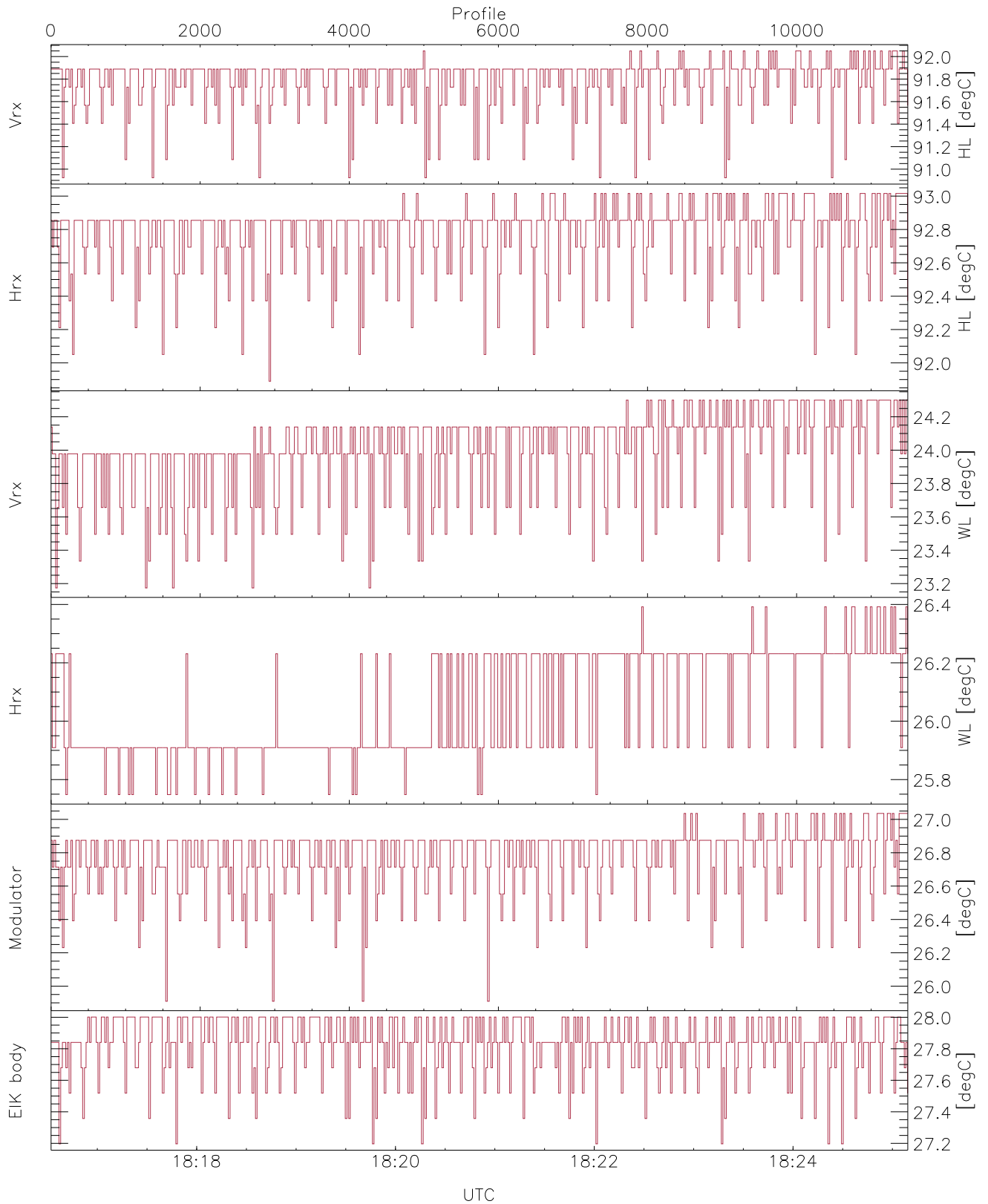


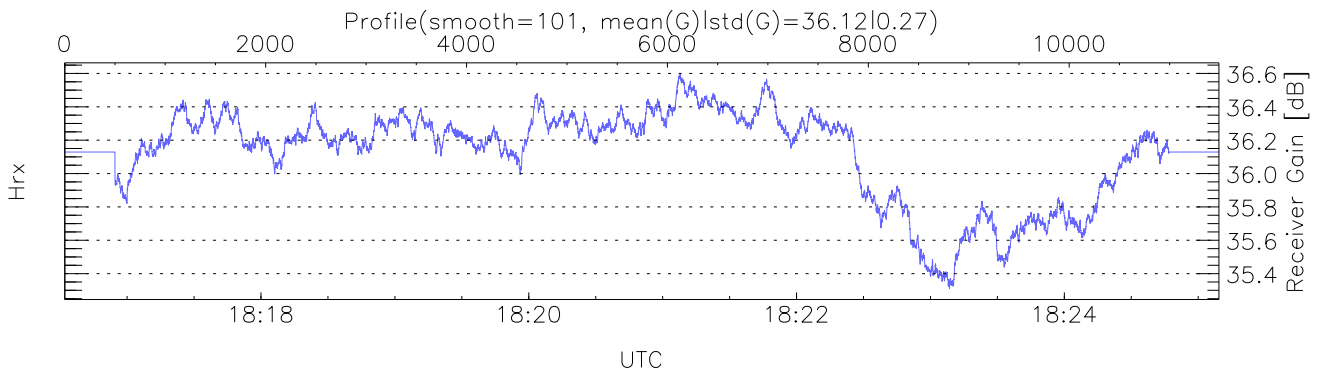
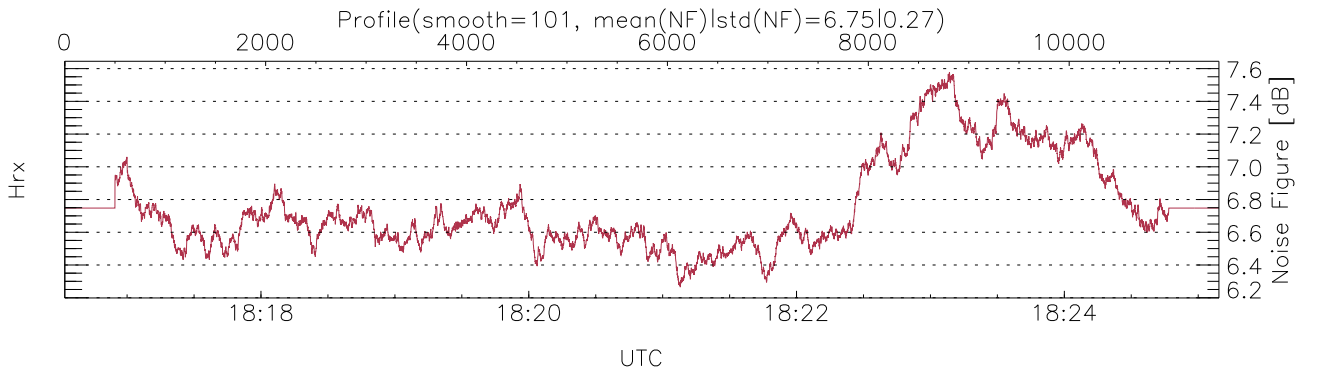
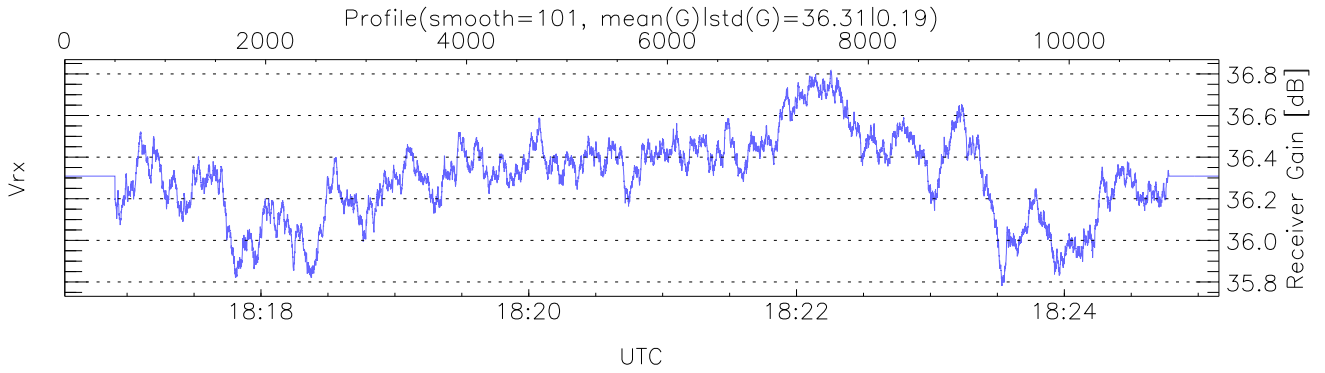
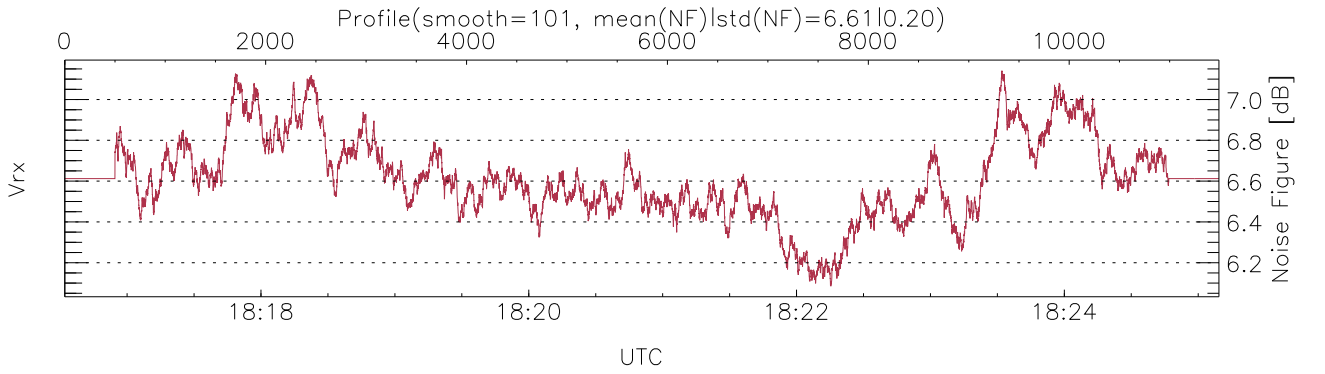
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:16:32-18:25:09, TimeCor: 0.00s, Dur: 517.22s
 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): 11492/11492, 0-11491/18:16:32-18:25:09
 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 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



