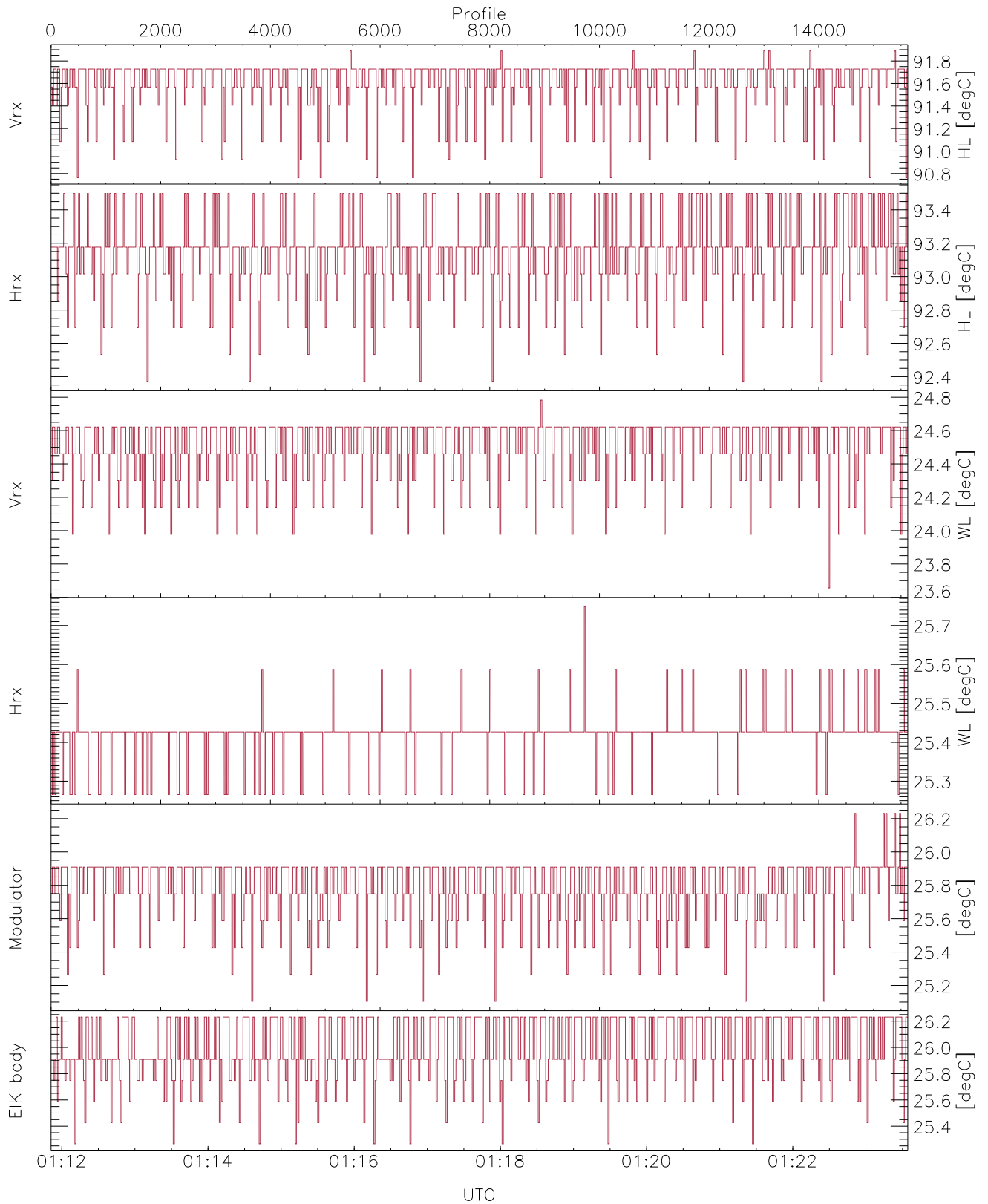


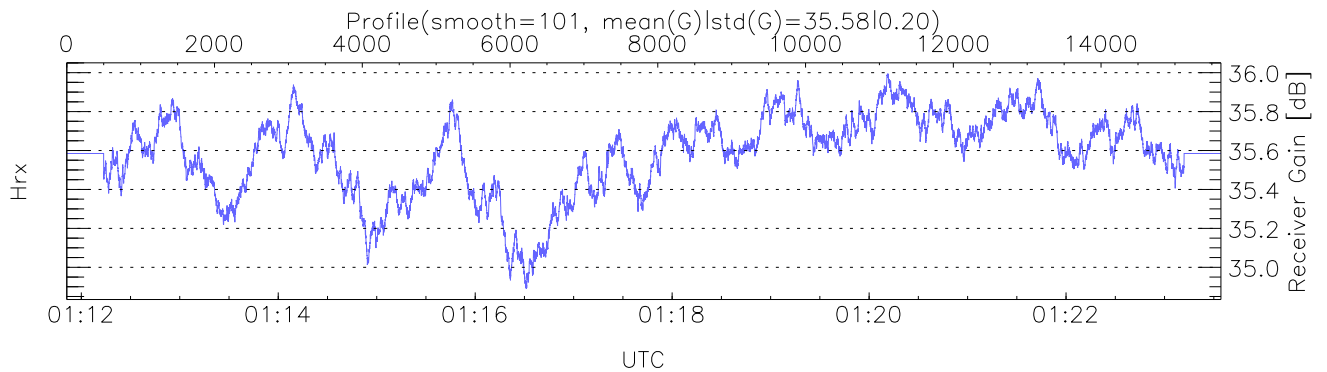
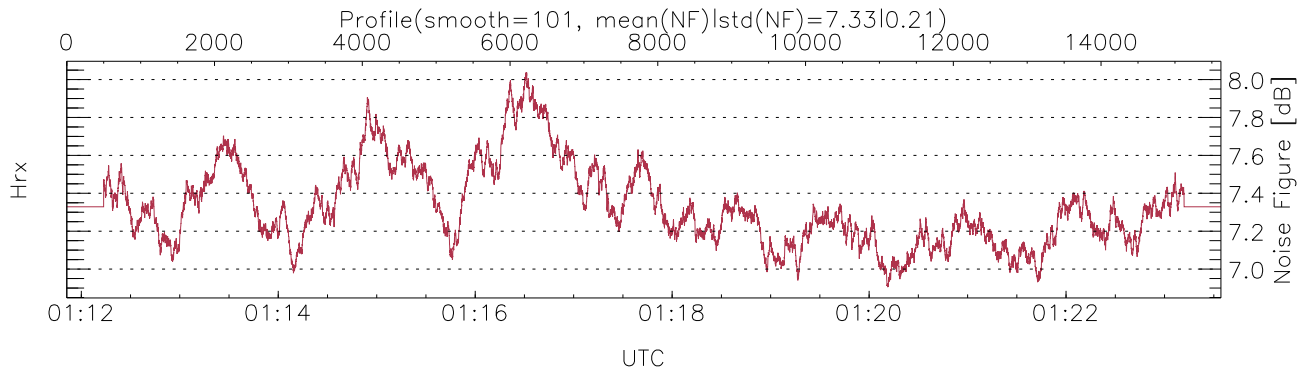
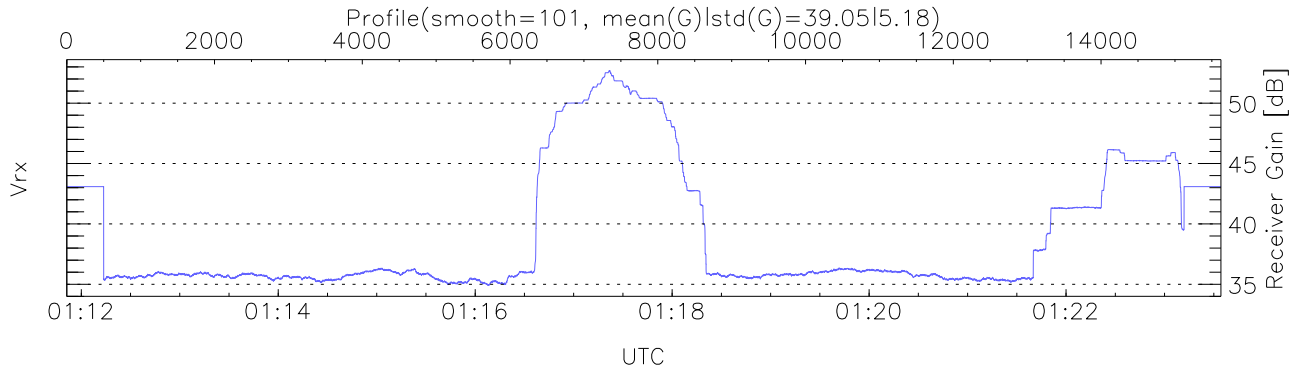
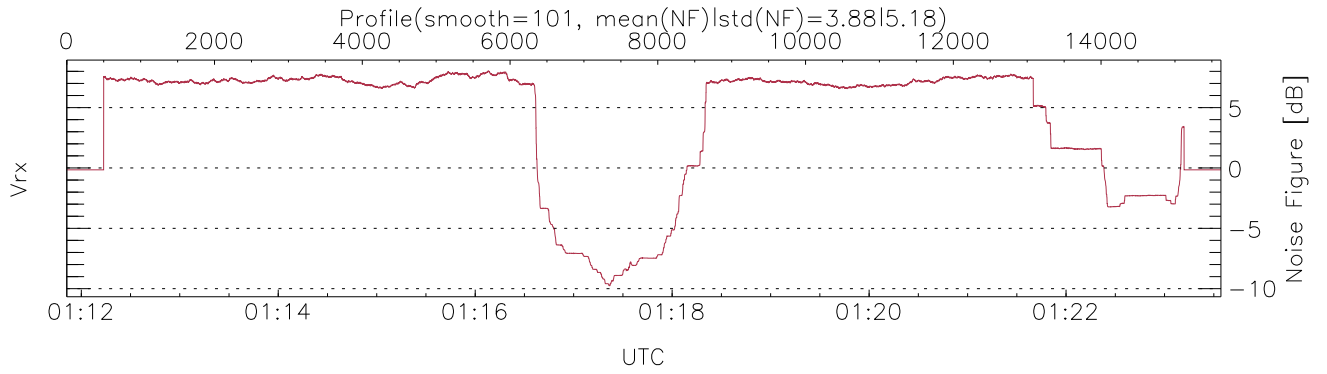
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:11:51-01:23:34, TimeCor: 0.00s, Dur: 703.21s
 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): 15624/15624, 0-15623/01:11:51-01:23:34
 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



