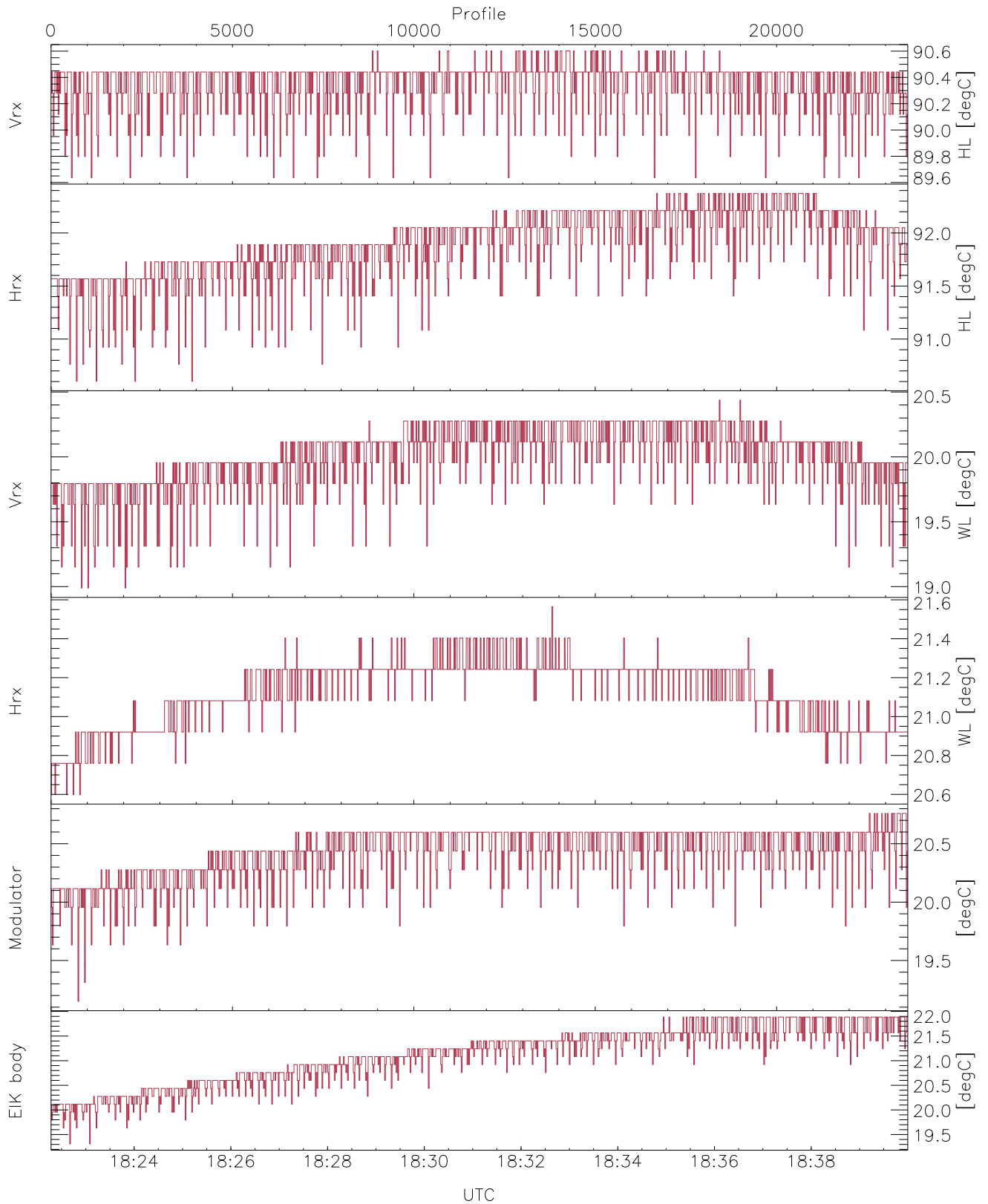


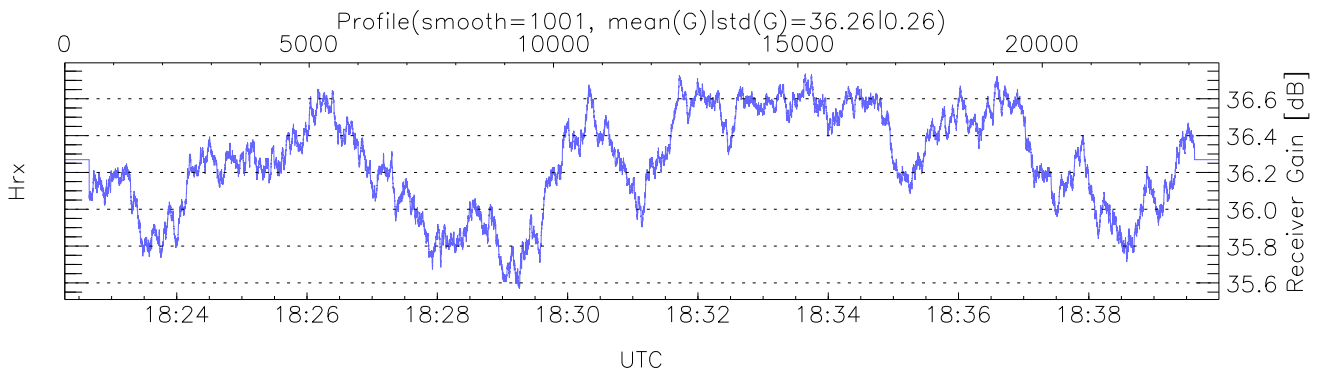
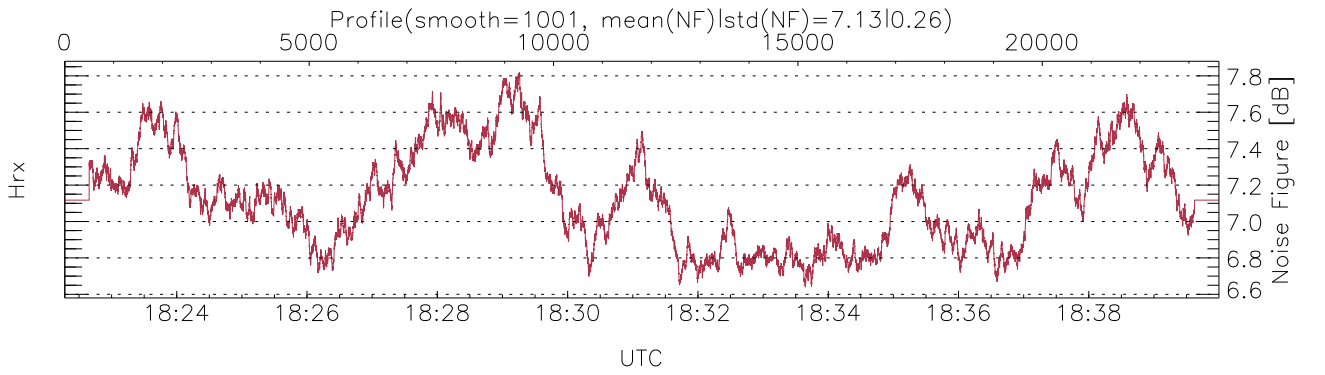
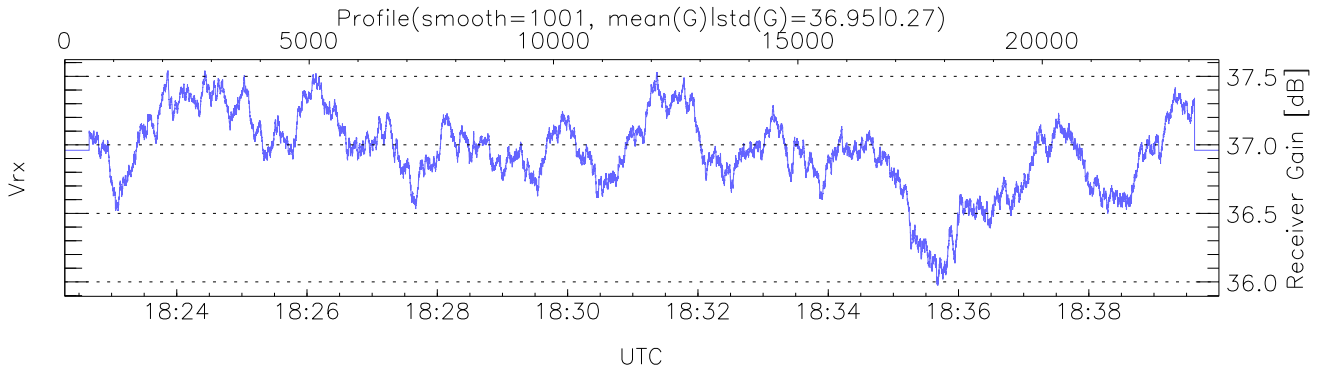
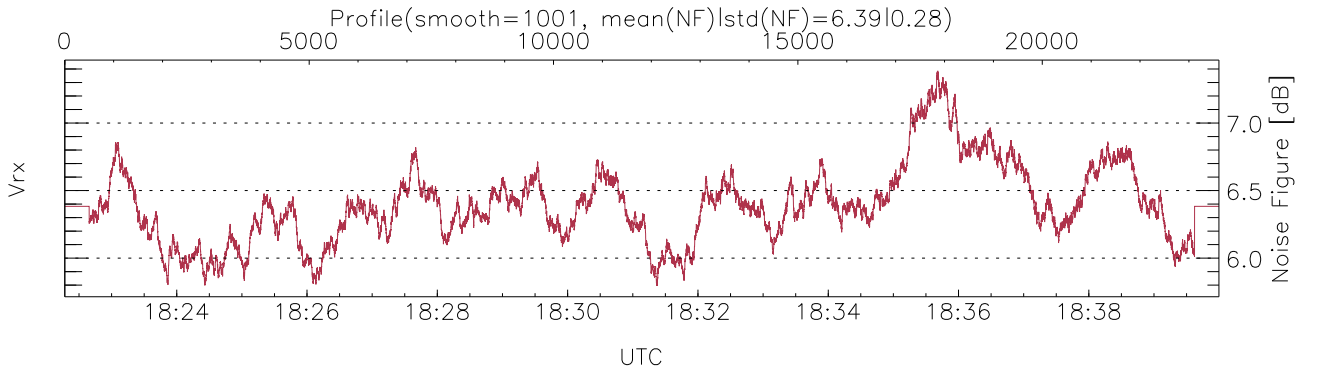
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:22:17-18:40:00, TimeCor: 0.00s, Dur: 1062.94s
 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): 23616/23616, 0-23615/18:22:17-18:40:00
 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



