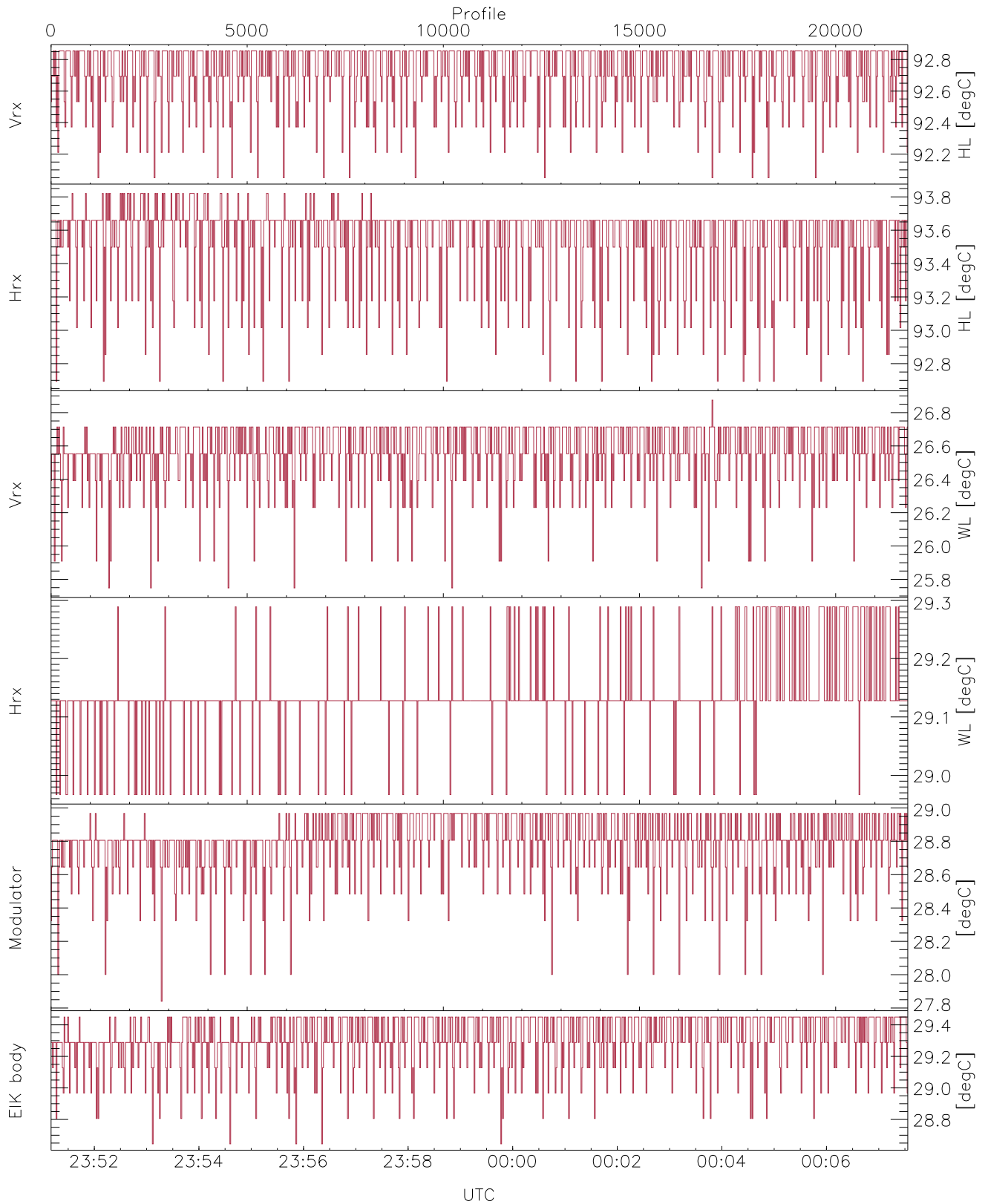


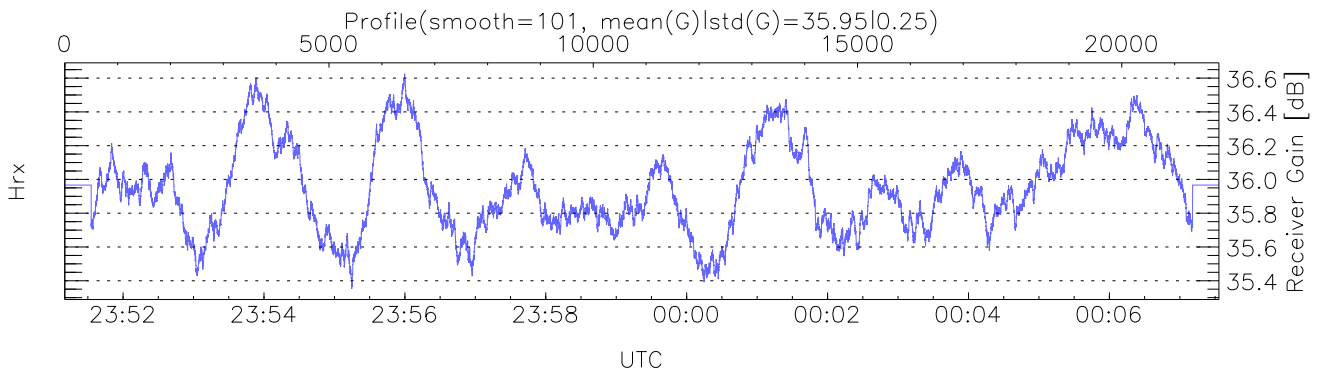
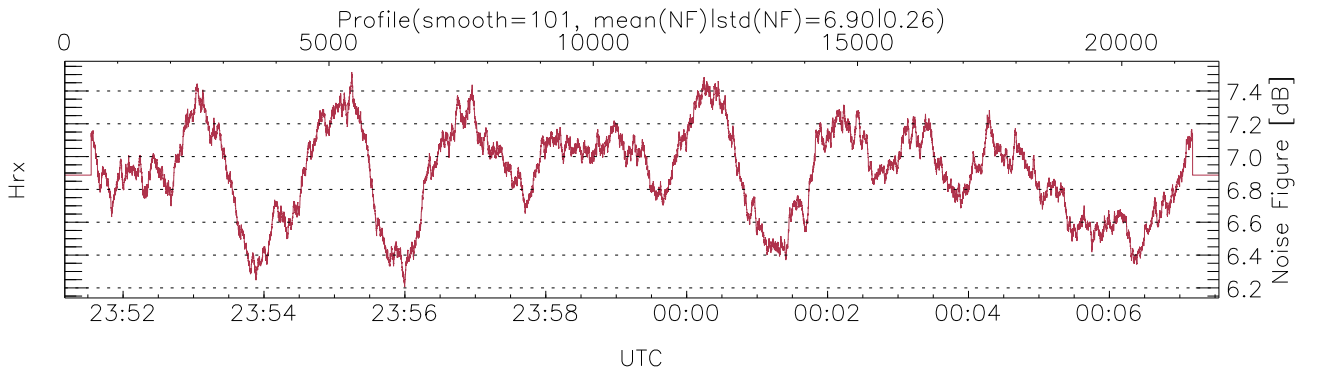
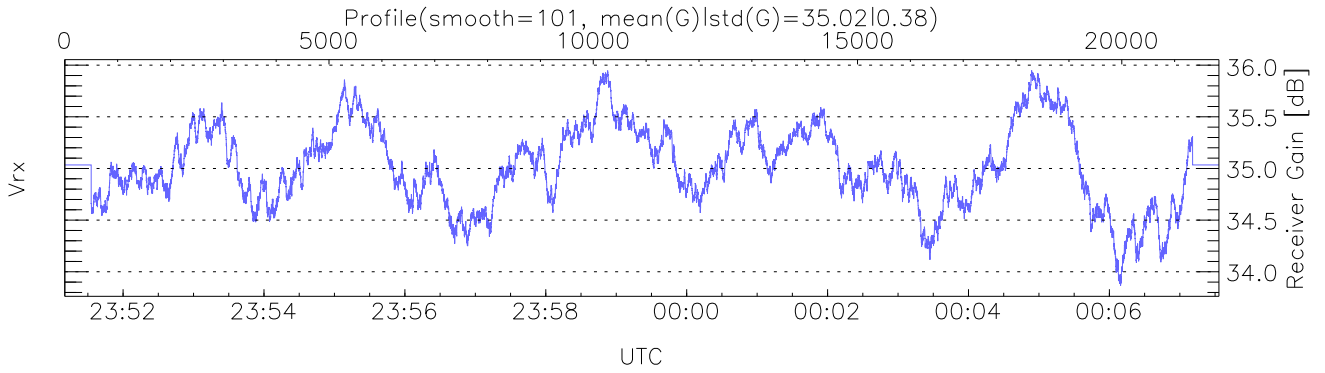
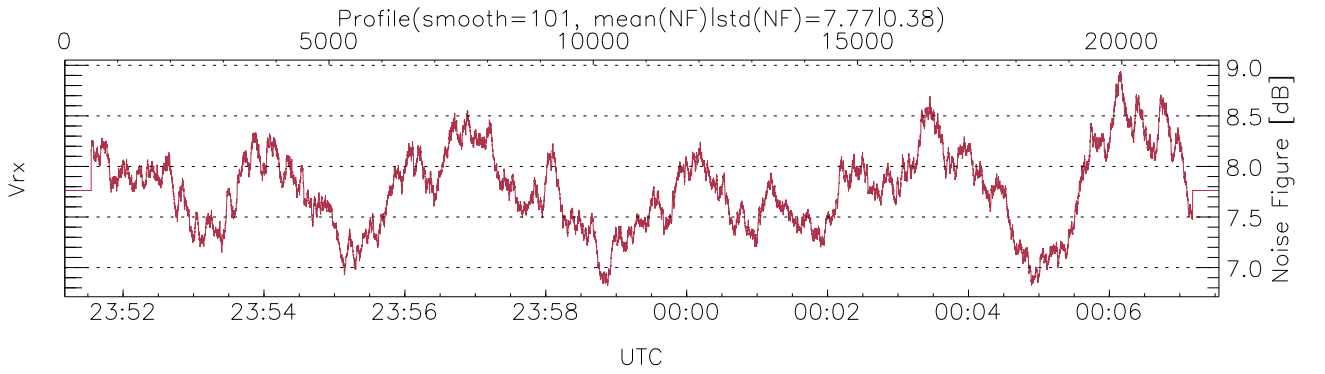
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:51:10-00:07:33, TimeCor: 0.00s, Dur: 983.00s
 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): 21840/21840, 0-21839/23:51:10-00:07:33
 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



