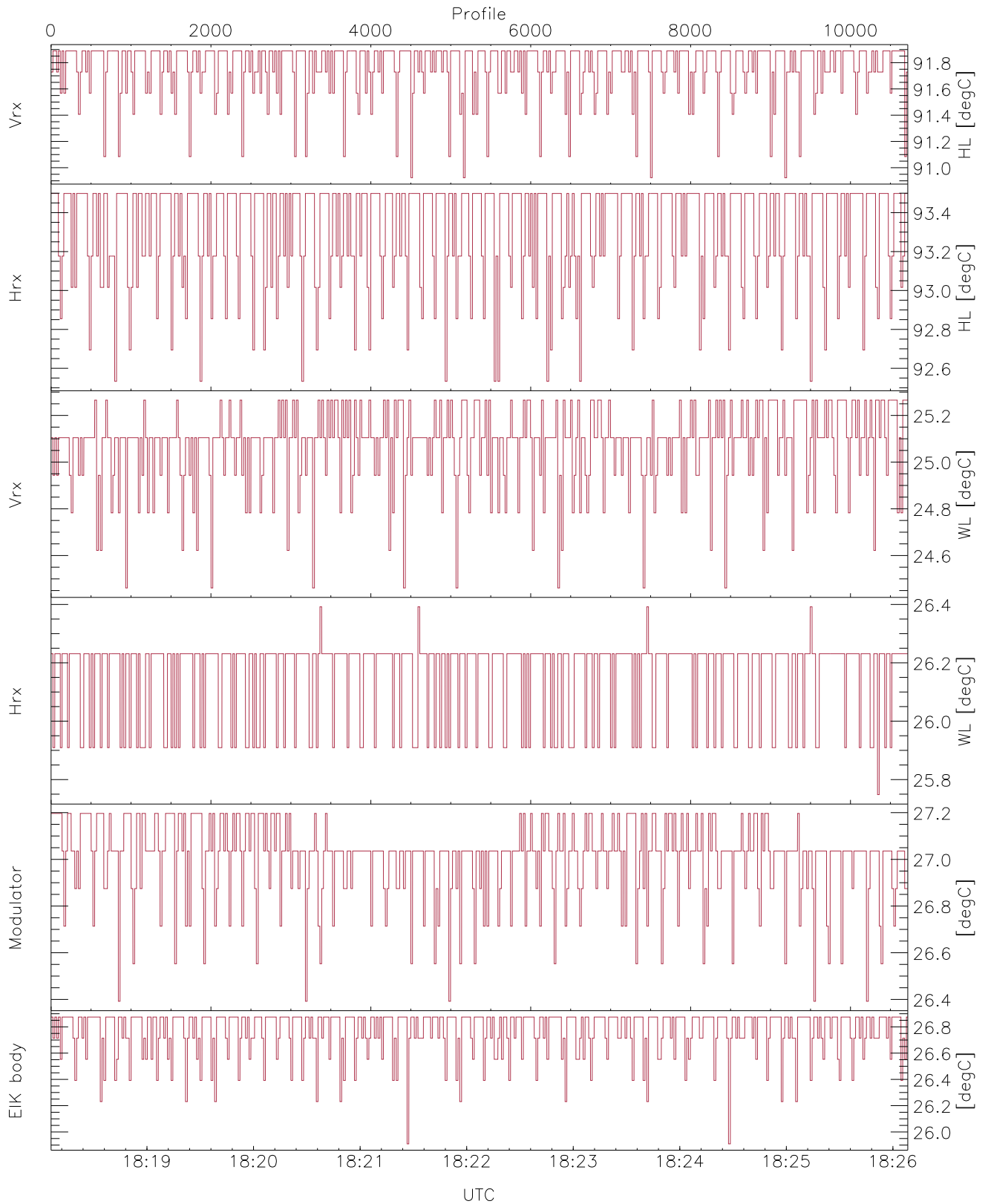


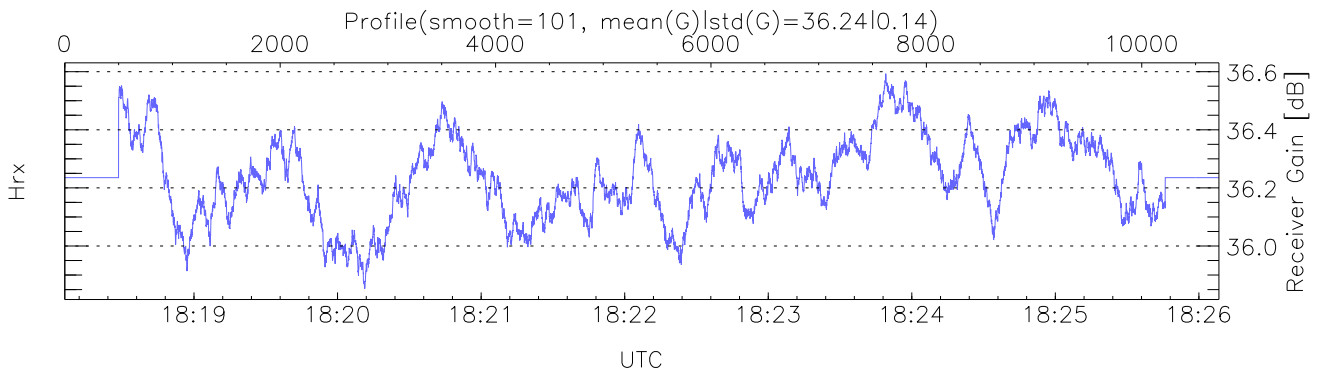
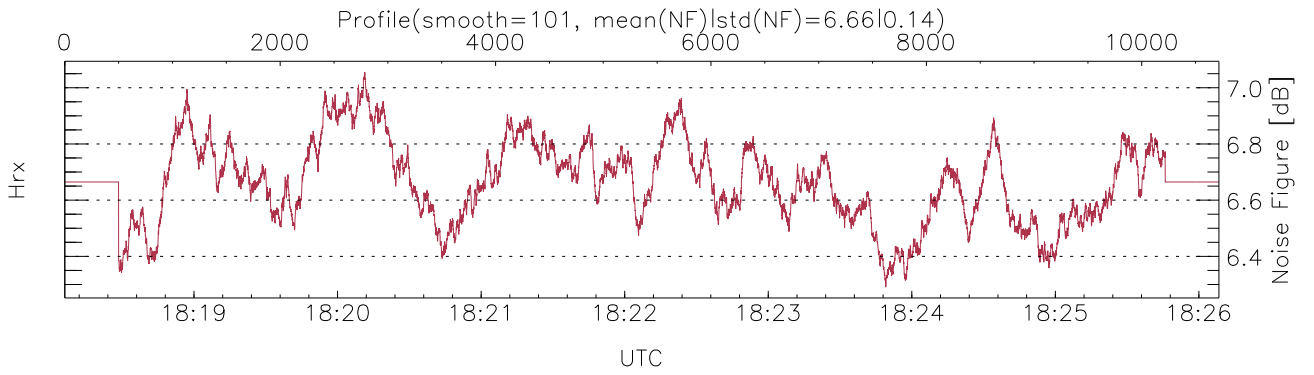
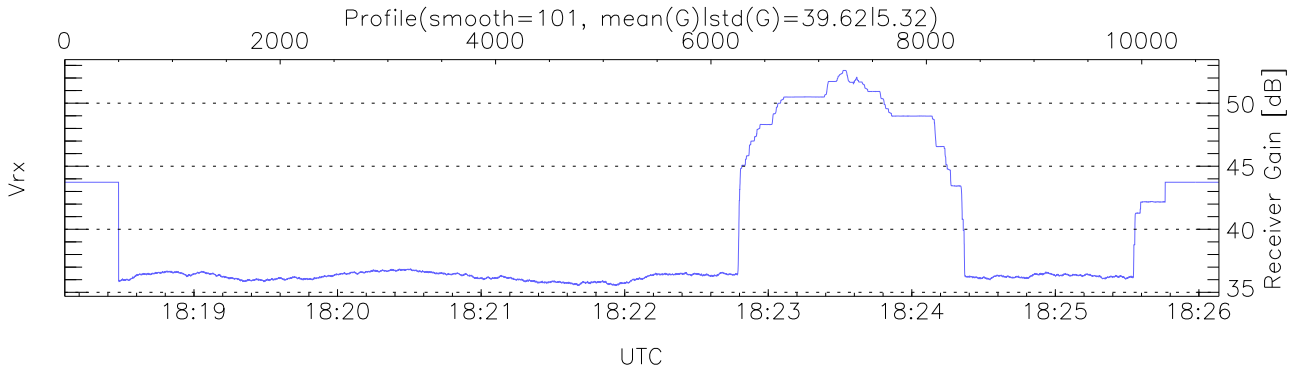
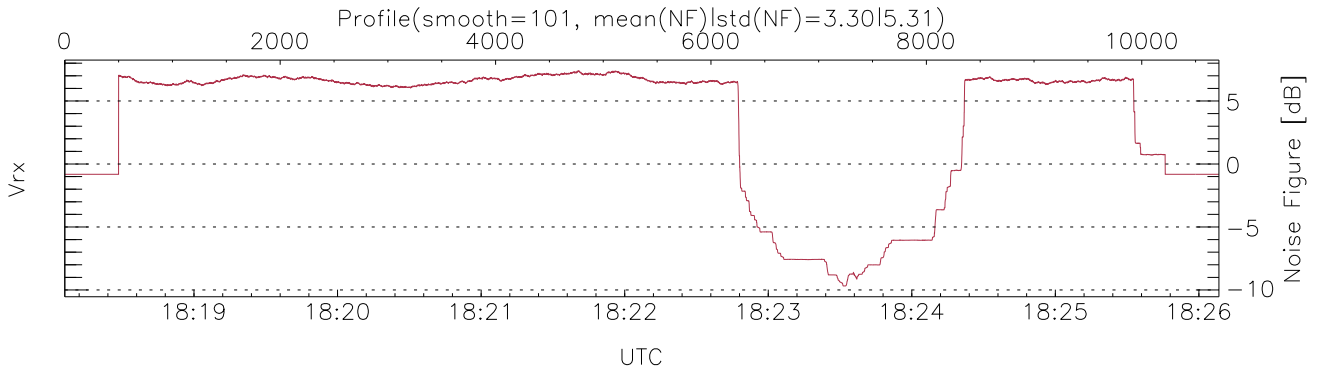
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:18:06-18:26:08, TimeCor: 0.00s, Dur: 482.39s
 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): 10718/10718, 0-10717/18:18:06-18:26:08
 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