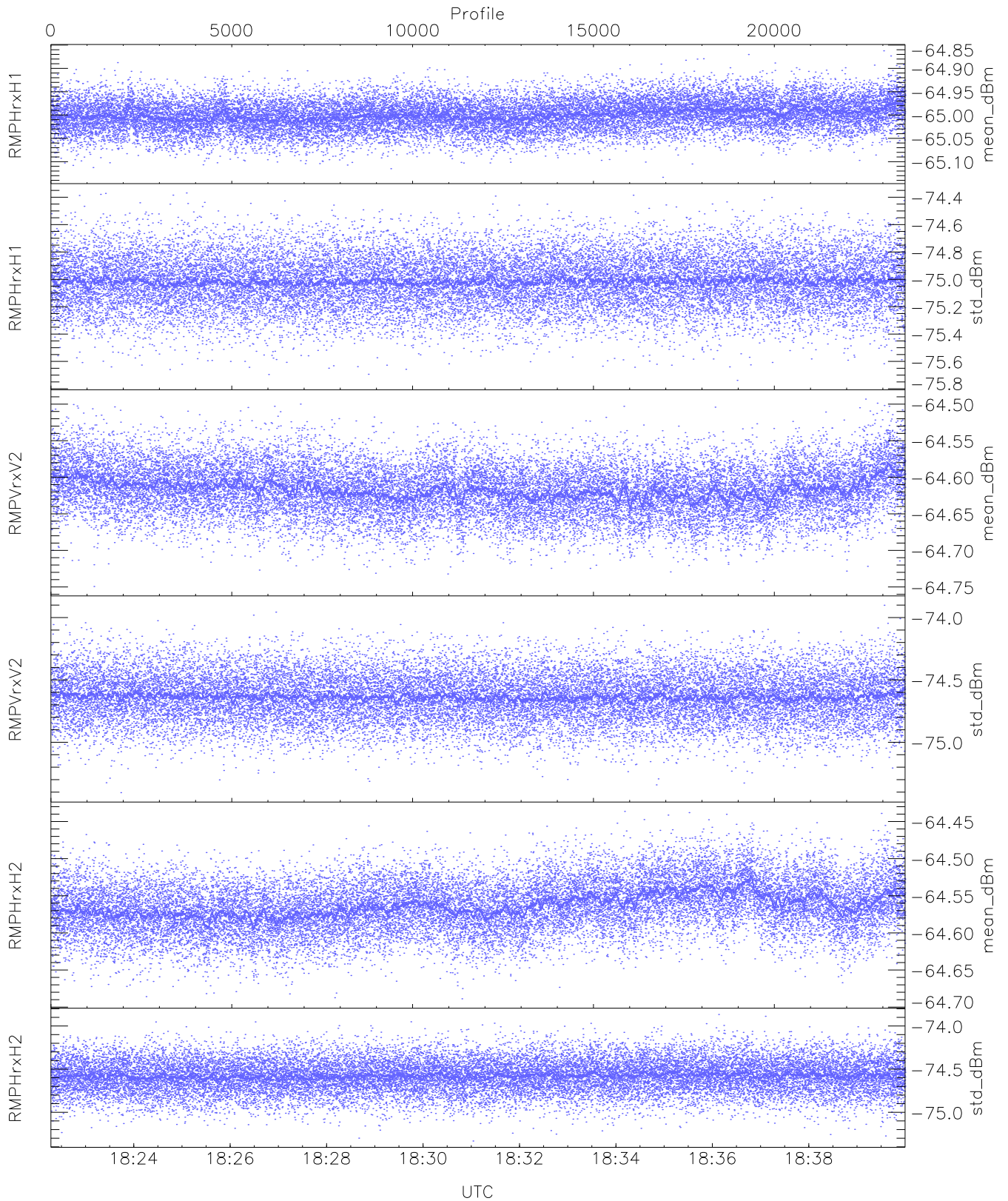
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,18,20,19,19`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,20,21,20,21`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (44,44,44,44,44,44)`