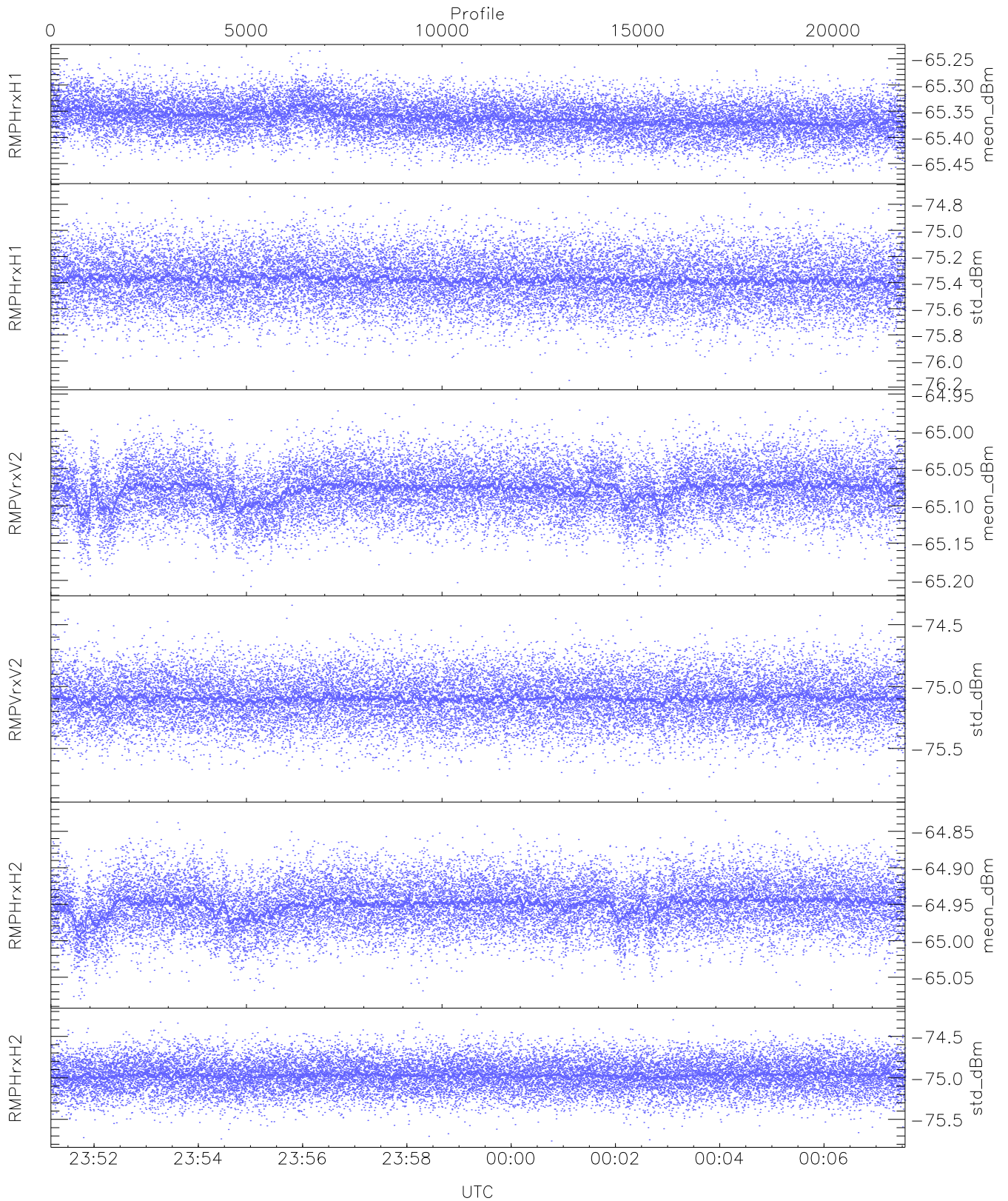
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,25,28,27,28`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,28,29`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (48,48,48,48,48,48)`