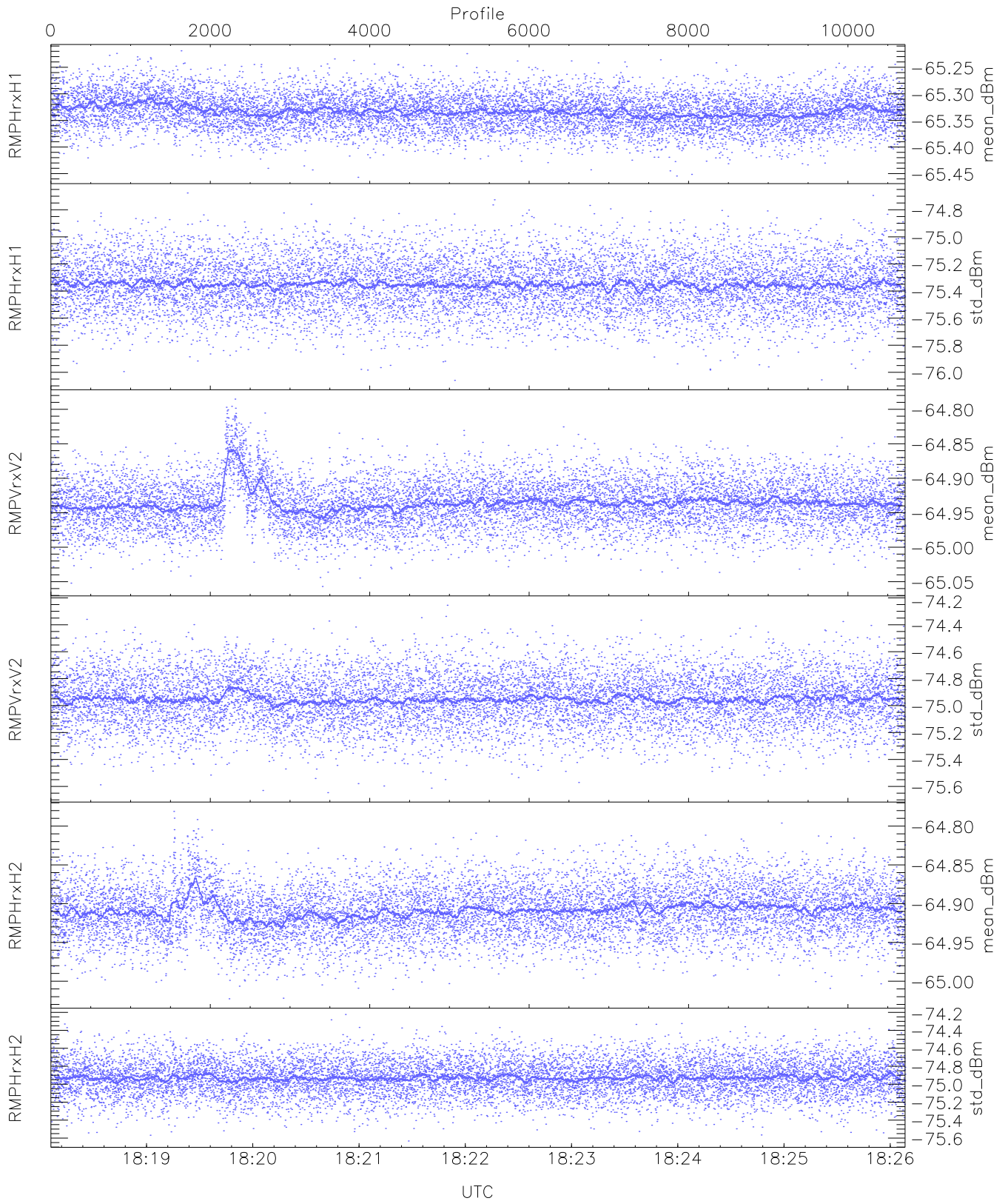
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,26,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,27,26`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK Faults(# prof affected):`
`DeckF (22)`



