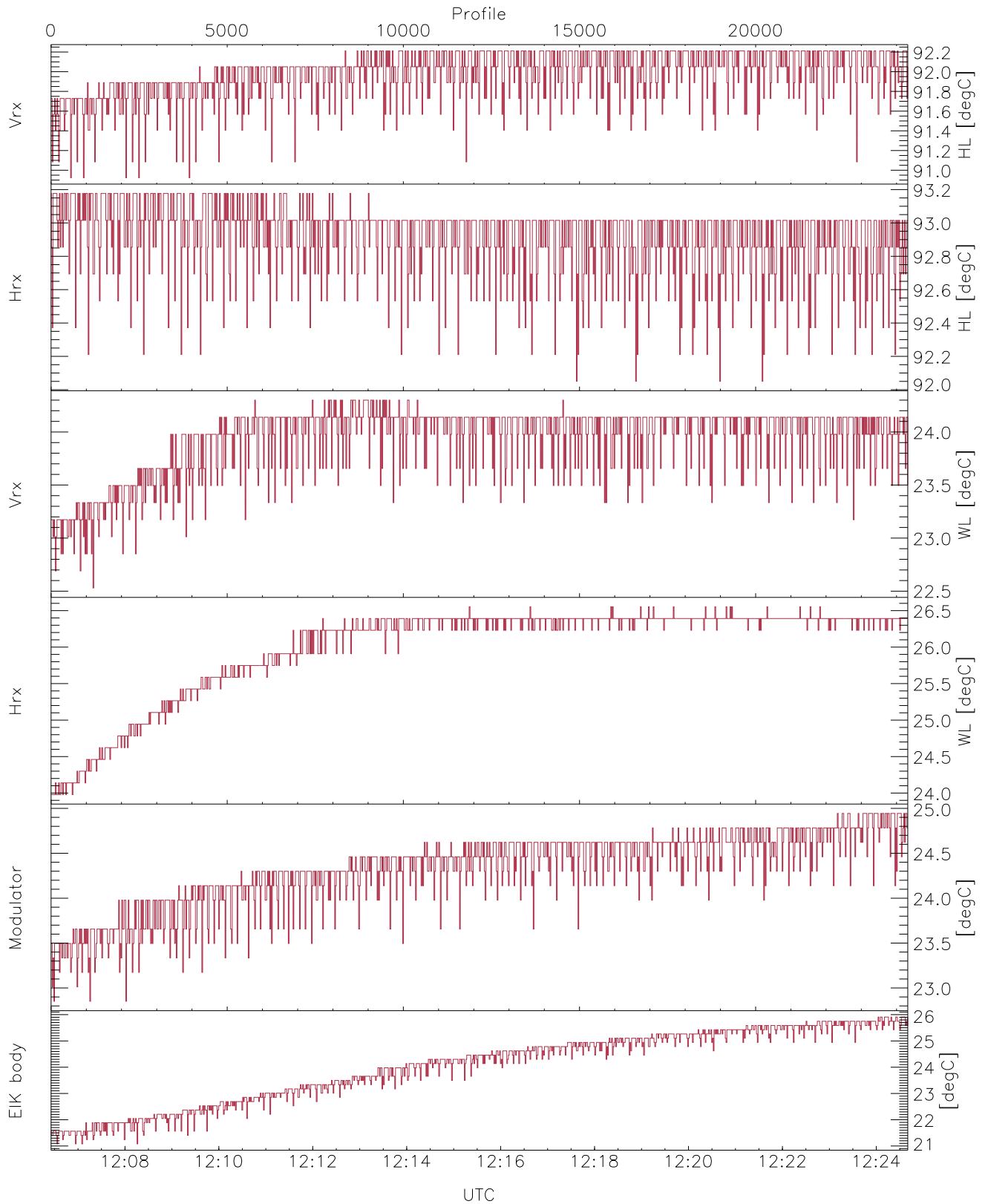


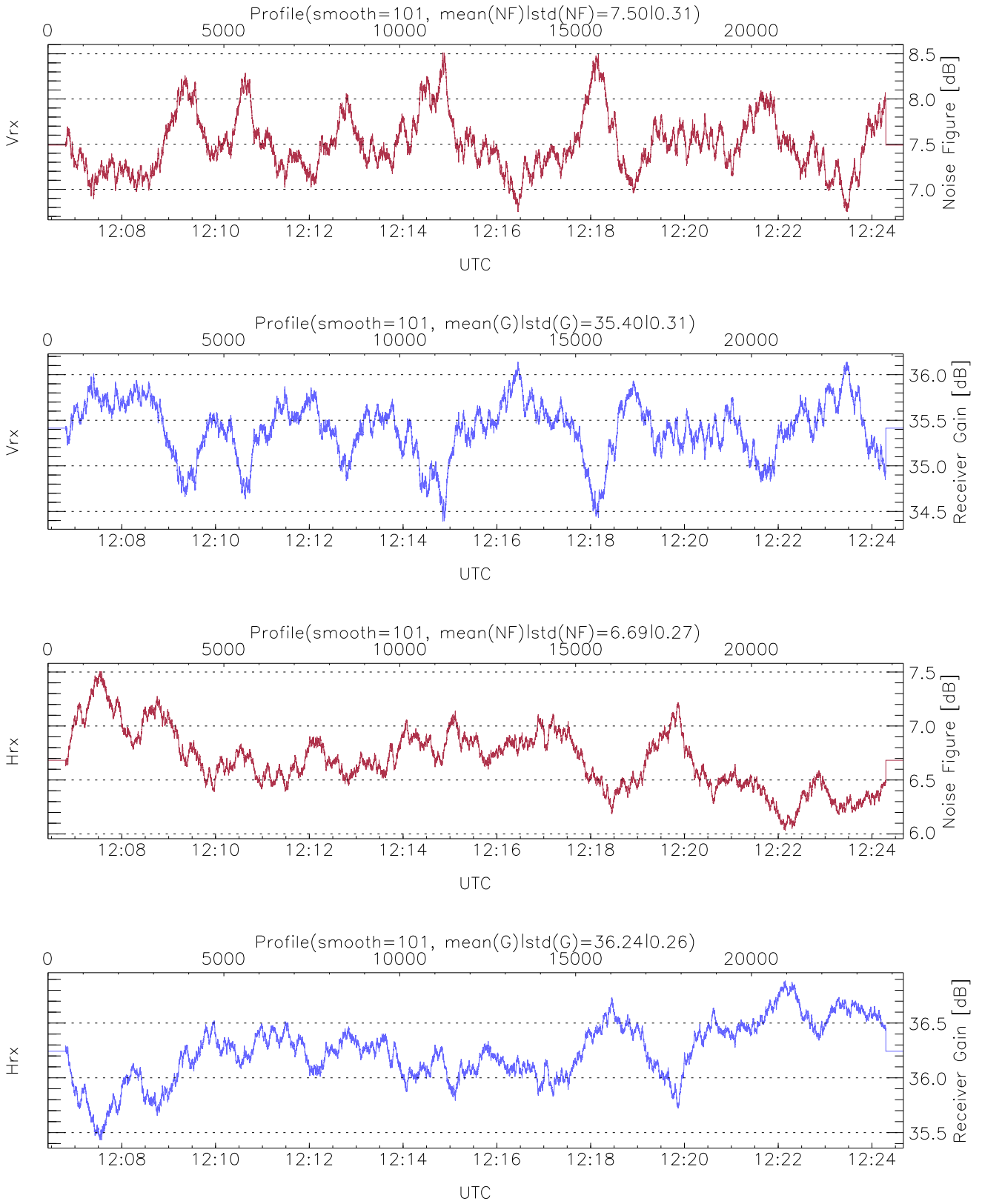
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 12:06:26-12:24:40, TimeCor: 0.00s, Dur: 1094.63s
 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): 24320/24320, 0-24319/12:06:26-12:24:40
 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



