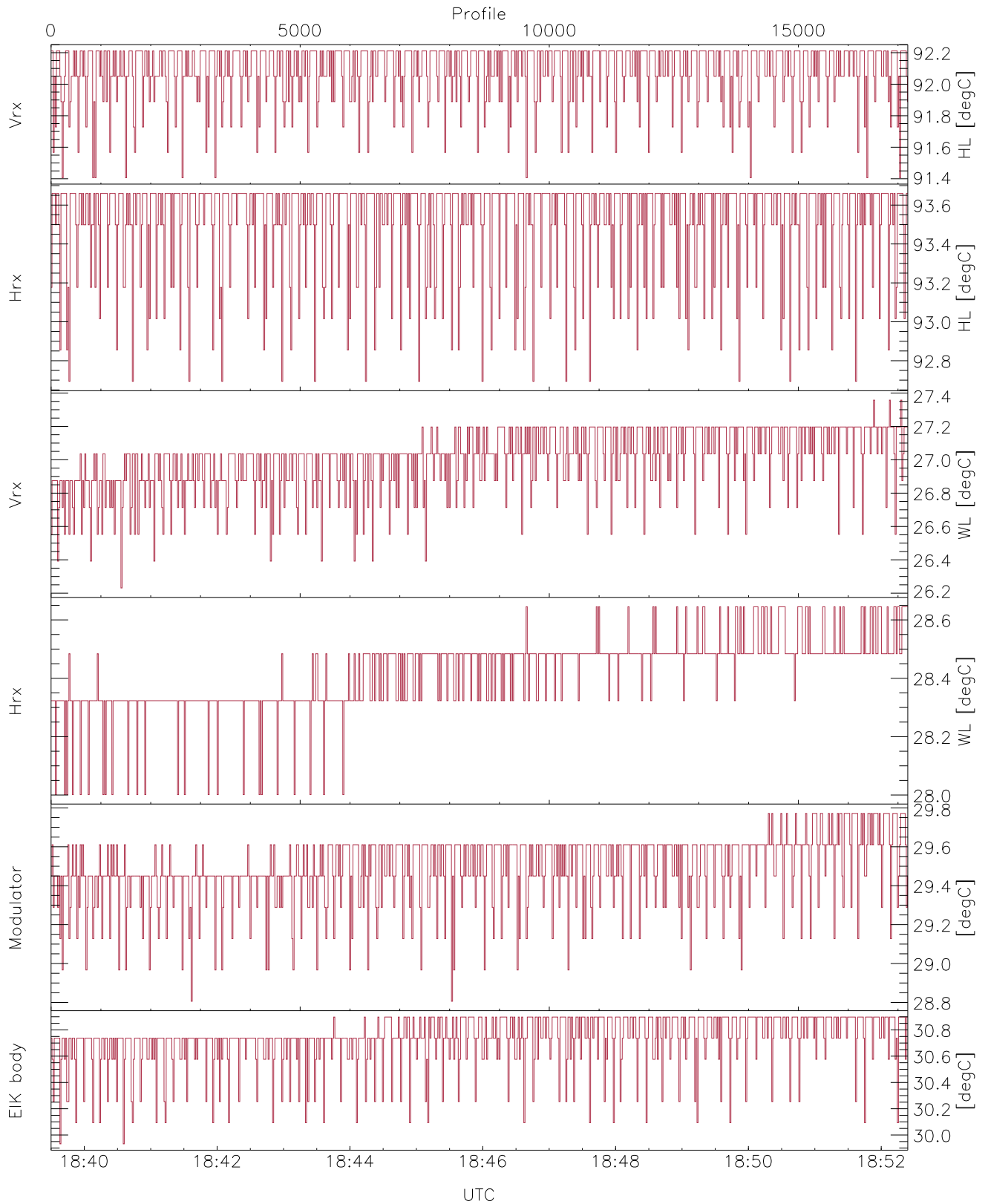


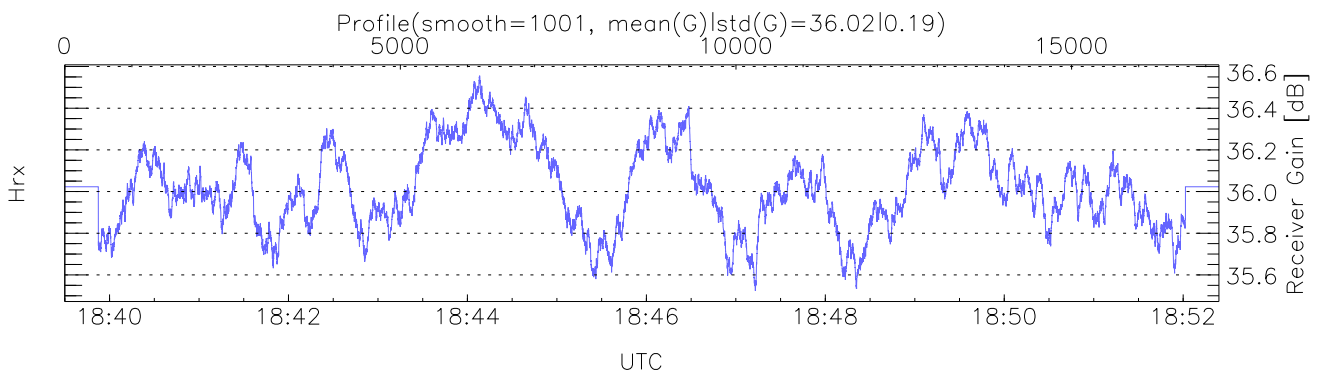
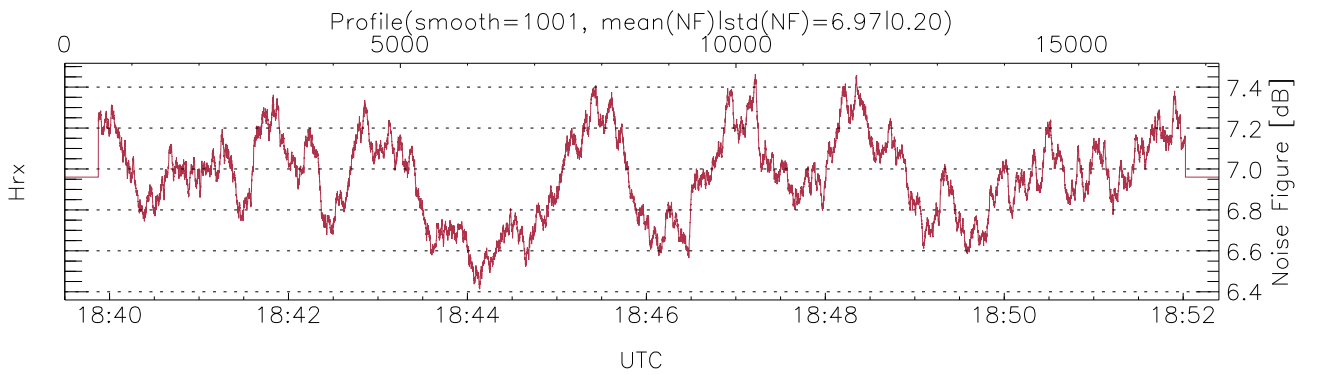
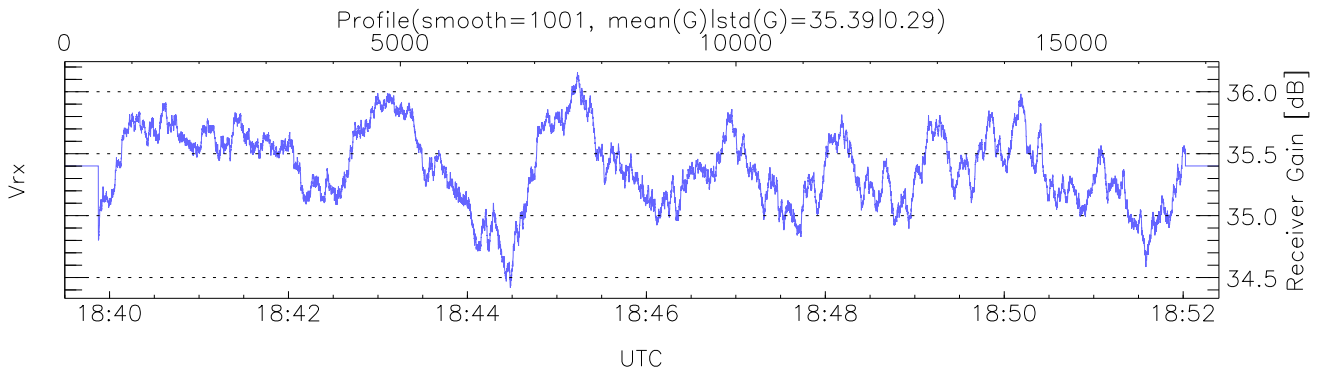
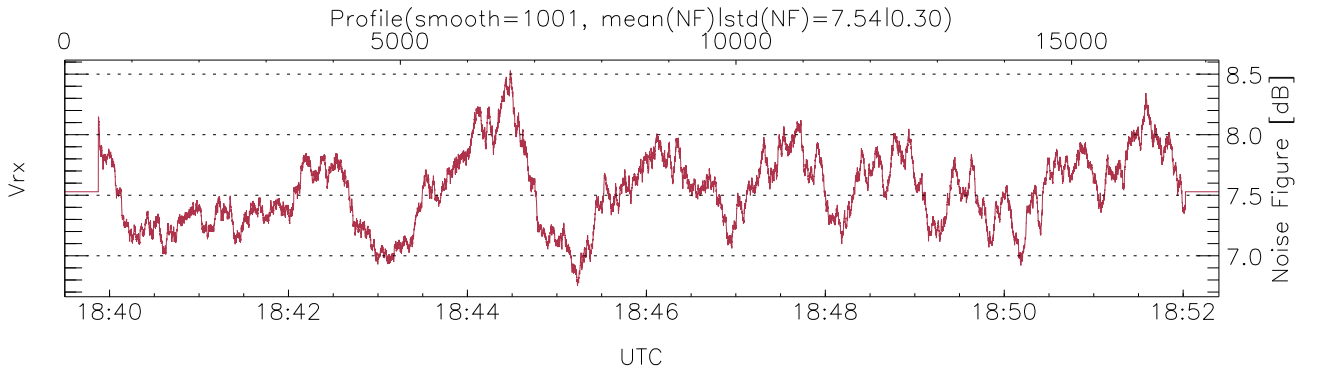
