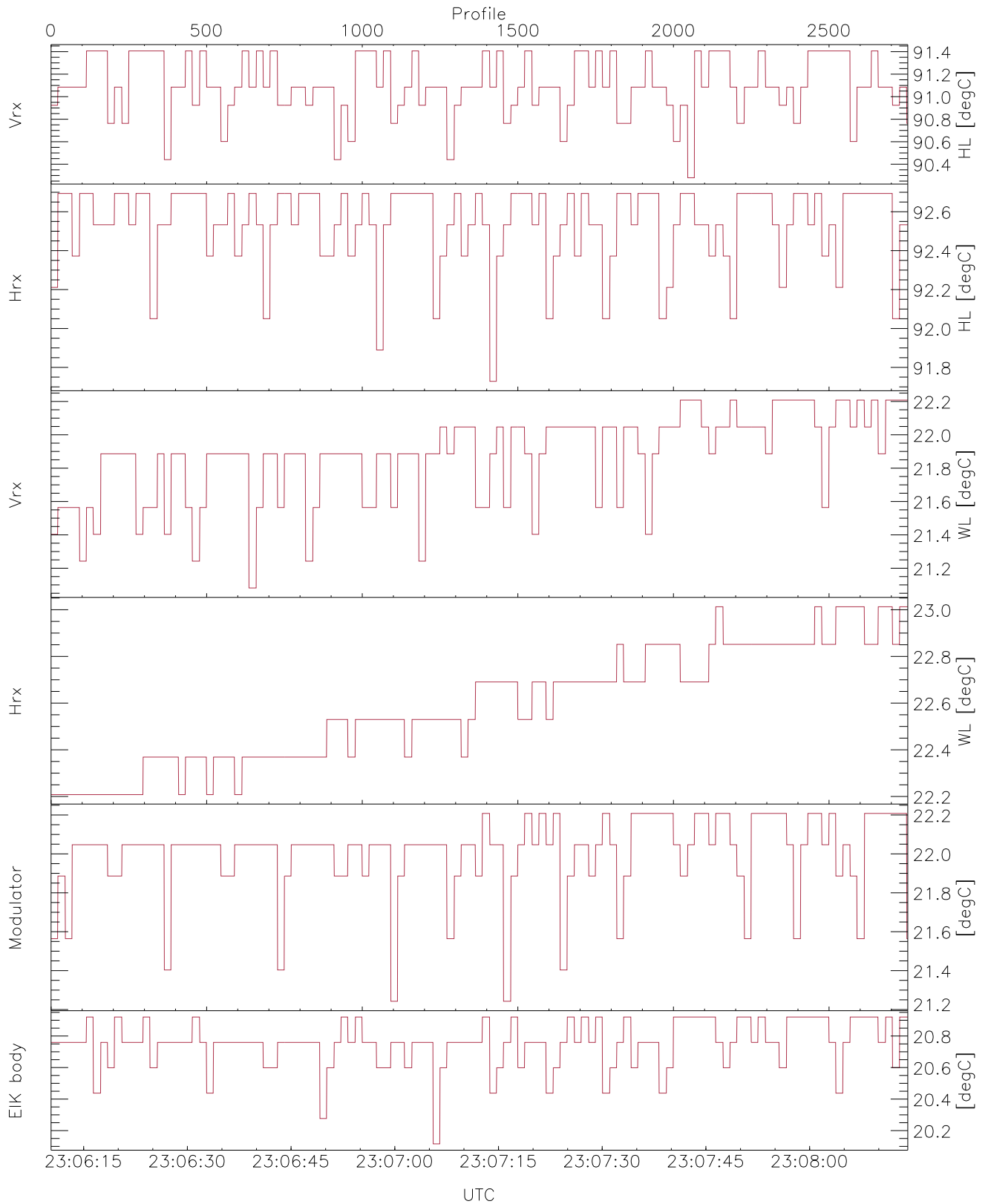


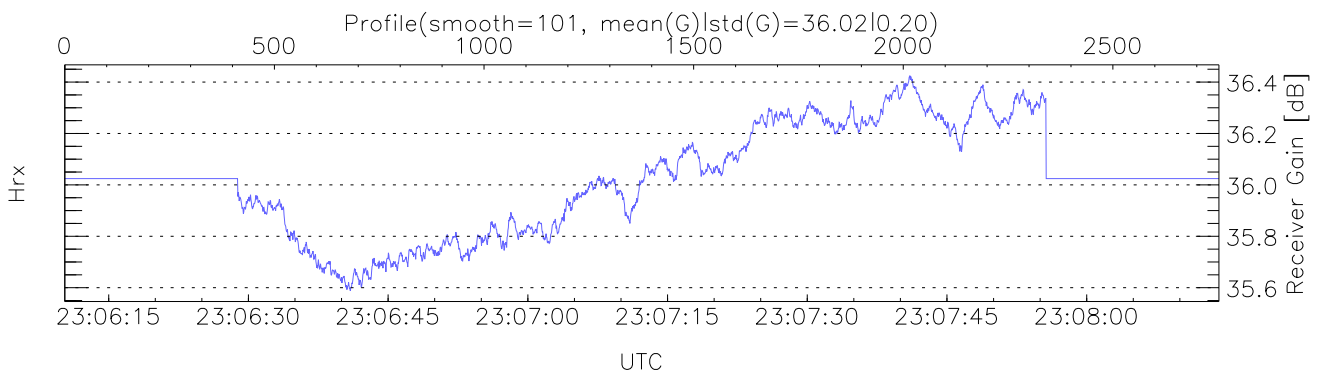
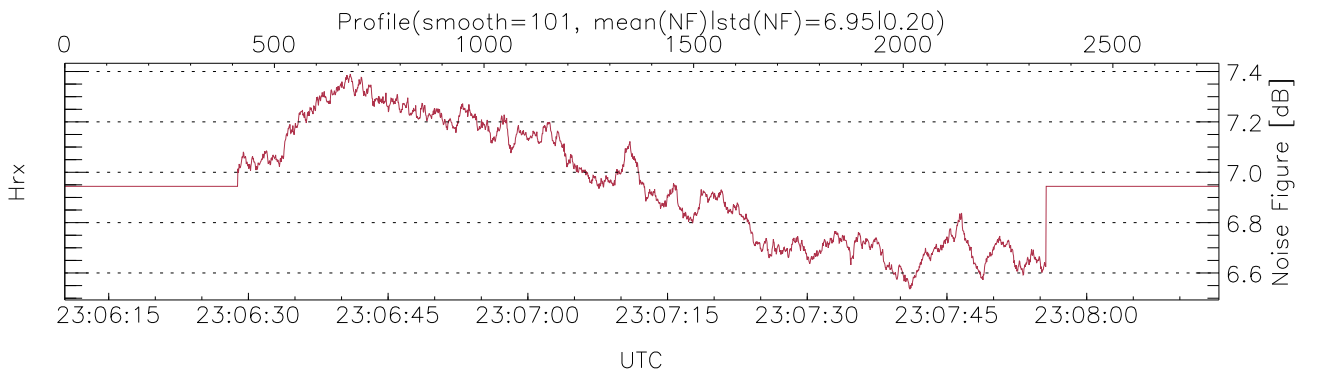
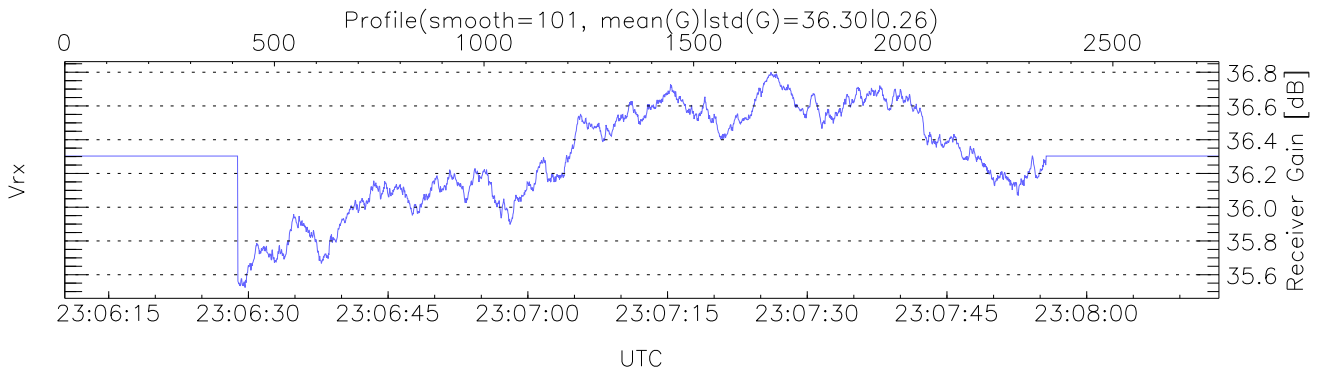
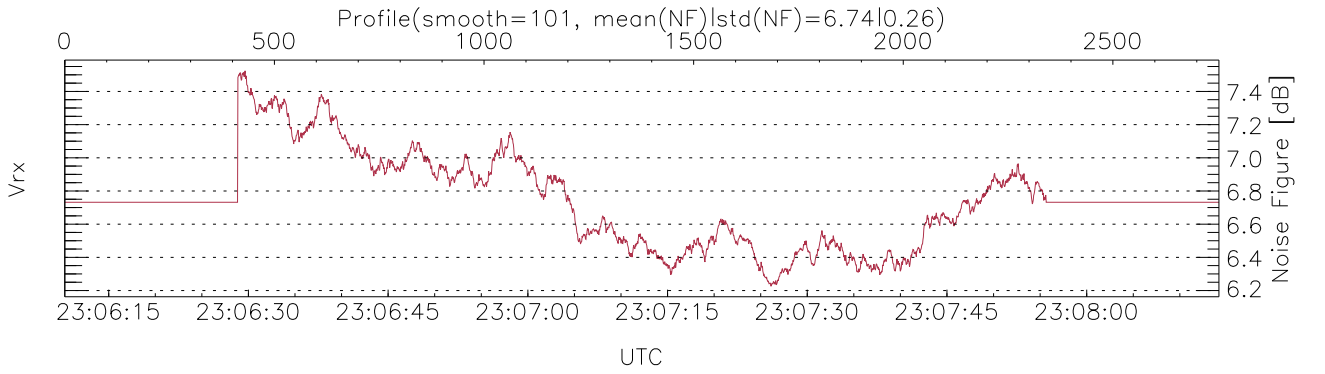
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:06:10-23:08:14, TimeCor: 0.00s, Dur: 123.92s
 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): 2754/2754, 0-2753/23:06:10-23:08:14
 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