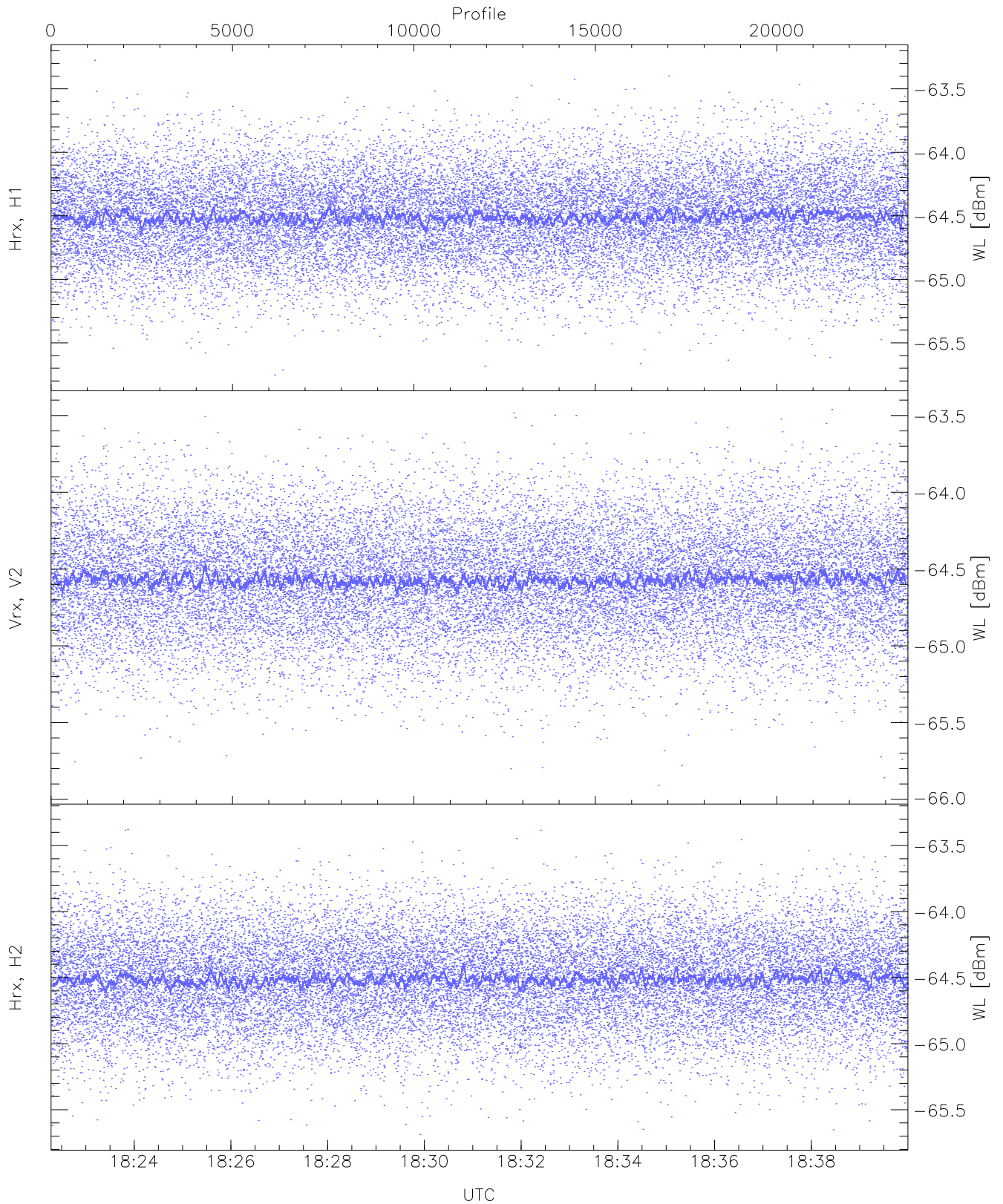
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 11 pixs, 5 gates, 11 profs, 1 prod(s)



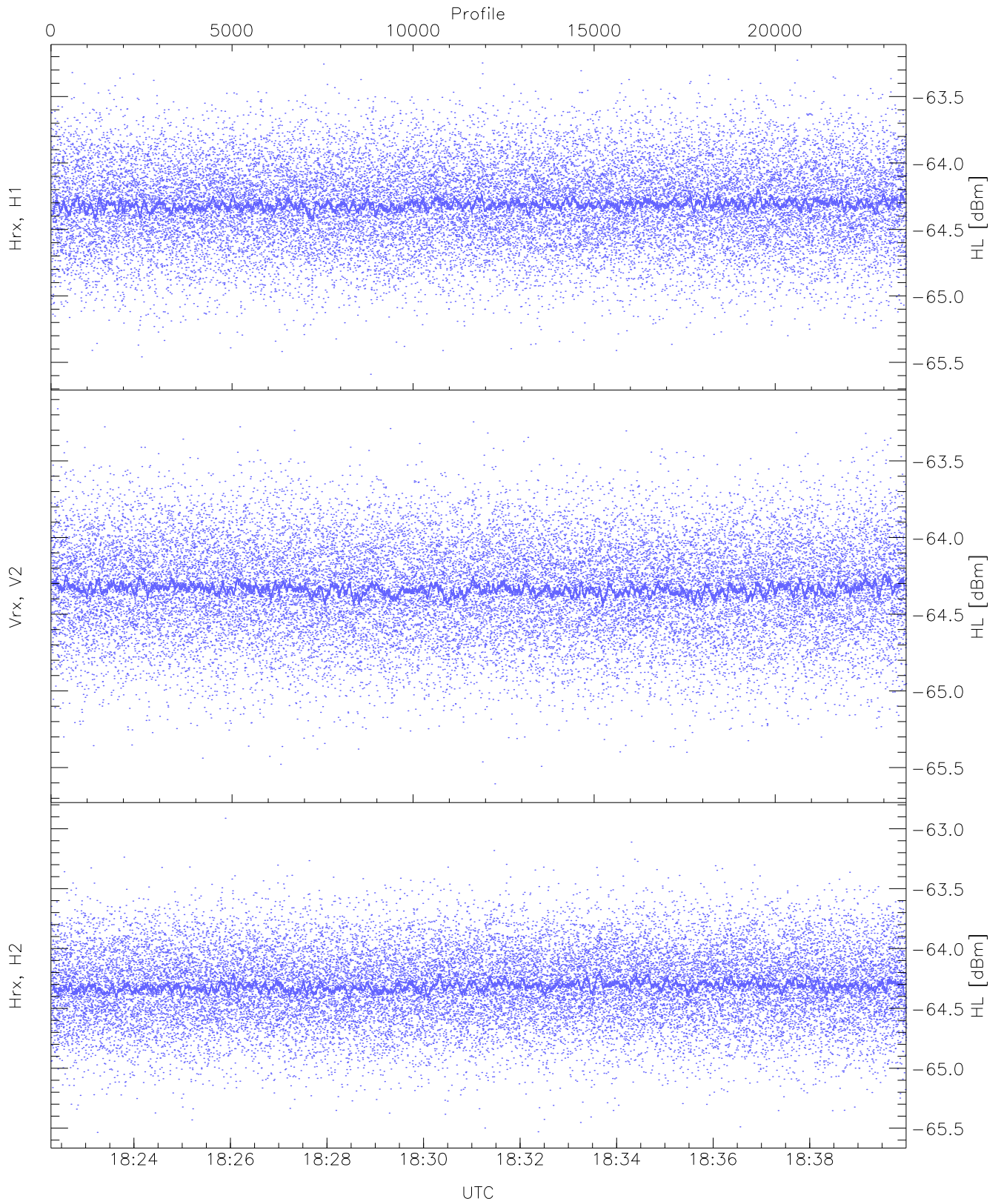
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.13	-64.86	-65.00	-65.00	-86.42
RMPHrxH1 (std_dBm)	-75.74	-74.37	-75.01	-75.02	-88.83
RMPVrxV2 (mean_dBm)	-64.75	-64.49	-64.62	-64.62	-85.82
RMPVrxV2 (std_dBm)	-75.40	-73.90	-74.64	-74.64	-88.38
RMPHrxH2 (mean_dBm)	-64.69	-64.44	-64.56	-64.56	-85.74
RMPHrxH2 (std_dBm)	-75.33	-73.87	-74.58	-74.58	-88.36



