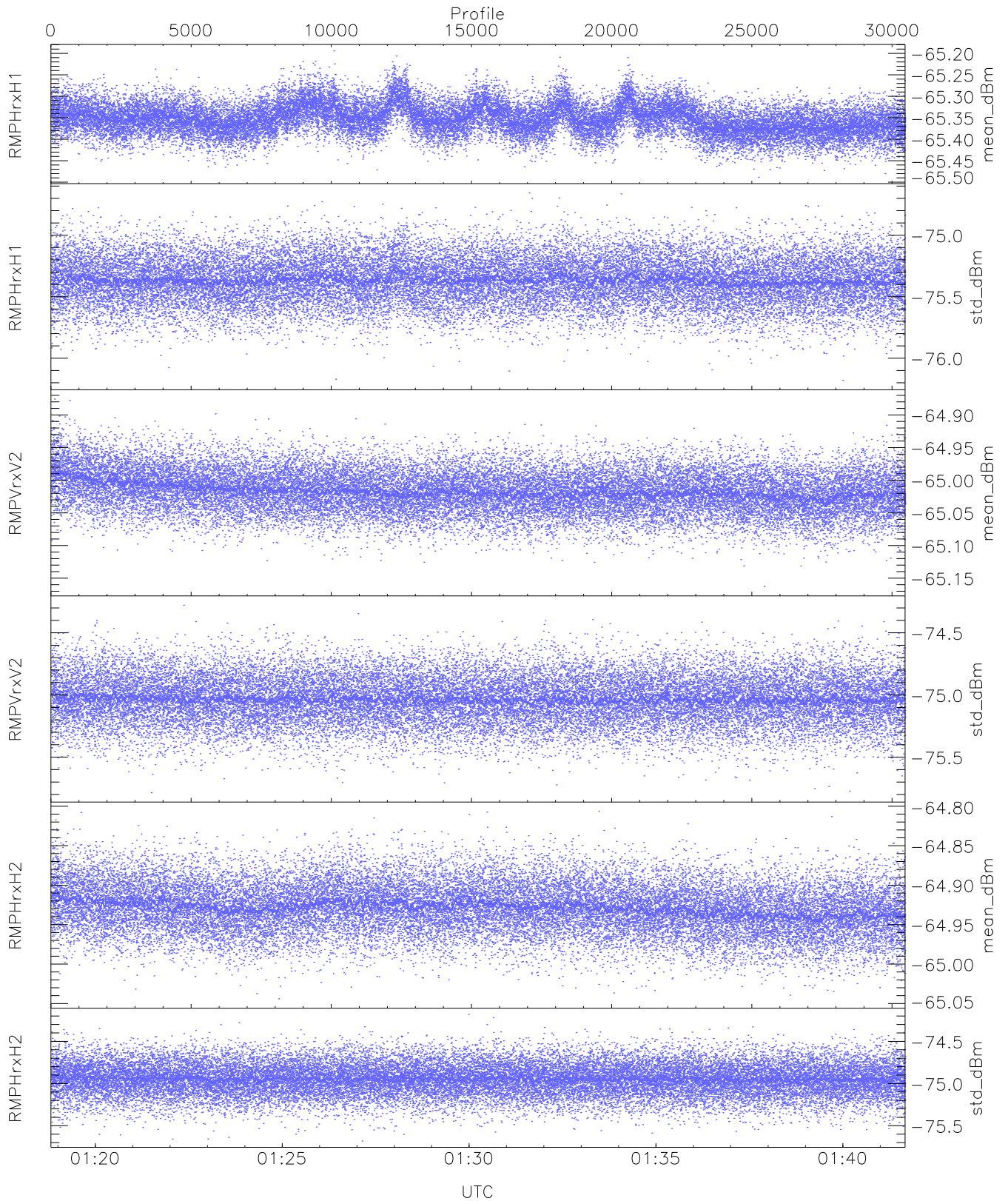
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,26,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,27,29
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



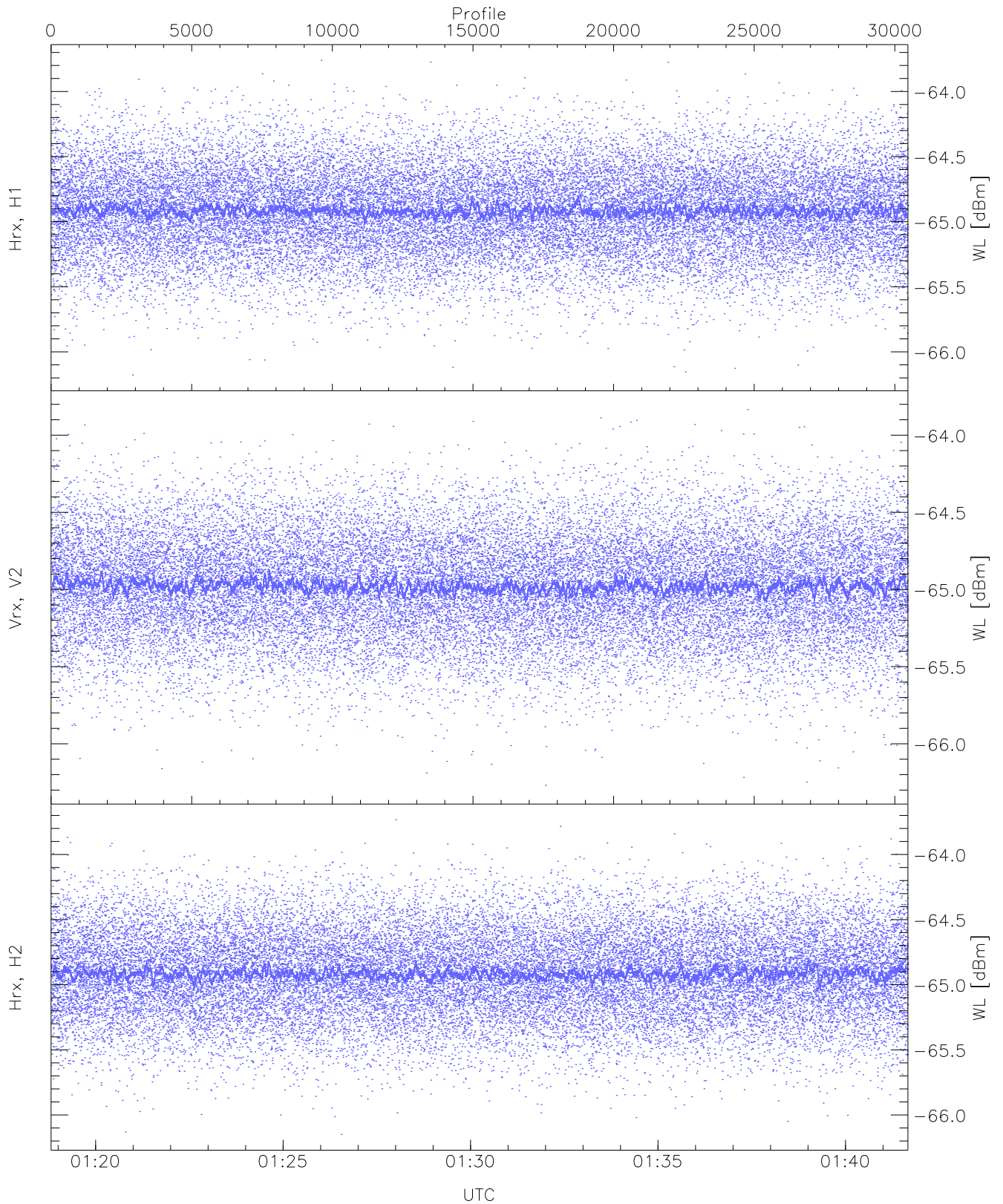
WCR3 CPP Receivers Gain and Noise Figure