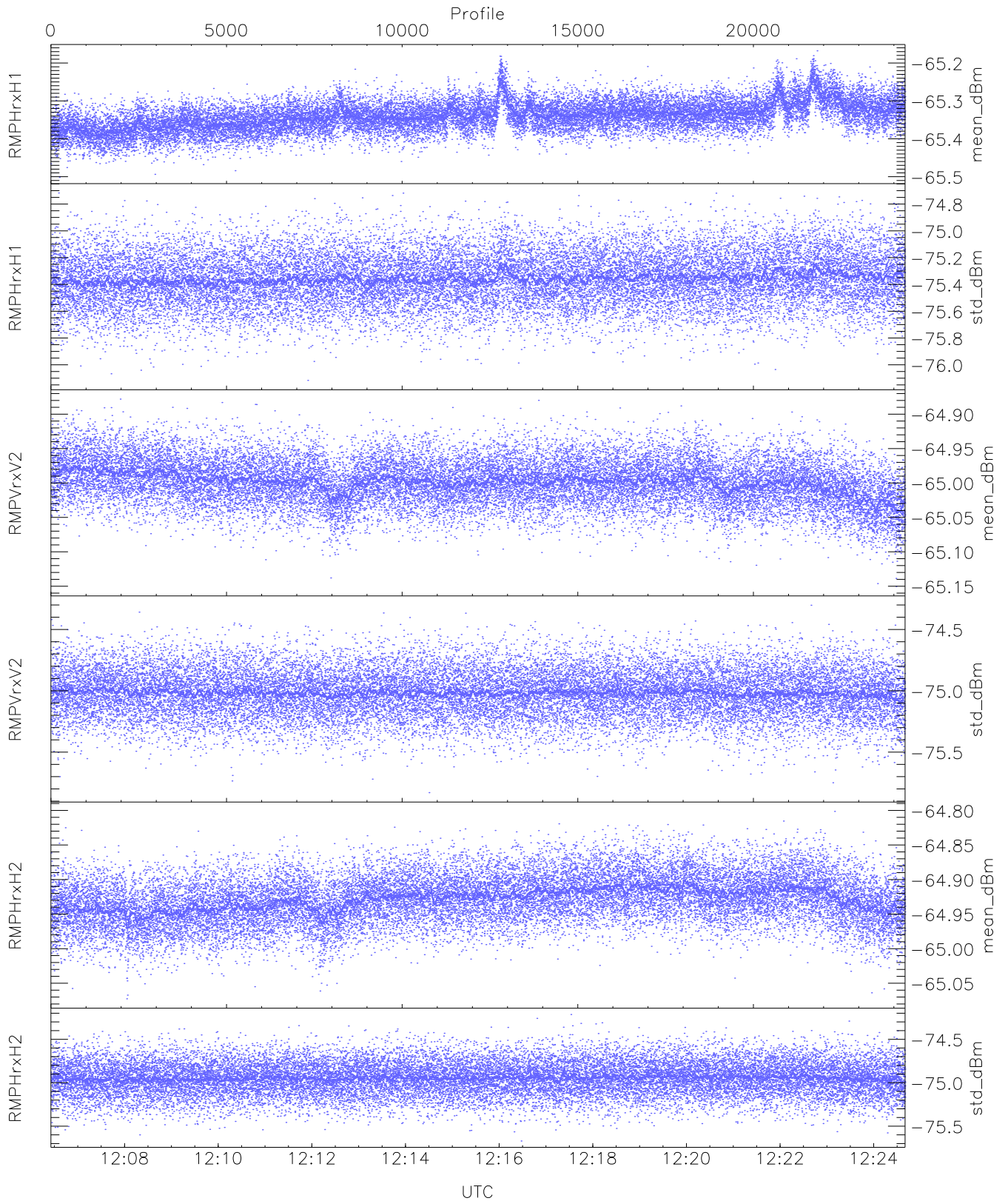
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,22,21`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,24,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK Faults(#_prof affected):`
`DeckF (24)`



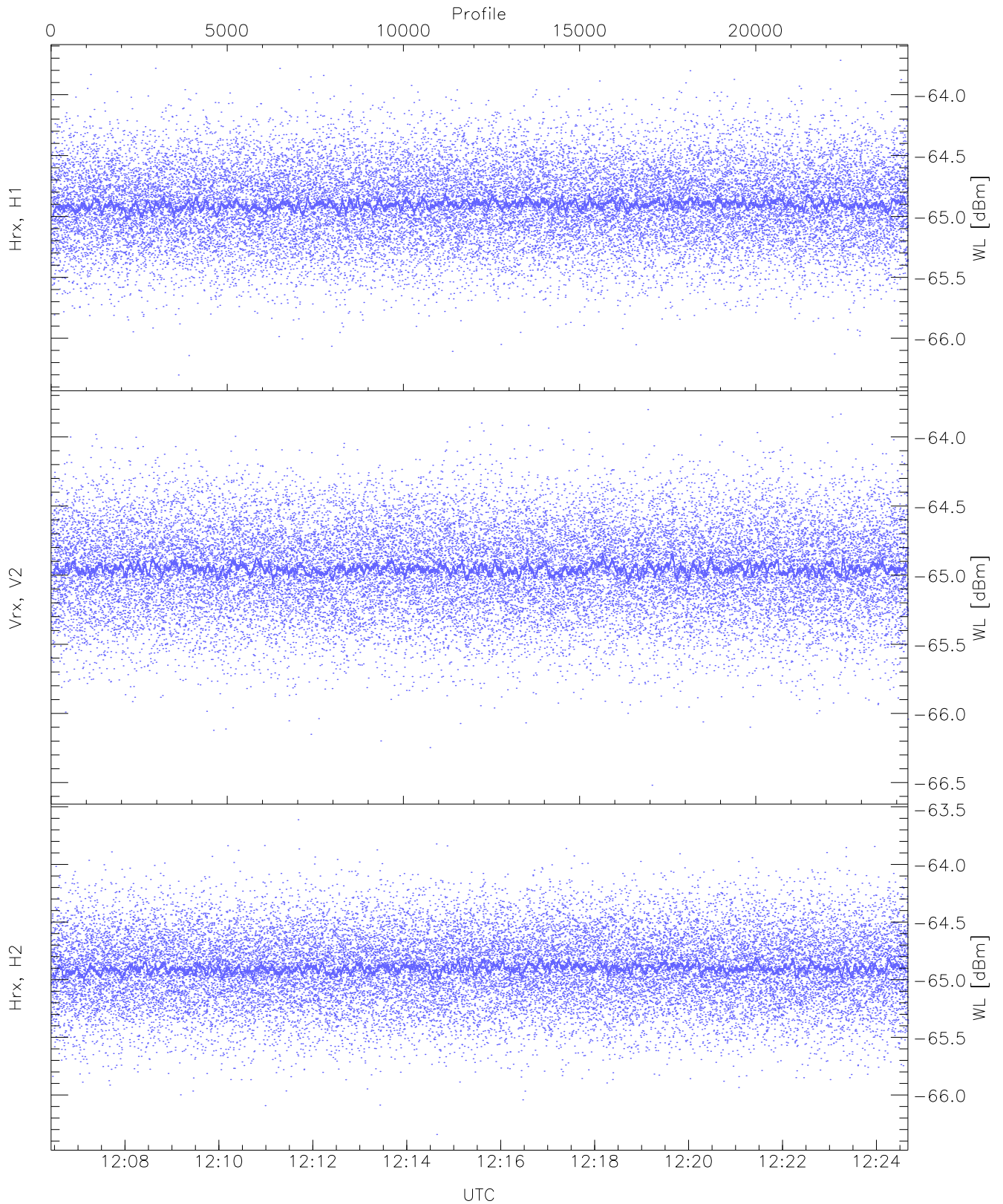
WCR3 CPP Receivers Gain and Noise Figure