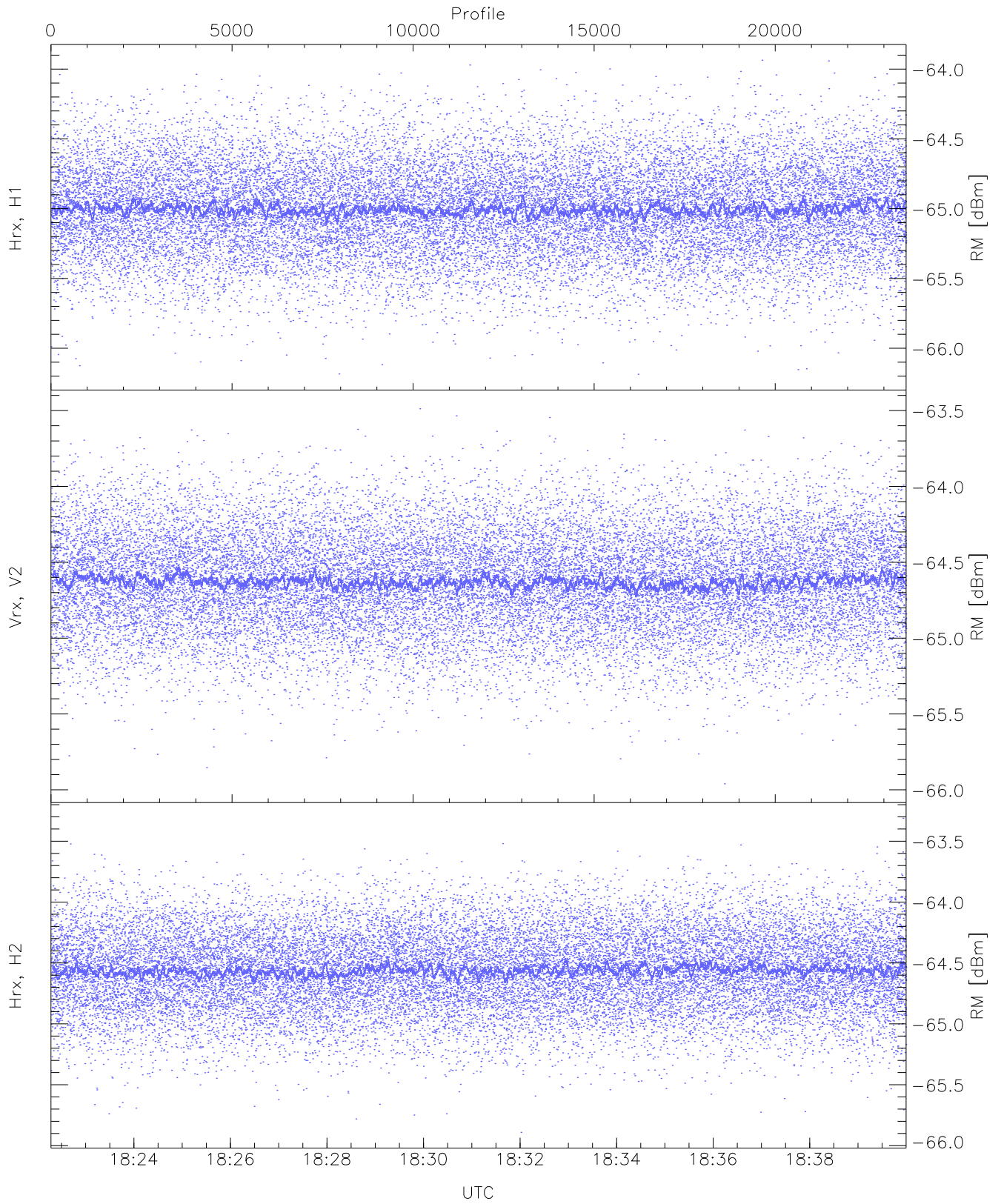
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.75	-63.28	-64.50	-64.51	-75.98
Vrx, V2 (WL [dBm])	-65.91	-63.46	-64.56	-64.57	-76.04
Hrx, H2 (WL [dBm])	-65.69	-63.31	-64.51	-64.51	-76.01