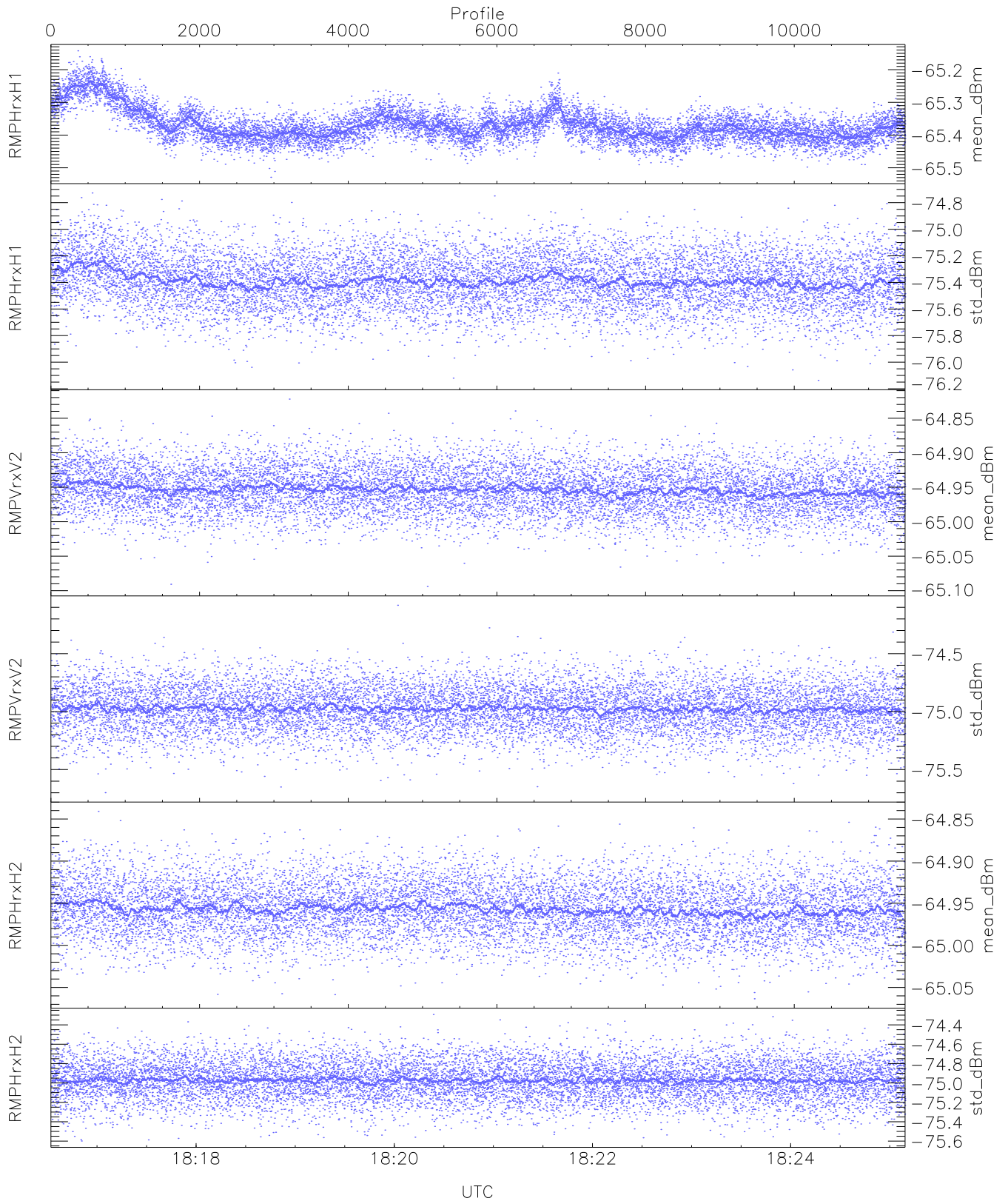
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,23,25,25,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,28`
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`
`EIK Faults(# prof affected):`
`BodyCurr,DeckF,OverDuty (45,45,23)`