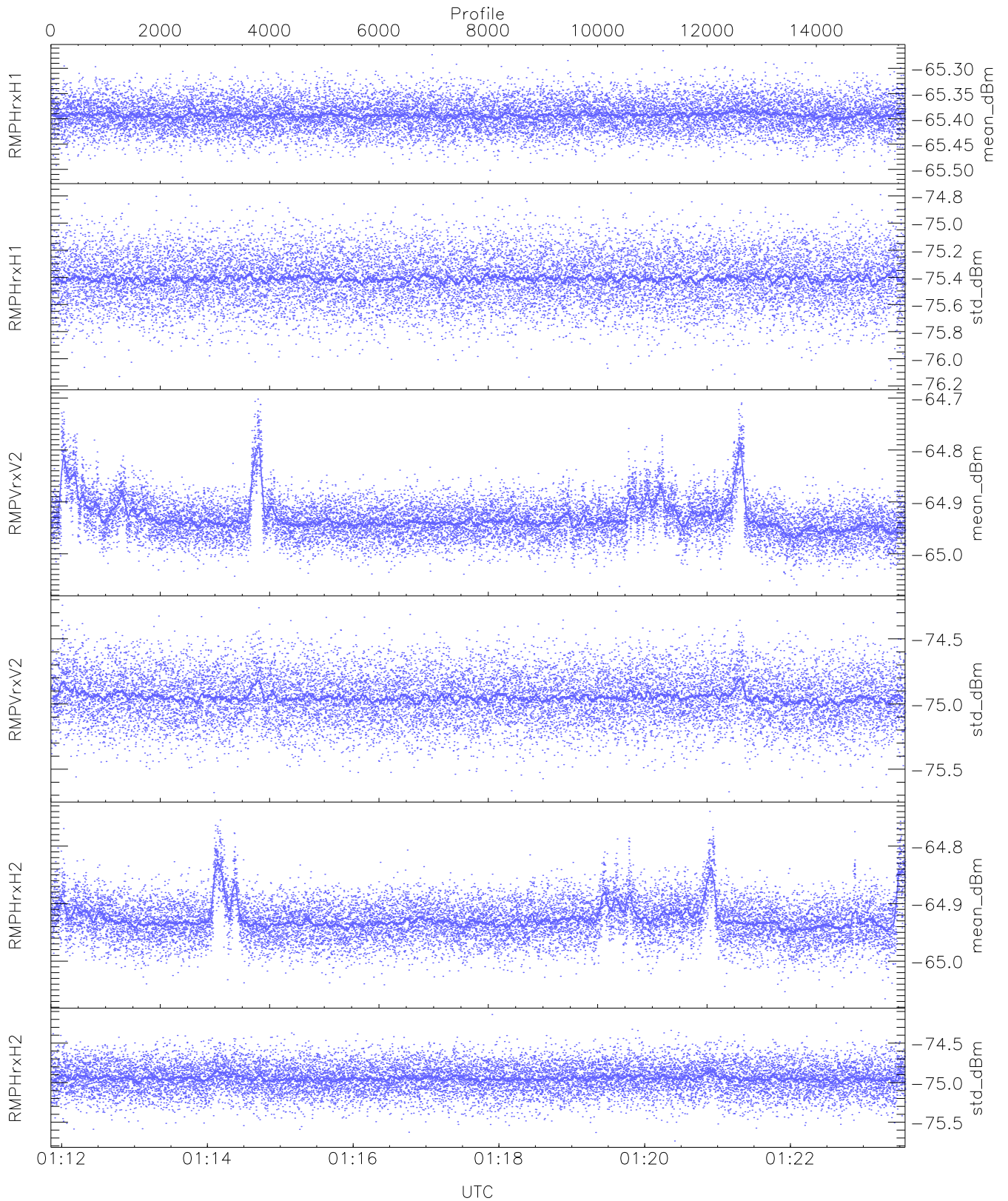
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,26,26
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