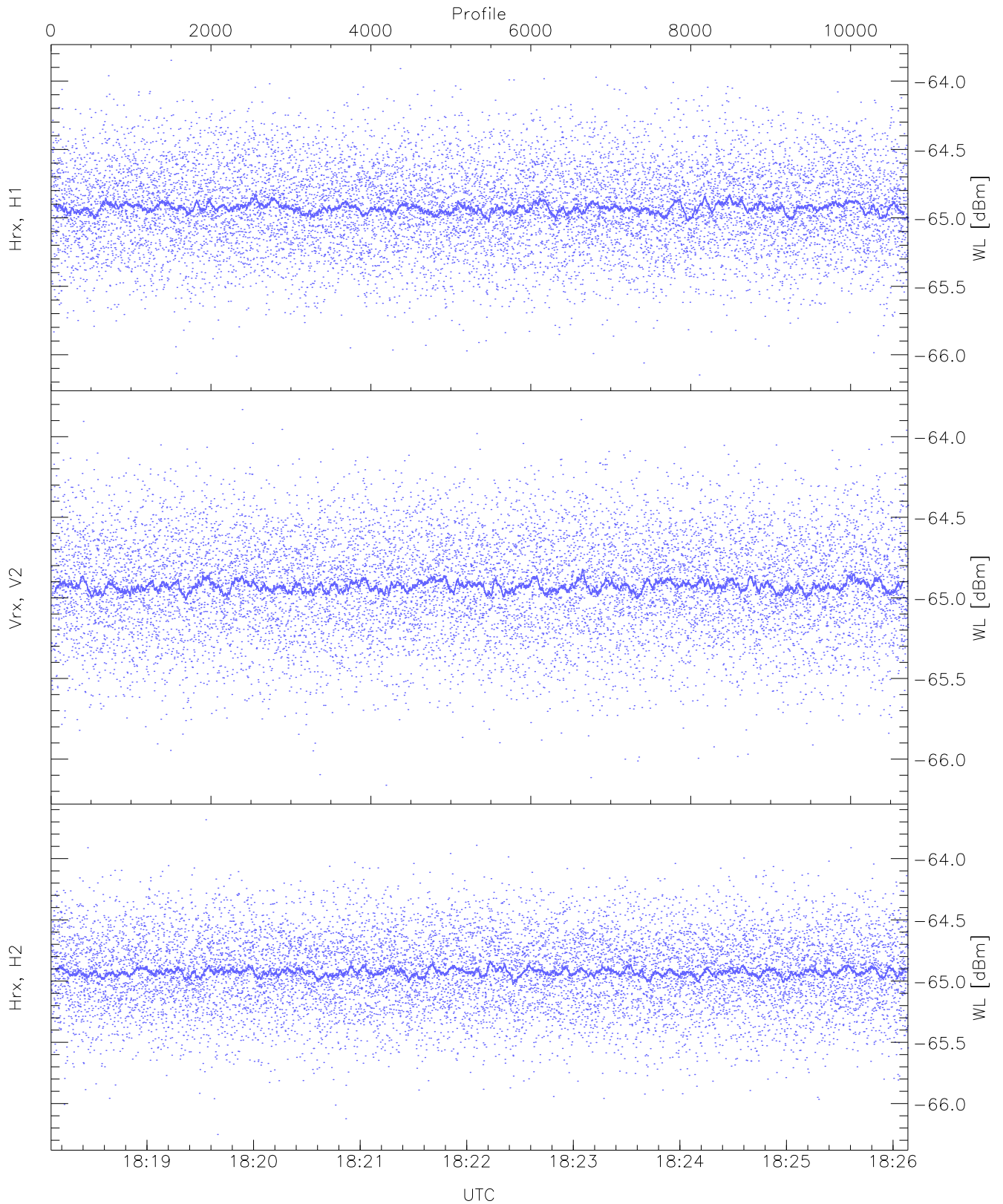
WCR3 CPP Receivers Gain and Noise Figure

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



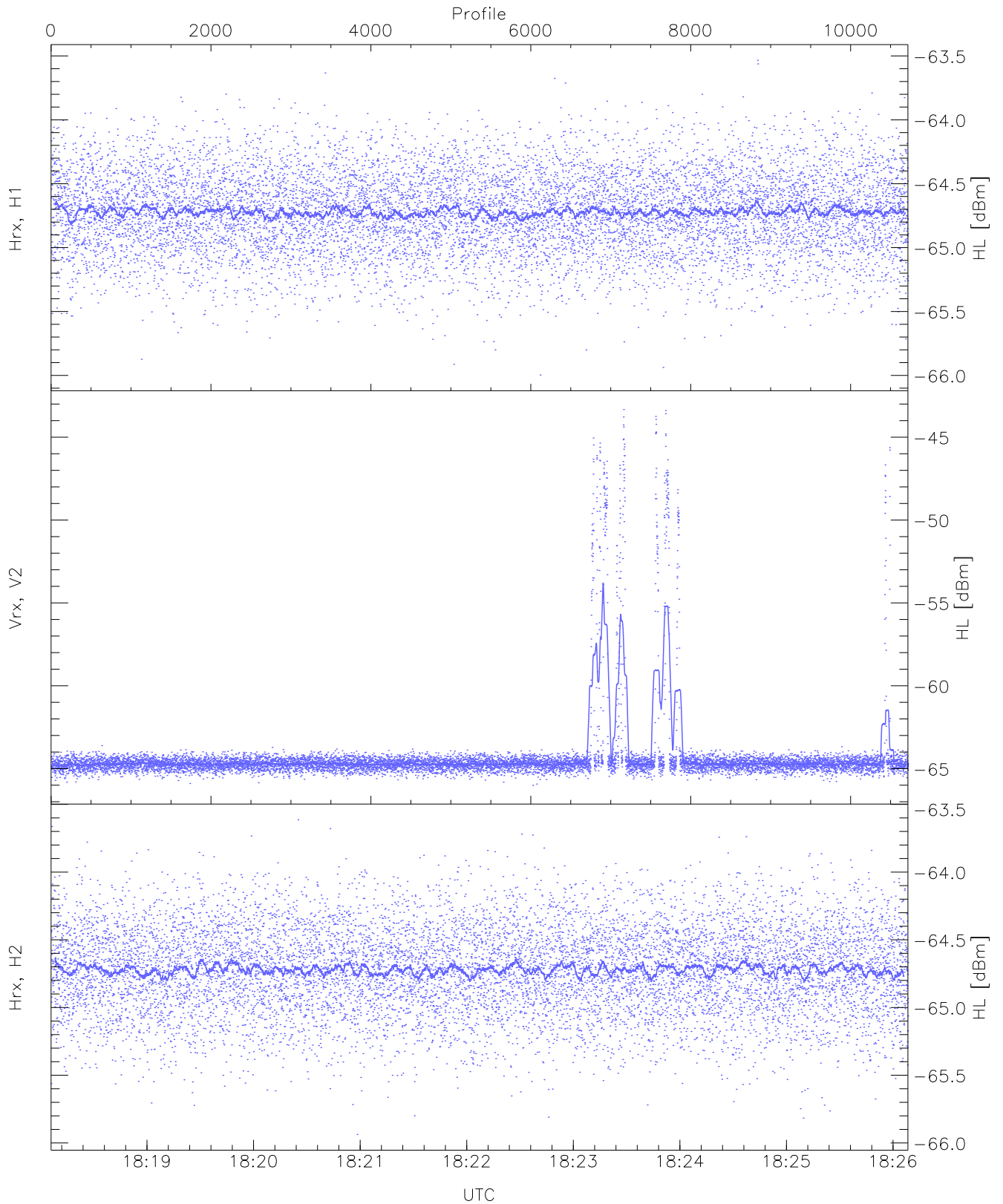
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.22	-65.33	-65.33	-86.75
RMPHrxH1(std_dBm)	-76.06	-74.68	-75.35	-75.35	-89.09
RMPVrxV2(mean_dBm)	-65.06	-64.79	-64.94	-64.94	-86.14
RMPVrxV2(std_dBm)	-75.65	-74.26	-74.95	-74.95	-88.75
RMPHrxH2(mean_dBm)	-65.02	-64.78	-64.91	-64.91	-86.34
RMPHrxH2(std_dBm)	-75.63	-74.22	-74.93	-74.93	-88.69