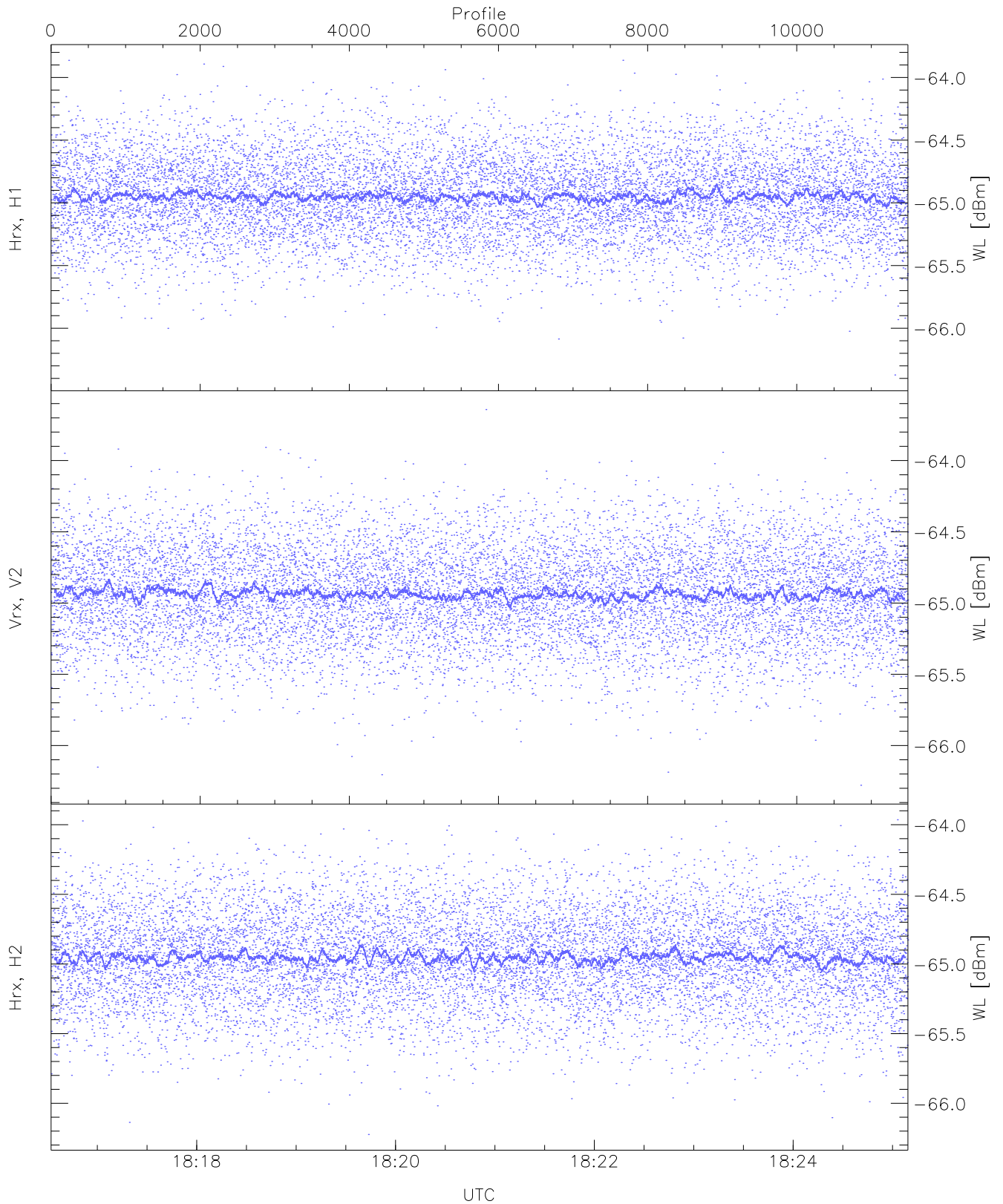
WCR3 CPP Receivers Gain and Noise Figure

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



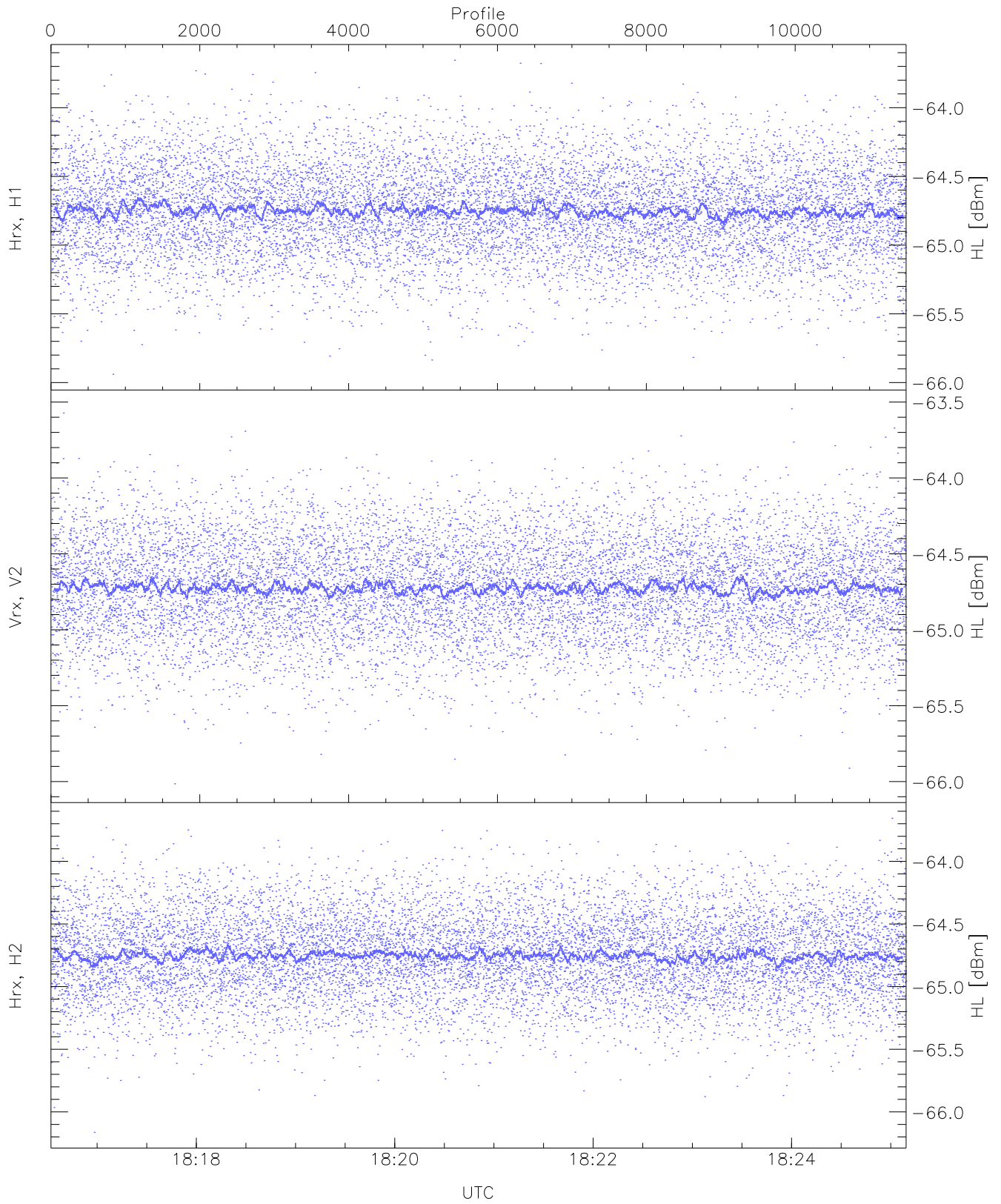
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.53	-65.14	-65.37	-65.38	-84.76
RMPHrxH1 (std_dBm)	-76.14	-74.73	-75.39	-75.39	-89.05
RMPVrxV2 (mean_dBm)	-65.09	-64.82	-64.95	-64.95	-86.49
RMPVrxV2 (std_dBm)	-75.70	-74.08	-74.97	-74.98	-88.74
RMPHrxH2 (mean_dBm)	-65.06	-64.84	-64.96	-64.96	-86.59
RMPHrxH2 (std_dBm)	-75.60	-74.29	-74.97	-74.97	-88.74