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



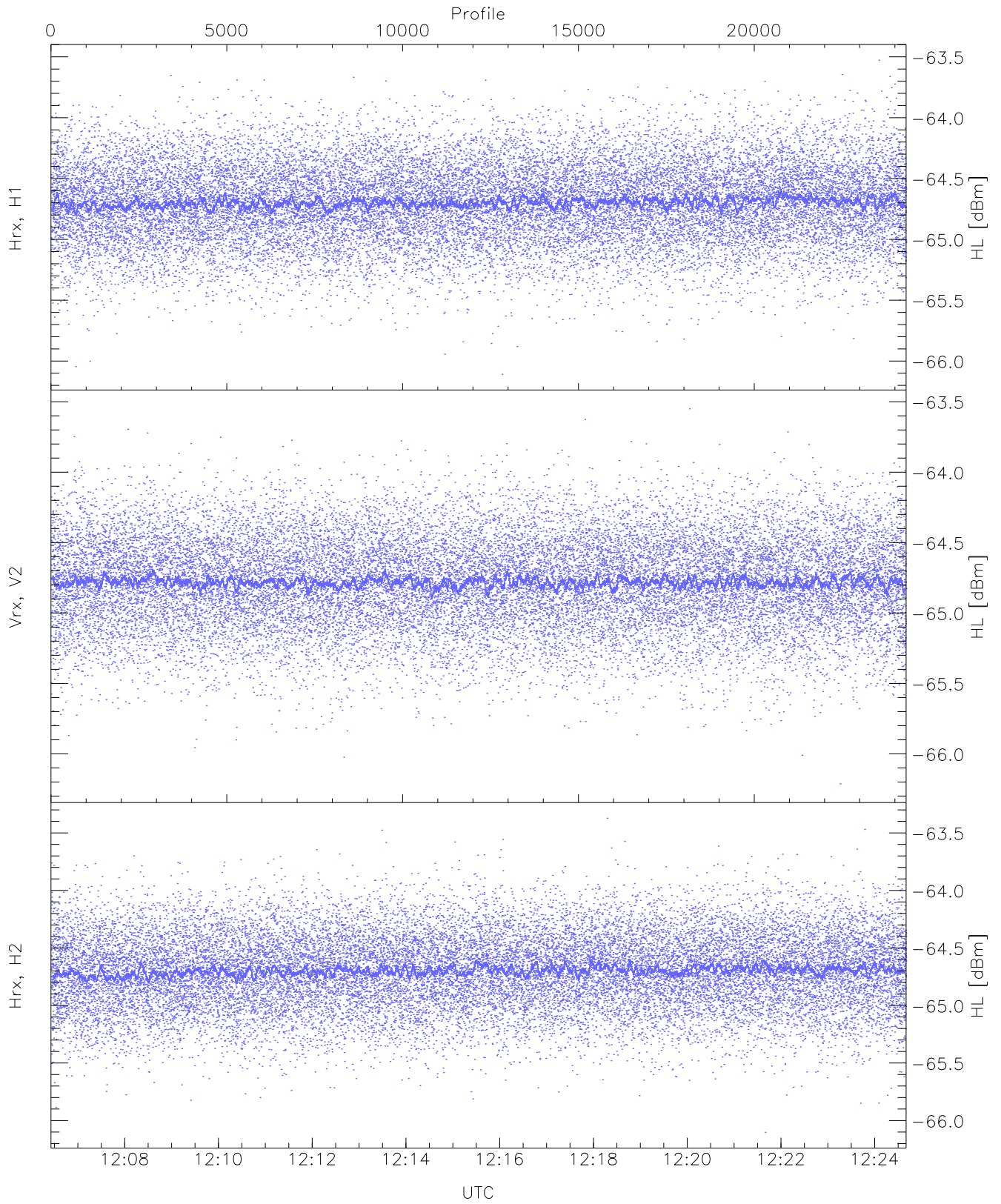
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.17	-65.34	-65.34	-85.72
RMPHrxH1(std_dBm)	-76.12	-74.72	-75.36	-75.36	-89.09
RMPVrxV2(mean_dBm)	-65.15	-64.88	-65.00	-65.00	-86.28
RMPVrxV2(std_dBm)	-75.83	-74.30	-75.02	-75.02	-88.79
RMPHrxH2(mean_dBm)	-65.07	-64.80	-64.93	-64.93	-86.12
RMPHrxH2(std_dBm)	-75.67	-74.21	-74.94	-74.95	-88.75