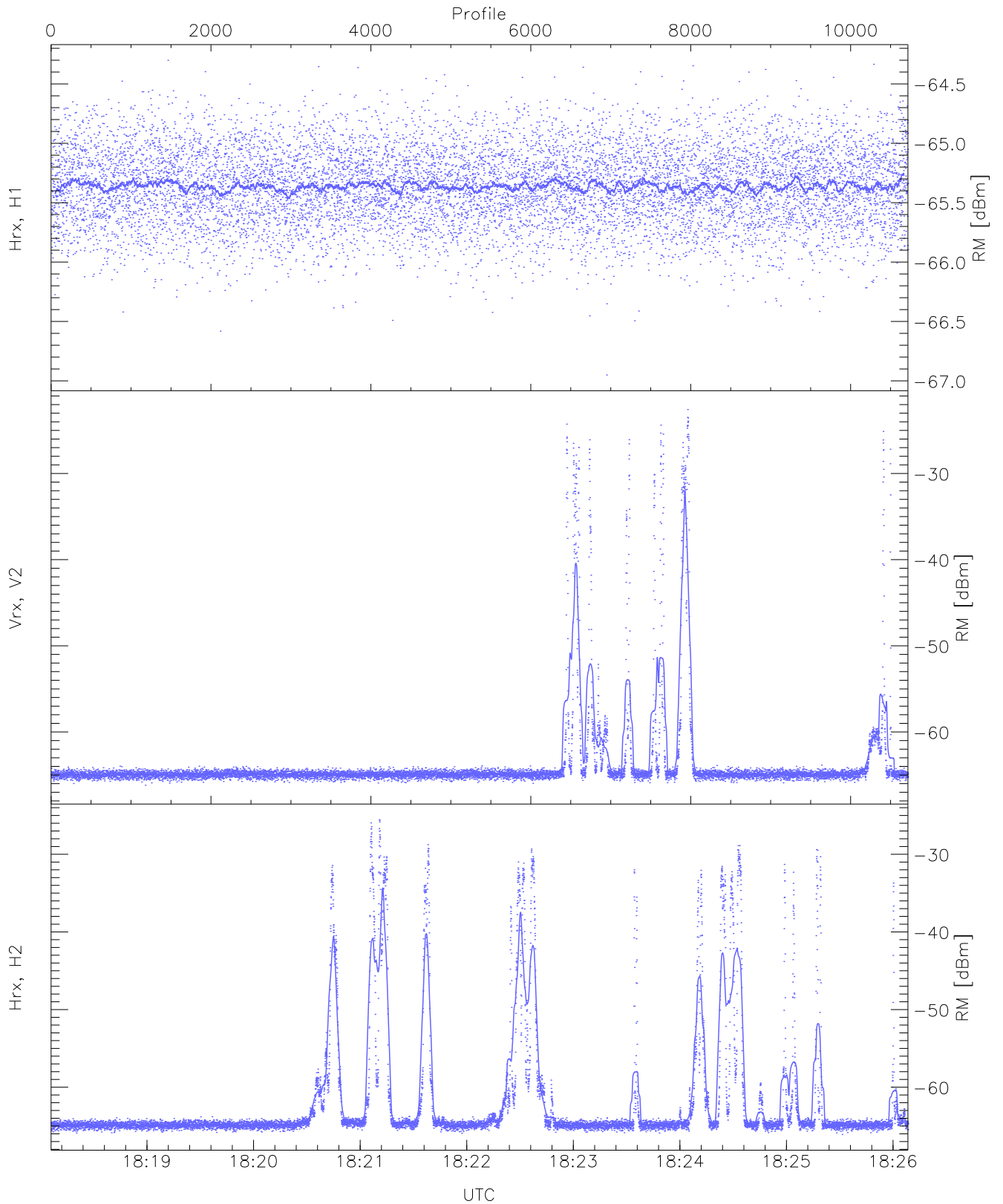
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.15	-63.85	-64.92	-64.93	-76.43
Vrx, V2 (WL [dBm])	-66.16	-63.83	-64.92	-64.93	-76.44
Hrx, H2 (WL [dBm])	-66.25	-63.68	-64.92	-64.92	-76.42



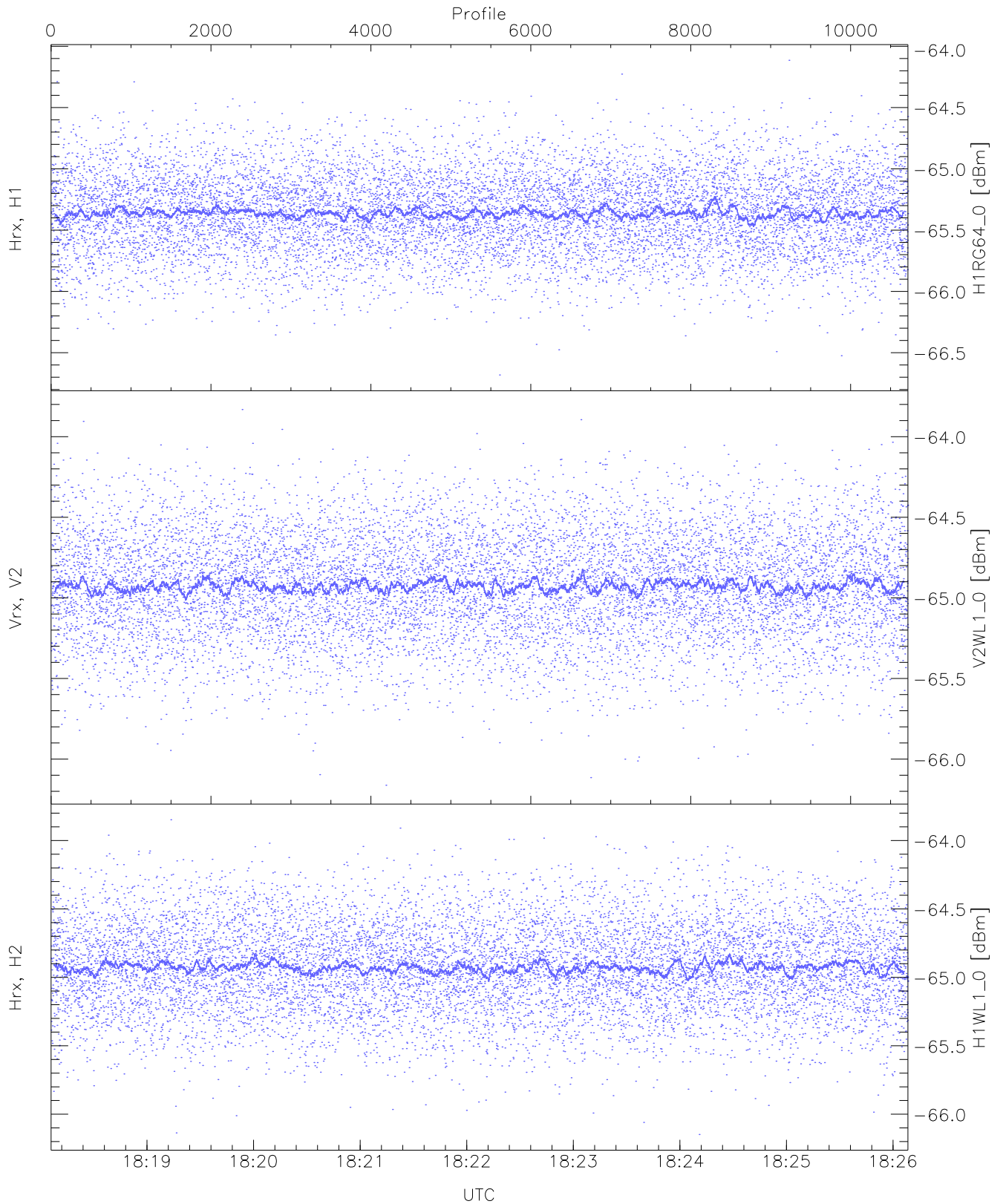
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.53	-64.71	-64.72	-76.28
Vrx, V2 (HL [dBm])	-66.00	-43.33	-61.47	-64.70	-55.88
Hrx, H2 (HL [dBm])	-65.94	-63.61	-64.71	-64.72	-76.24