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



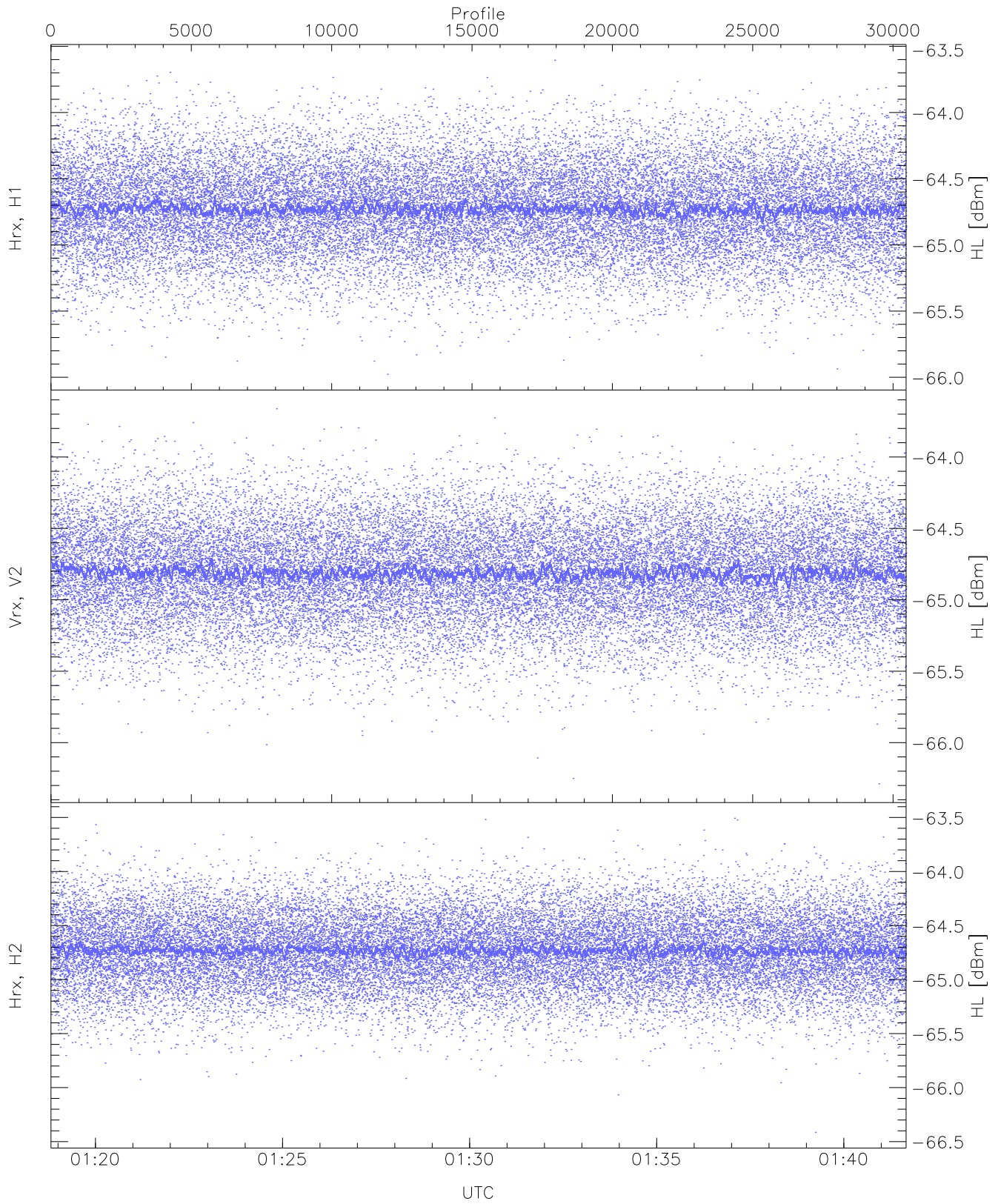
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.19	-65.35	-65.35	-86.26
RMPHrxH1(std_dBm)	-76.18	-74.66	-75.37	-75.37	-89.16
RMPVrxV2(mean_dBm)	-65.16	-64.88	-65.02	-65.02	-86.44
RMPVrxV2(std_dBm)	-75.79	-74.28	-75.03	-75.04	-88.79
RMPHrxH2(mean_dBm)	-65.04	-64.81	-64.93	-64.93	-86.49
RMPHrxH2(std_dBm)	-75.68	-74.18	-74.95	-74.95	-88.72