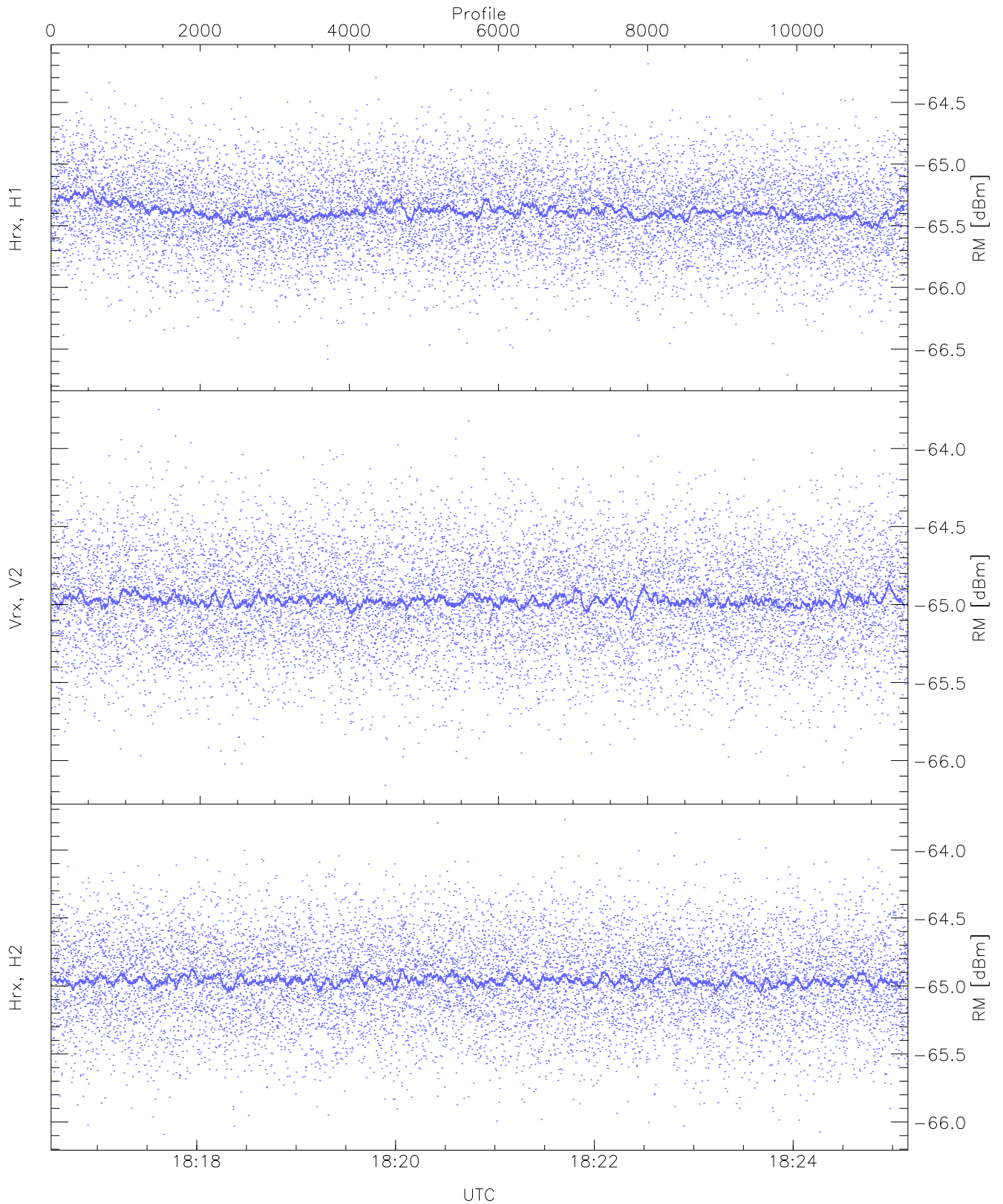
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.37	-63.86	-64.94	-64.95	-76.47
Vrx, V2 (WL [dBm])	-66.28	-63.64	-64.93	-64.94	-76.44
Hrx, H2 (WL [dBm])	-66.22	-63.96	-64.95	-64.95	-76.44



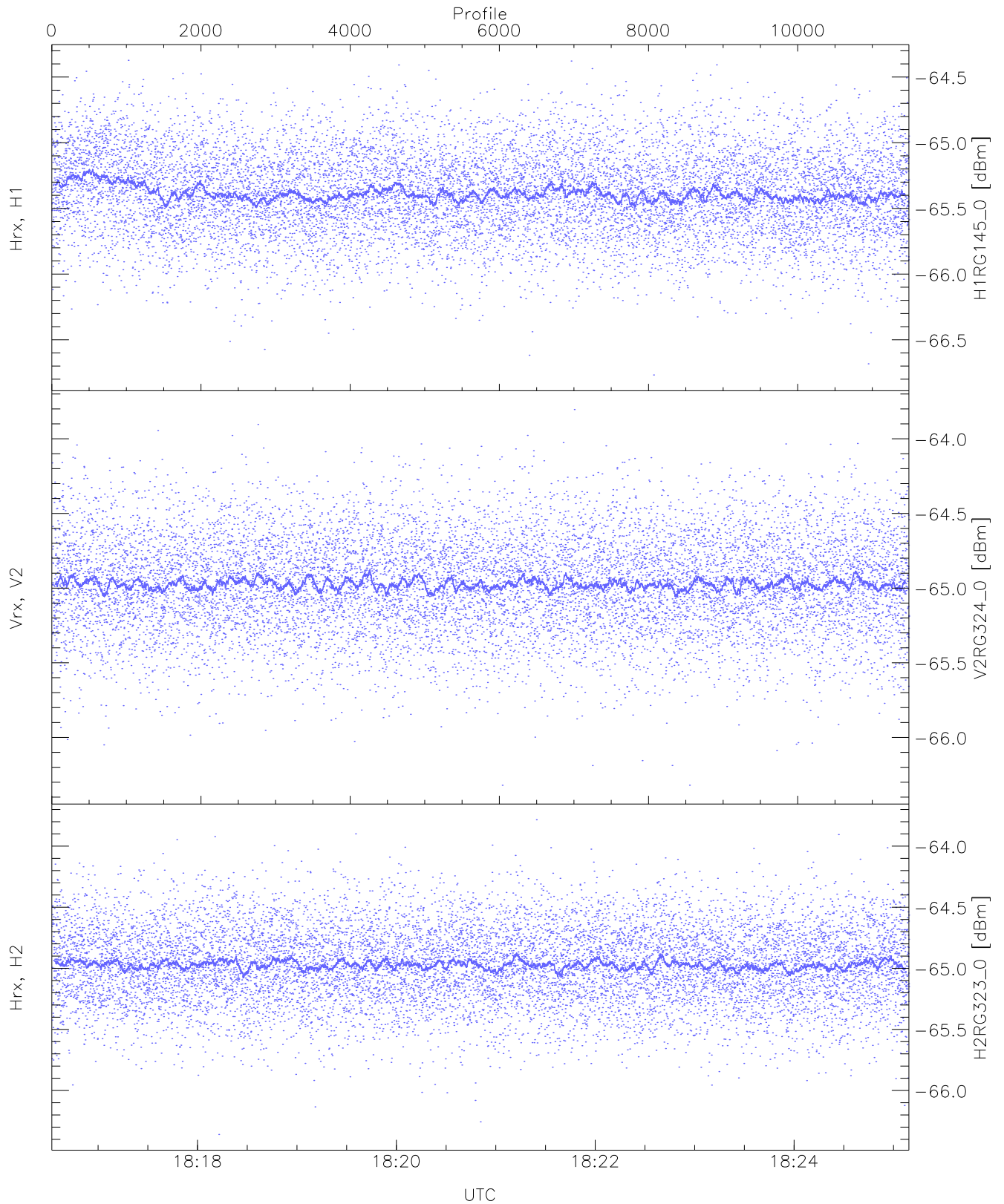
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.94	-63.65	-64.74	-64.75	-76.26
Vrx, V2 (HL [dBm])	-66.01	-63.54	-64.72	-64.72	-76.25
Hrx, H2 (HL [dBm])	-66.16	-63.66	-64.74	-64.76	-76.22