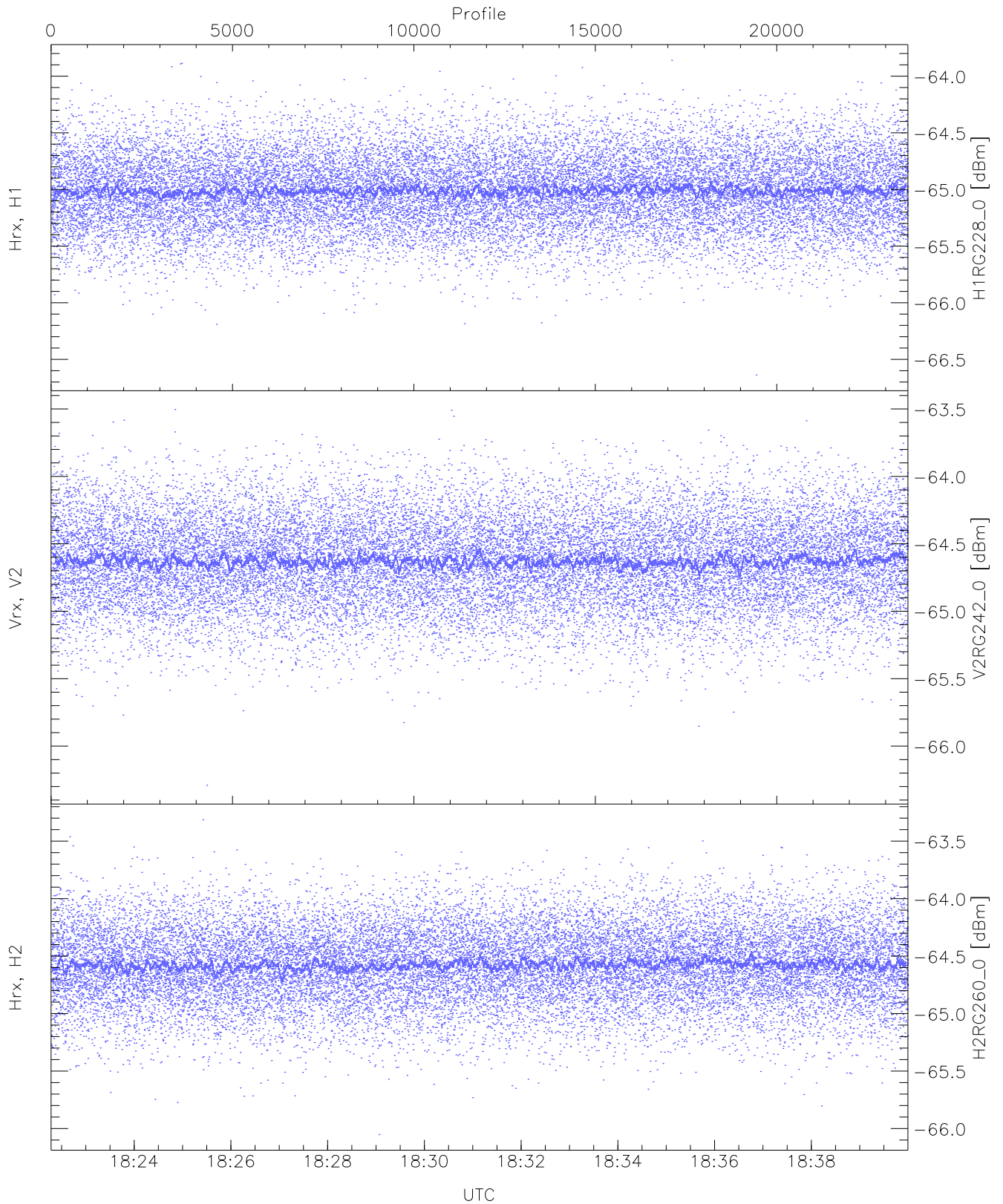
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.59	-63.23	-64.31	-64.31	-75.80
Vrx, V2 (HL [dBm])	-65.61	-63.16	-64.33	-64.33	-75.87
Hrx, H2 (HL [dBm])	-65.54	-62.91	-64.31	-64.32	-75.79



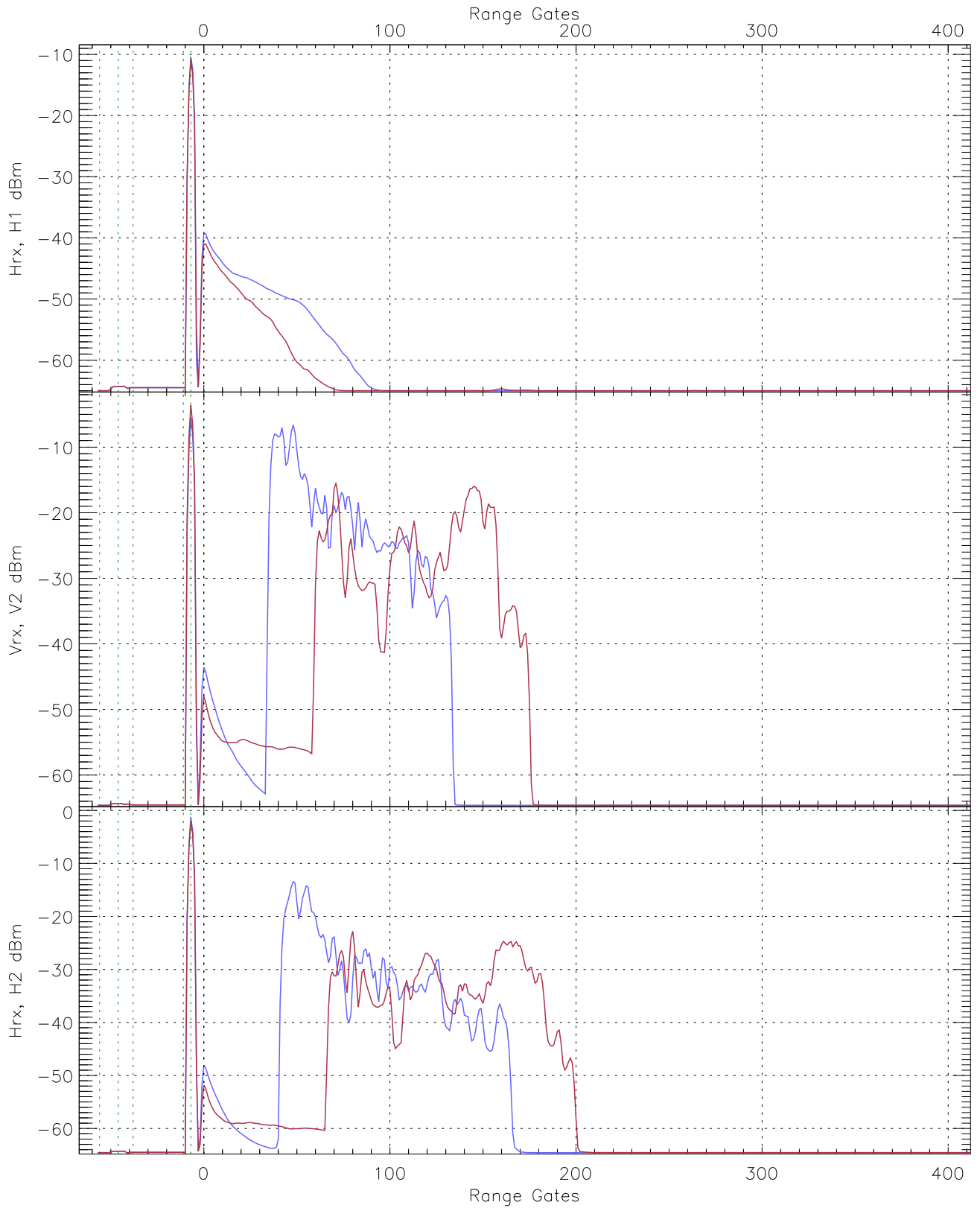
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.19	-63.94	-65.00	-65.01	-76.54
Vrx, V2 (RM [dBm])	-65.96	-63.49	-64.62	-64.63	-76.12
Hrx, H2 (RM [dBm])	-65.89	-63.31	-64.56	-64.56	-76.05