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:39:30-18:52:24, TimeCor: 0.00s, Dur: 774.01s
 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): 17197/17197, 0-17196/18:39:30-18:52:24
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-910112,3,9x = no mirror/sideluperror): 91



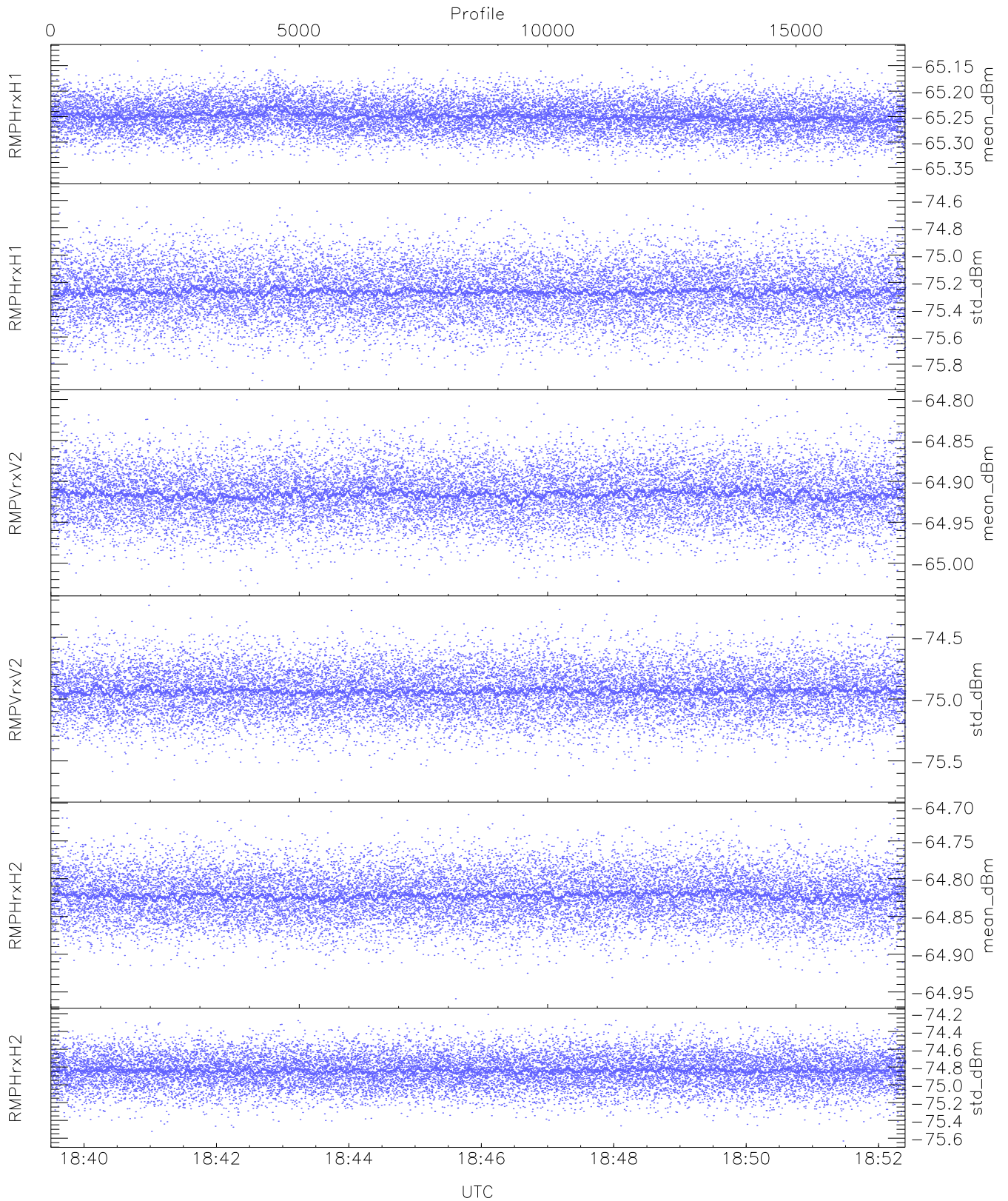
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,28,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,28,29,30`