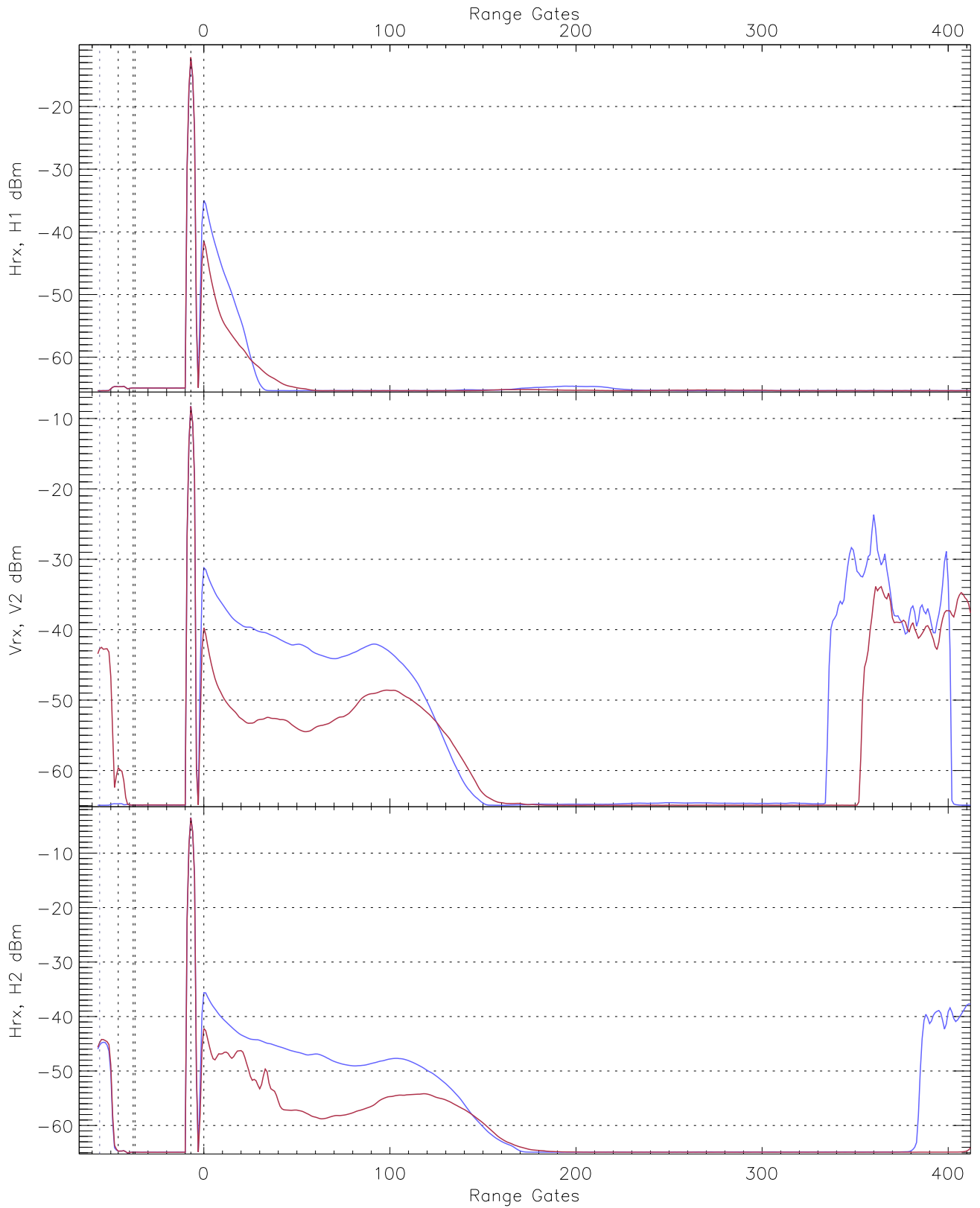
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.95	-64.30	-65.35	-65.36	-76.86
Vrx, V2 (RM [dBm])	-66.19	-22.57	-45.69	-64.88	-36.51
Hrx, H2 (RM [dBm])	-66.09	-25.55	-45.00	-64.69	-38.20