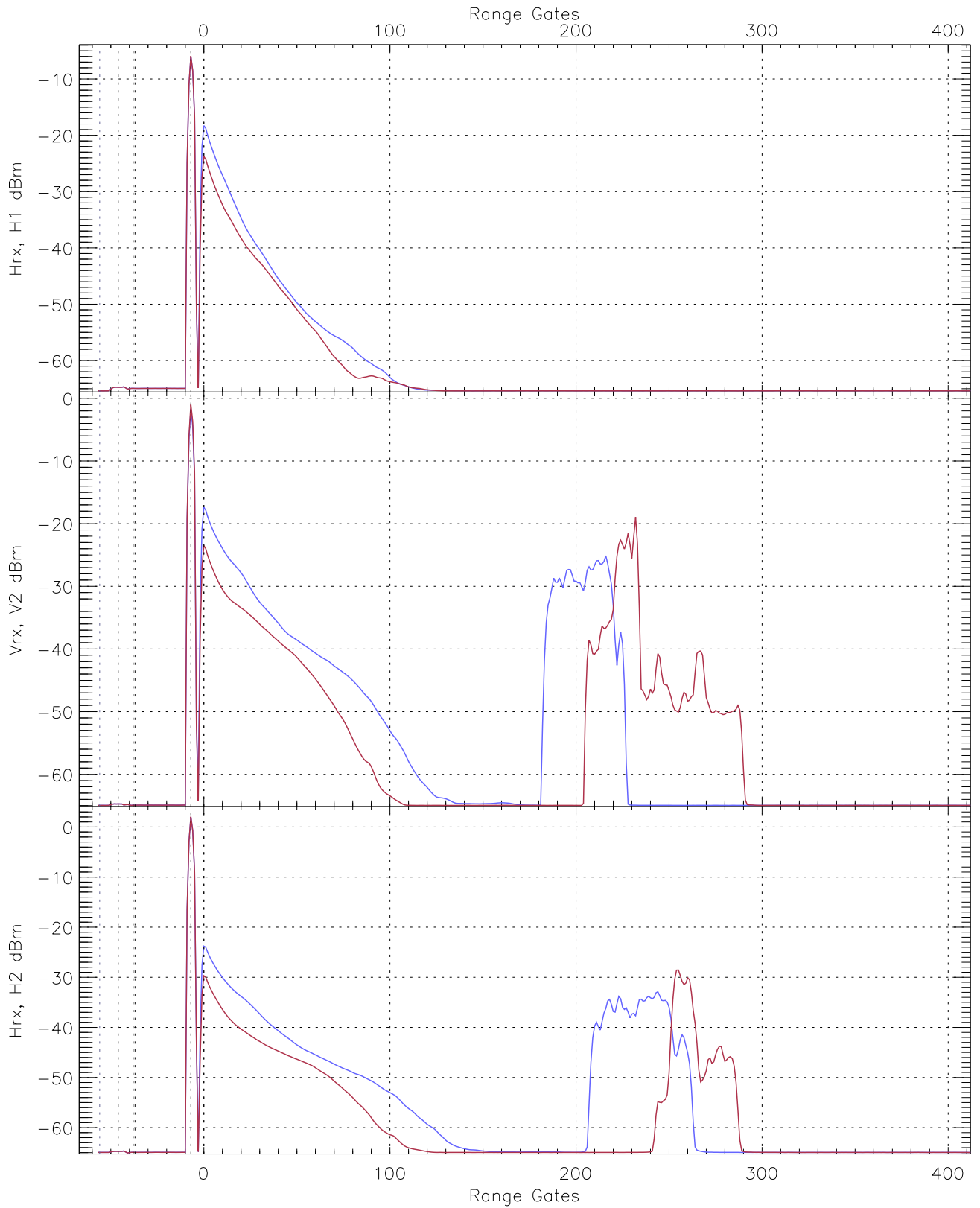
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.16	-65.38	-65.38	-76.85
Vrx, V2 (RM [dBm])	-66.16	-63.75	-64.96	-64.97	-76.46
Hrx, H2 (RM [dBm])	-66.09	-63.78	-64.95	-64.96	-76.44