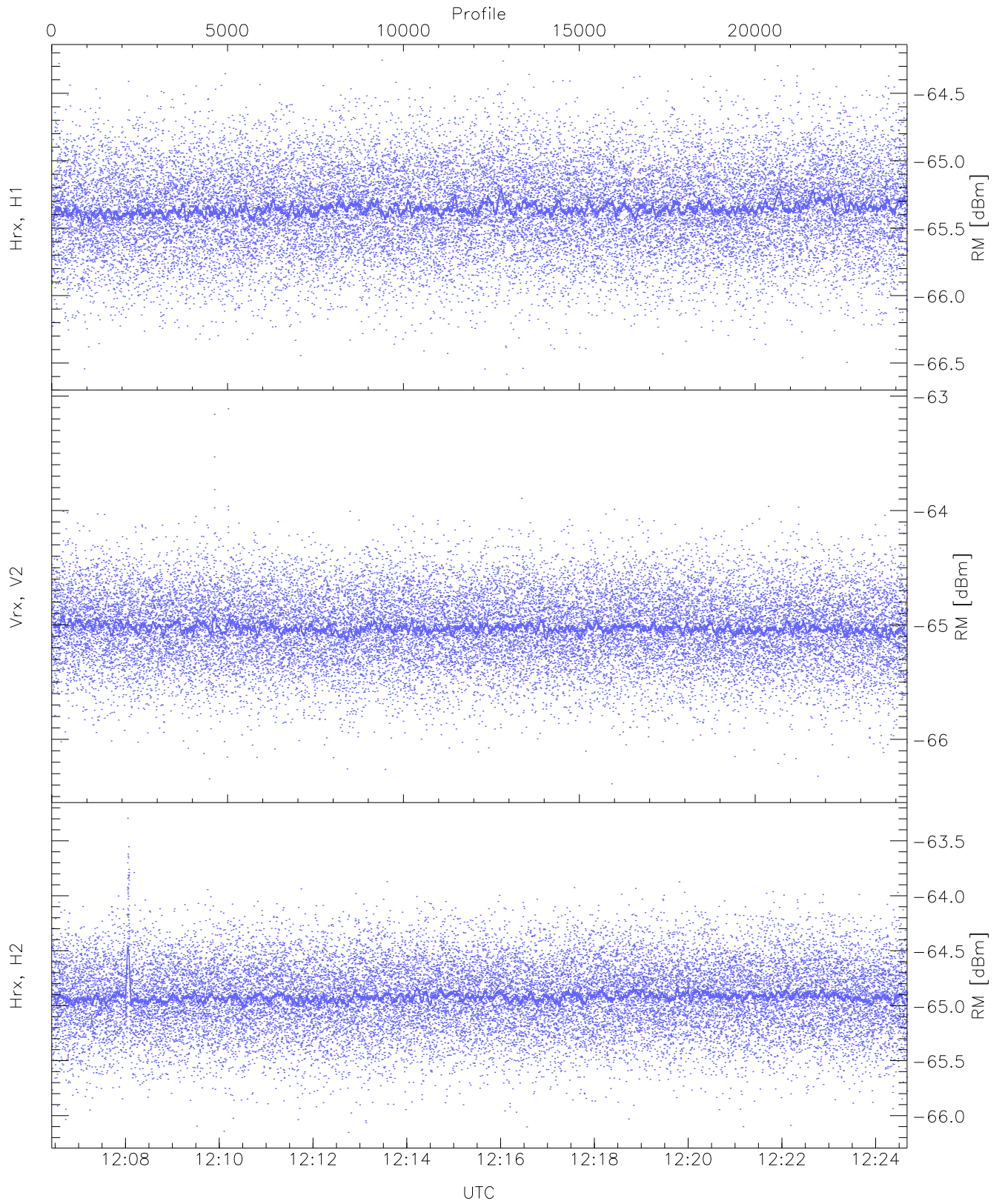
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.30	-63.72	-64.90	-64.91	-76.40
Vrx, V2 (WL [dBm])	-66.52	-63.80	-64.95	-64.95	-76.46
Hrx, H2 (WL [dBm])	-66.34	-63.61	-64.89	-64.90	-76.38



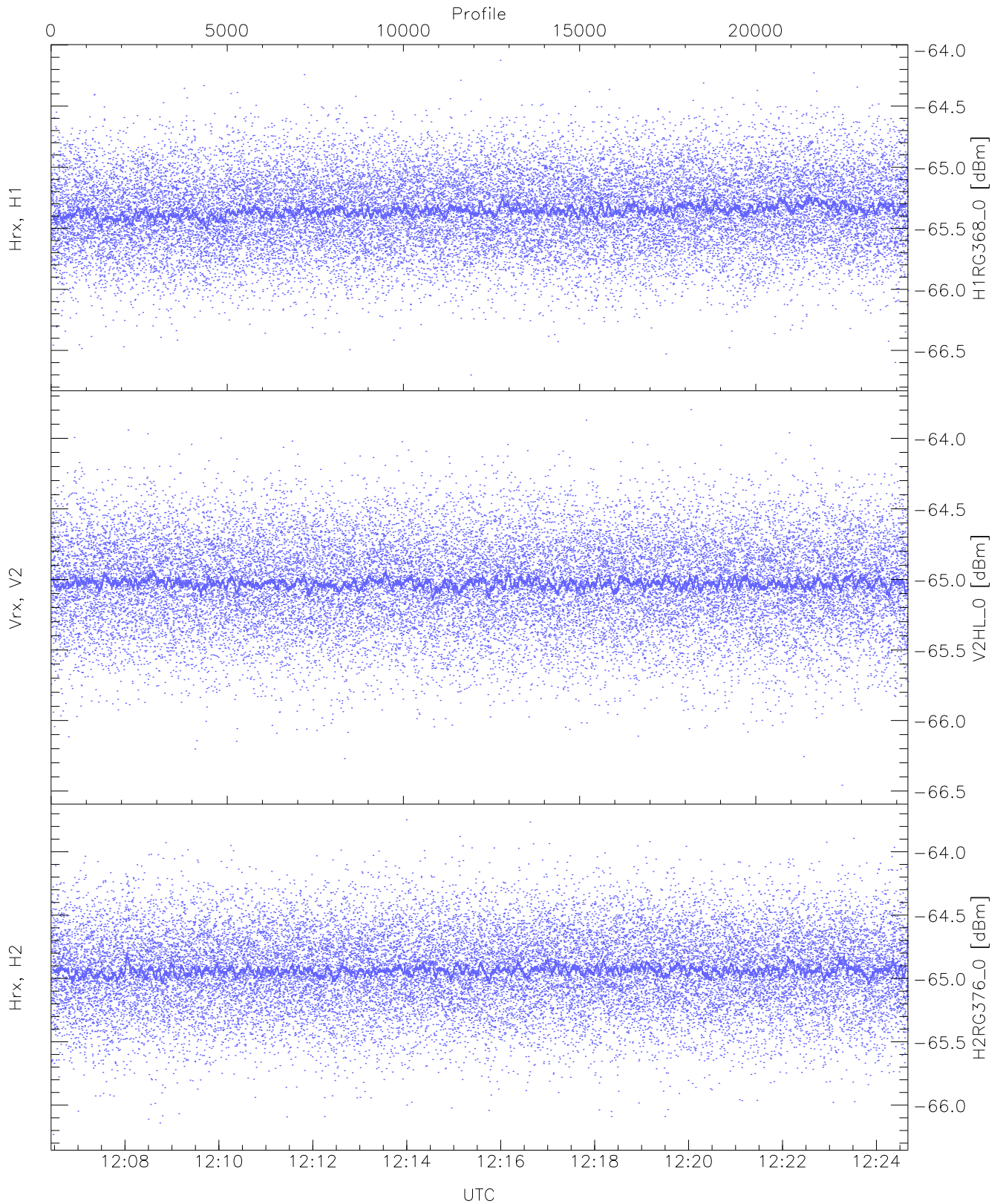
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.11	-63.53	-64.69	-64.70	-76.17
Vrx, V2 (HL [dBm])	-66.21	-63.55	-64.77	-64.78	-76.29
Hrx, H2 (HL [dBm])	-66.10	-63.37	-64.69	-64.70	-76.14