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK Faults(# prof affected):`
`DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (24,24,24,24,24,24)`



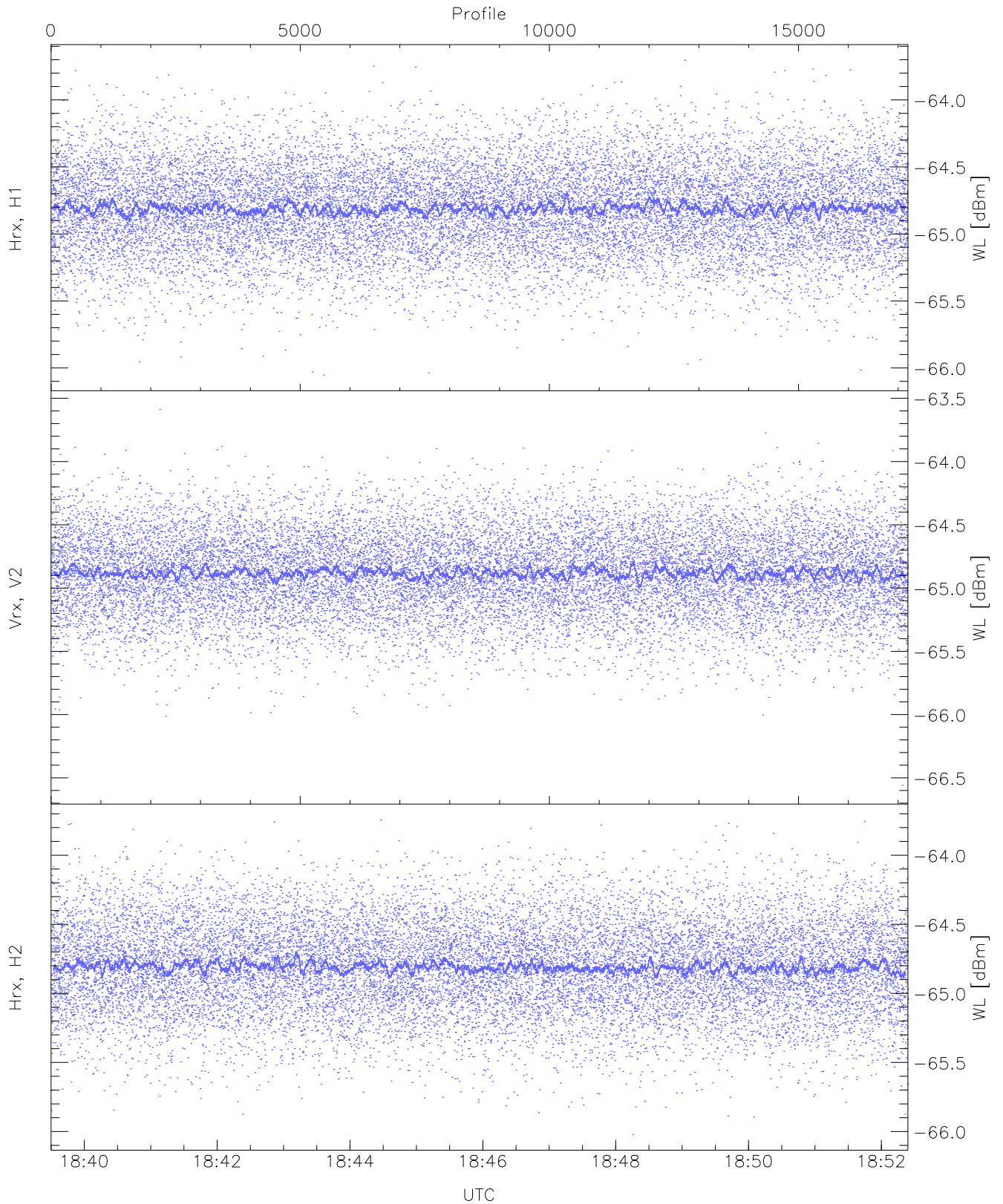
WCR3 CPP Receivers Gain and Noise Figure