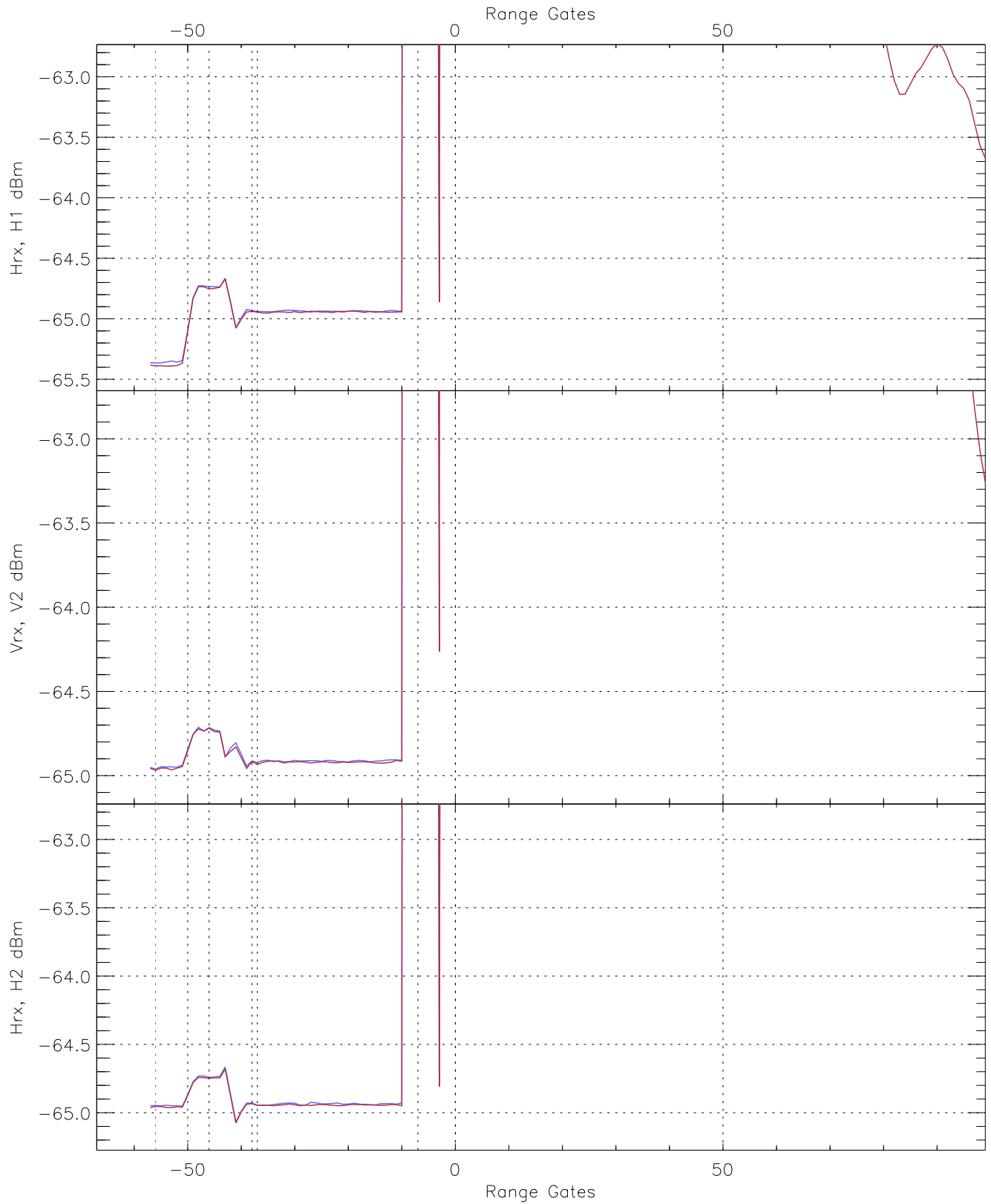


WCR3 CPP "Best" estimate Receivers Noise Power

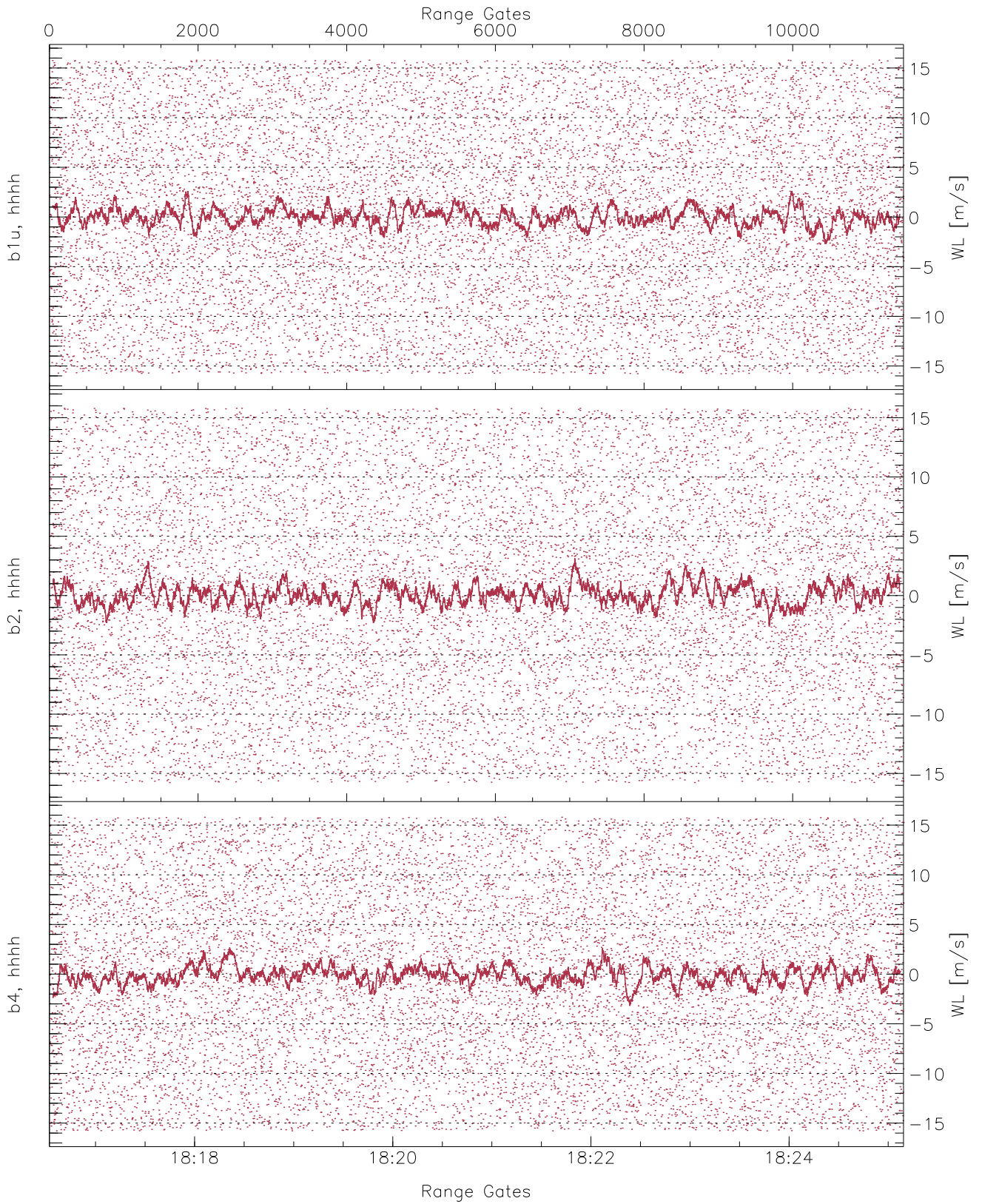
	Min	Max	Mean	Median	StDev
H1RG145_0 [dBm]	-66.77	-64.37	-65.38	-65.39	-76.88
V2RG324_0 [dBm]	-66.32	-63.80	-64.96	-64.97	-76.46
H2RG323_0 [dBm]	-66.36	-63.78	-64.96	-64.97	-76.50