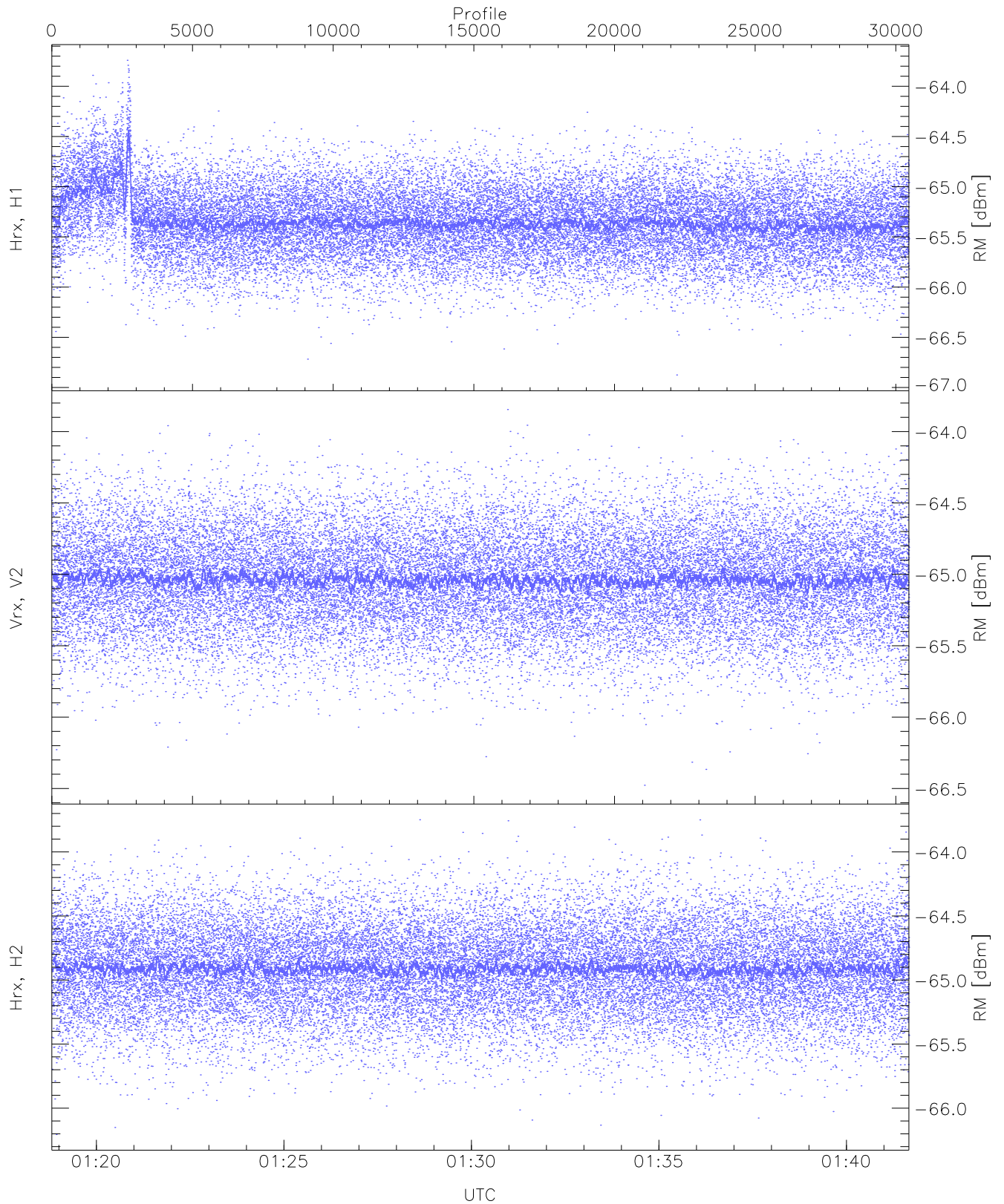
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.76	-64.91	-64.92	-76.41
Vrx, V2 (WL [dBm])	-66.27	-63.83	-64.97	-64.98	-76.48
Hrx, H2 (WL [dBm])	-66.15	-63.73	-64.91	-64.92	-76.41