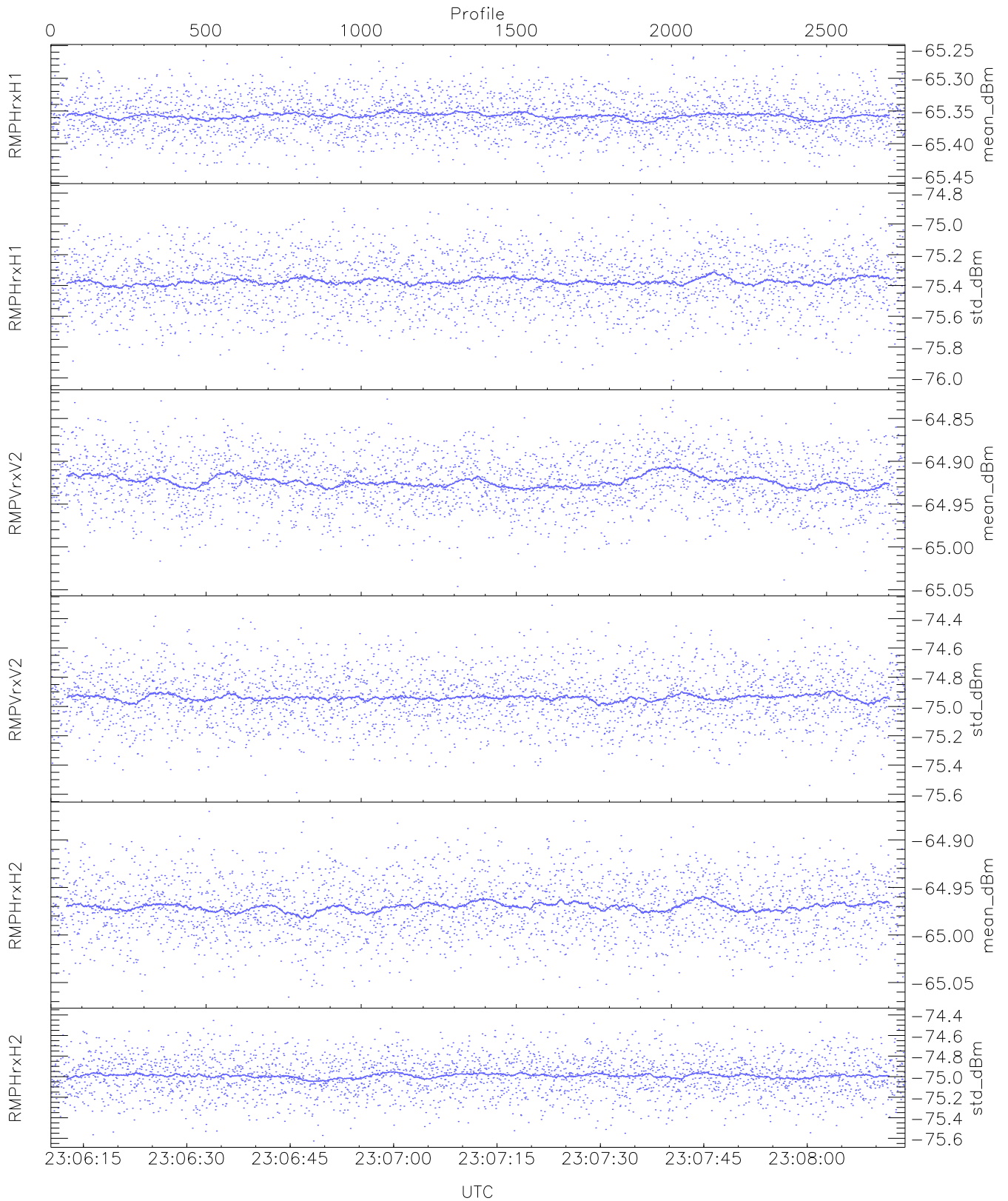
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,22,21,20`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,23,22,20`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK Faults(# prof affected):`
`BodyCurr,DeckF,OverDuty (22,22,22)`