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



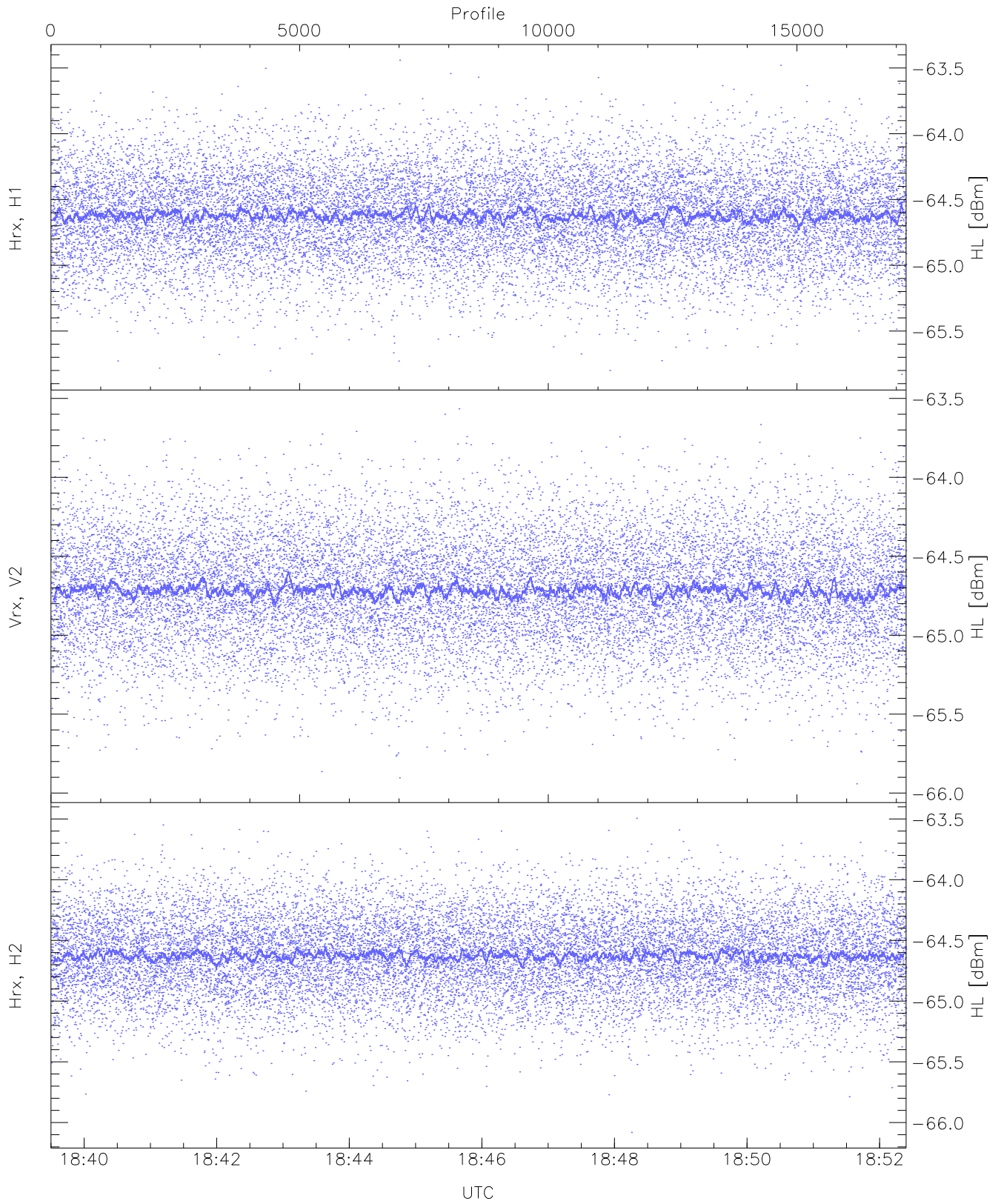
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.37	-65.12	-65.25	-65.25	-86.84
RMPHrxH1(std_dBm)	-75.92	-74.55	-75.27	-75.27	-89.05