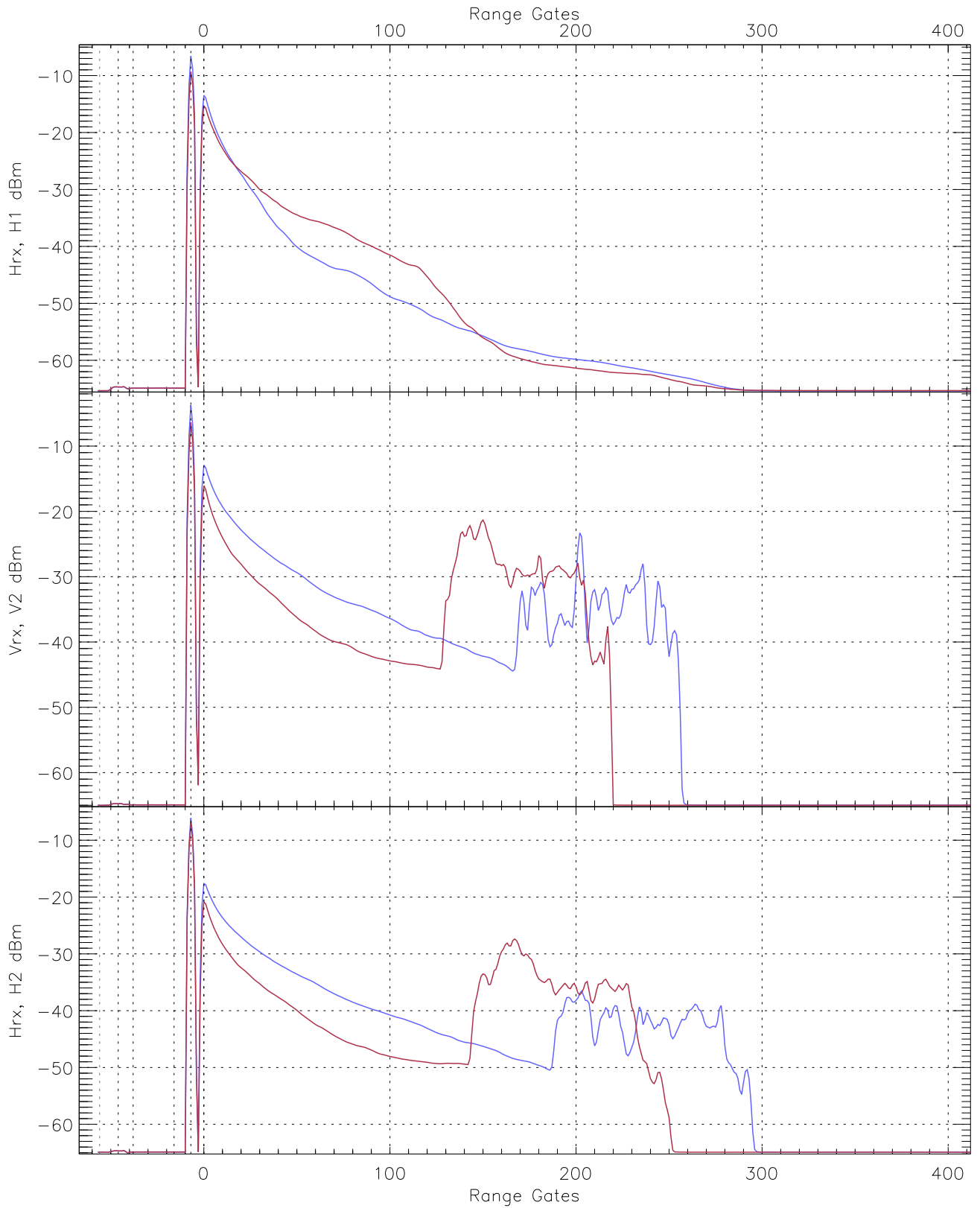
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.58	-64.25	-65.35	-65.36	-76.88
Vrx, V2 (RM [dBm])	-66.39	-63.11	-65.02	-65.03	-76.47
Hrx, H2 (RM [dBm])	-66.15	-63.29	-64.91	-64.92	-76.36