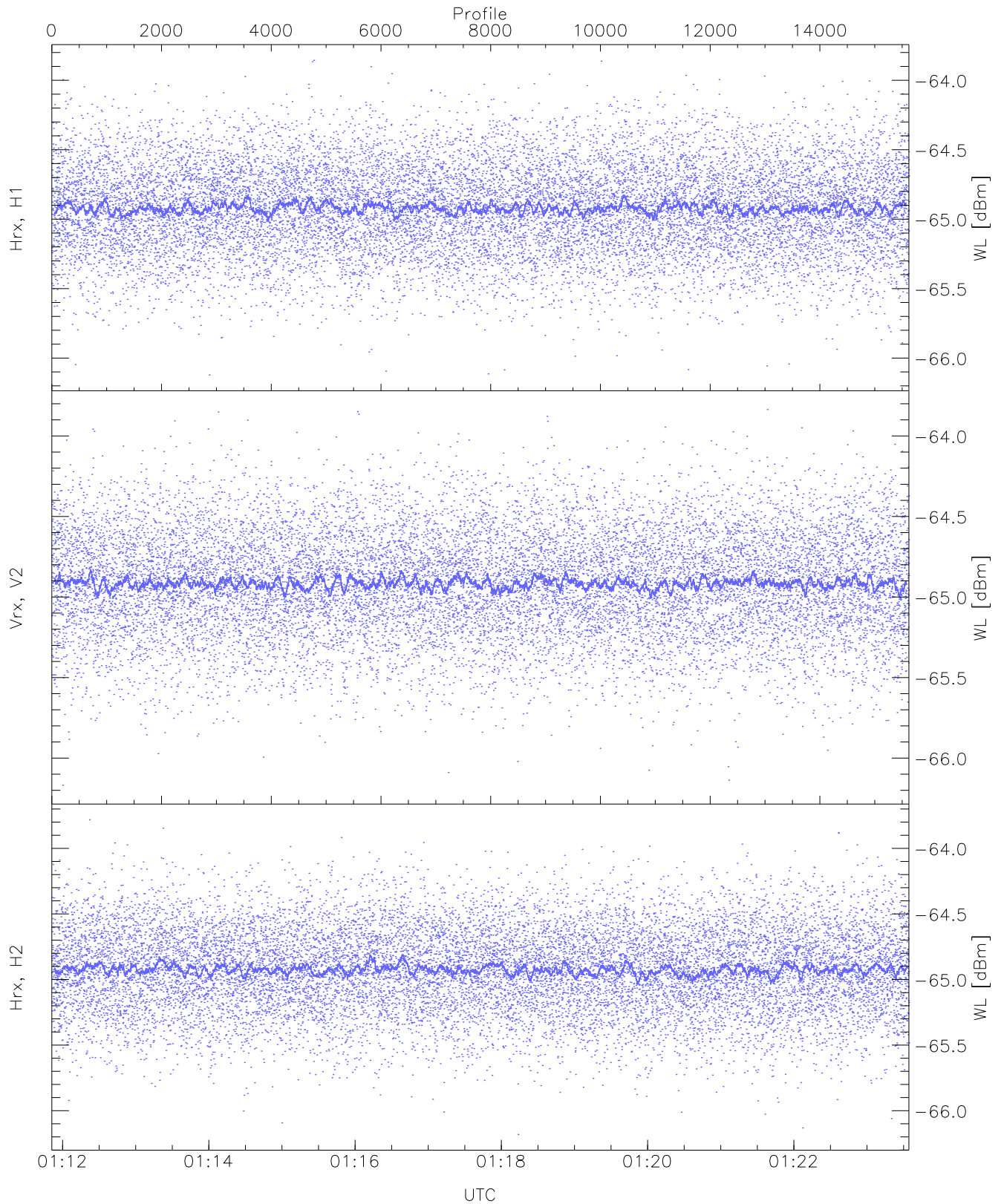
WCR3 CPP Receivers Gain and Noise Figure

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



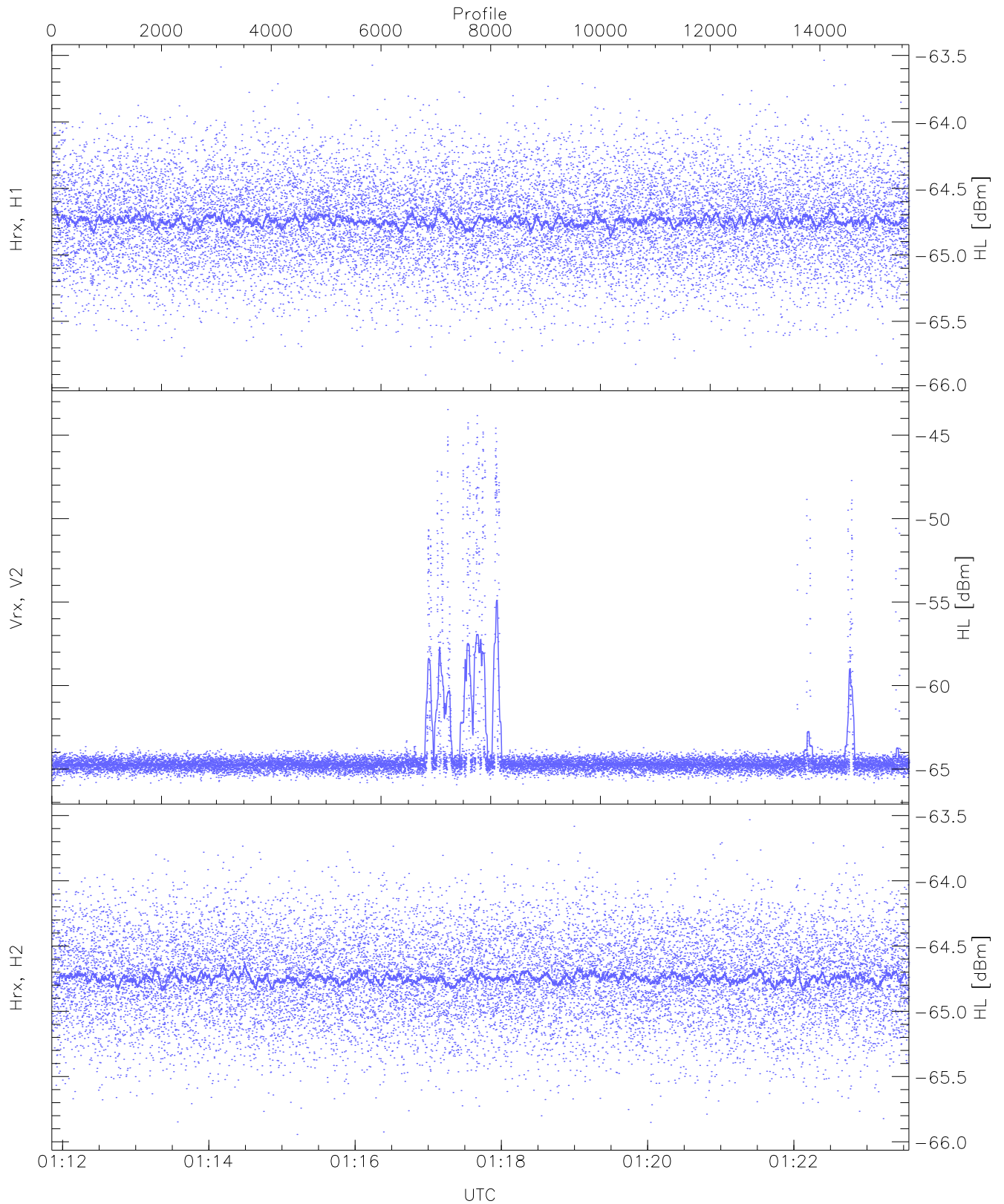
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.27	-65.39	-65.39	-87.02
RMPHrxH1(std_dBm)	-76.16	-74.78	-75.41	-75.41	-89.20
RMPVrxV2(mean_dBm)	-65.06	-64.70	-64.93	-64.94	-85.06
RMPVrxV2(std_dBm)	-75.68	-74.24	-74.95	-74.95	-88.67
RMPHrxH2(mean_dBm)	-65.07	-64.74	-64.93	-64.93	-85.69
RMPHrxH2(std_dBm)	-75.74	-74.14	-74.94	-74.94	-88.72