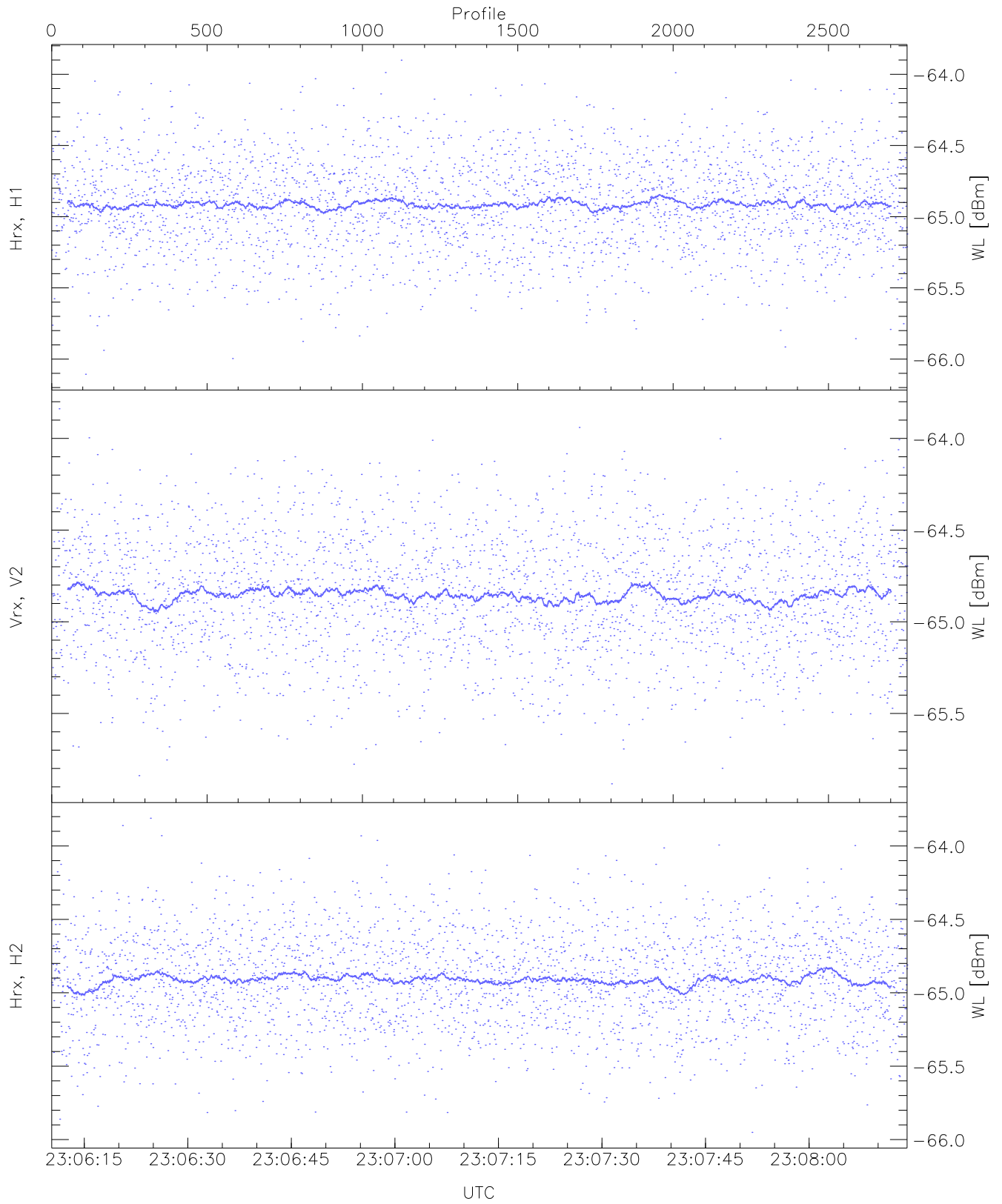
WCR3 CPP Receivers Gain and Noise Figure

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



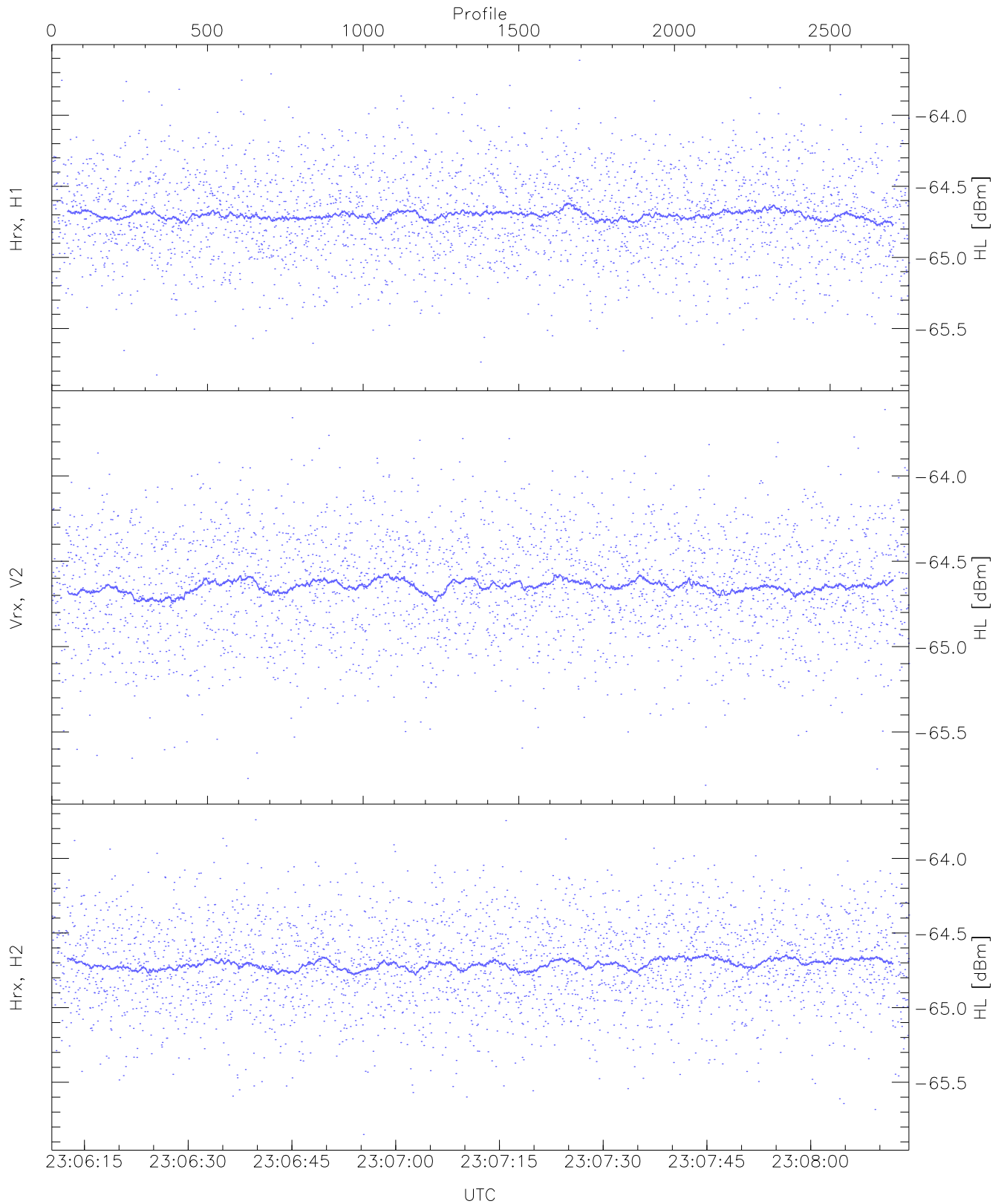
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.26	-65.36	-65.36	-87.02
RMPHrxH1 (std_dBm)	-76.02	-74.80	-75.37	-75.37	-89.23
RMPVrxV2 (mean_dBm)	-65.05	-64.83	-64.92	-64.92	-86.49
RMPVrxV2 (std_dBm)	-75.59	-74.31	-74.94	-74.94	-88.80
RMPHrxH2 (mean_dBm)	-65.07	-64.87	-64.97	-64.97	-86.60
RMPHrxH2 (std_dBm)	-75.63	-74.40	-74.99	-74.99	-88.72