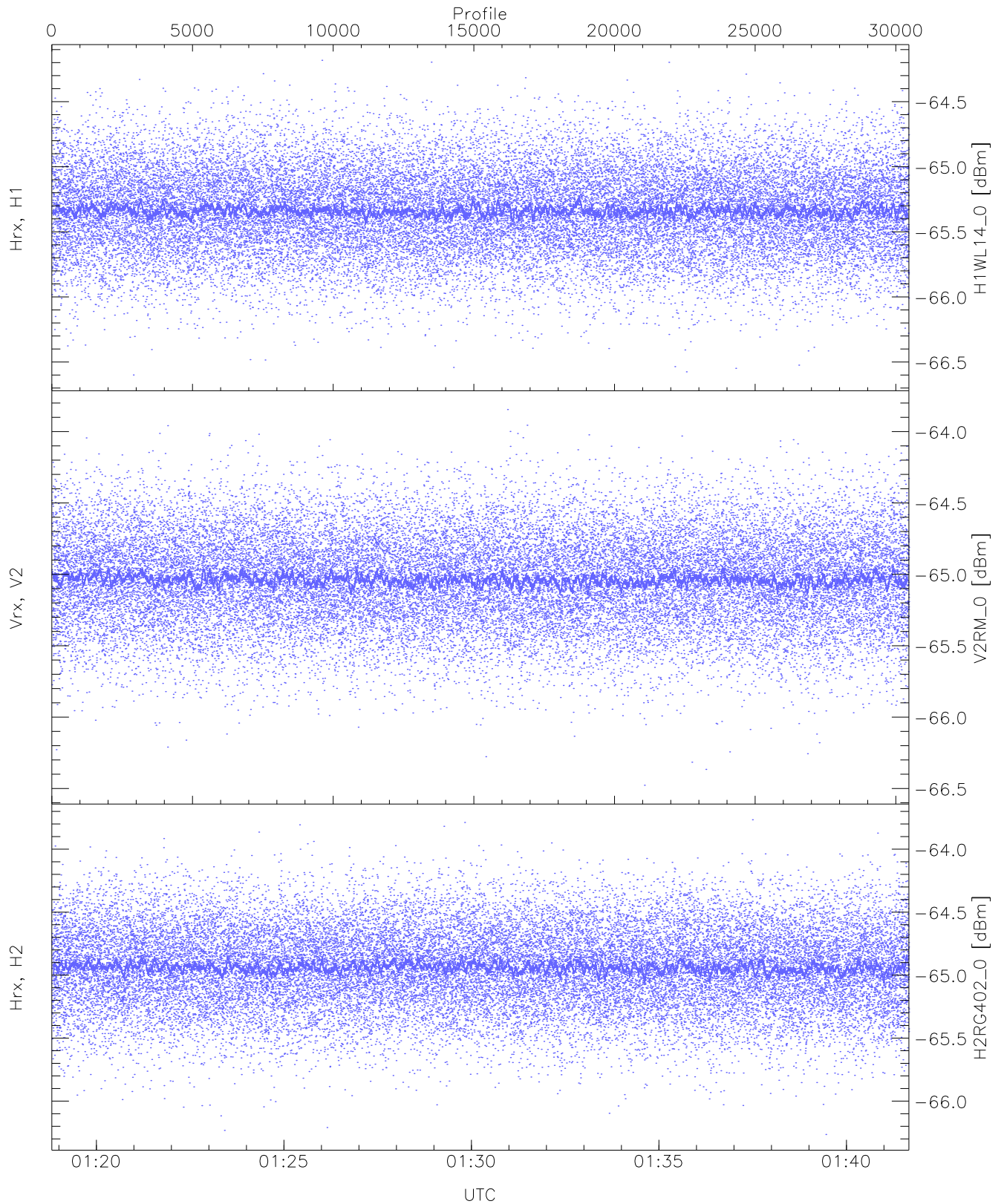
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.60	-64.72	-64.73	-76.22
Vrx, V2 (HL [dBm])	-66.29	-63.66	-64.80	-64.81	-76.30
Hrx, H2 (HL [dBm])	-66.41	-63.51	-64.72	-64.73	-76.20



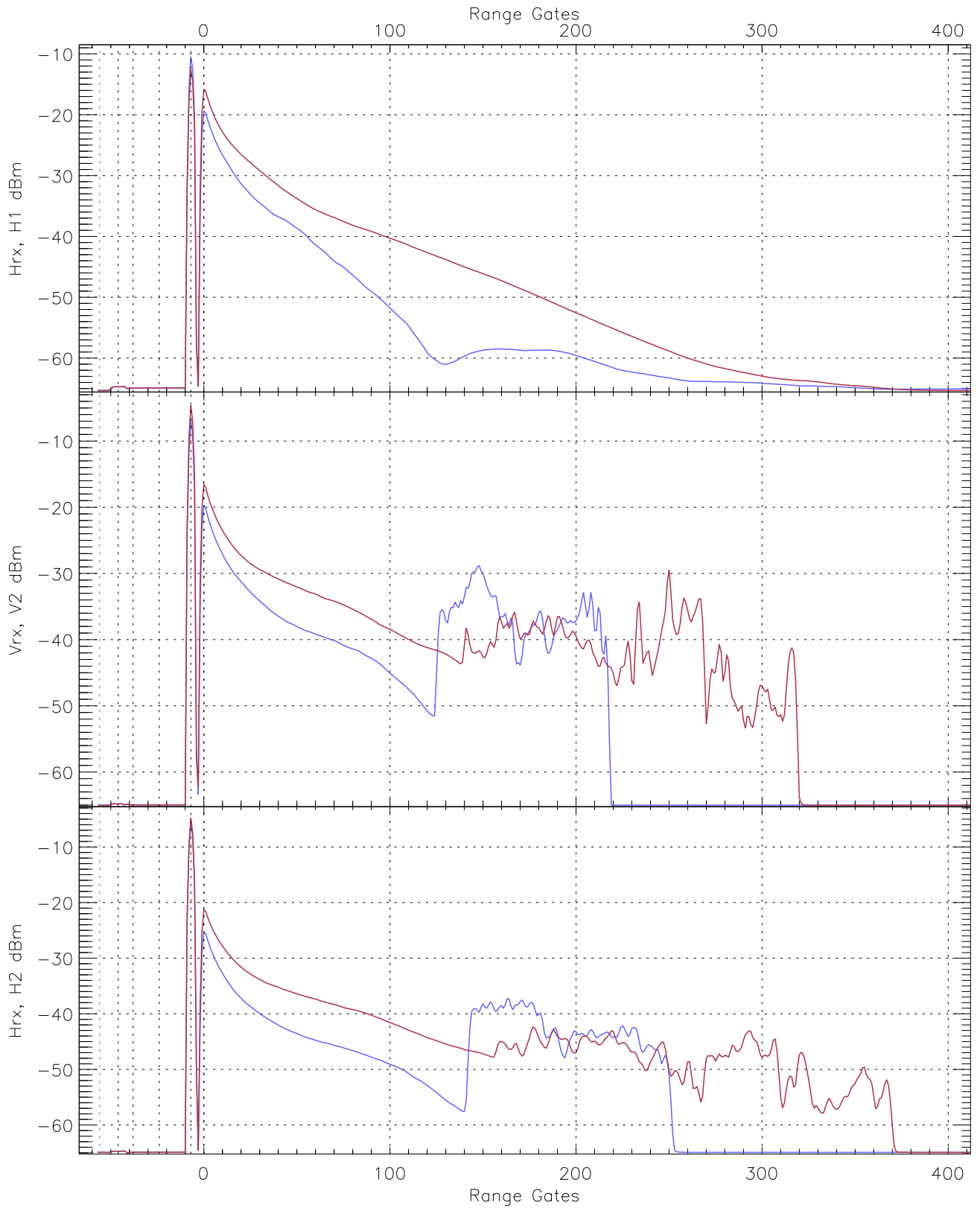
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.88	-63.74	-65.33	-65.35	-76.48
Vrx, V2 (RM [dBm])	-66.48	-63.85	-65.03	-65.04	-76.55
Hrx, H2 (RM [dBm])	-66.21	-63.75	-64.91	-64.91	-76.41