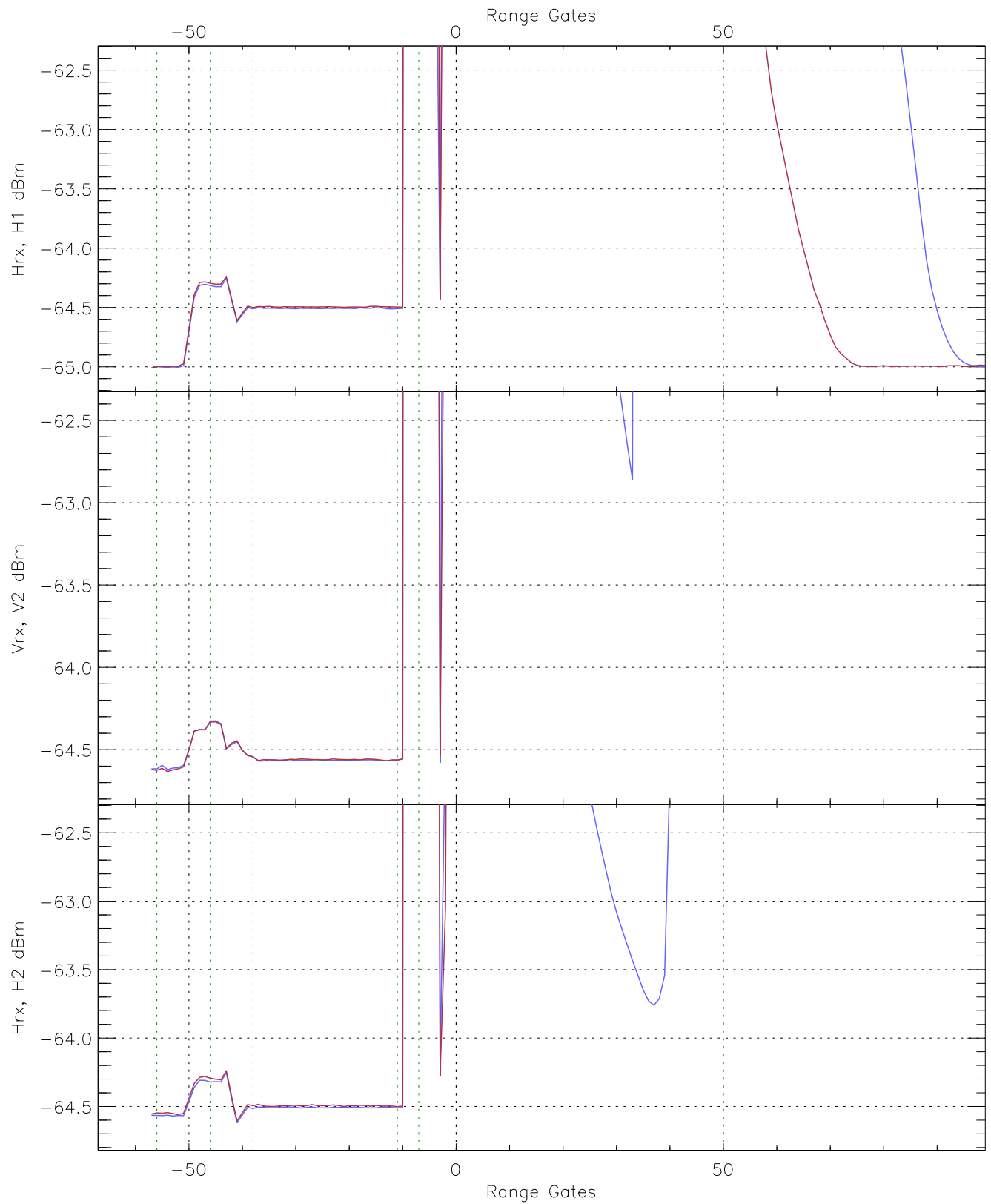


WCR3 CPP "Best" estimate Receivers Noise Power

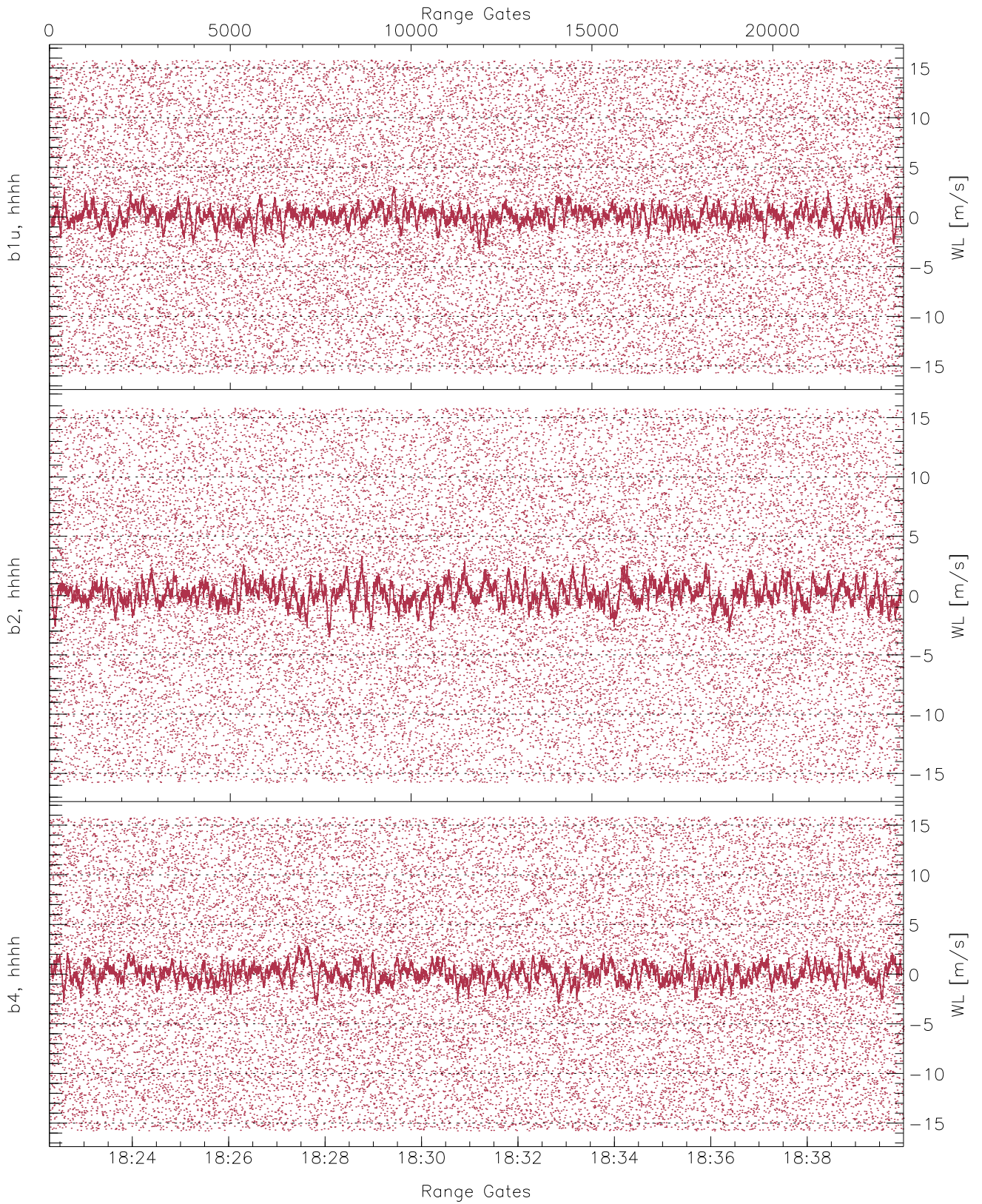
	Min	Max	Mean	Median	StDev
H1RG228_0 [dBm]	-66.64	-63.86	-65.01	-65.01	-76.51
V2RG242_0 [dBm]	-66.29	-63.50	-64.62	-64.63	-76.12
H2RG260_0 [dBm]	-66.05	-63.31	-64.57	-64.58	-76.05