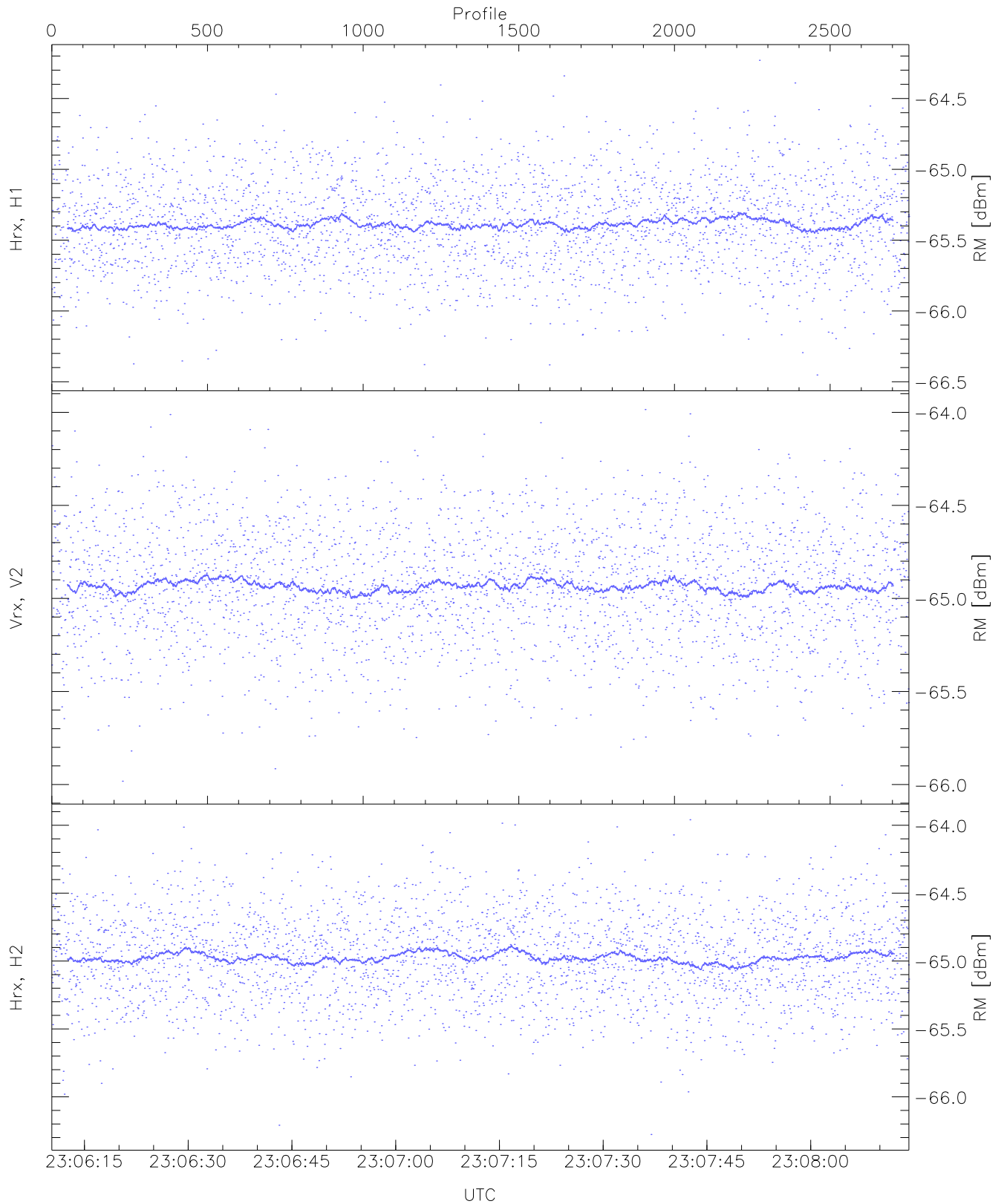
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.11	-63.90	-64.90	-64.91	-76.38
Vrx, V2 (WL [dBm])	-65.88	-63.84	-64.84	-64.85	-76.32
Hrx, H2 (WL [dBm])	-65.95	-63.81	-64.90	-64.91	-76.44