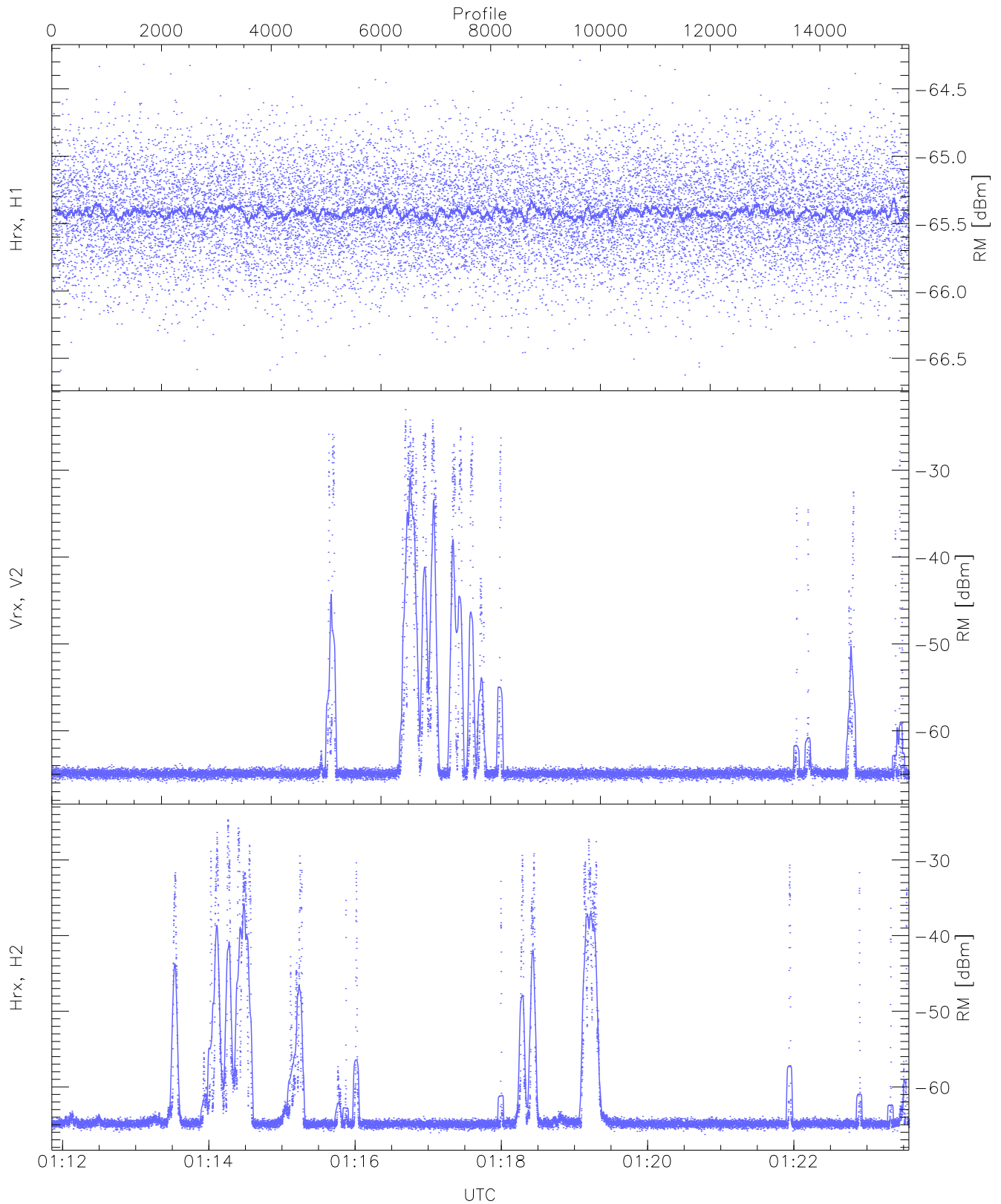
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.12	-63.86	-64.91	-64.92	-76.44
Vrx, V2(WL [dBm])	-66.17	-63.84	-64.91	-64.91	-76.41
Hrx, H2(WL [dBm])	-66.18	-63.78	-64.92	-64.92	-76.42



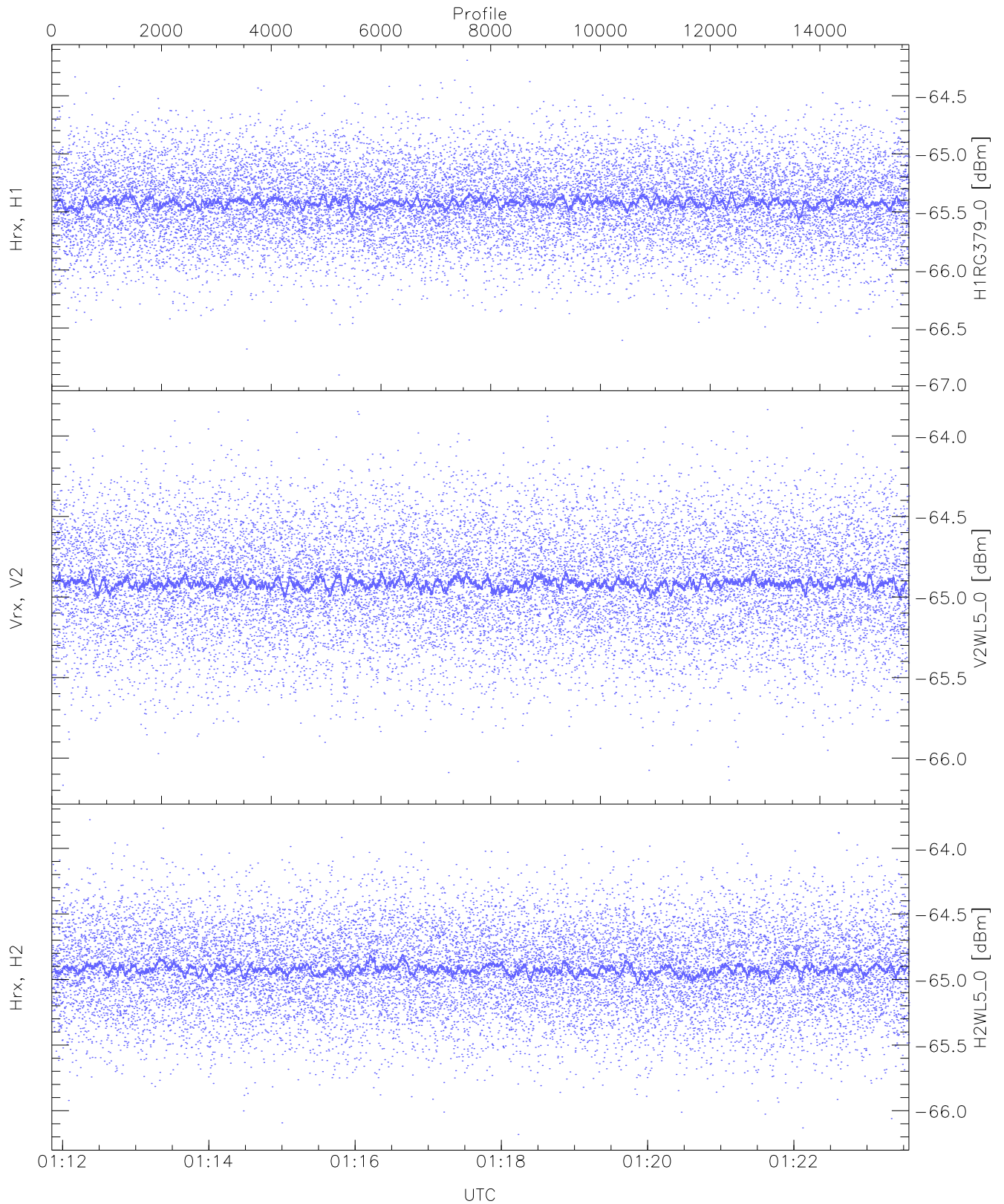
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.90	-63.54	-64.74	-64.74	-76.26
Vrx, V2 (HL [dBm])	-65.97	-43.47	-62.27	-64.71	-57.00
Hrx, H2 (HL [dBm])	-65.94	-63.53	-64.74	-64.75	-76.23