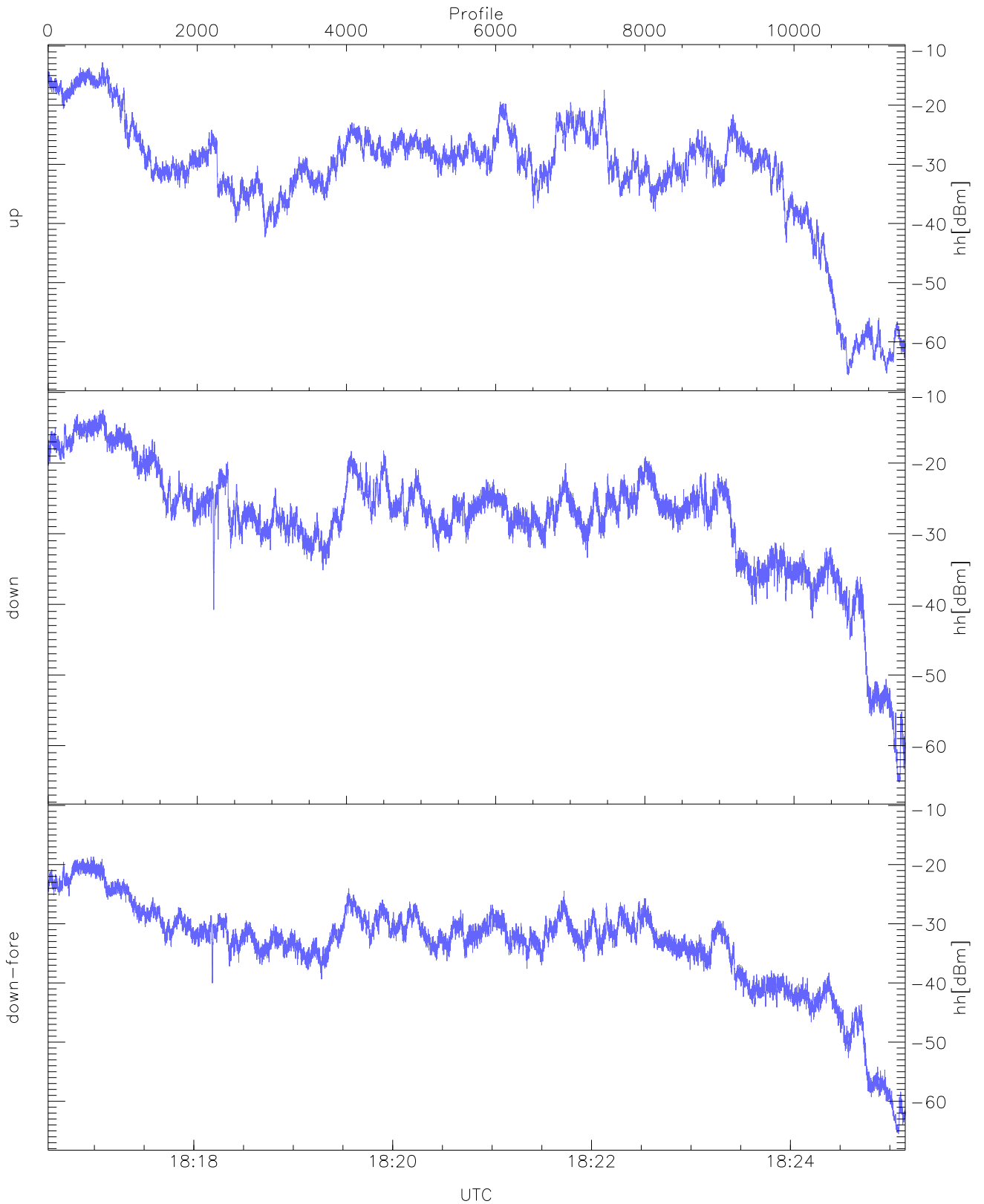
WCR3 CPP Averaged Received power for all recorded gates
blue: 181632-182051, 5747 profiles averaged
red: 182051-182509, 5746 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181632-182051, 5747 profiles averaged
red: 182051-182509, 5746 profiles averaged

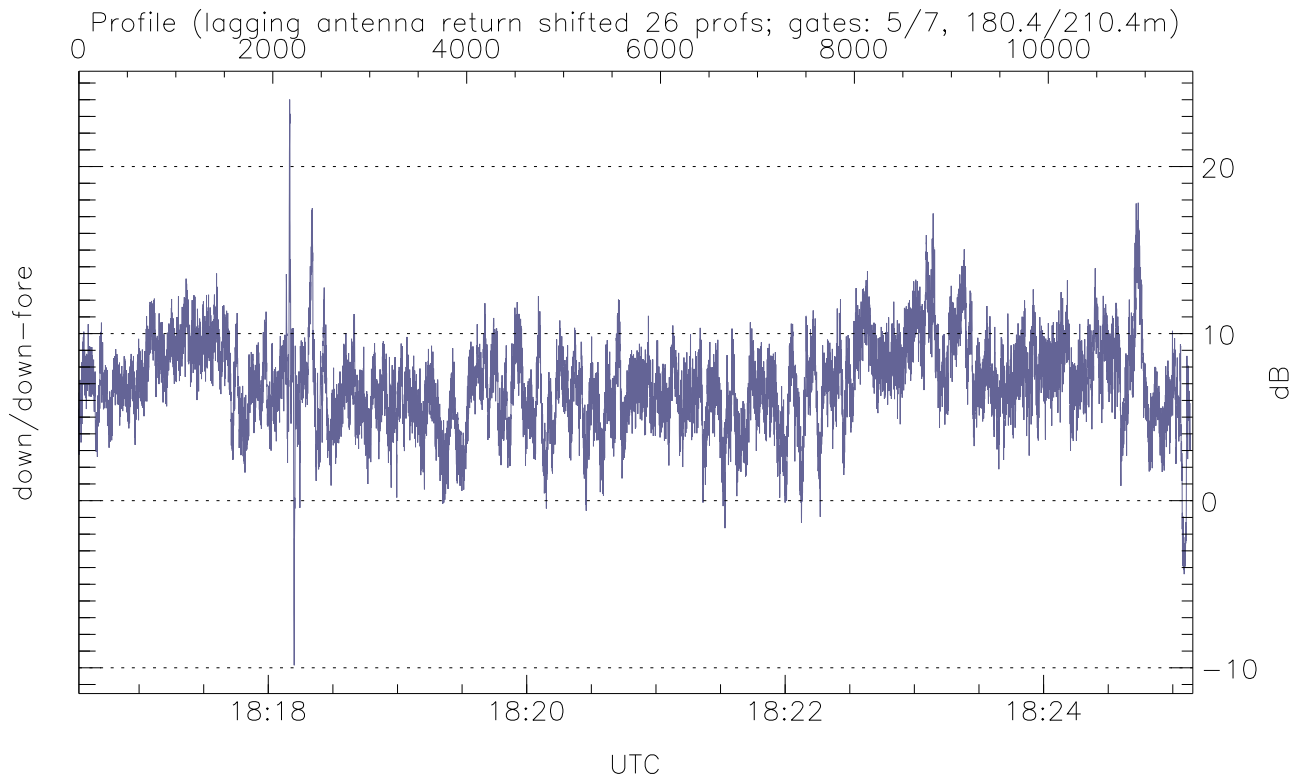
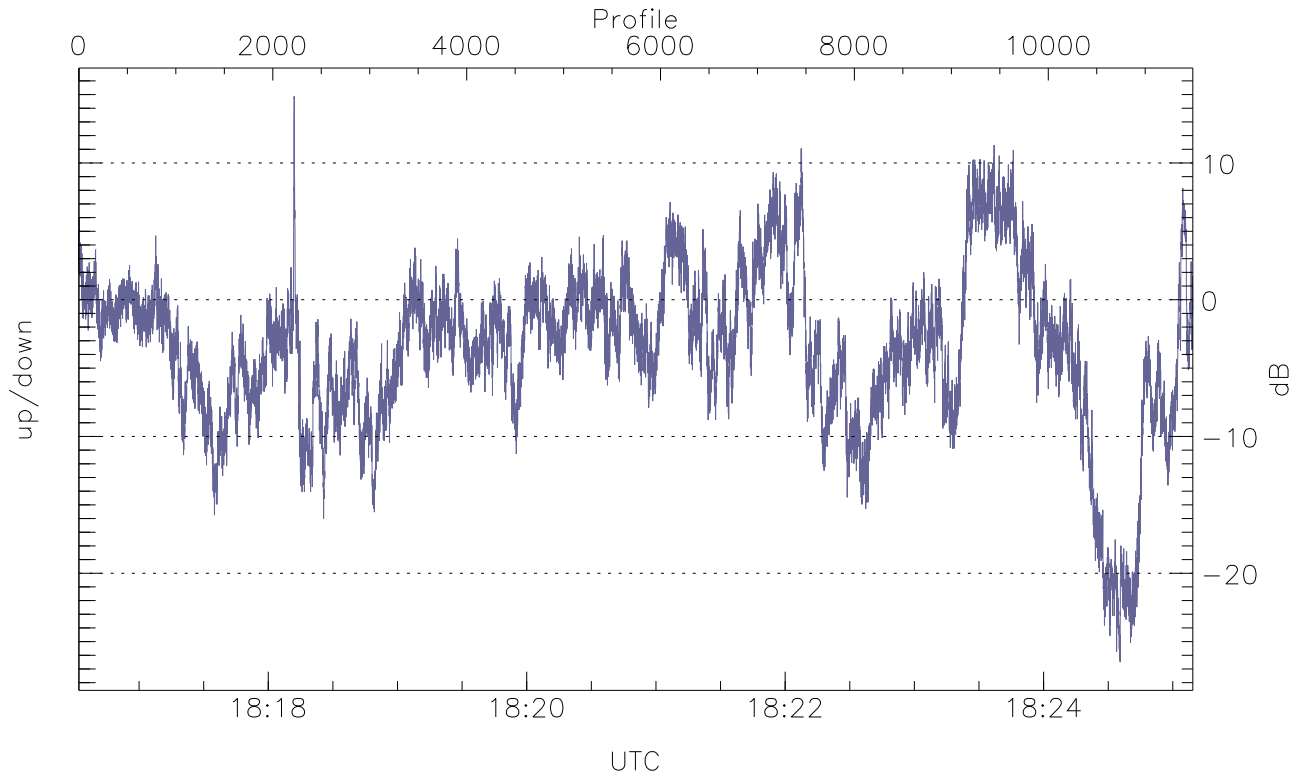