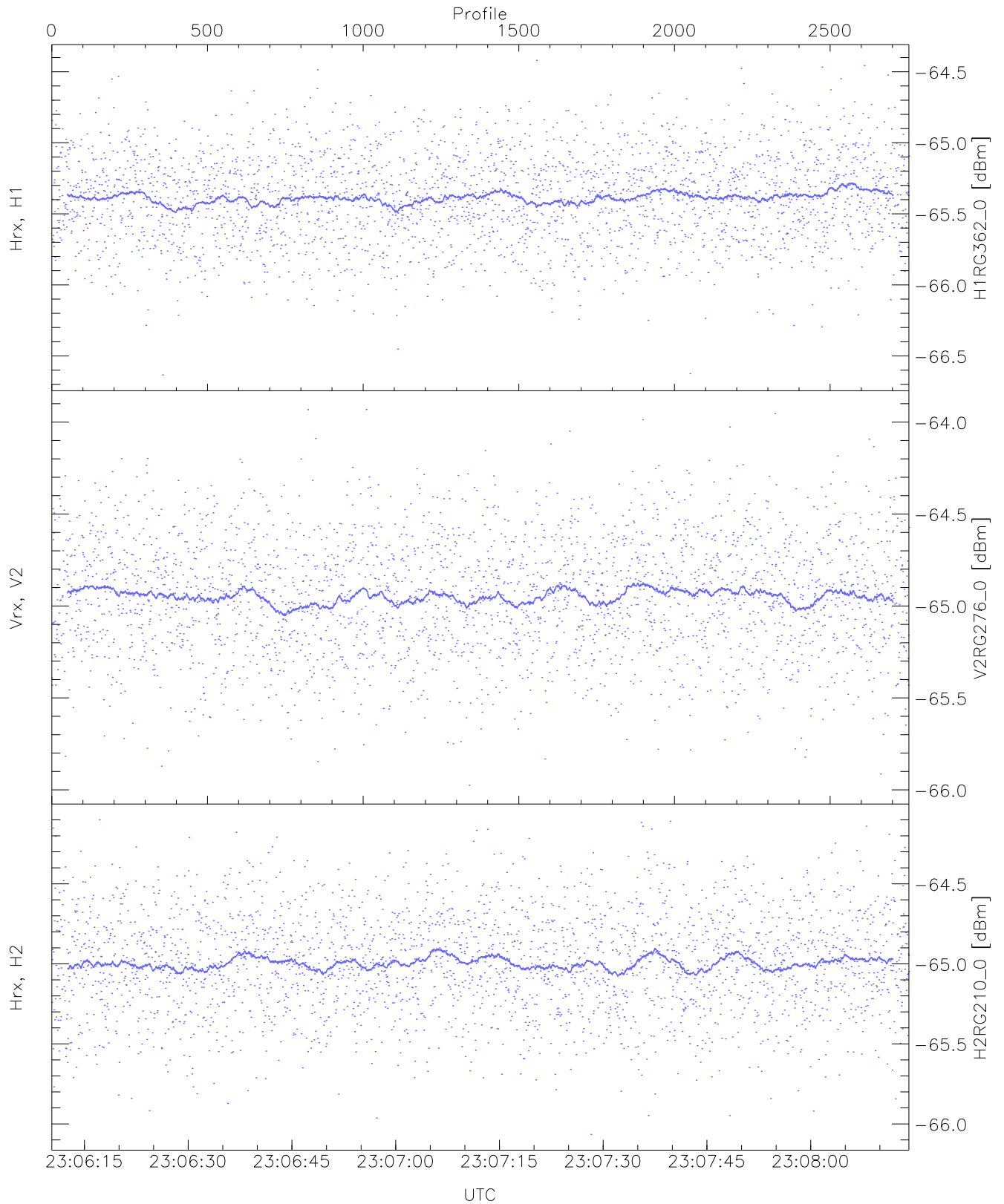
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.83	-63.61	-64.70	-64.71	-76.16
Vrx, V2 (HL [dBm])	-65.81	-63.61	-64.64	-64.64	-76.17
Hrx, H2 (HL [dBm])	-65.85	-63.74	-64.70	-64.71	-76.42



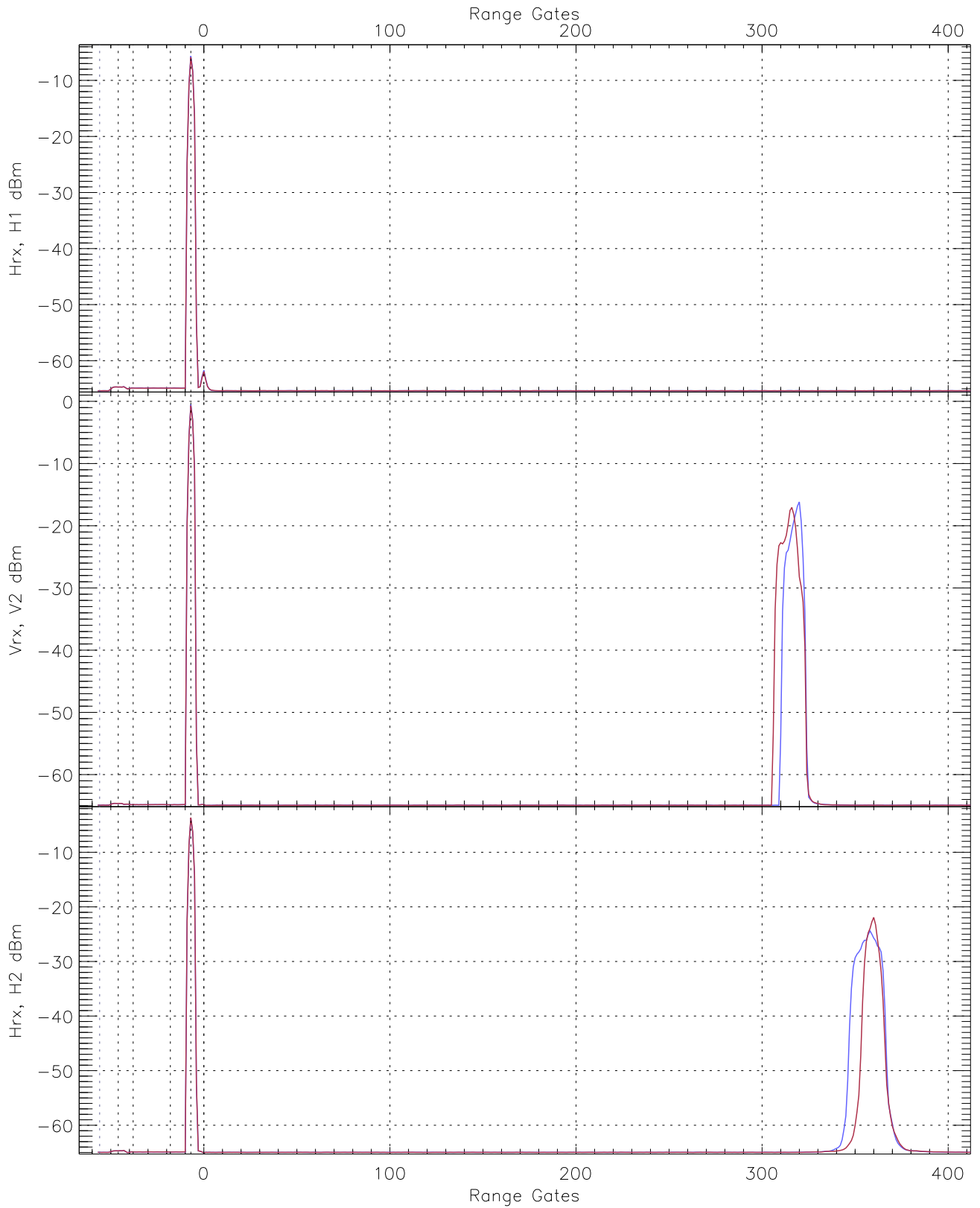
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.45	-64.23	-65.38	-65.39	-76.84
Vrx, V2 (RM [dBm])	-66.00	-63.98	-64.93	-64.93	-76.56
Hrx, H2 (RM [dBm])	-66.28	-63.96	-64.97	-64.97	-76.39