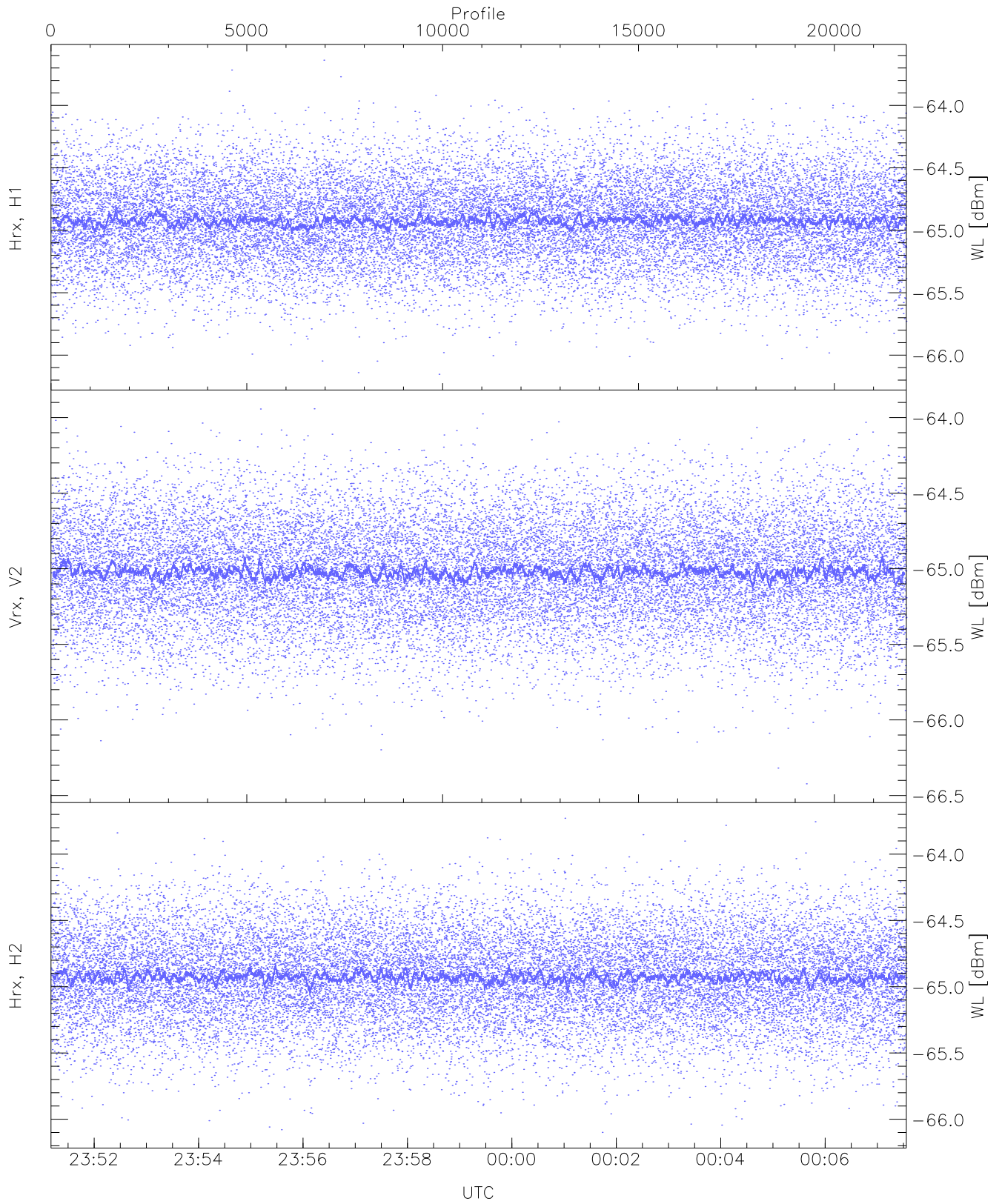
WCR3 CPP Receivers Gain and Noise Figure

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



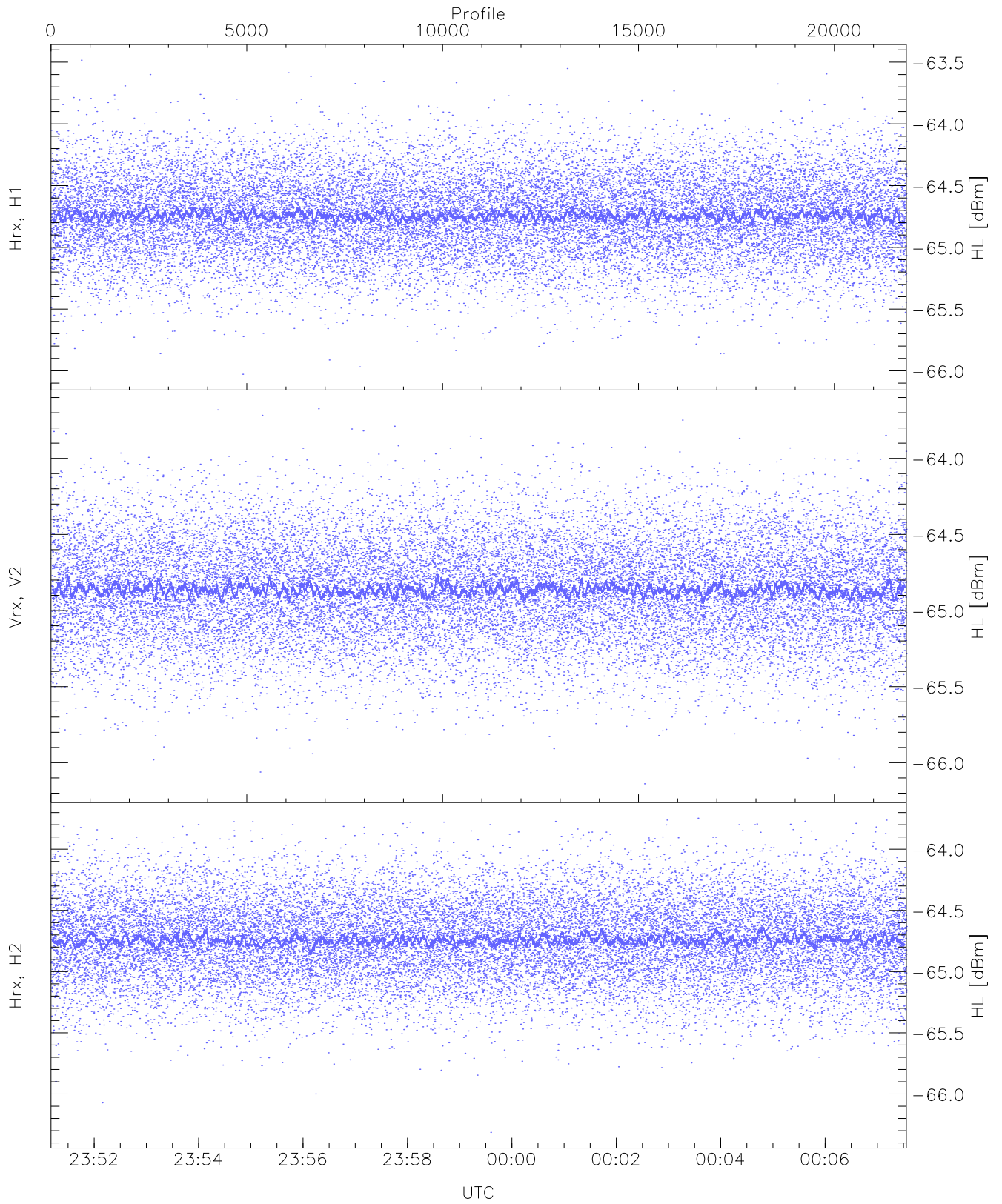
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.48	-65.23	-65.36	-65.36	-86.74
RMPHrxH1 (std_dBm)	-76.15	-74.71	-75.38	-75.38	-89.19
RMPVrxV2 (mean_dBm)	-65.21	-64.96	-65.08	-65.08	-86.49
RMPVrxV2 (std_dBm)	-75.86	-74.34	-75.10	-75.10	-88.89
RMPHrxH2 (mean_dBm)	-65.08	-64.82	-64.95	-64.95	-86.38
RMPHrxH2 (std_dBm)	-75.76	-74.24	-74.97	-74.97	-88.71