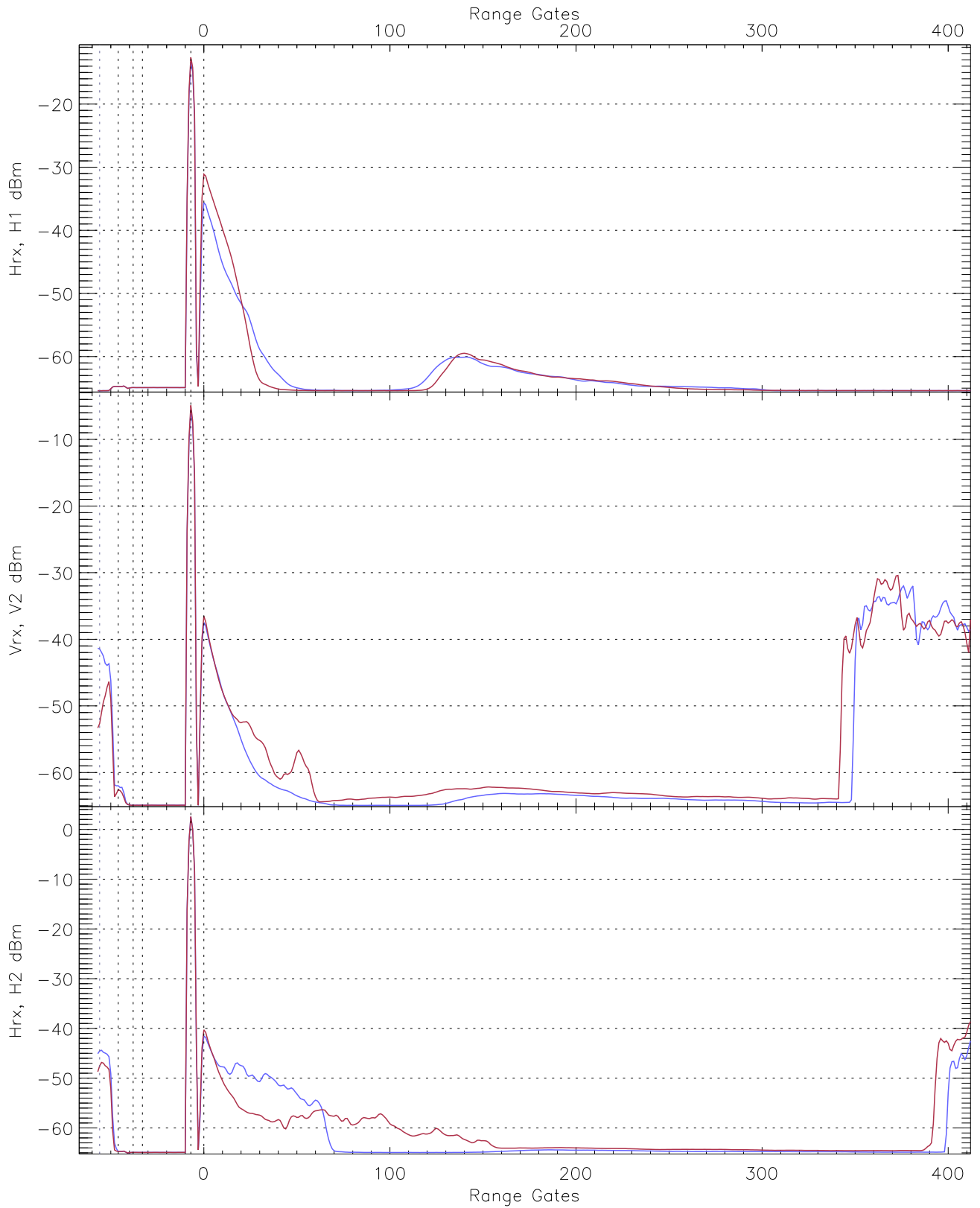
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.62	-64.29	-65.41	-65.42	-76.94
Vrx, V2 (RM [dBm])	-66.26	-23.03	-44.16	-64.87	-36.20
Hrx, H2 (RM [dBm])	-66.29	-24.69	-45.77	-64.76	-37.92