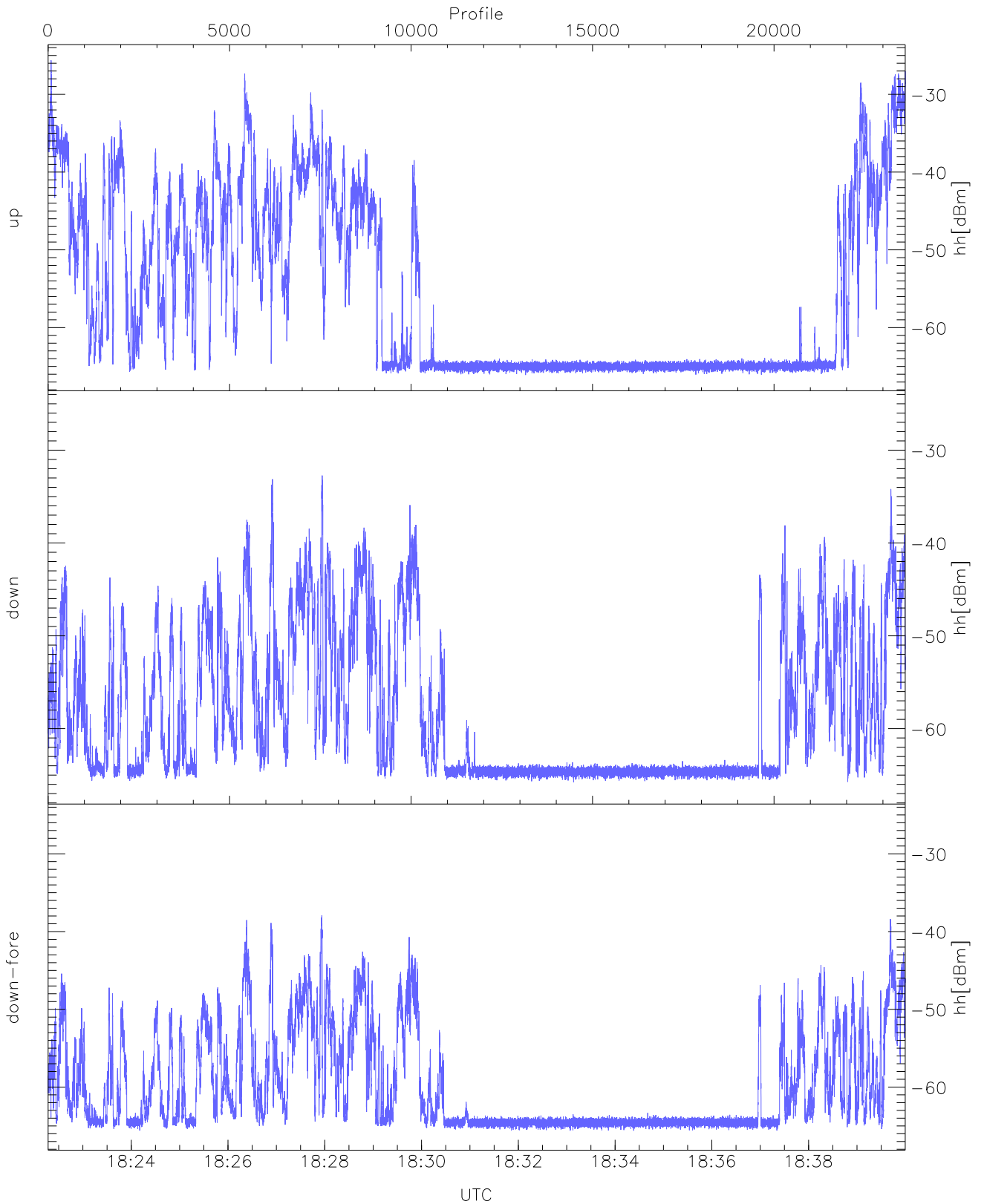
WCR3 CPP Averaged Received power for all recorded gates
blue: 182217-183108, 11809 profiles averaged
red: 183108-184000, 11808 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 182217-183108, 11809 profiles averaged
red: 183108-184000, 11808 profiles averaged

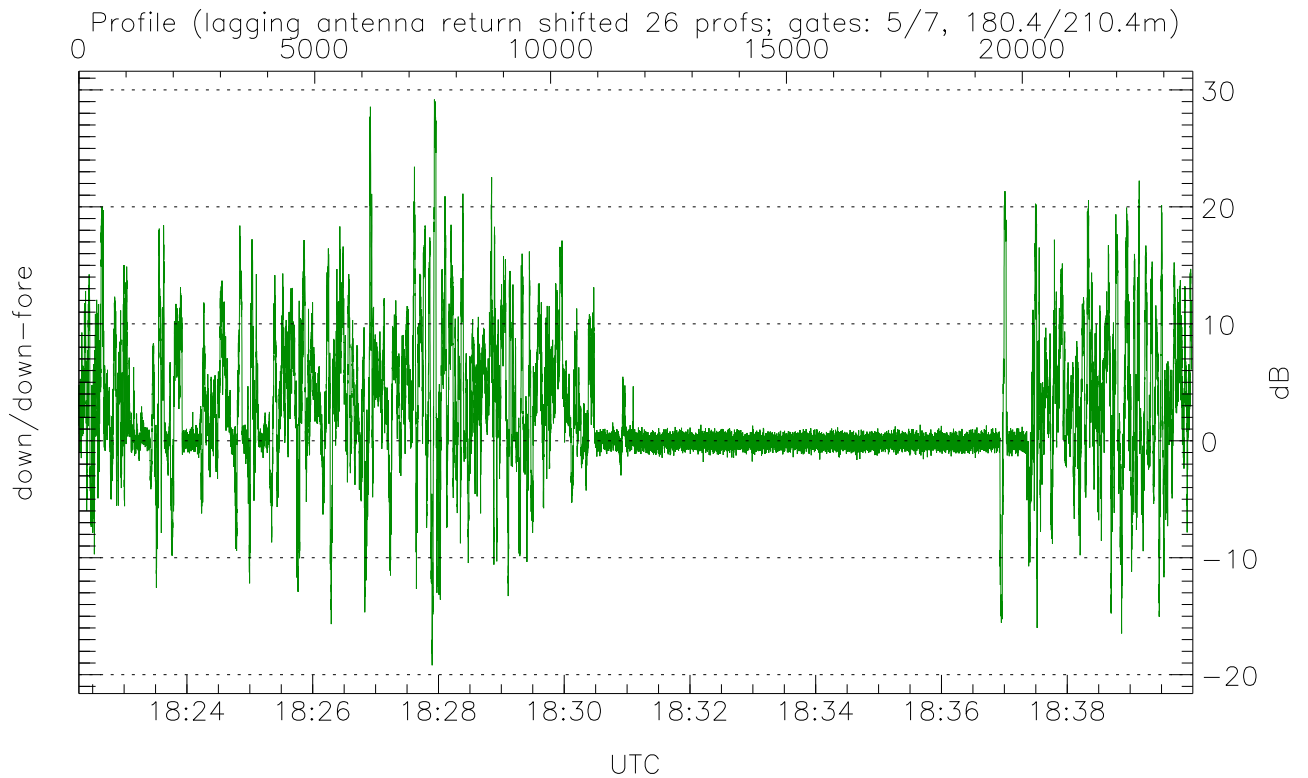
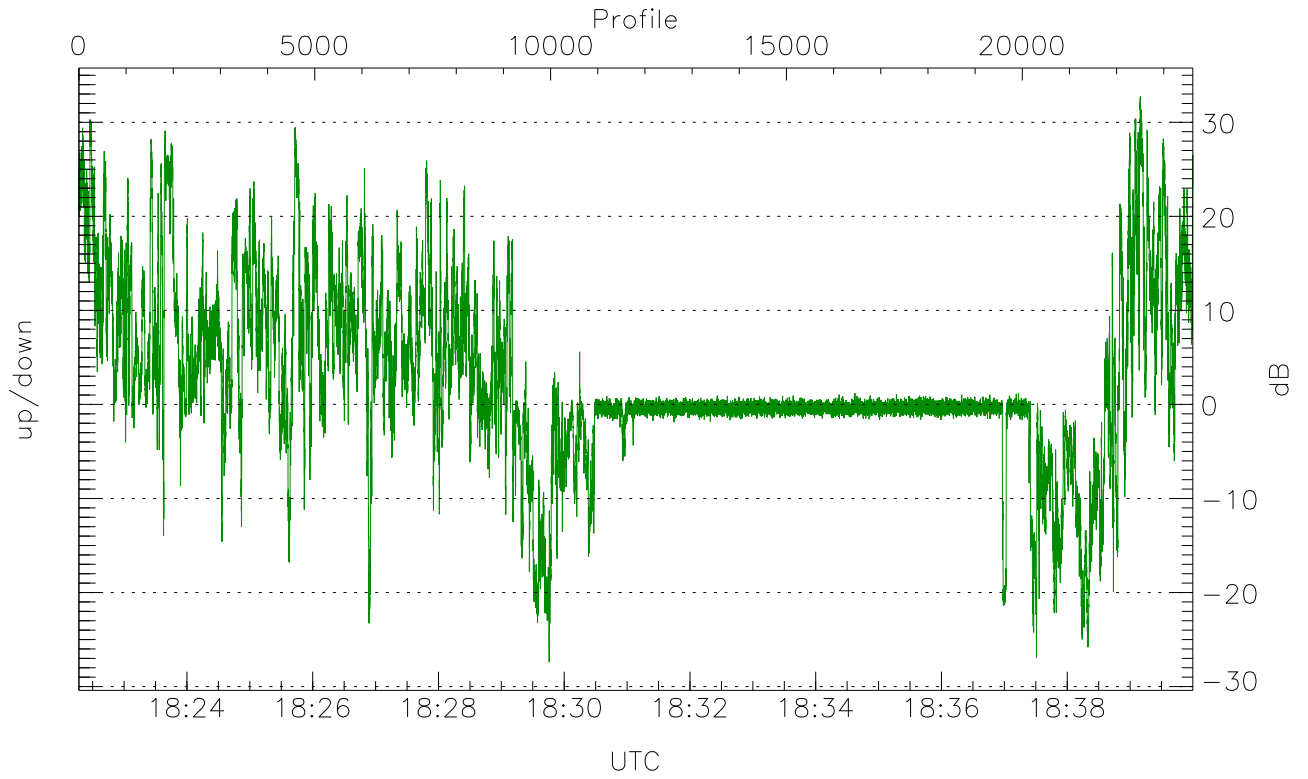