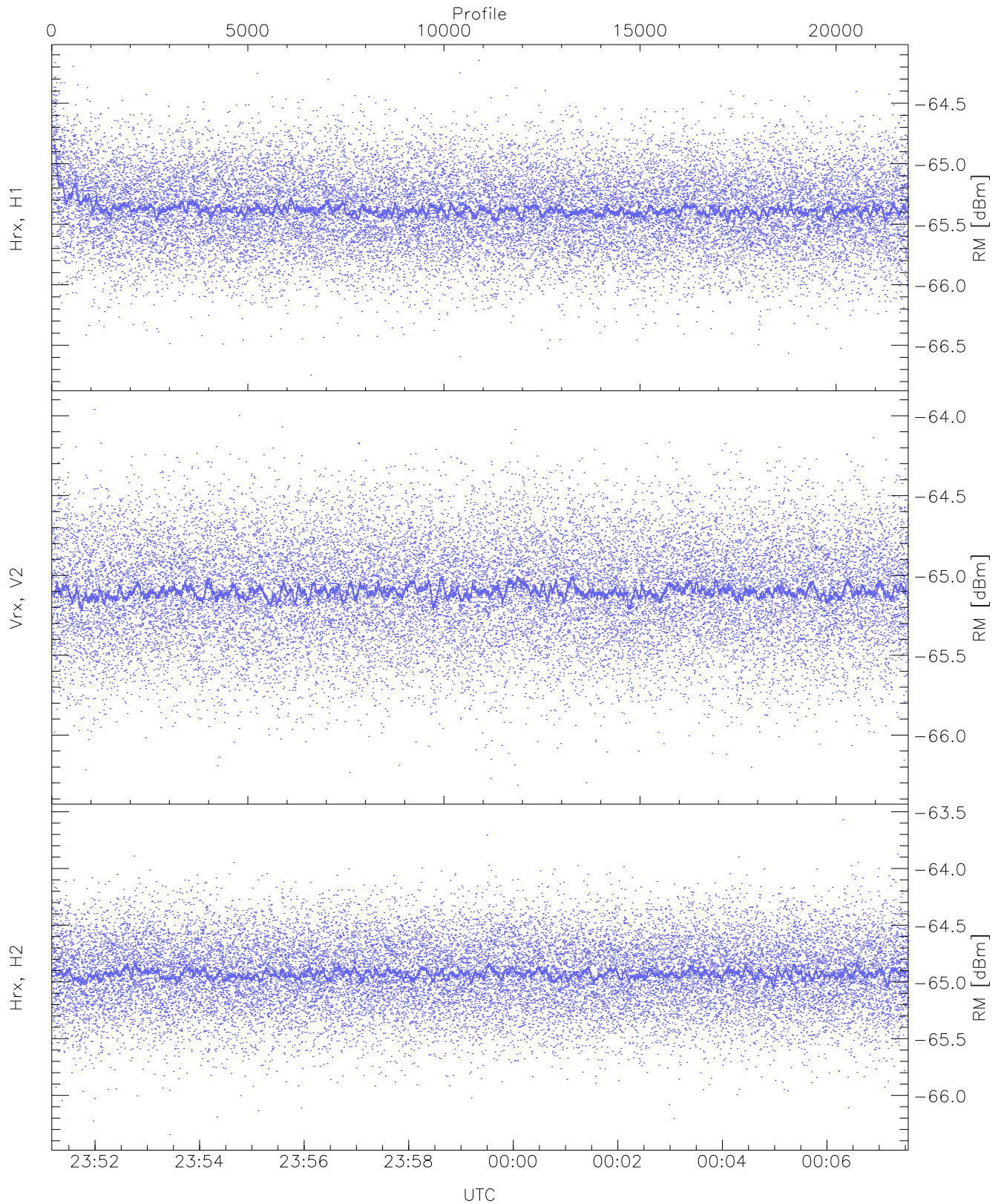
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.15	-63.64	-64.92	-64.92	-76.43
Vrx, V2 (WL [dBm])	-66.42	-63.94	-65.01	-65.02	-76.52
Hrx, H2 (WL [dBm])	-66.10	-63.73	-64.92	-64.93	-76.45



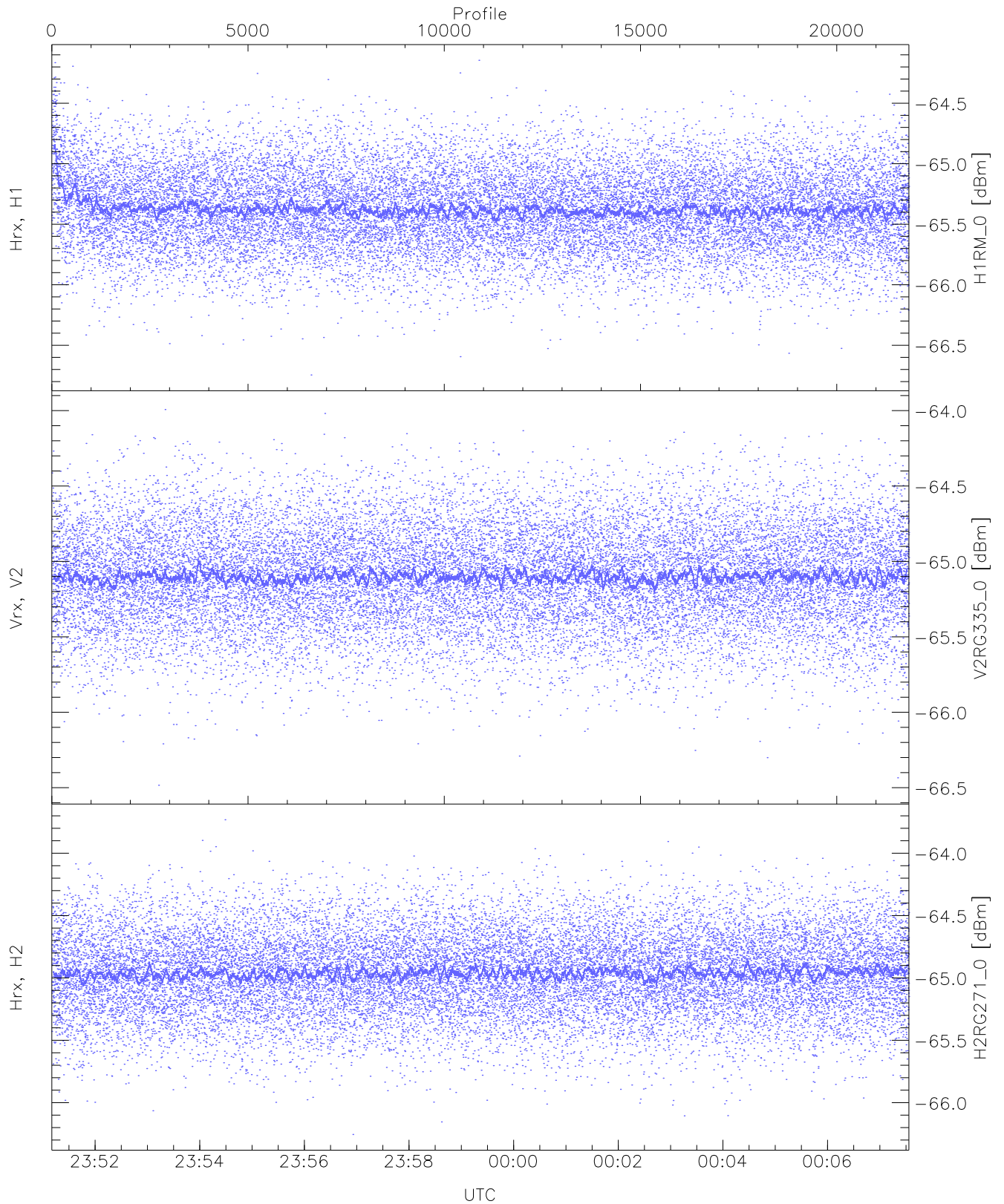
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.03	-63.48	-64.74	-64.74	-76.28
Vrx, V2 (HL [dBm])	-66.14	-63.67	-64.86	-64.86	-76.41
Hrx, H2 (HL [dBm])	-66.31	-63.75	-64.73	-64.74	-76.24