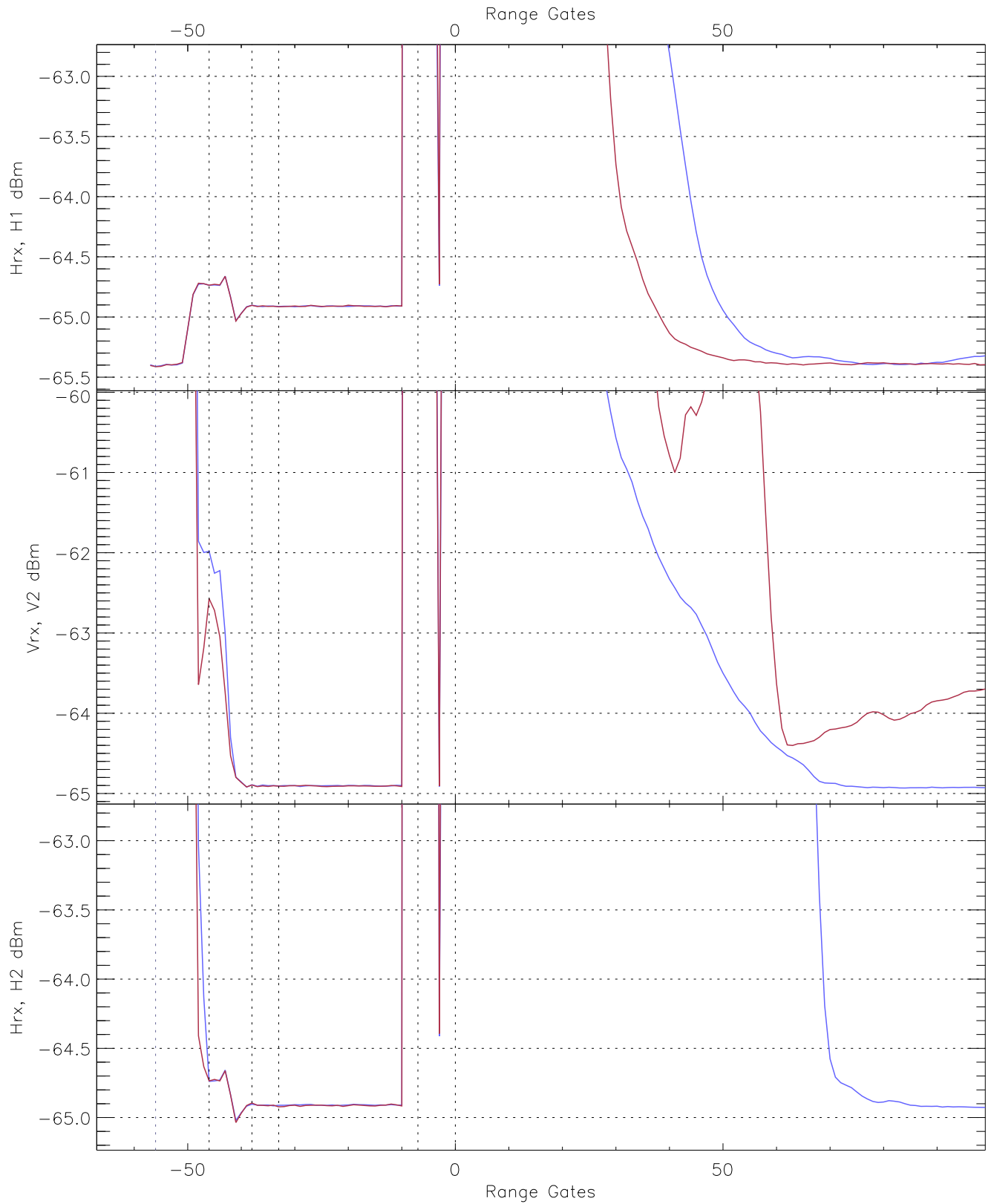


WCR3 CPP "Best" estimate Receivers Noise Power

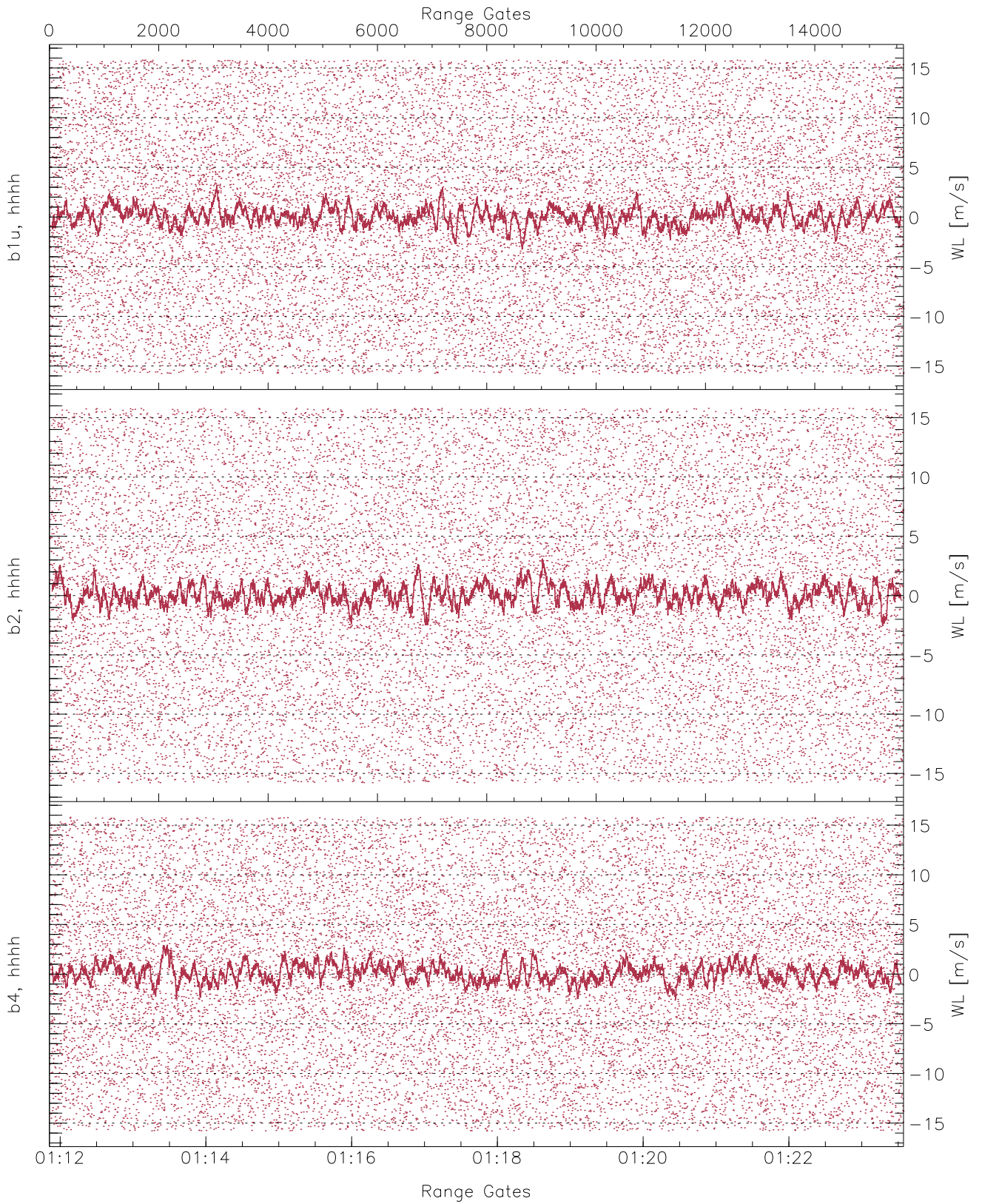
	Min	Max	Mean	Median	StDev
H1RG379_0 [dBm]	-66.90	-64.19	-65.41	-65.42	-76.87
V2WL5_0 [dBm]	-66.17	-63.84	-64.91	-64.91	-76.41
H2WL5_0 [dBm]	-66.18	-63.78	-64.92	-64.92	-76.42