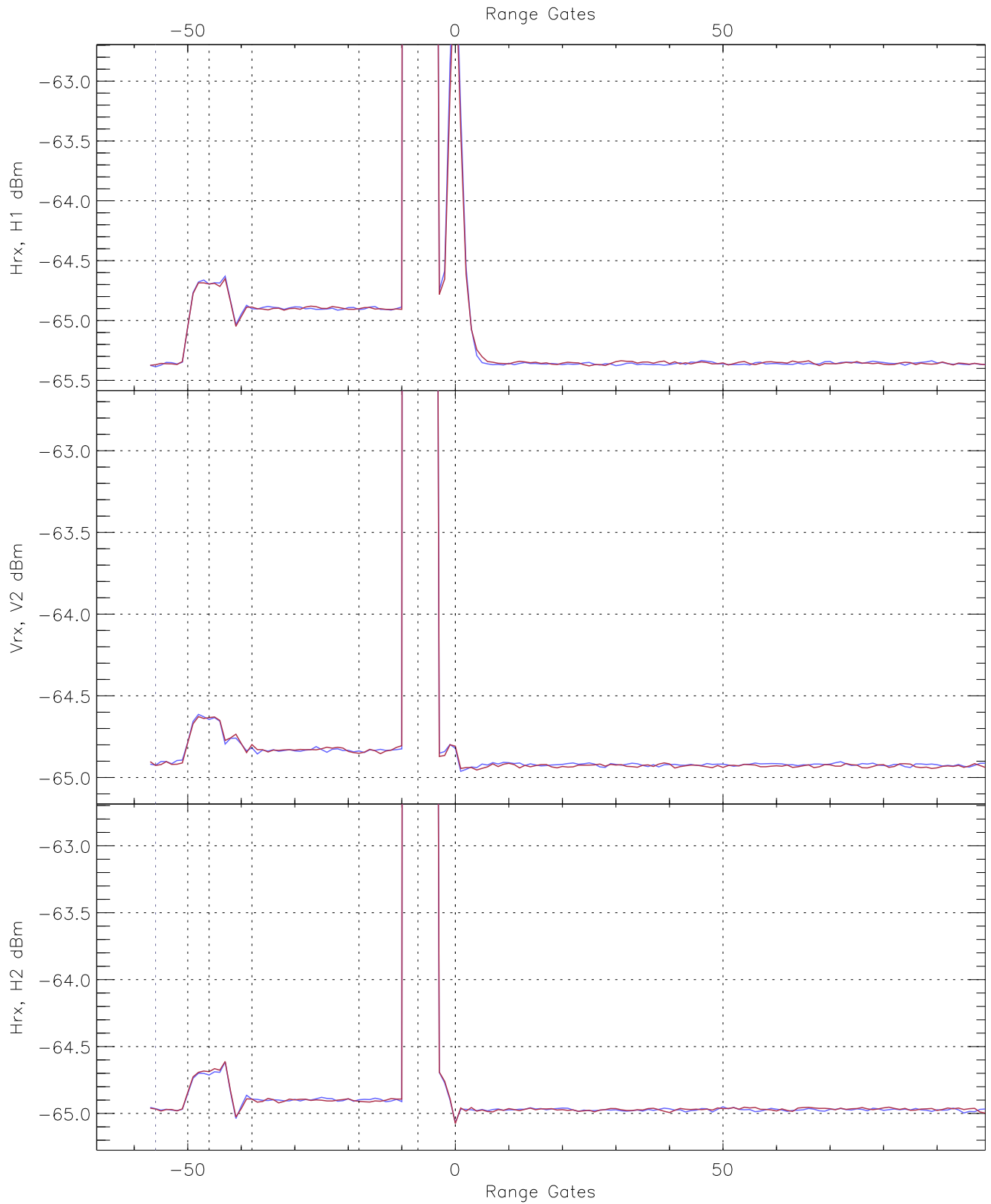


WCR3 CPP "Best" estimate Receivers Noise Power

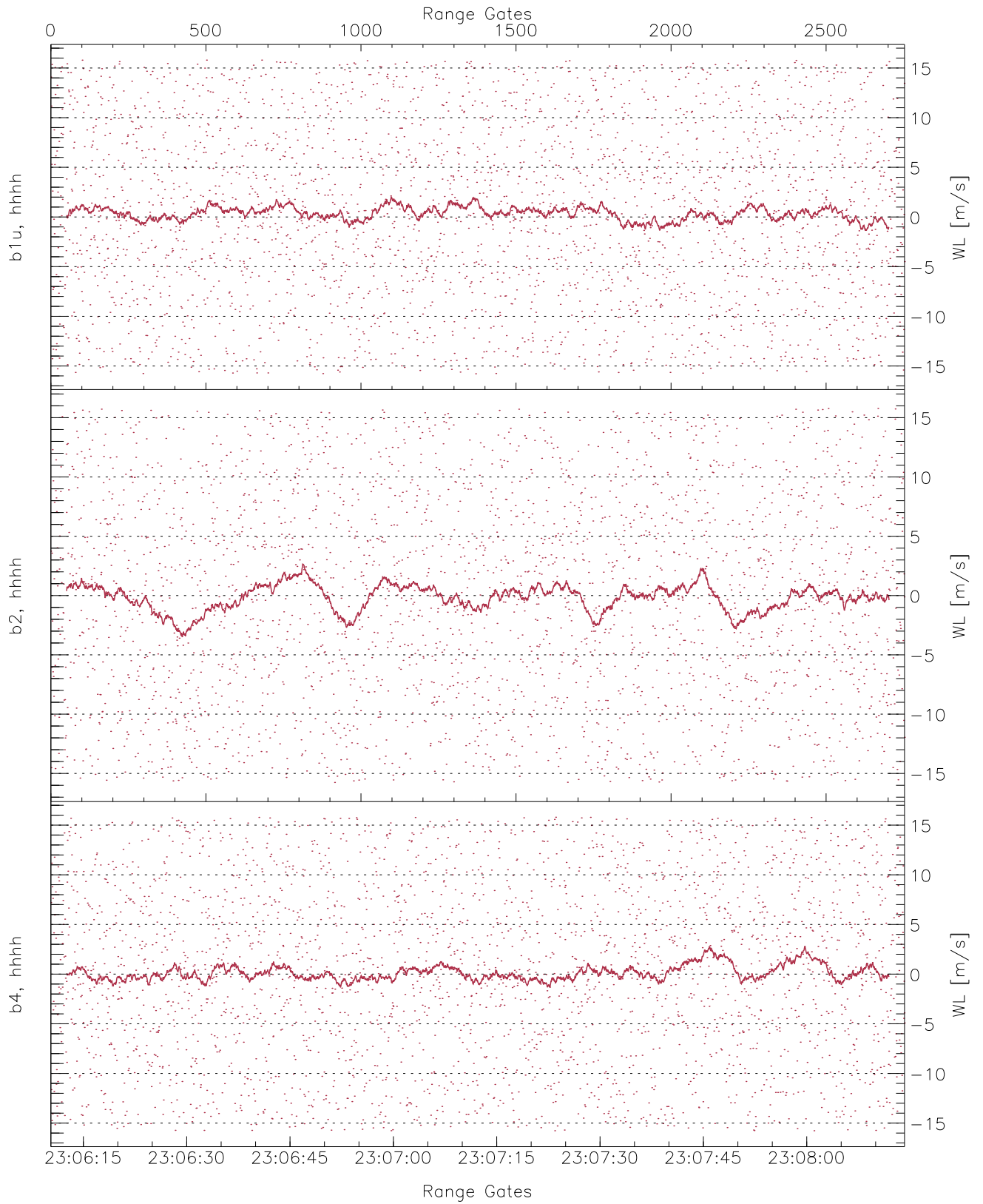
	Min	Max	Mean	Median	StDev
H1RG362_0 [dBm]	-66.63	-64.42	-65.38	-65.38	-76.94
V2RG276_0 [dBm]	-65.98	-63.93	-64.94	-64.94	-76.40
H2RG210_0 [dBm]	-66.07	-64.10	-64.99	-65.00	-76.51