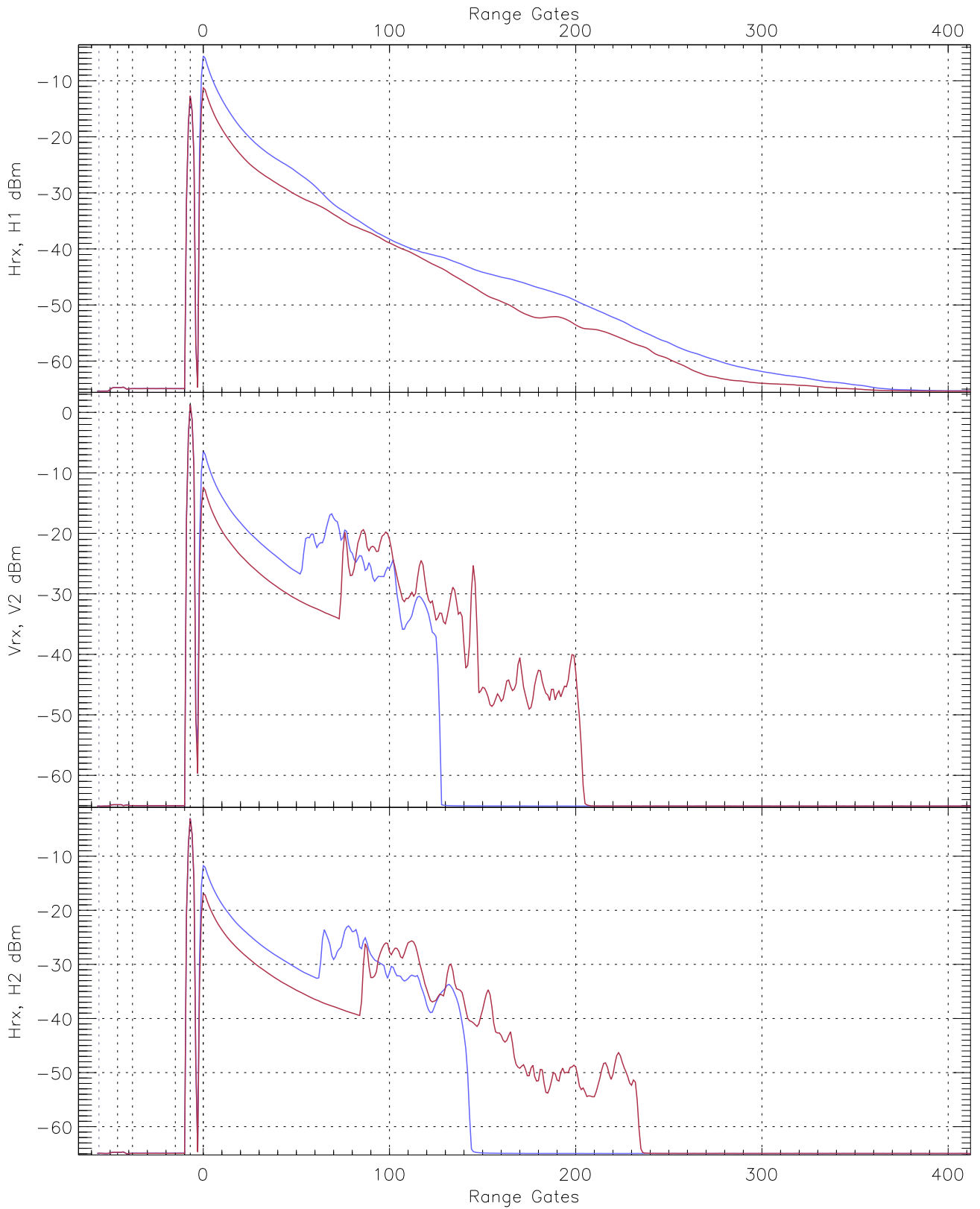
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.75	-64.15	-65.37	-65.38	-76.79
Vrx, V2 (RM [dBm])	-66.31	-63.96	-65.09	-65.10	-76.63
Hrx, H2 (RM [dBm])	-66.34	-63.57	-64.92	-64.93	-76.44