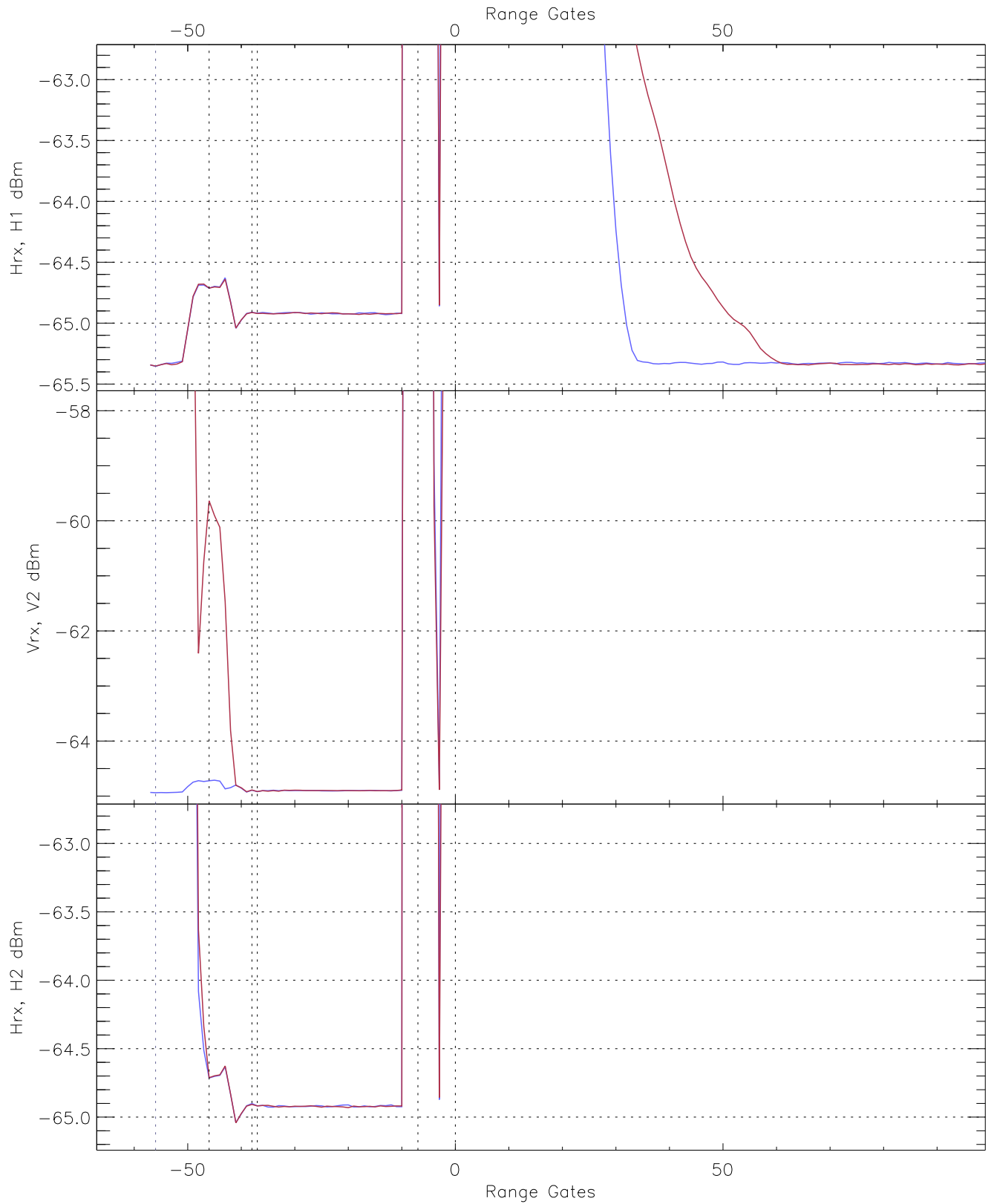


WCR3 CPP "Best" estimate Receivers Noise Power

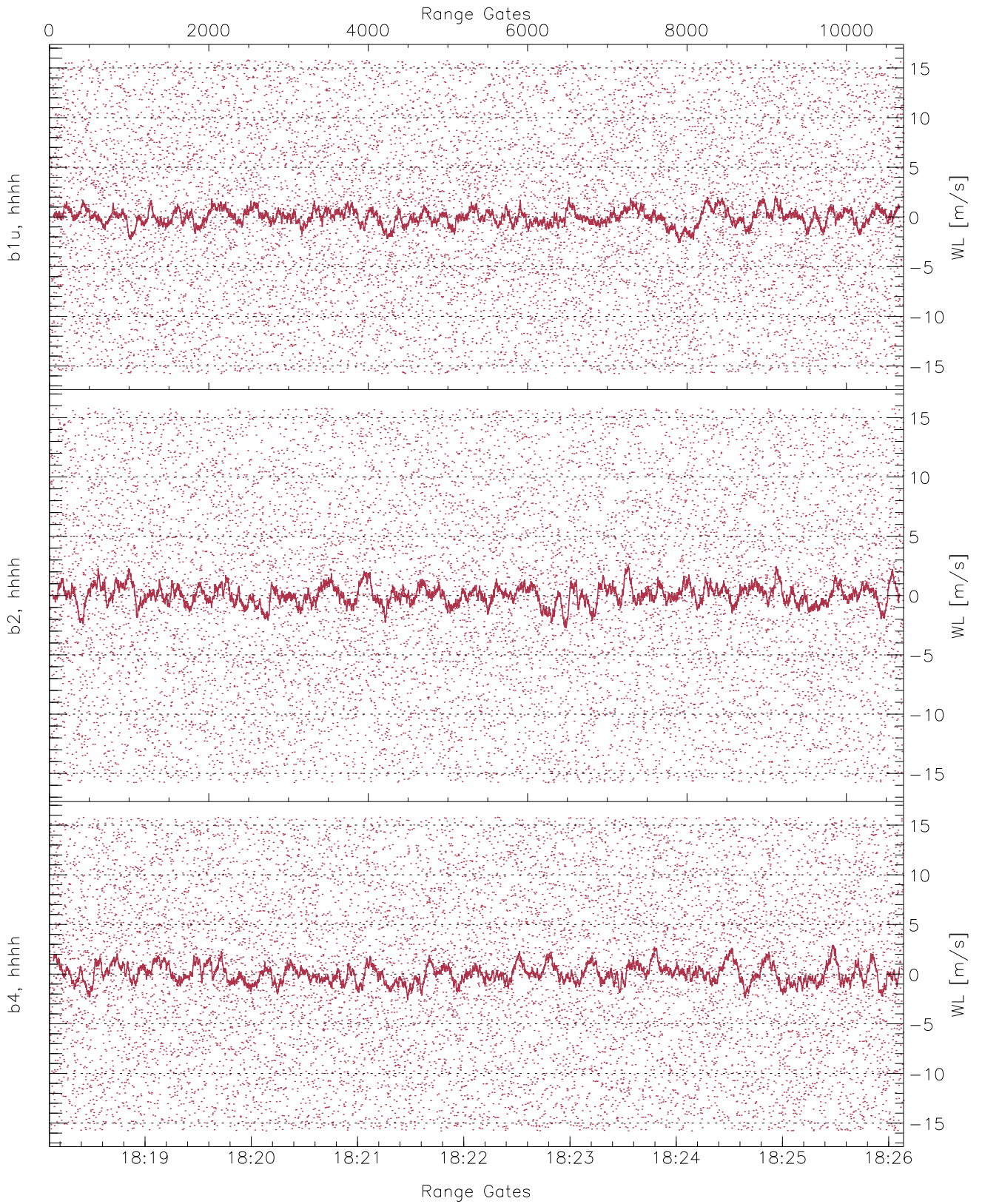
	Min	Max	Mean	Median	StDev
H1RG64_0 [dBm]	-66.68	-64.11	-65.35	-65.36	-76.86
V2WL1_0 [dBm]	-66.16	-63.83	-64.92	-64.93	-76.44
H1WL1_0 [dBm]	-66.15	-63.85	-64.92	-64.93	-76.43