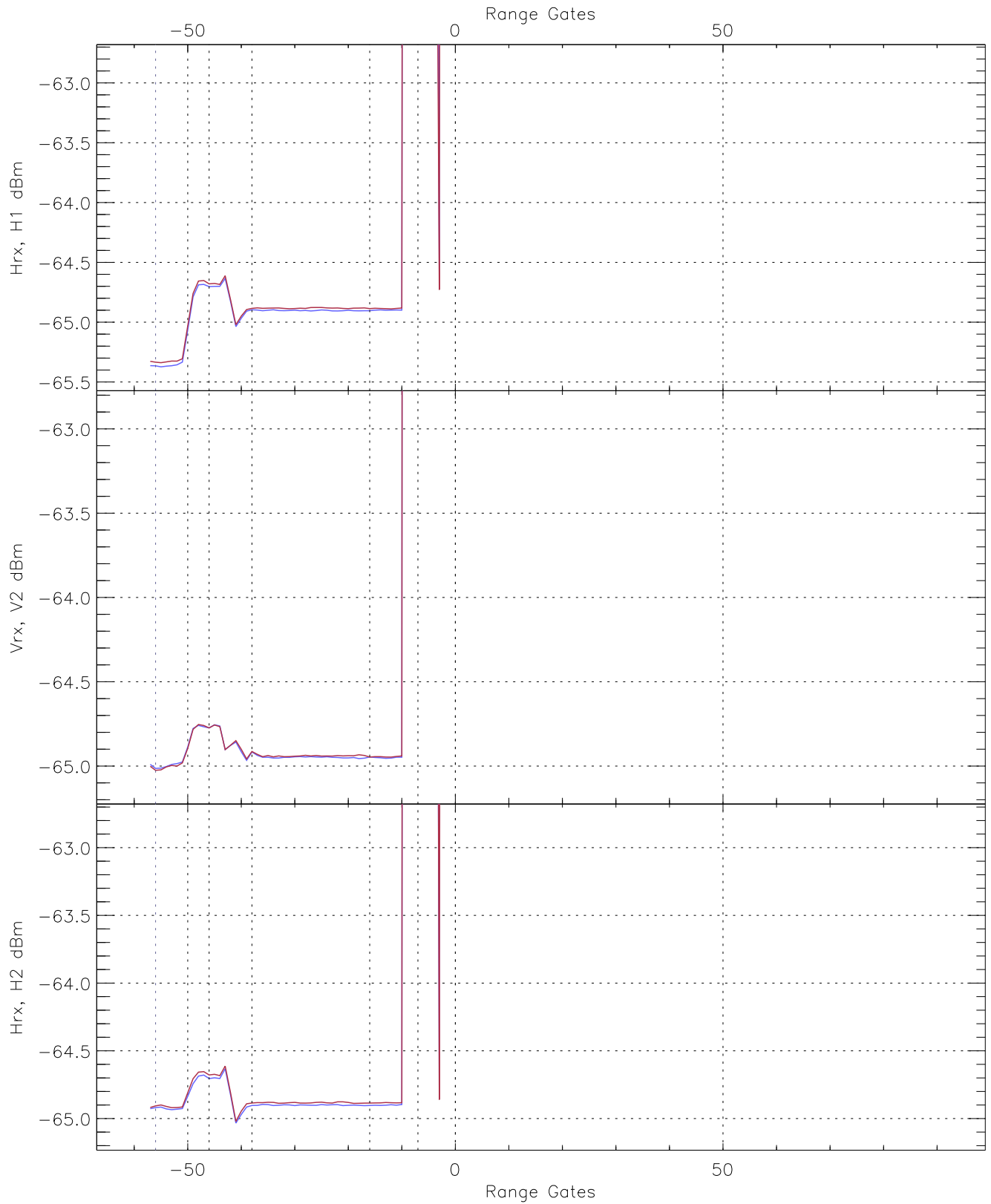


WCR3 CPP "Best" estimate Receivers Noise Power

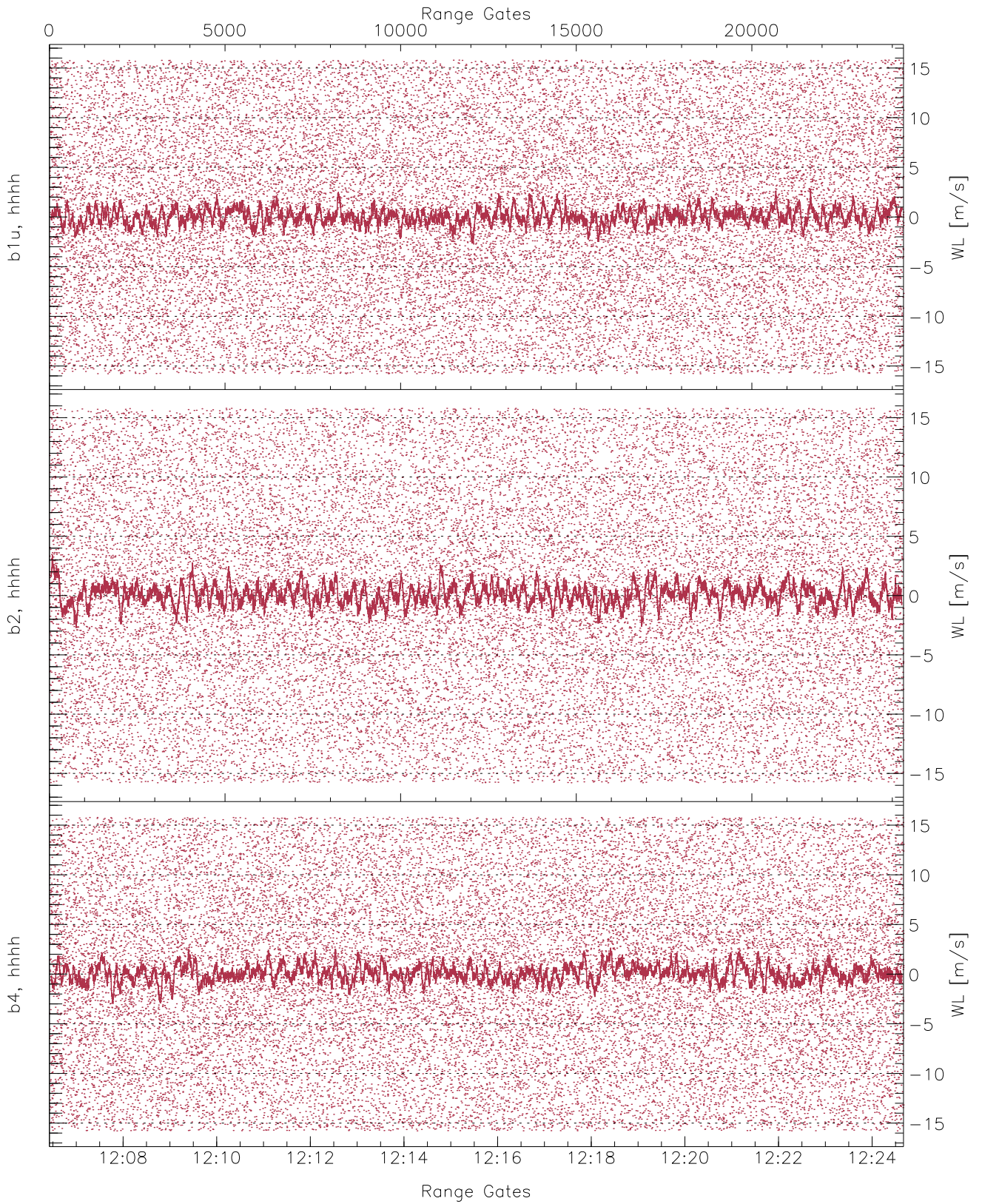
	Min	Max	Mean	Median	StDev
H1RG368_0 [dBm]	-66.70	-64.13	-65.35	-65.36	-76.87
V2HL_0 [dBm]	-66.46	-63.80	-65.02	-65.03	-76.53
H2RG376_0 [dBm]	-66.23	-63.75	-64.93	-64.94	-76.46