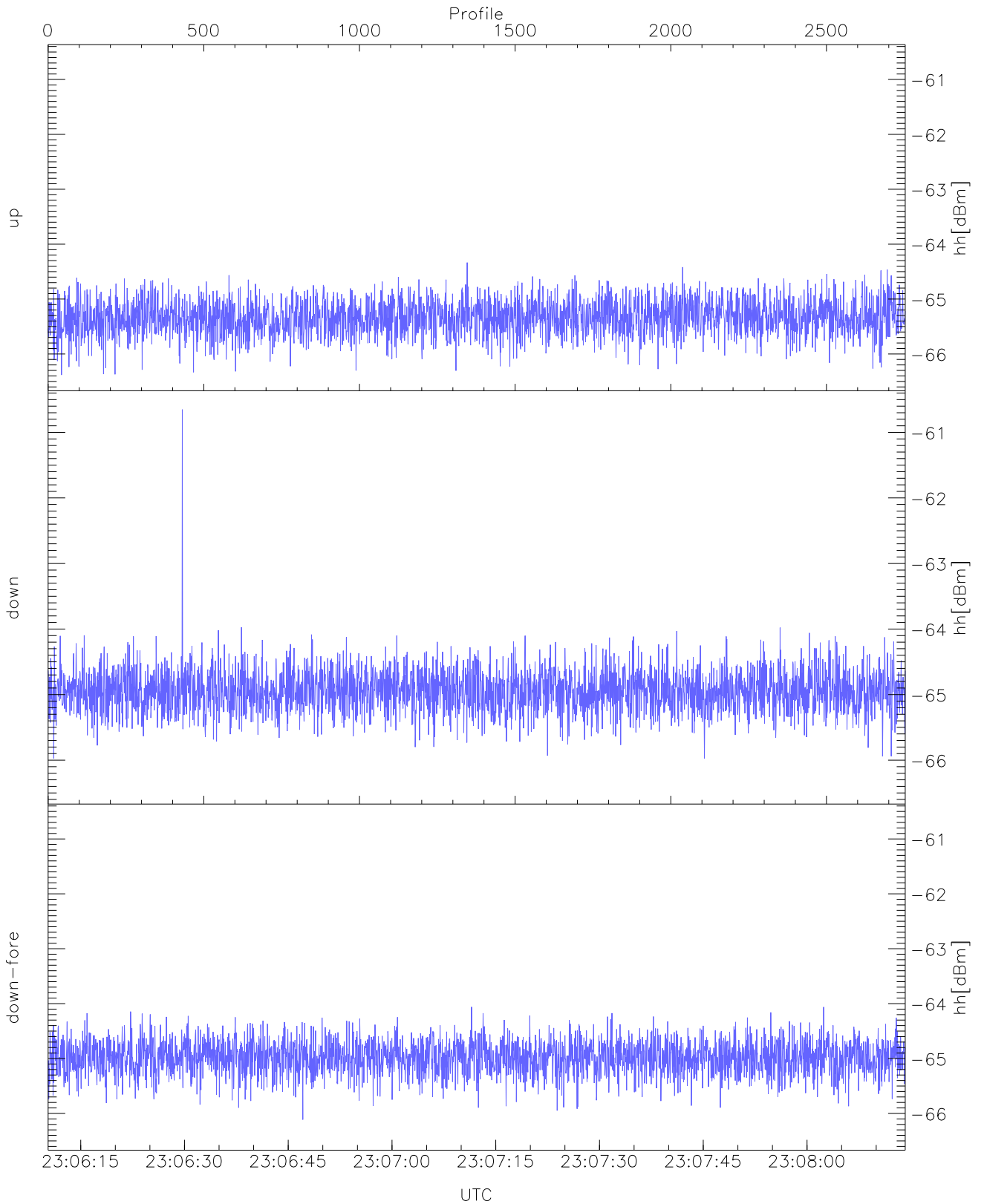
WCR3 CPP Averaged Received power for all recorded gates
blue: 230610-230712, 1378 profiles averaged
red: 230712-230814, 1377 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 230610-230712, 1378 profiles averaged
red: 230712-230814, 1377 profiles averaged

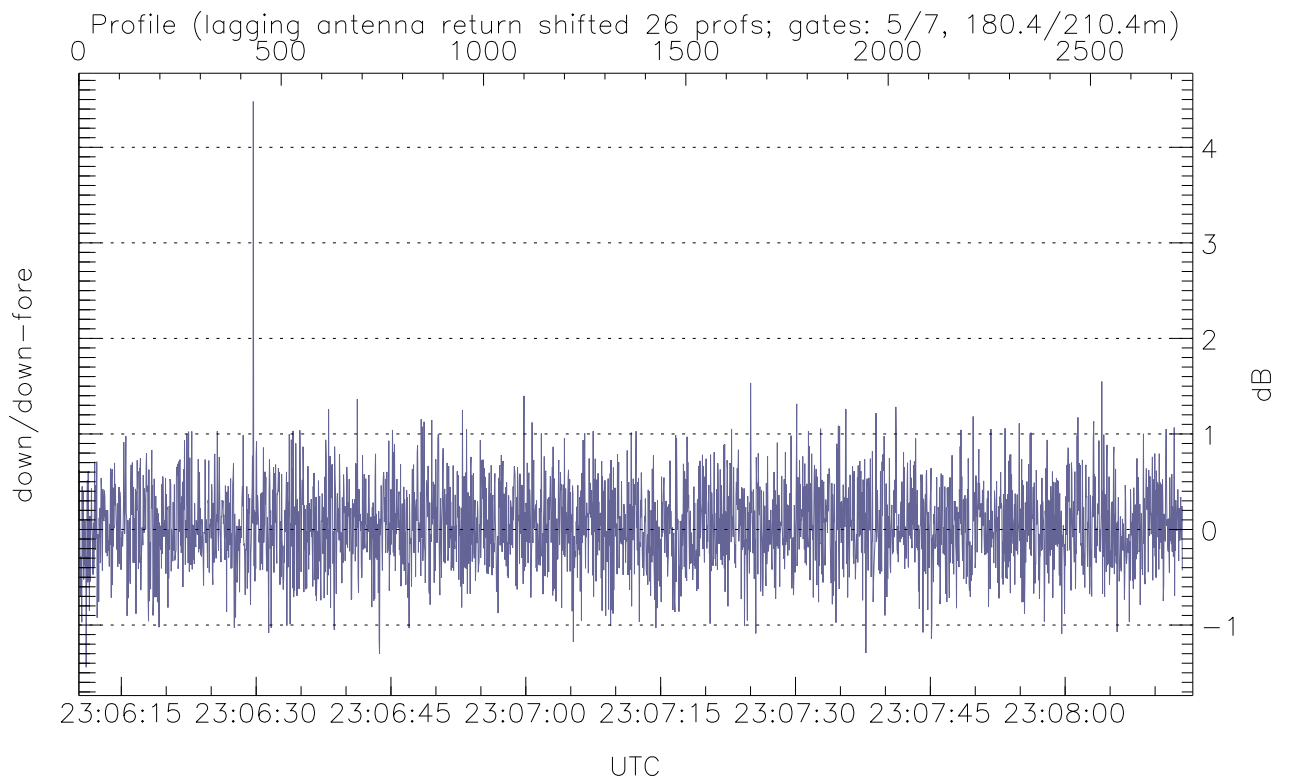
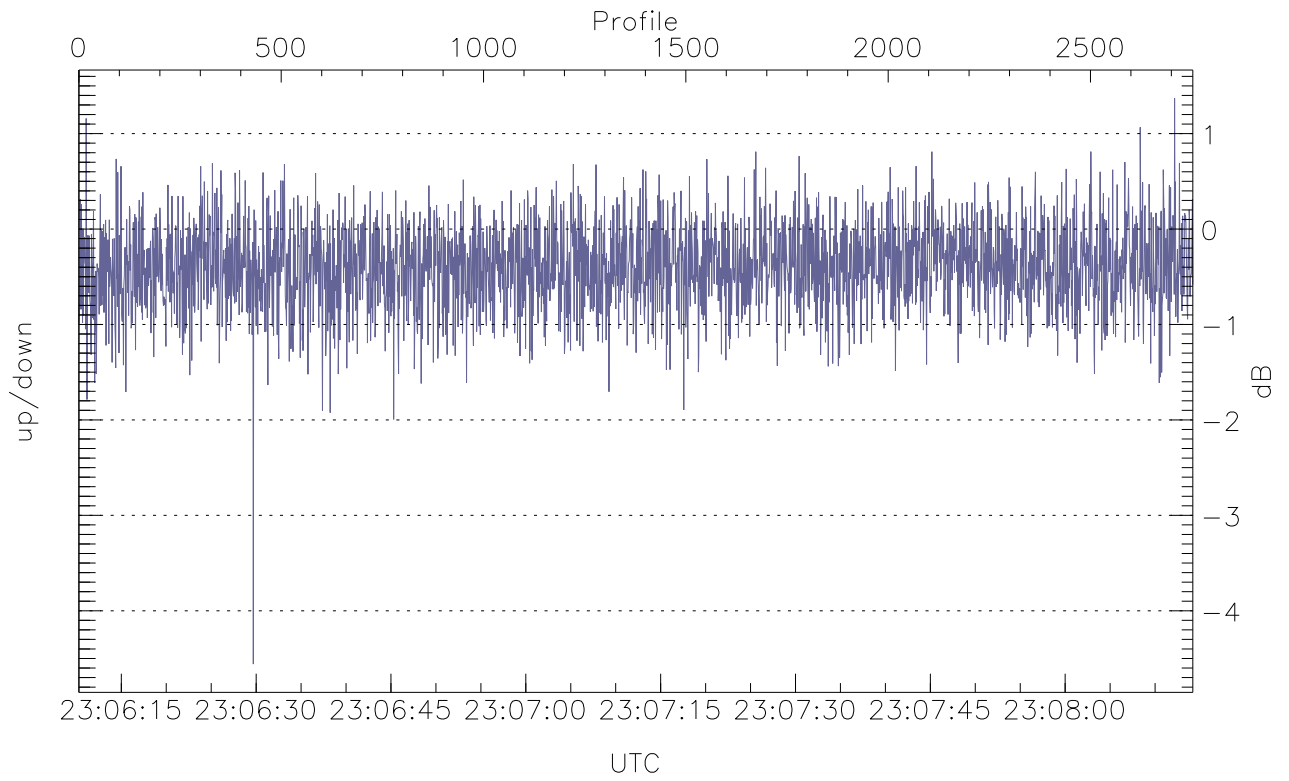