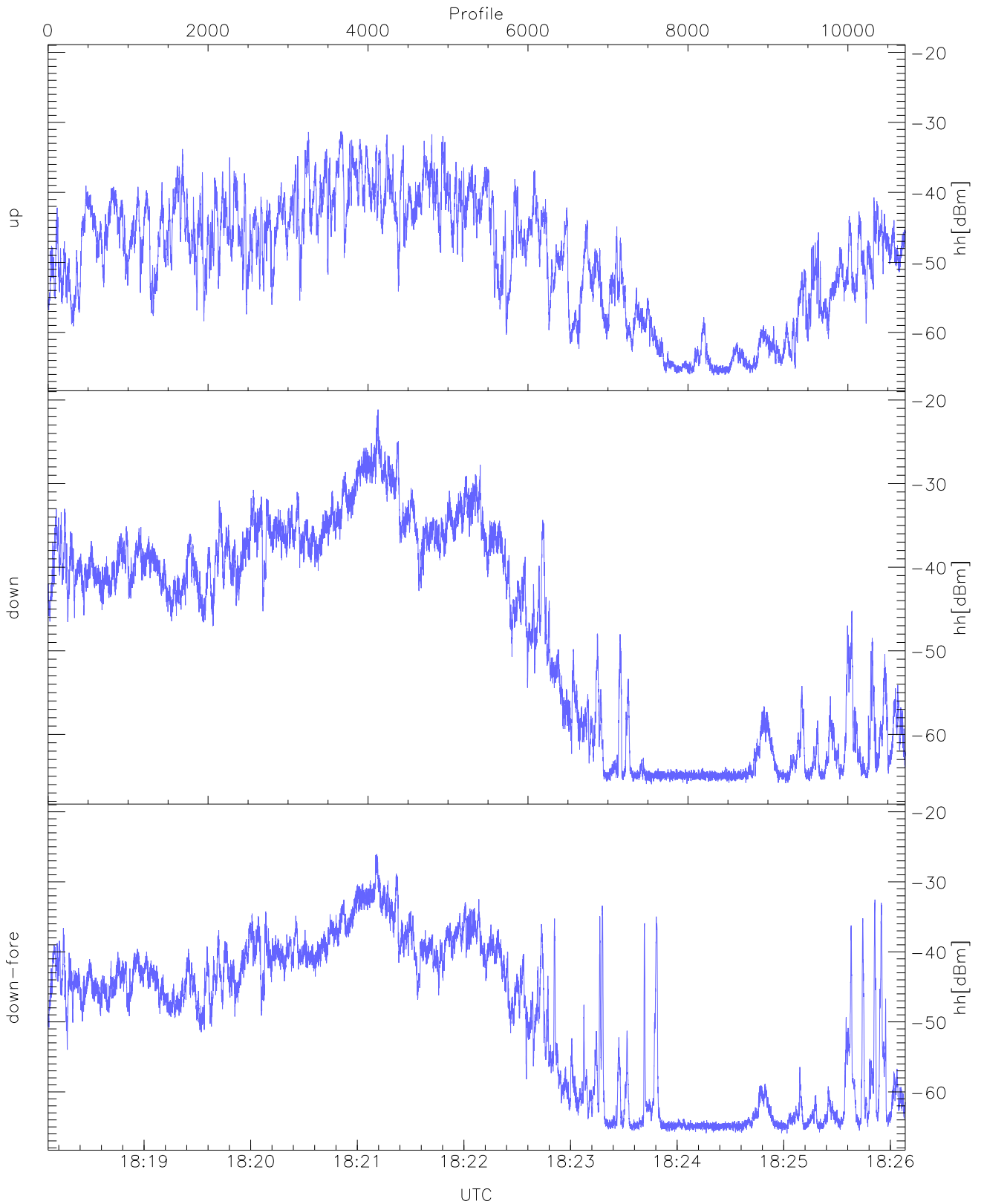
WCR3 CPP Averaged Received power for all recorded gates
blue: 181806-182207, 5360 profiles averaged
red: 182207-182608, 5359 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181806-182207, 5360 profiles averaged
red: 182207-182608, 5359 profiles averaged

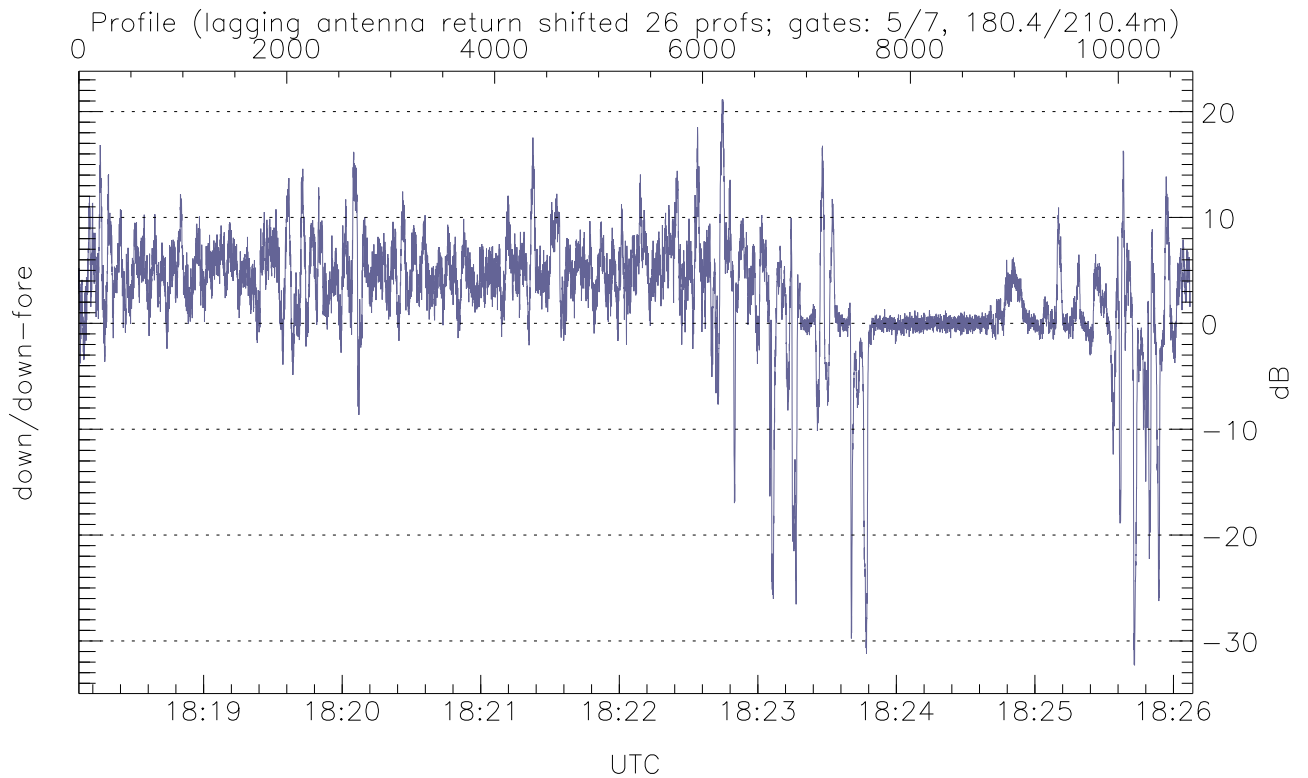
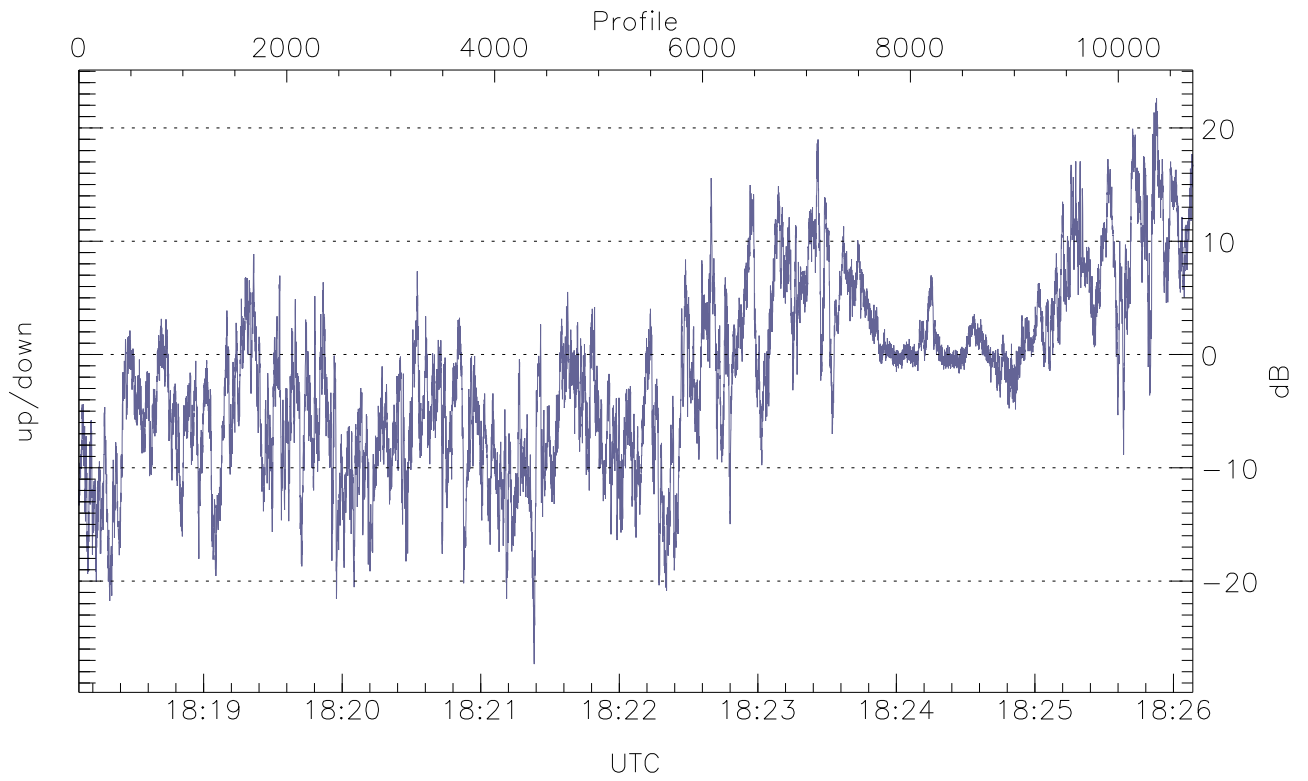