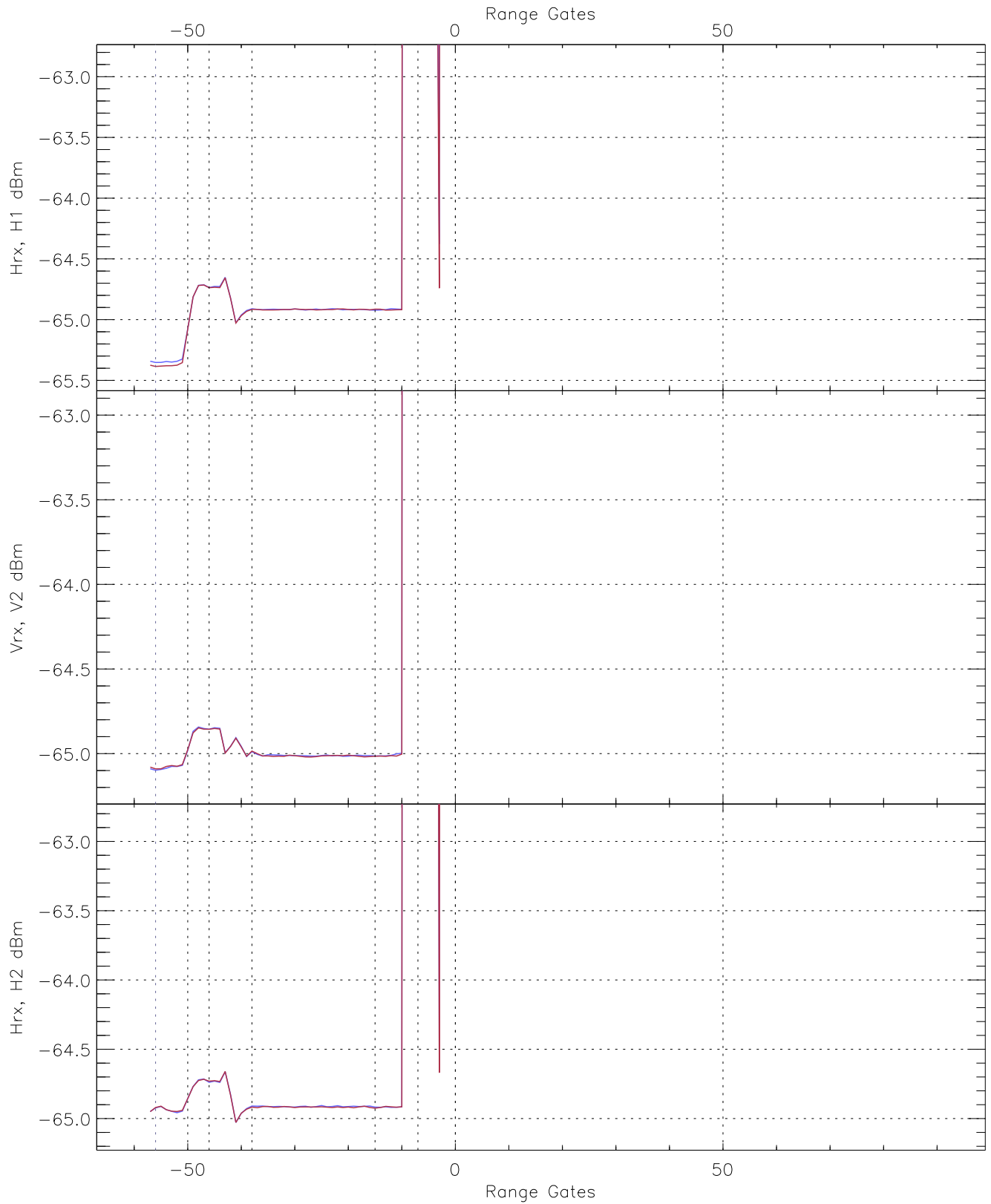


WCR3 CPP "Best" estimate Receivers Noise Power

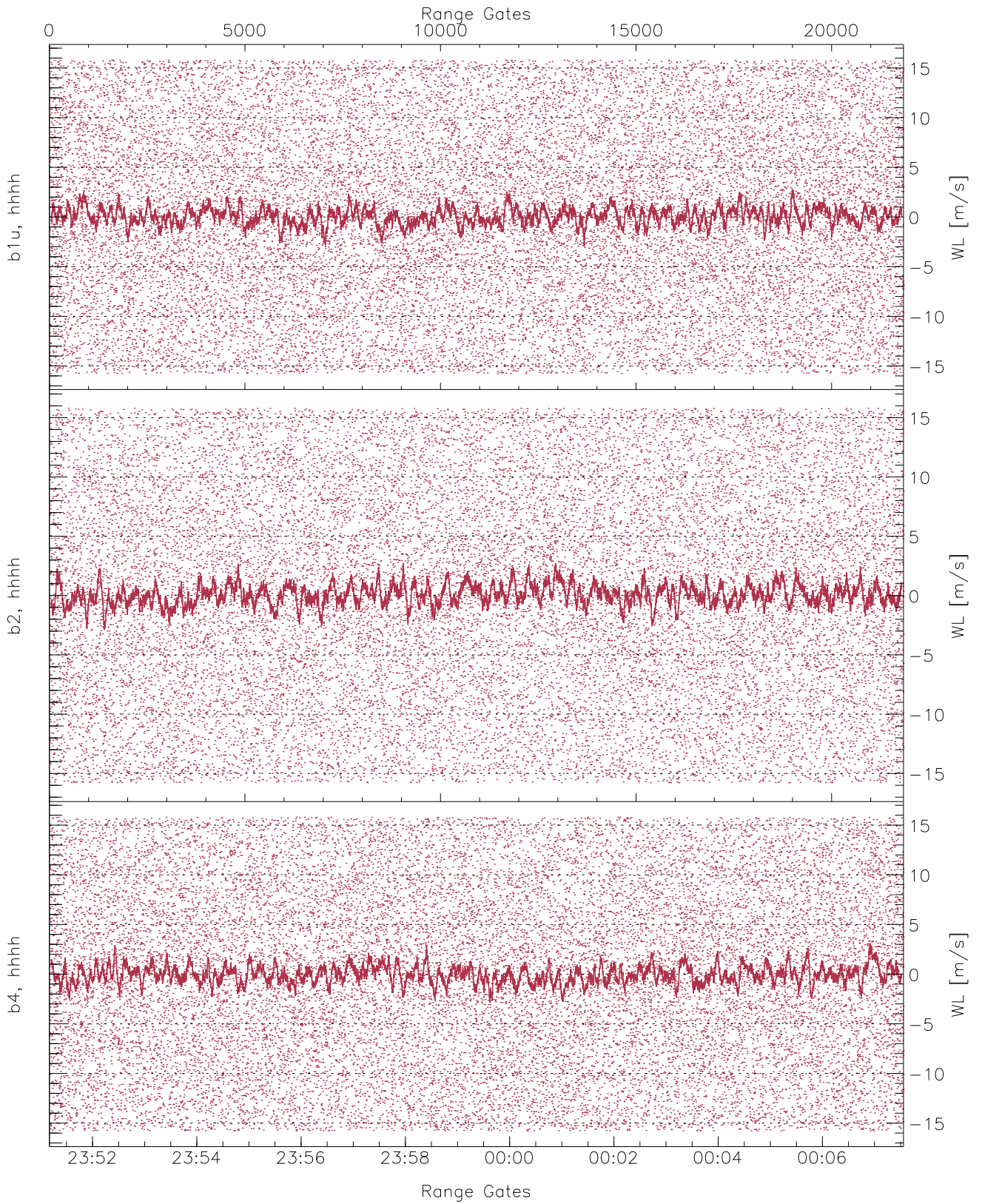
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.75	-64.15	-65.37	-65.38	-76.79
V2RG335_0 [dBm]	-66.48	-63.99	-65.09	-65.10	-76.61
H2RG271_0 [dBm]	-66.26	-63.73	-64.96	-64.96	-76.47