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



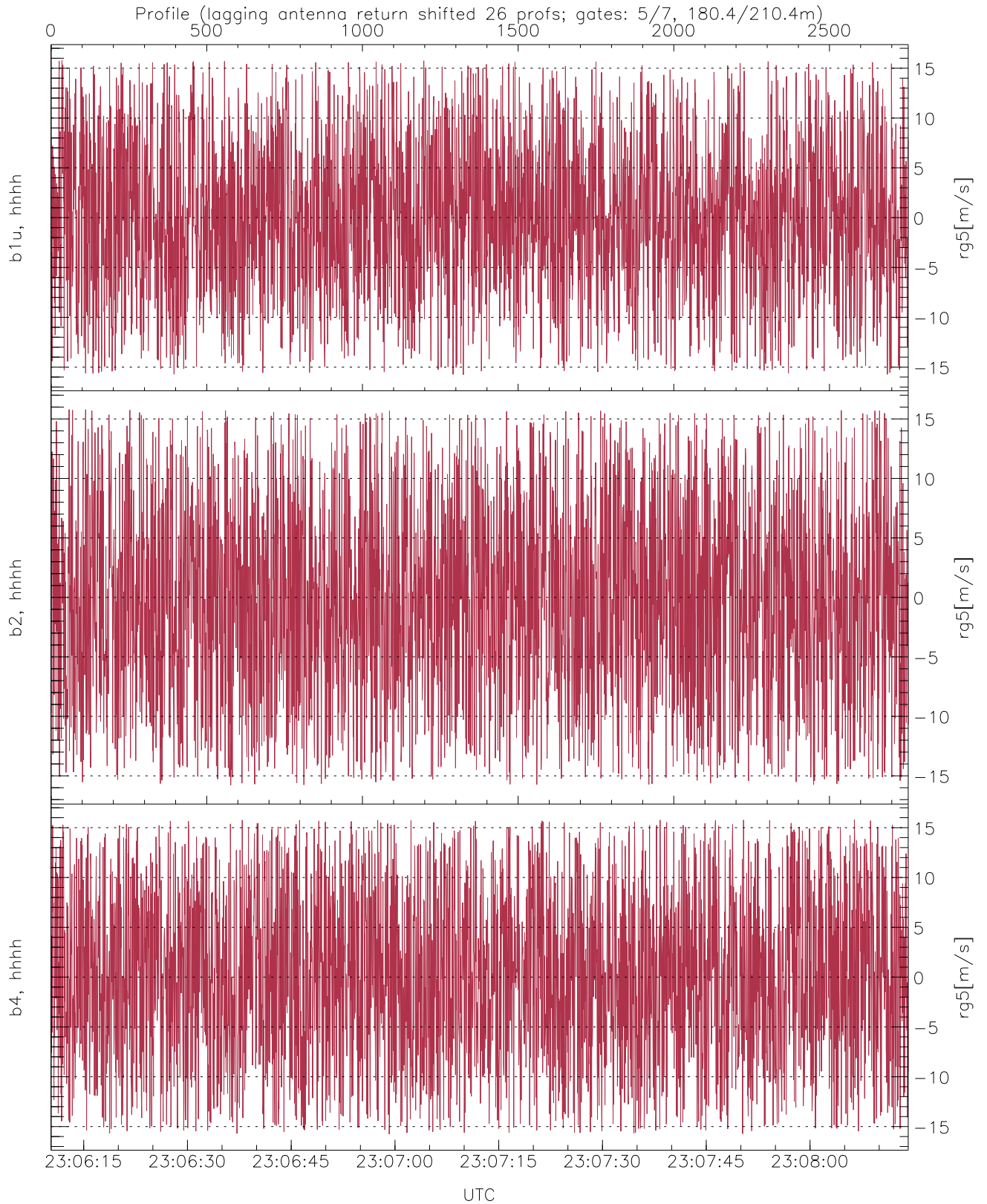
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.38	-64.33	-65.33
down(hh[dBm])	-65.97	-60.65	-64.93
down-fore(hh[dBm])	-66.11	-64.06	-64.97



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

	Min	Max	Mean
up/down (dB)	-4.56	1.37	-0.40
down/down-fore (dB)	-1.44	4.48	0.05



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.78	0.11	7.88
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.31	8.33
b4, hhhh(rg5[m/s])	-15.76	15.79	-0.10	8.56