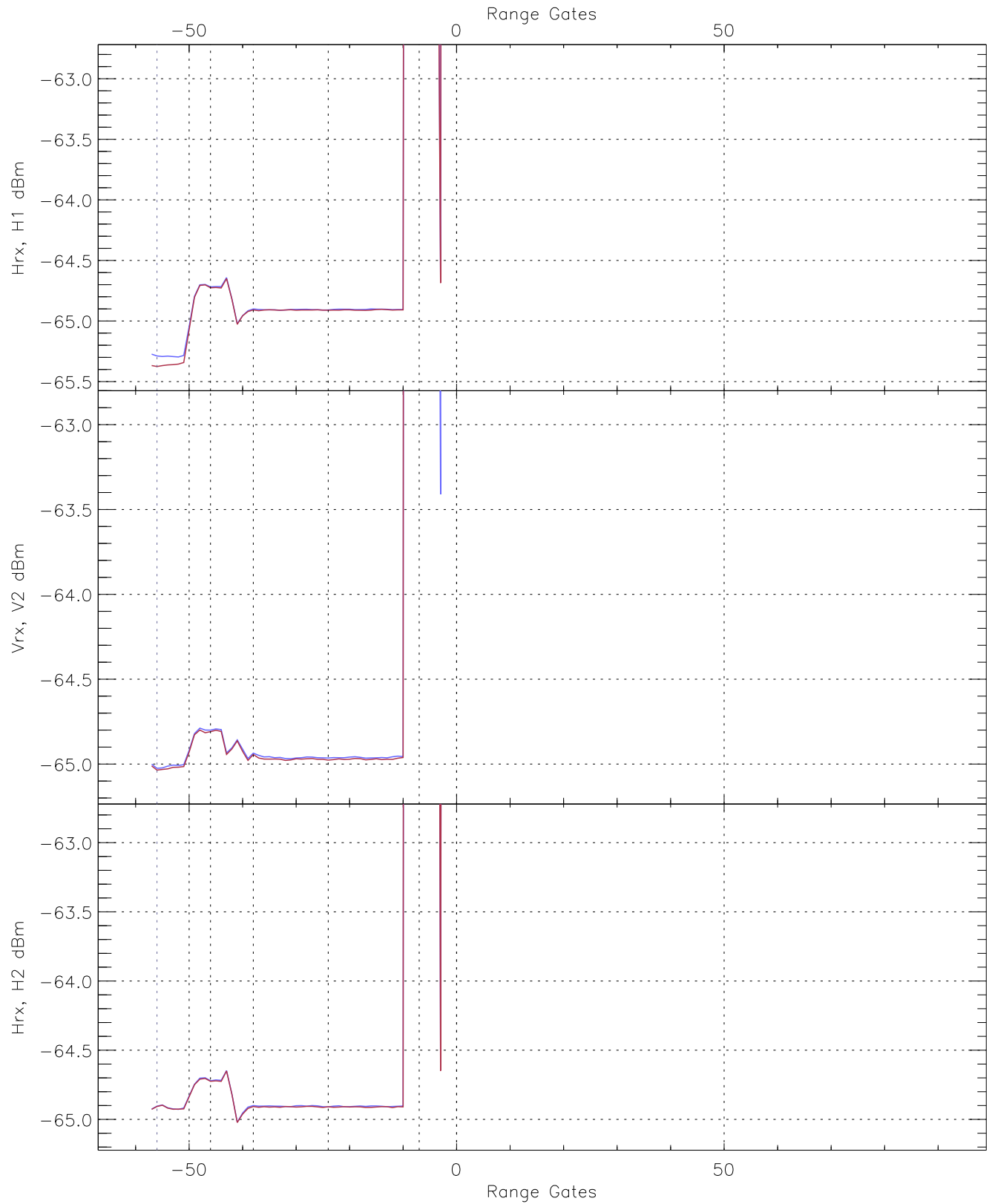


WCR3 CPP "Best" estimate Receivers Noise Power

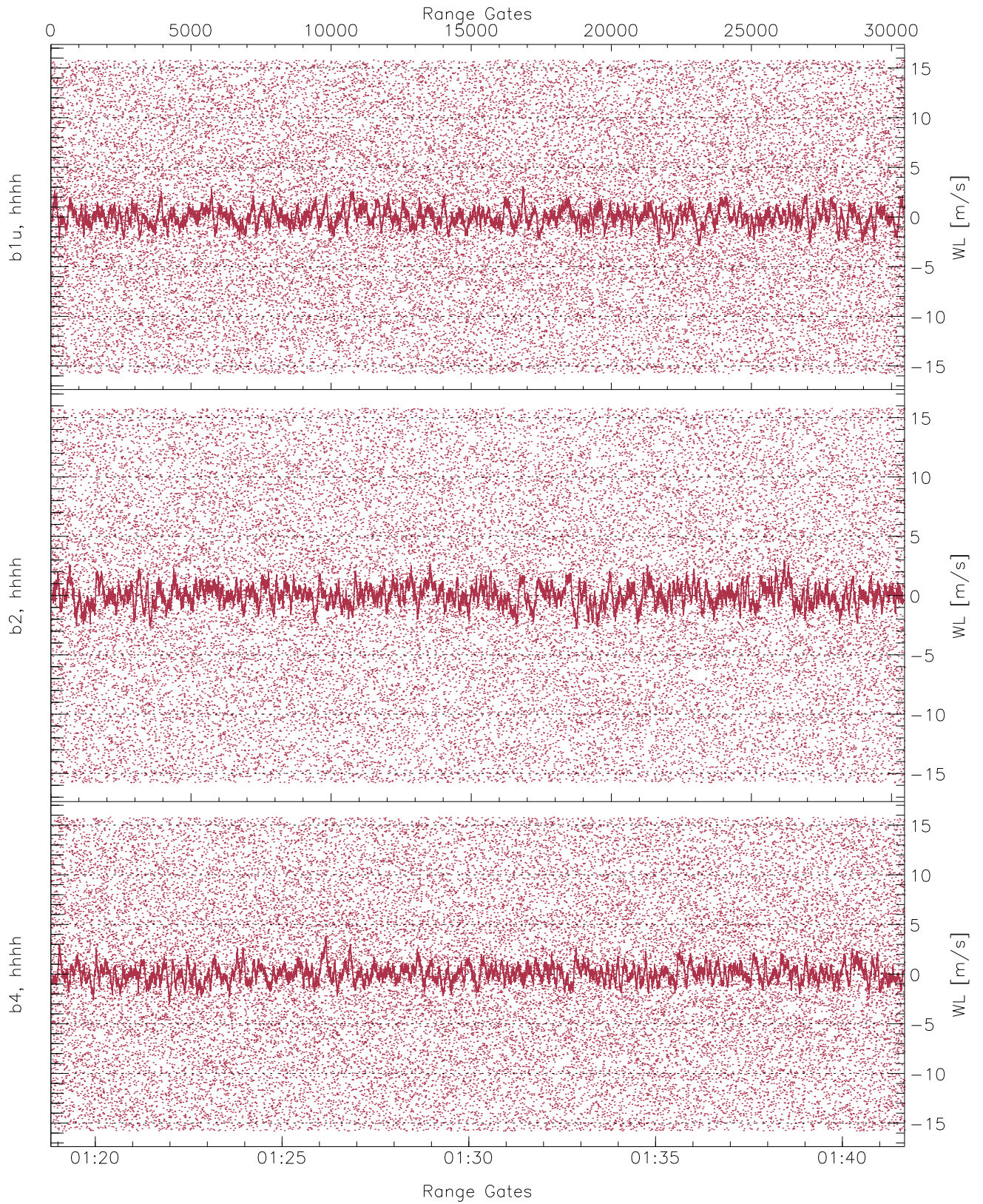
	Min	Max	Mean	Median	StDev
H1WL14_0 [dBm]	-66.60	-64.18	-65.33	-65.34	-76.84
V2RM_0 [dBm]	-66.48	-63.85	-65.03	-65.04	-76.55
H2RG402_0 [dBm]	-66.26	-63.77	-64.93	-64.94	-76.44