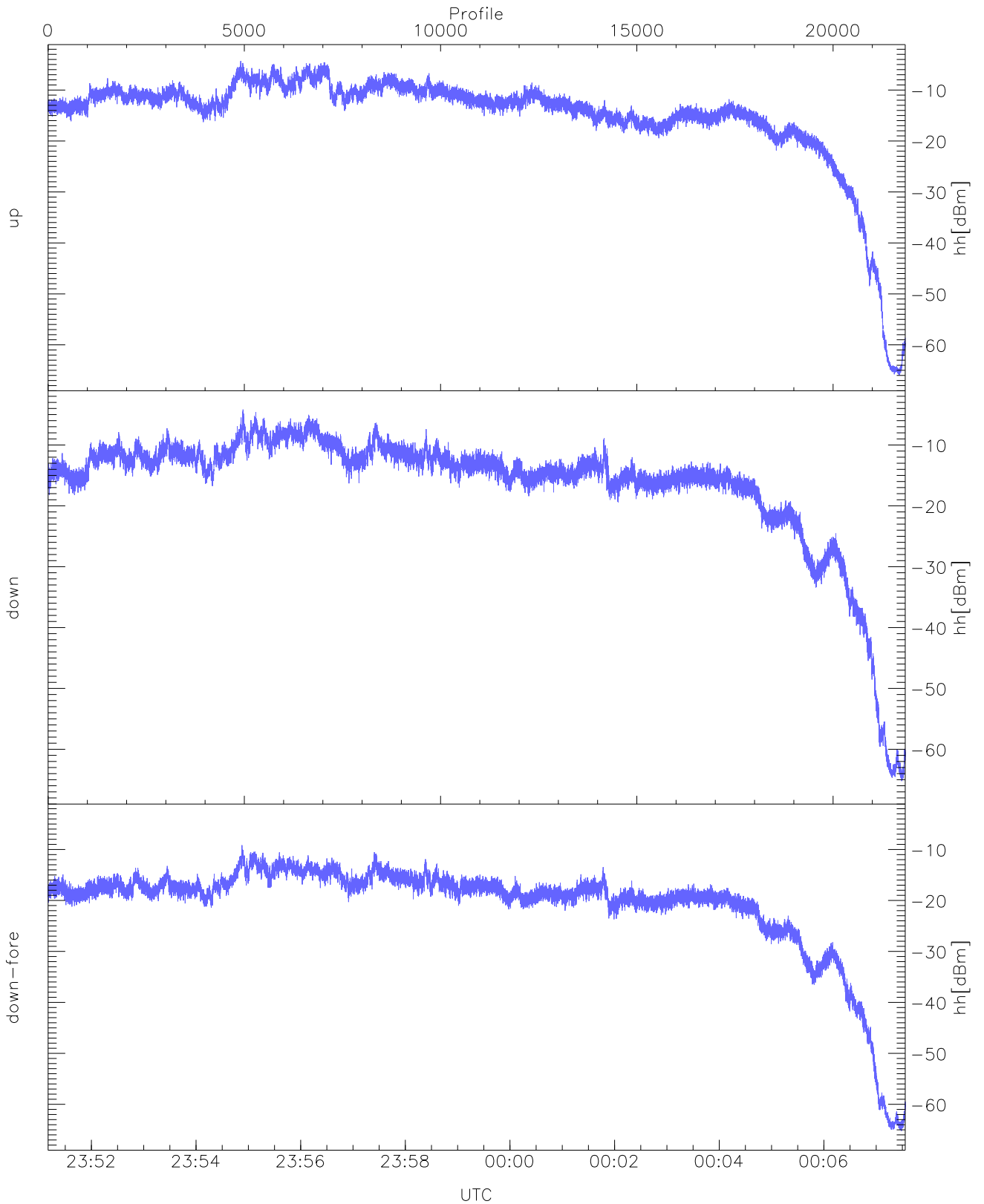
WCR3 CPP Averaged Received power for all recorded gates
blue: 235110-235922, 10921 profiles averaged
red: 235922-000733, 10920 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 235110-235922, 10921 profiles averaged
red: 235922-000733, 10920 profiles averaged

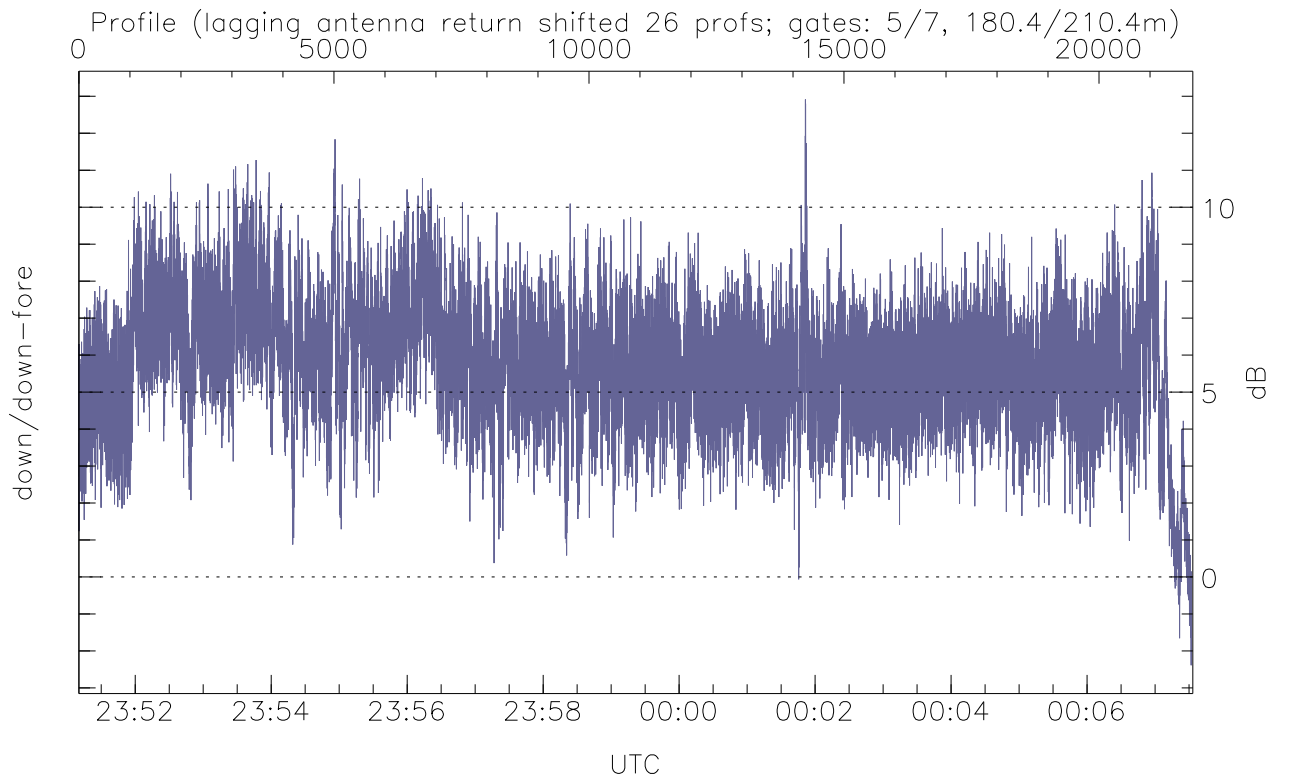
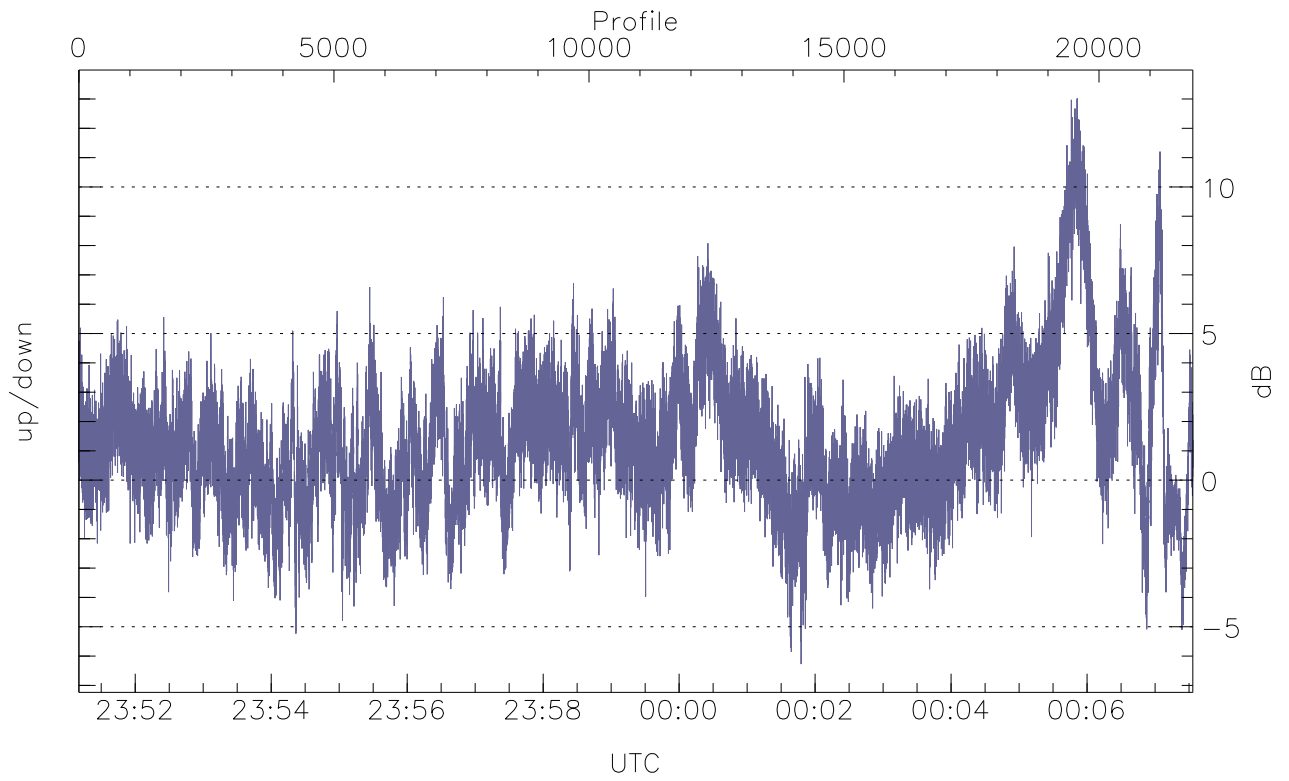