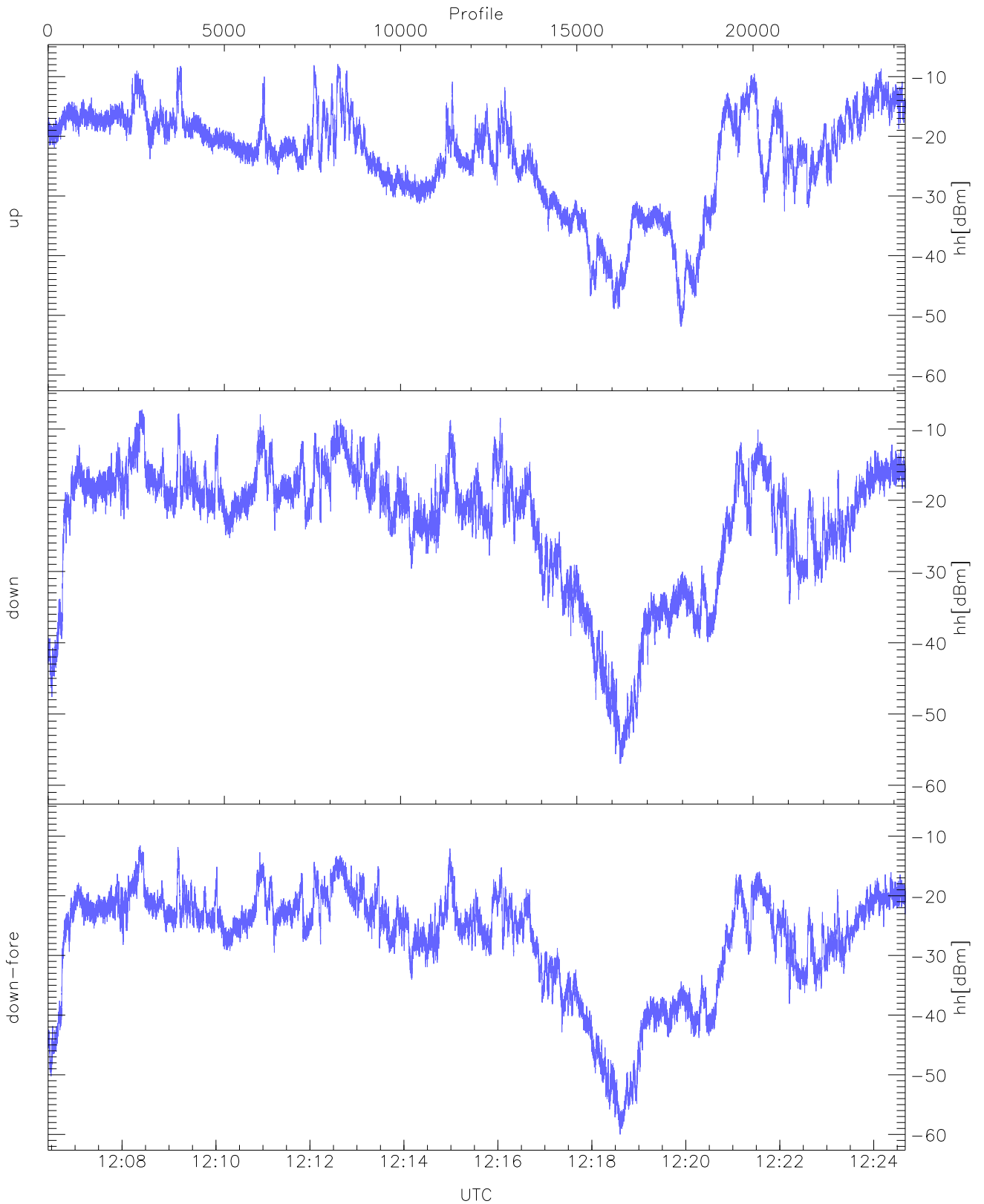
WCR3 CPP Averaged Received power for all recorded gates
blue: 120626-121533, 12161 profiles averaged
red: 121533-122440, 12160 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 120626-121533, 12161 profiles averaged
red: 121533-122440, 12160 profiles averaged

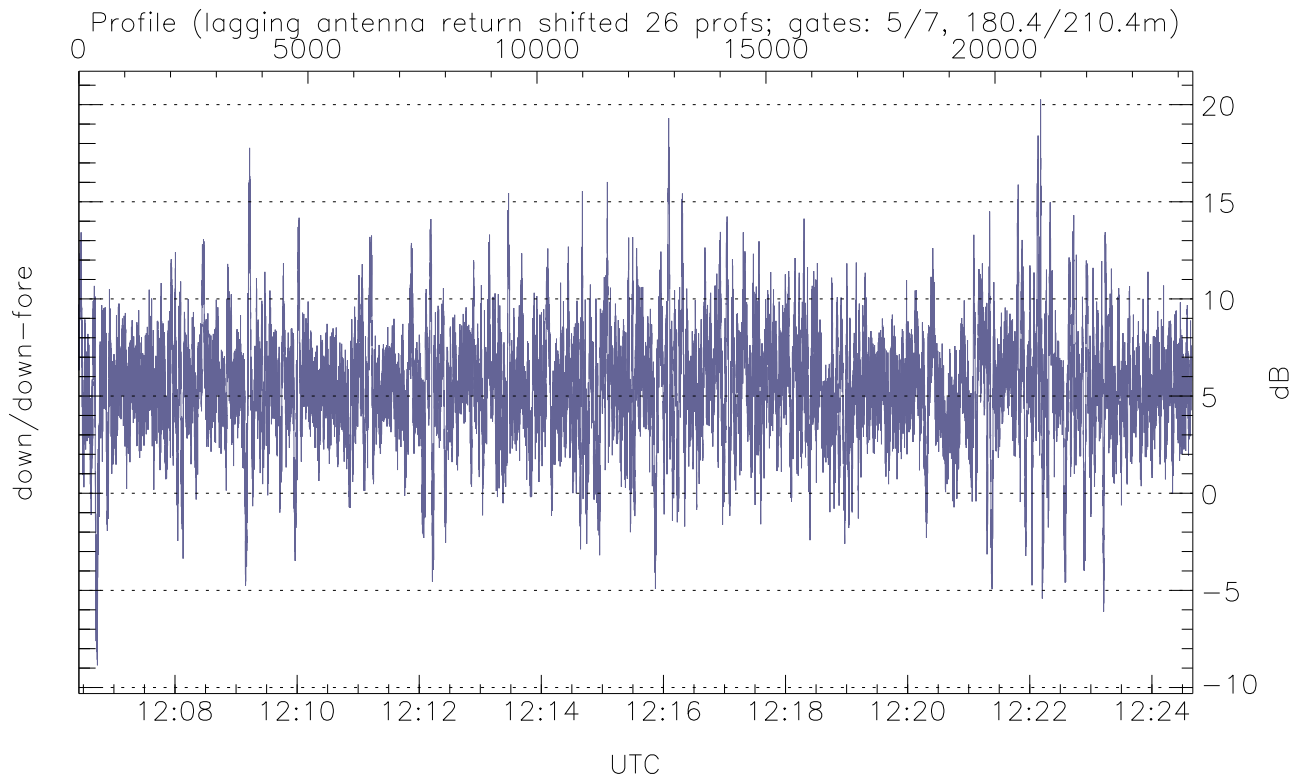
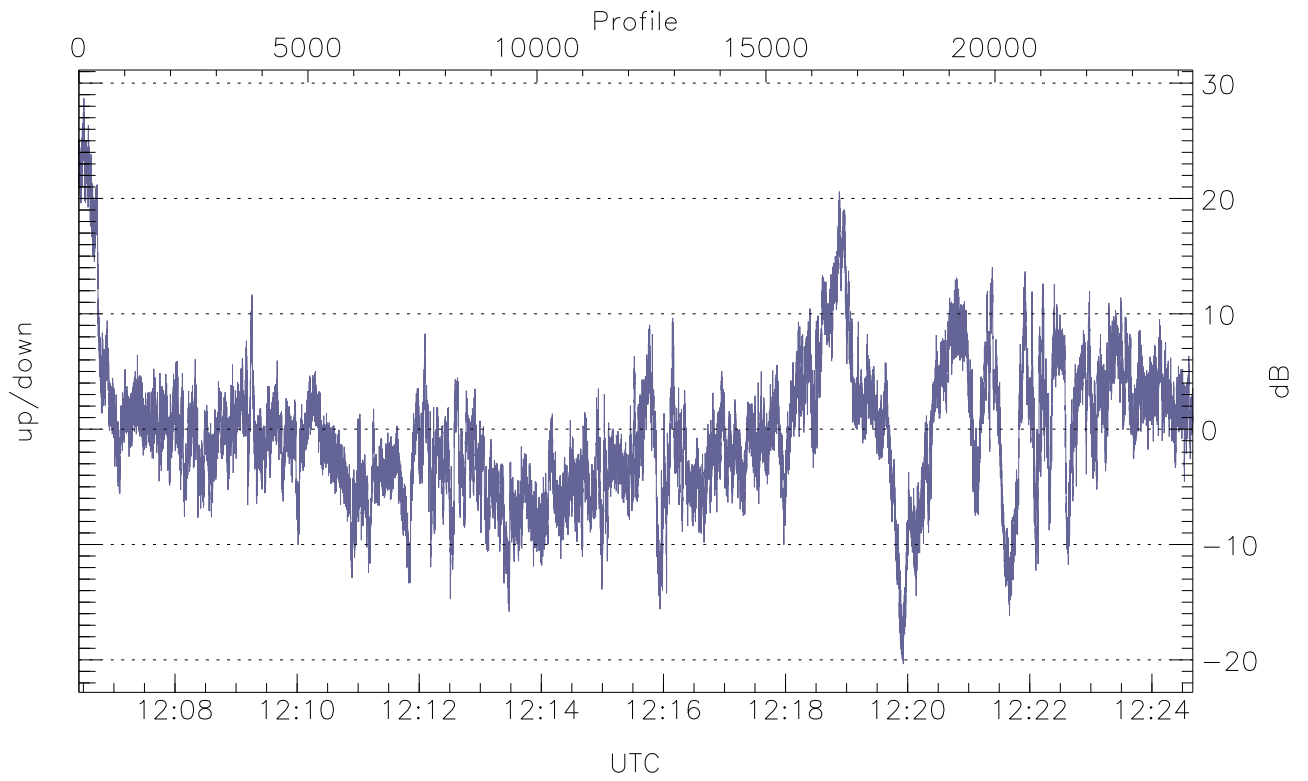