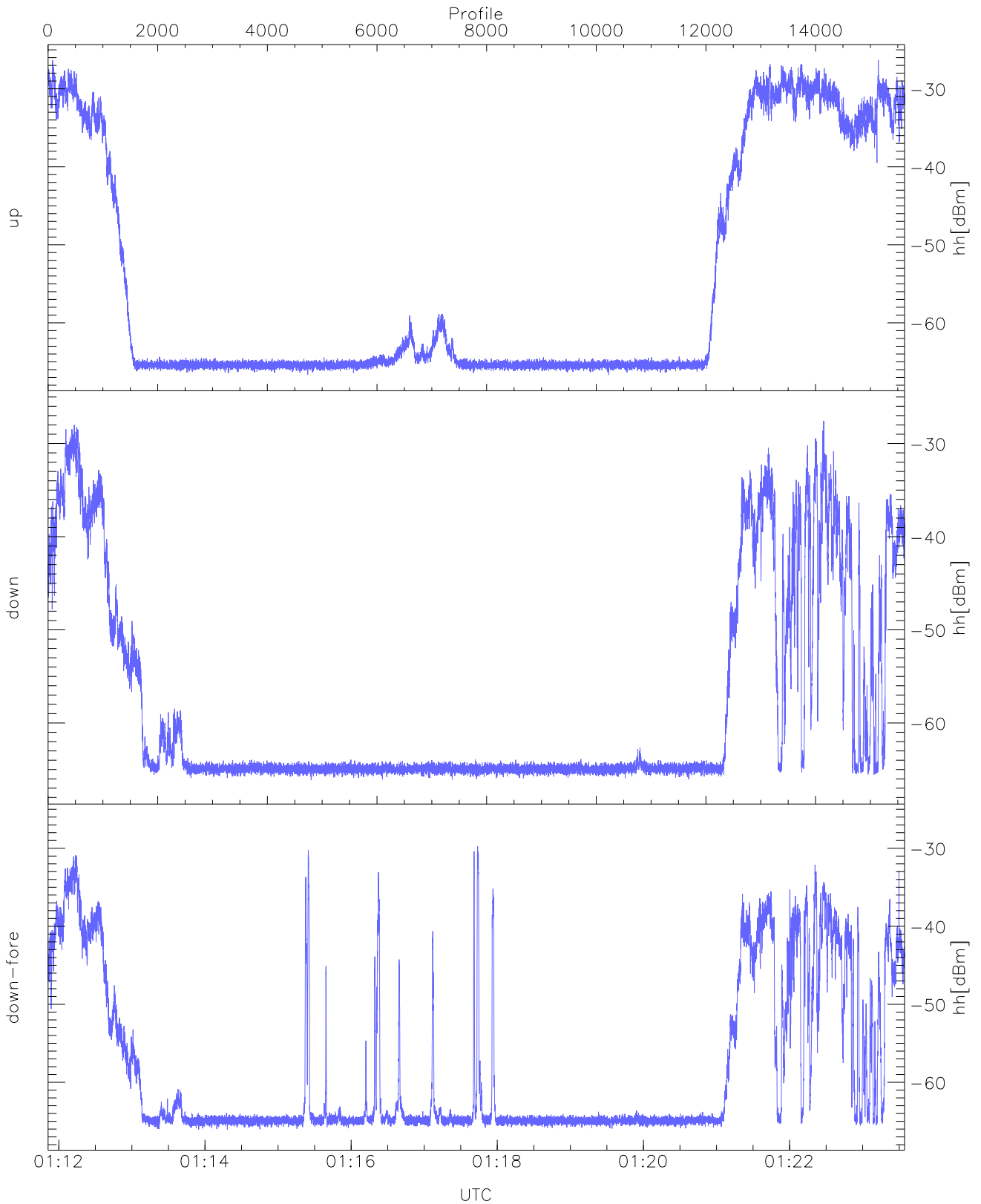
WCR3 CPP Averaged Received power for all recorded gates
blue: 011151-011743, 7813 profiles averaged
red: 011743-012334, 7812 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 011151-011743, 7813 profiles averaged
red: 011743-012334, 7812 profiles averaged

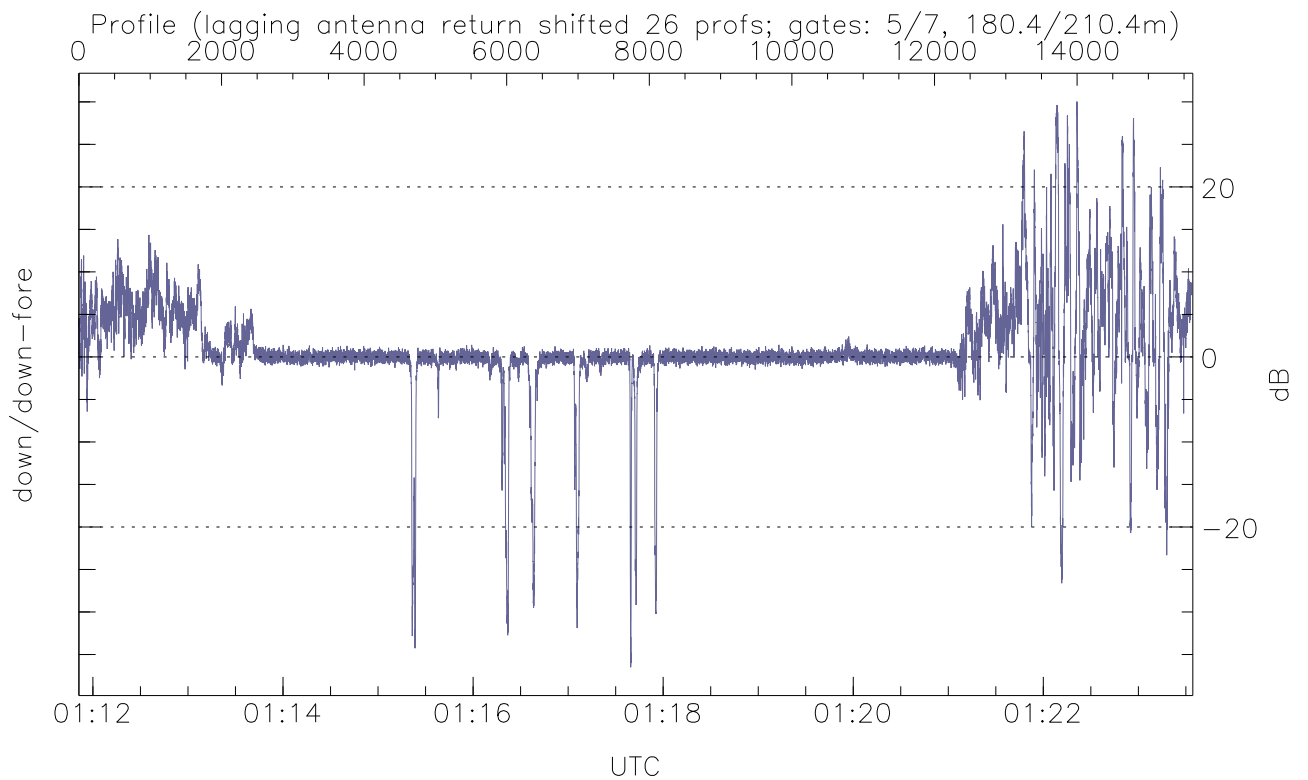
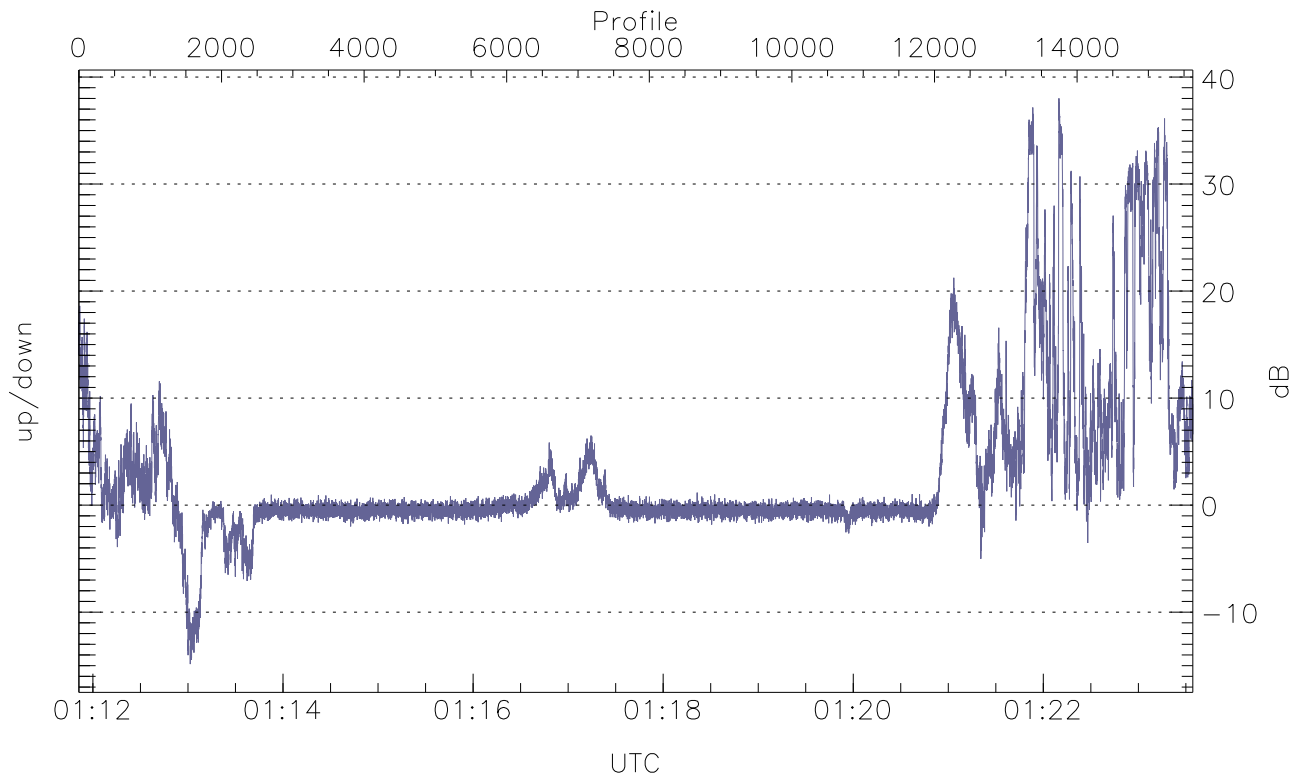