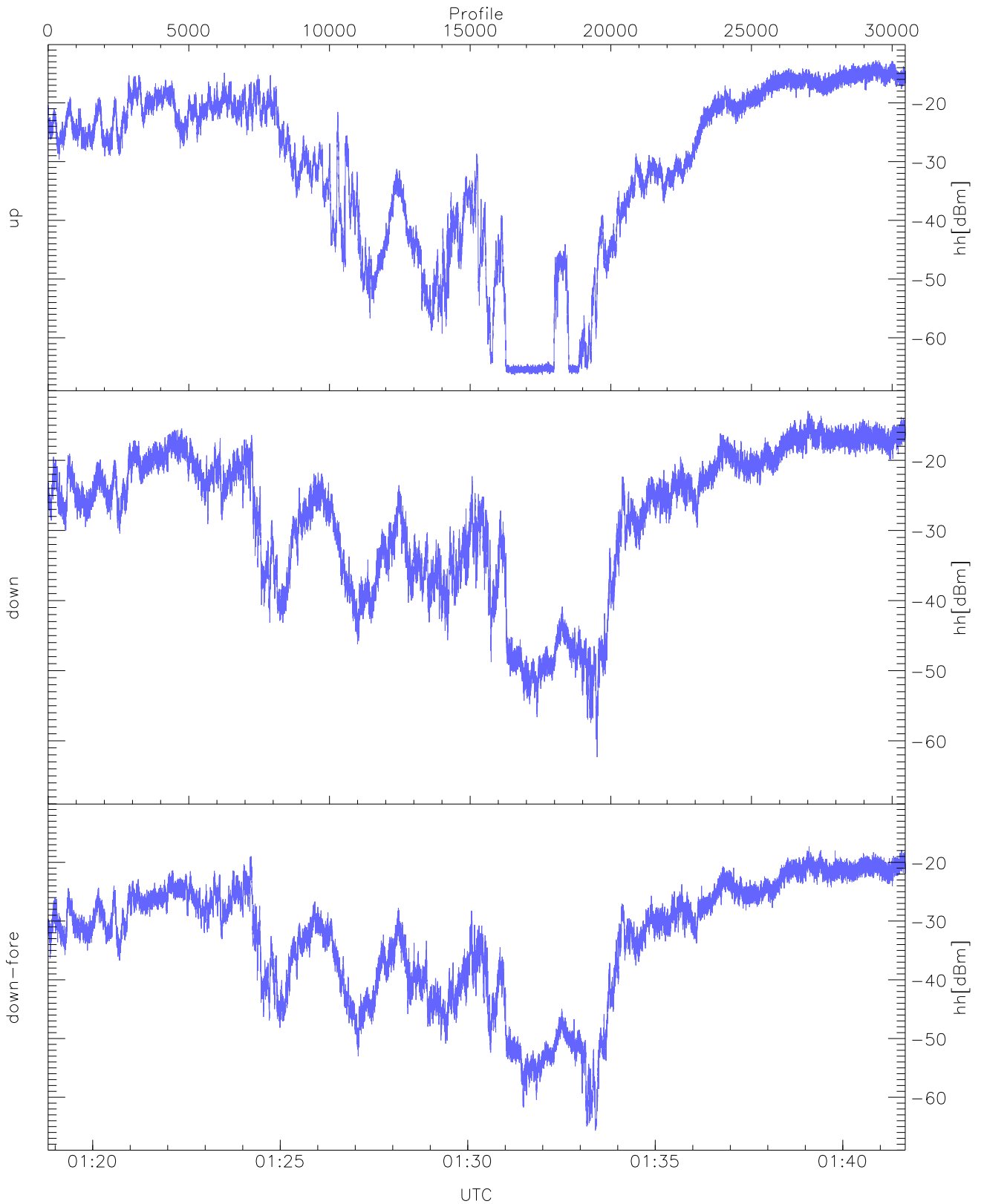
WCR3 CPP Averaged Received power for all recorded gates
blue: 011849-013014, 15234 profiles averaged
red: 013014-014140, 15233 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 011849-013014, 15234 profiles averaged
red: 013014-014140, 15233 profiles averaged