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



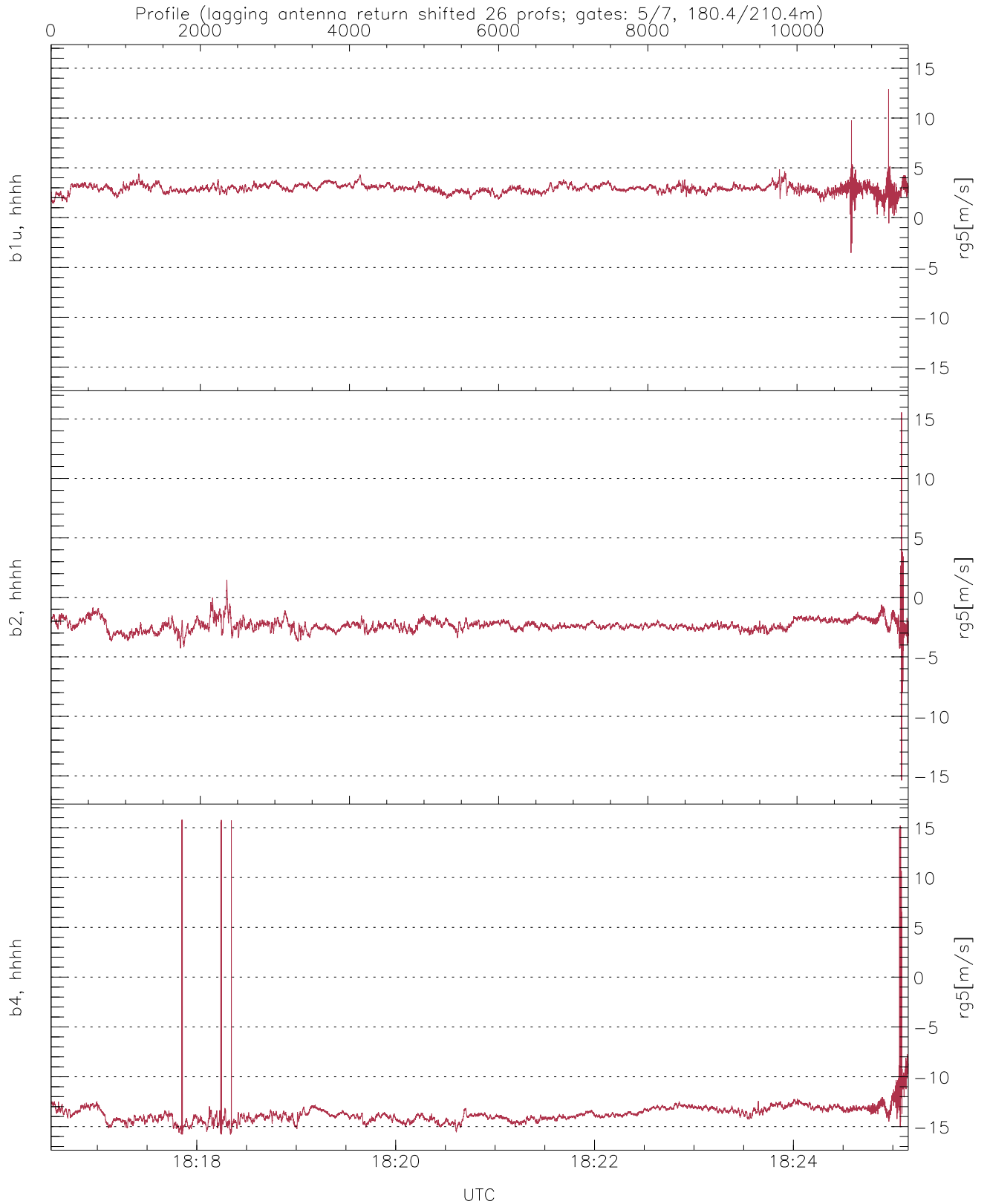
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.61	-12.77	-24.85
down(hh[dBm])	-65.22	-12.42	-23.21
down-fore(hh[dBm])	-65.50	-18.67	-29.26



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

	Min	Max	Mean
up/down (dB)	-26.50	14.87	-3.55
down/down-fore (dB)	-9.85	24.01	6.98



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.53	12.89	2.92	0.46
b2, hhhh(rg5[m/s])	-15.39	15.56	-2.34	0.56
b4, hhhh(rg5[m/s])	-15.79	15.79	-13.68	1.45