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



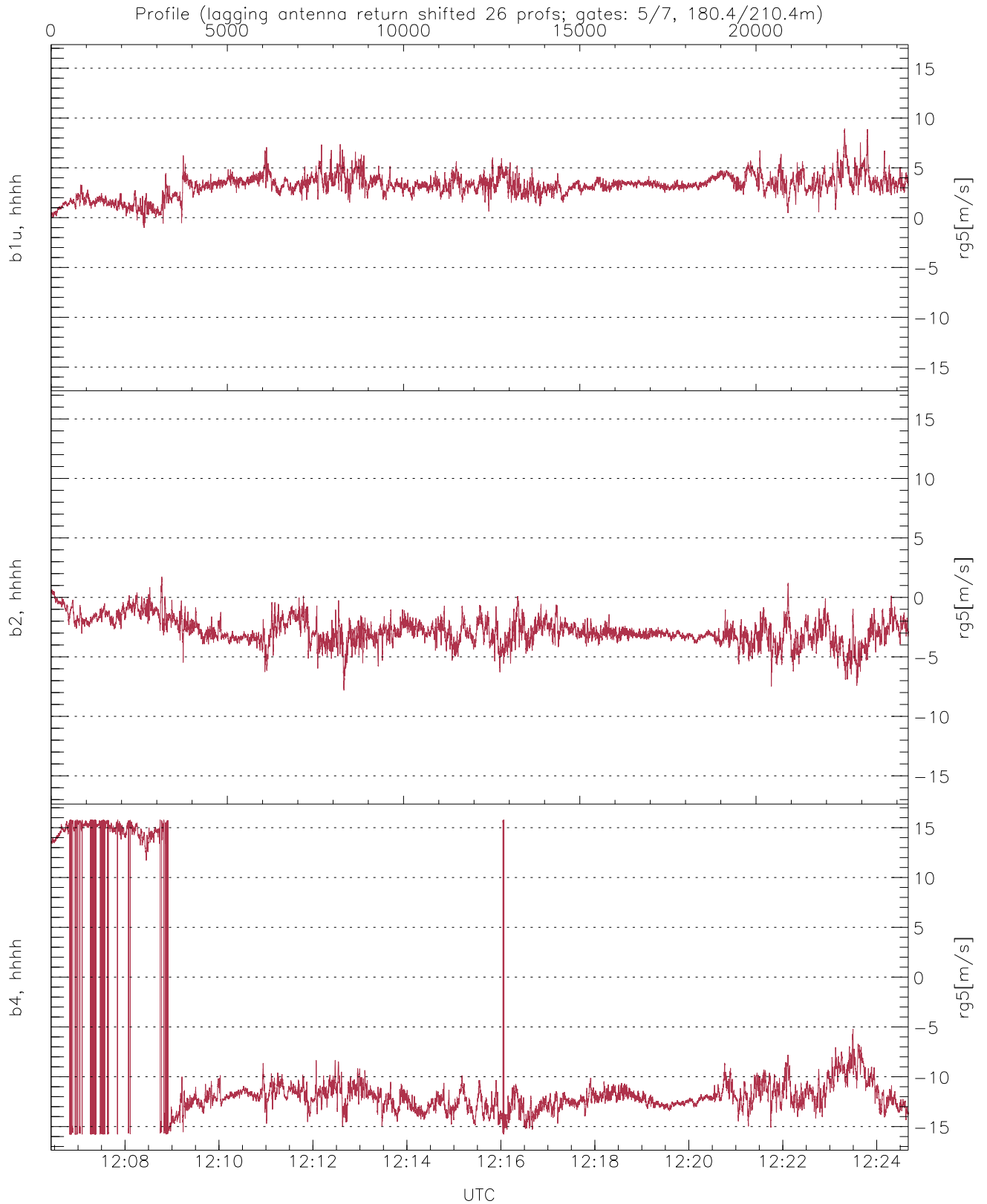
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-51.91	-7.90	-18.77
down(hh[dBm])	-56.99	-7.26	-18.18
down-fore(hh[dBm])	-60.00	-11.55	-22.54



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

	Min	Max	Mean
up/down (dB)	-20.37	28.69	-0.37
down/down-fore (dB)	-8.85	20.26	5.48



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.02	8.95	3.19	1.12
b2, hhhh(rg5[m/s])	-7.82	1.74	-2.82	1.13
b4, hhhh(rg5[m/s])	-15.79	15.79	-8.84	8.89