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



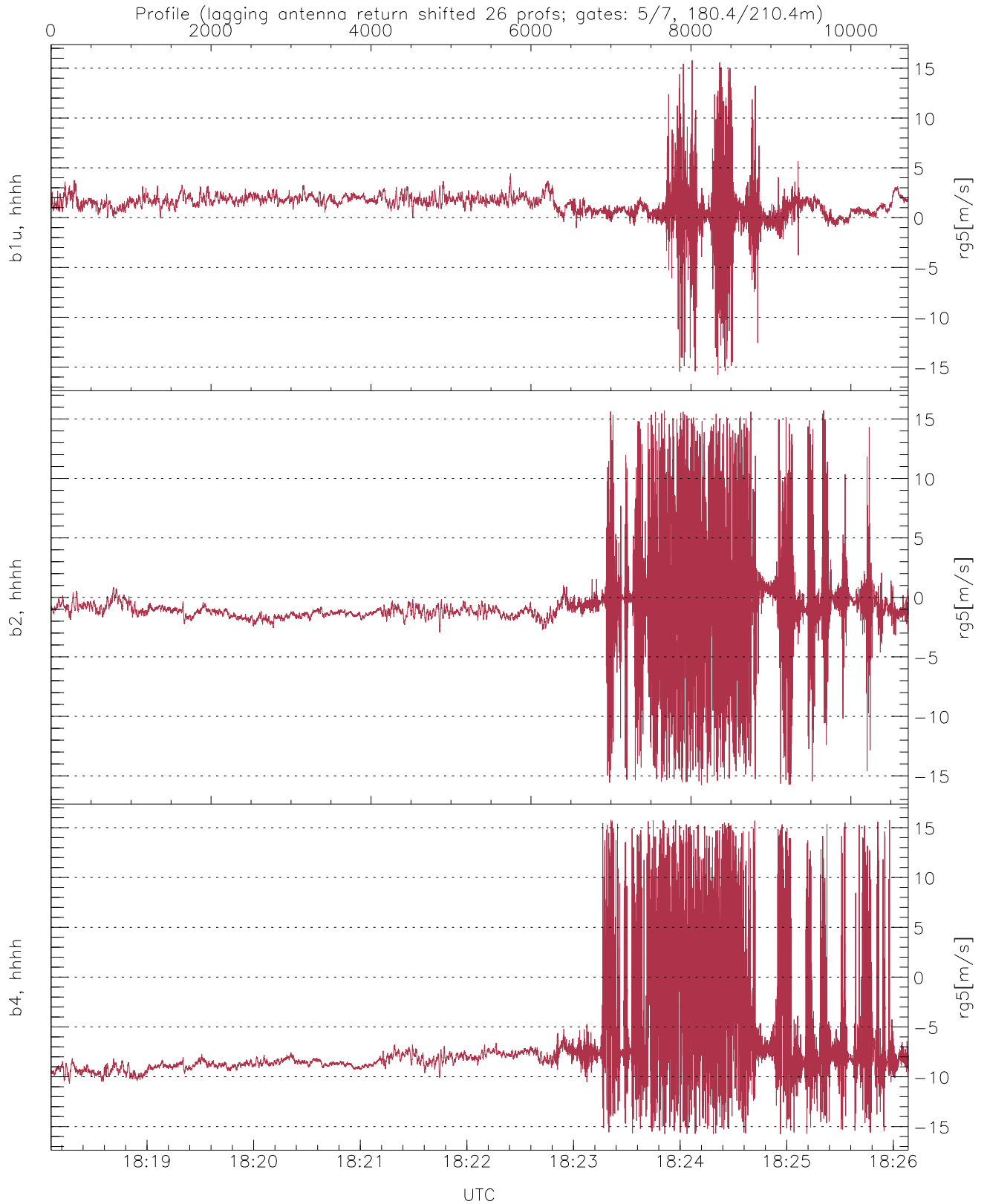
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.08	-31.33	-43.23
down(hh[dBm])	-65.95	-21.14	-36.89
down-fore(hh[dBm])	-65.93	-26.05	-40.71



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

	Min	Max	Mean
up/down (dB)	-27.33	22.62	-1.85
down/down-fore (dB)	-32.30	21.14	2.85



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	1.34	1.70
b2, hhhh(rg5[m/s])	-15.78	15.72	-0.79	3.43
b4, hhhh(rg5[m/s])	-15.77	15.77	-6.77	4.96