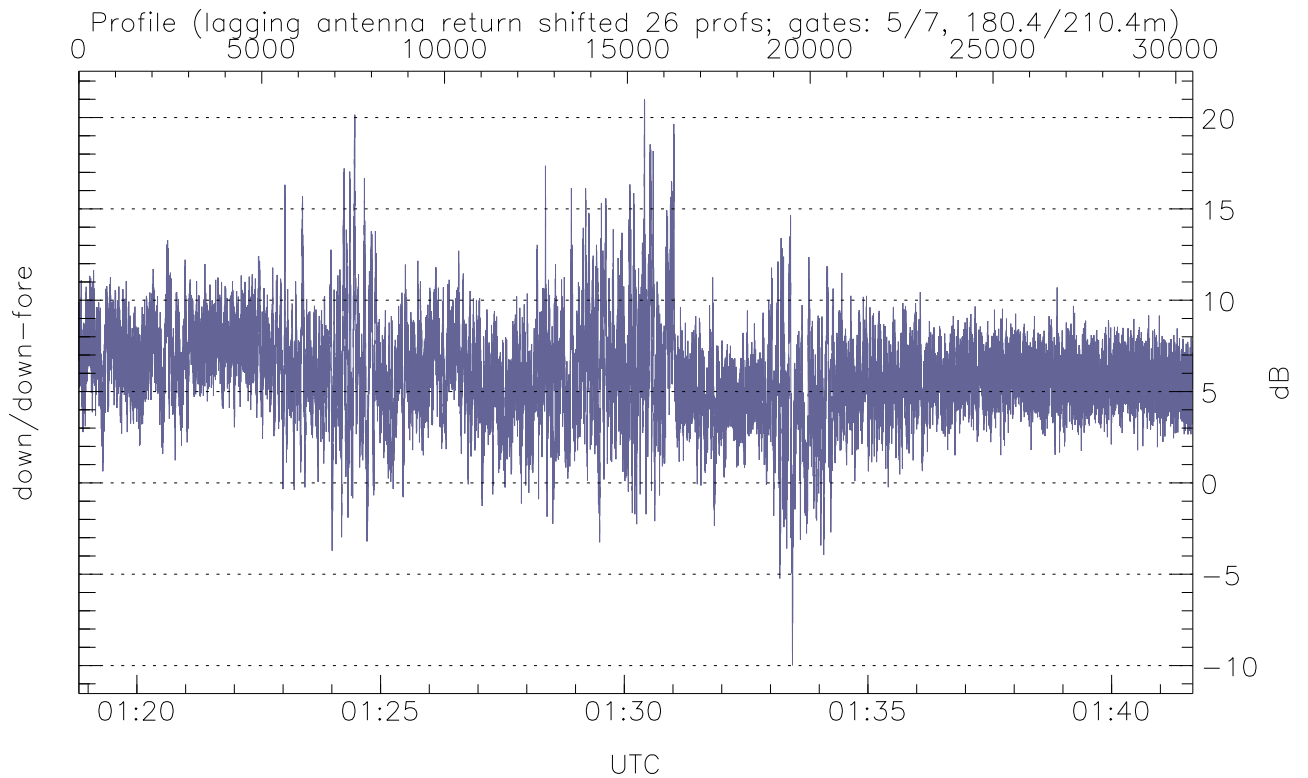
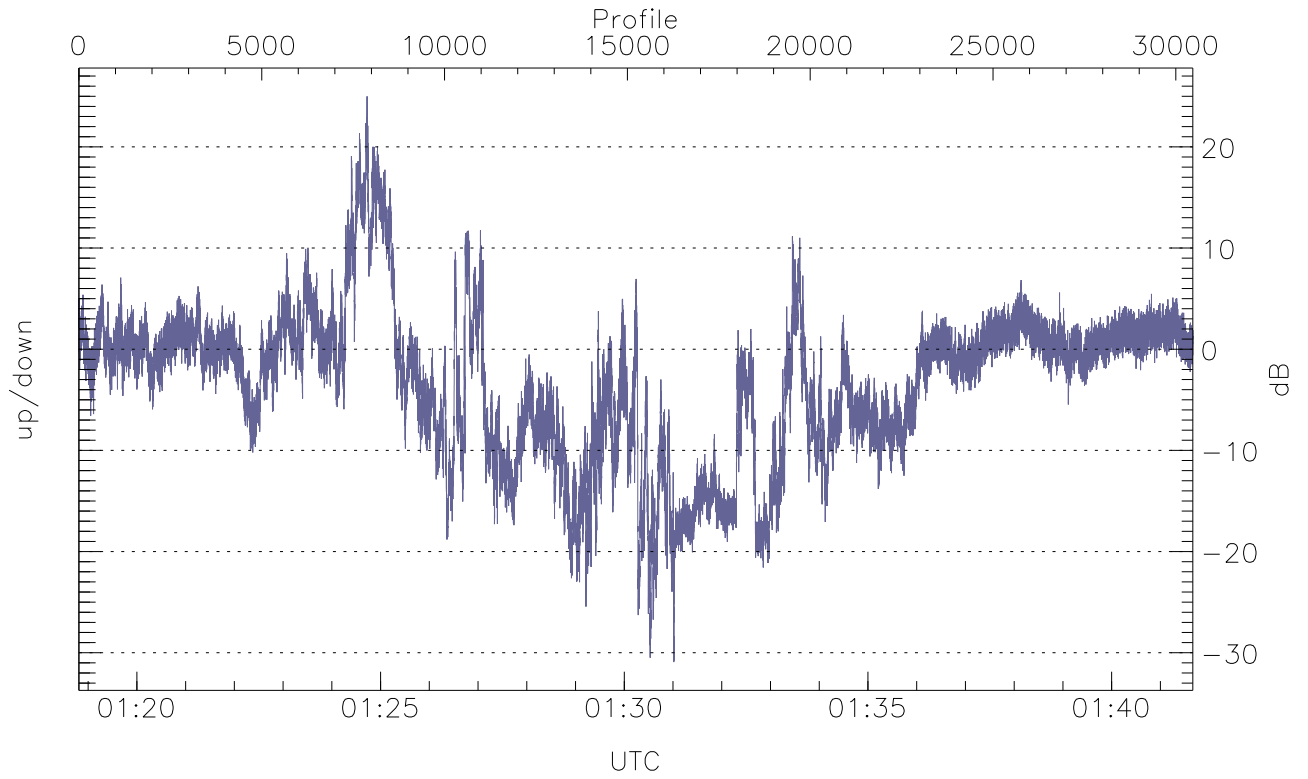