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



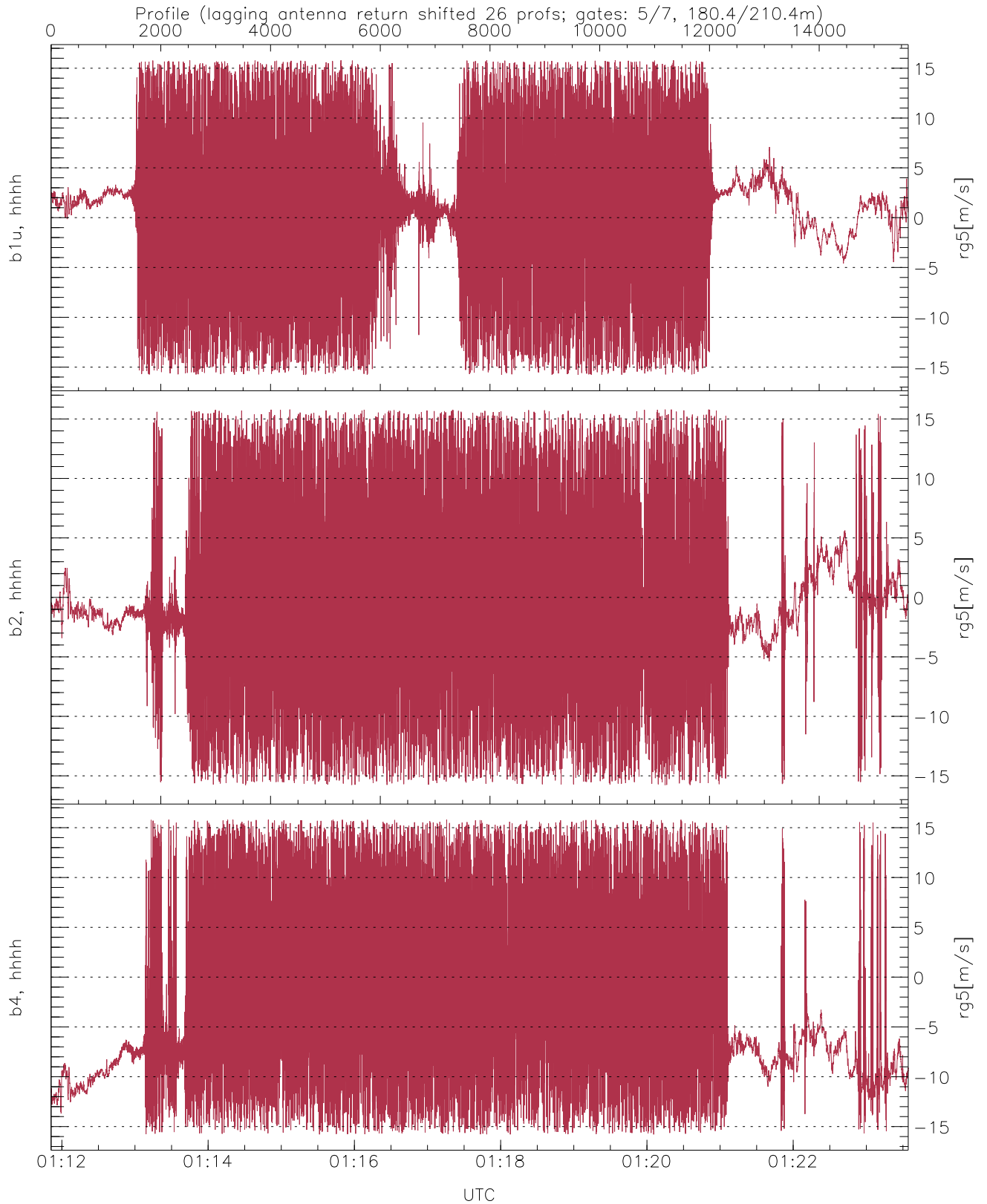
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.69	-26.35	-36.95
down(hh[dBm])	-66.14	-27.56	-42.74
down-fore(hh[dBm])	-66.07	-29.75	-45.50



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

	Min	Max	Mean
up/down (dB)	-14.85	38.01	2.91
down/down-fore (dB)	-36.50	30.04	0.97



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.55	6.74
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.22	6.98
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.98	8.27