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



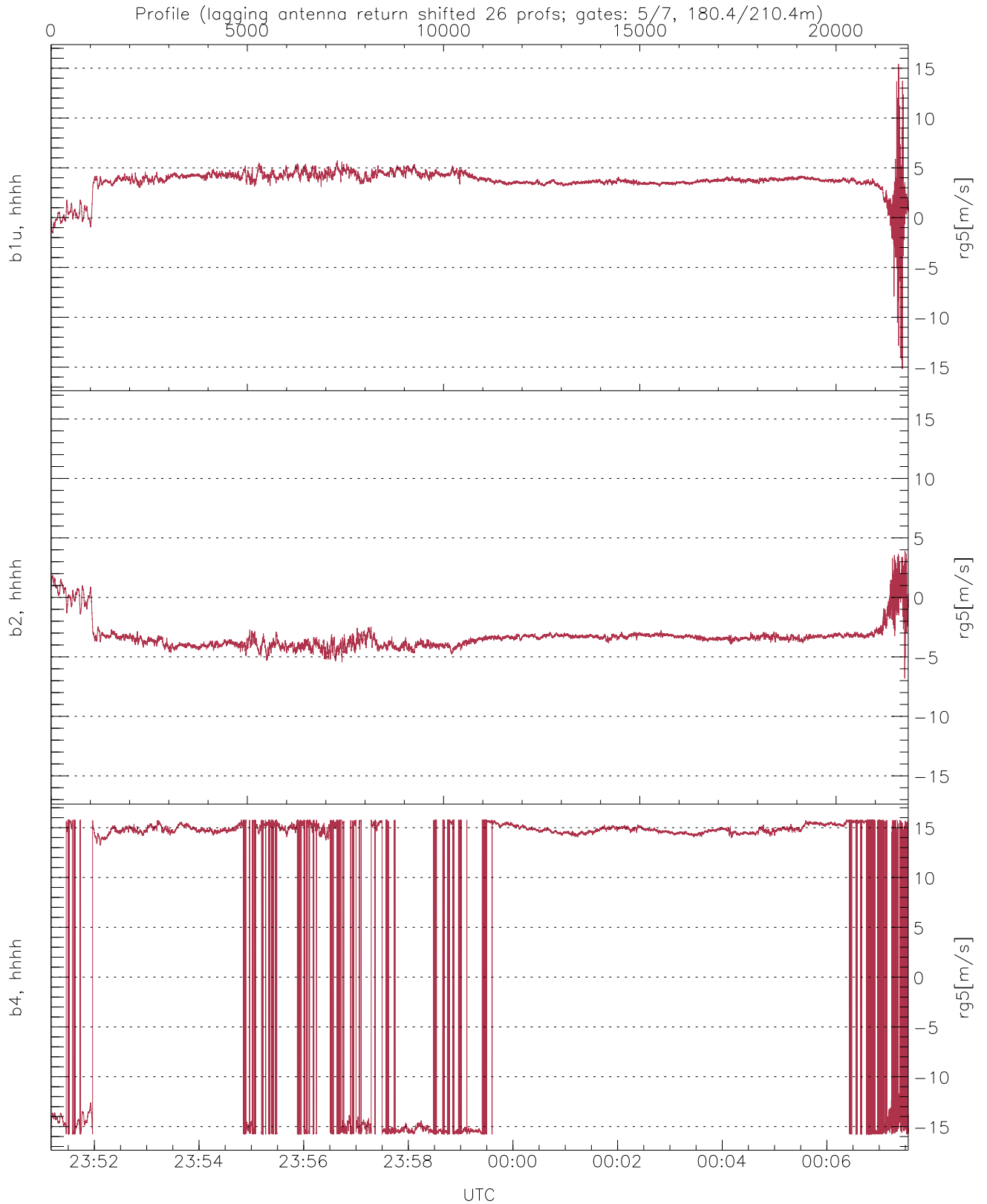
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.91	-4.30	-11.78
down(hh[dBm])	-65.23	-4.17	-12.74
down-fore(hh[dBm])	-65.23	-9.16	-17.48



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

	Min	Max	Mean
up/down (dB)	-6.27	13.02	1.38
down/down-fore (dB)	-2.39	12.91	5.76



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.19	15.44	3.65	1.19
b2, hhhh(rg5[m/s])	-6.81	3.88	-3.30	1.13
b4, hhhh(rg5[m/s])	-15.79	15.79	7.60	12.89