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



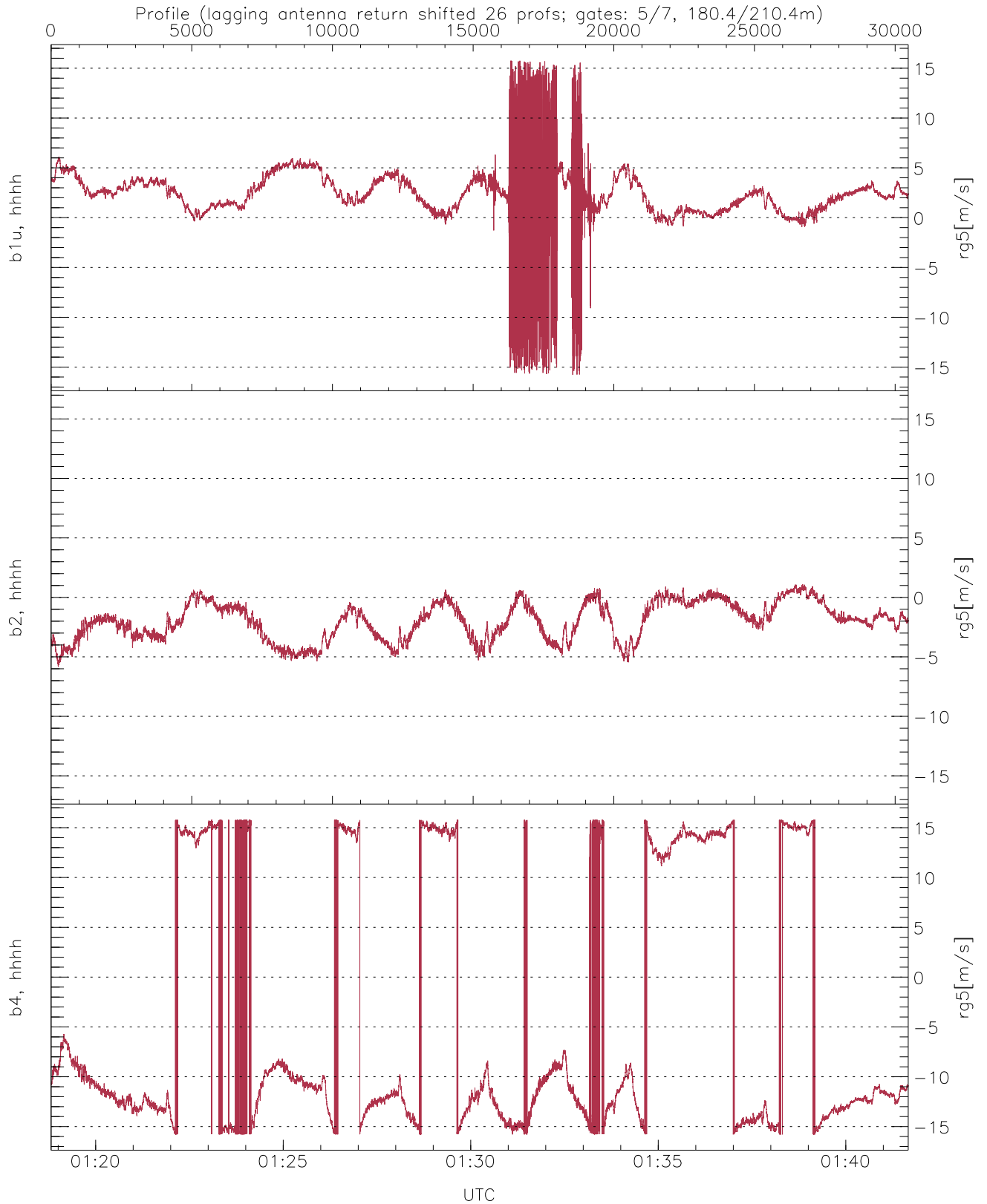
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.34	-12.75	-21.25
down(hh[dBm])	-62.32	-12.95	-21.92
down-fore(hh[dBm])	-65.69	-17.25	-26.65



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

	Min	Max	Mean
up/down (dB)	-30.92	25.00	-3.31
down/down-fore (dB)	-9.98	20.99	5.98



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.77	2.24	2.67
b2, hhhh(rg5[m/s])	-5.84	1.11	-1.98	1.56
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.61	12.29