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



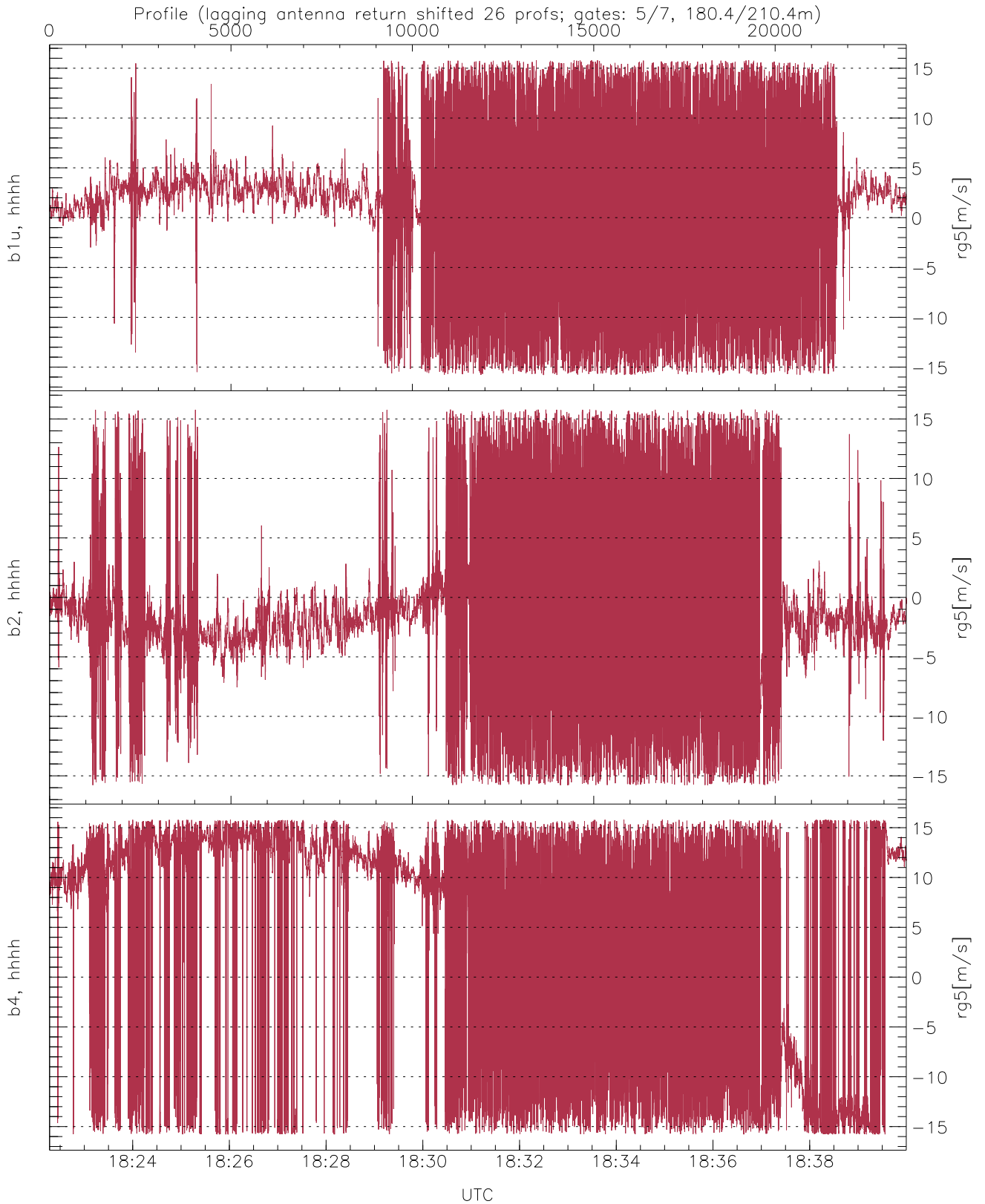
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.10	-25.62	-42.73
down(hh[dBm])	-65.79	-32.73	-50.44
down-fore(hh[dBm])	-65.61	-37.93	-54.14



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

	Min	Max	Mean
up/down (dB)	-27.39	32.76	2.55
down/down-fore (dB)	-19.19	29.18	2.23



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.22	6.39
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.15	5.71
b4, hhhh(rg5[m/s])	-15.79	15.79	3.79	10.57