RMPVrxV2(mean_dBm)	-65.03	-64.80	-64.92	-64.92	-86.50
RMPVrxV2(std_dBm)	-75.76	-74.24	-74.94	-74.94	-88.72
RMPHrxH2(mean_dBm)	-64.96	-64.71	-64.82	-64.82	-86.45
RMPHrxH2(std_dBm)	-75.63	-74.21	-74.84	-74.84	-88.65



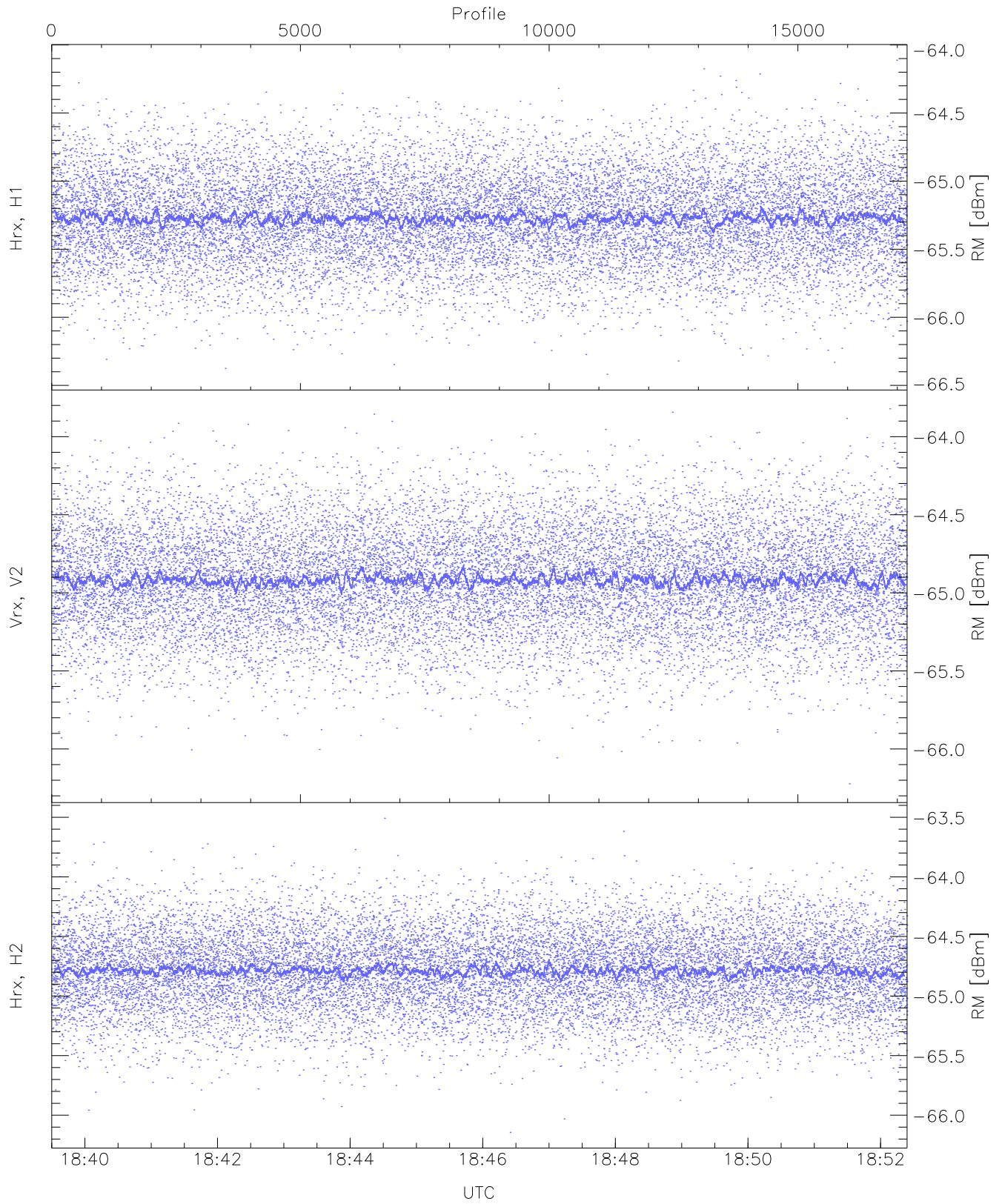
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.05	-63.70	-64.80	-64.81	-76.31
Vrx, V2(WL [dBm])	-66.56	-63.59	-64.87	-64.88	-76.39
Hrx, H2(WL [dBm])	-66.02	-63.74	-64.80	-64.81	-76.32



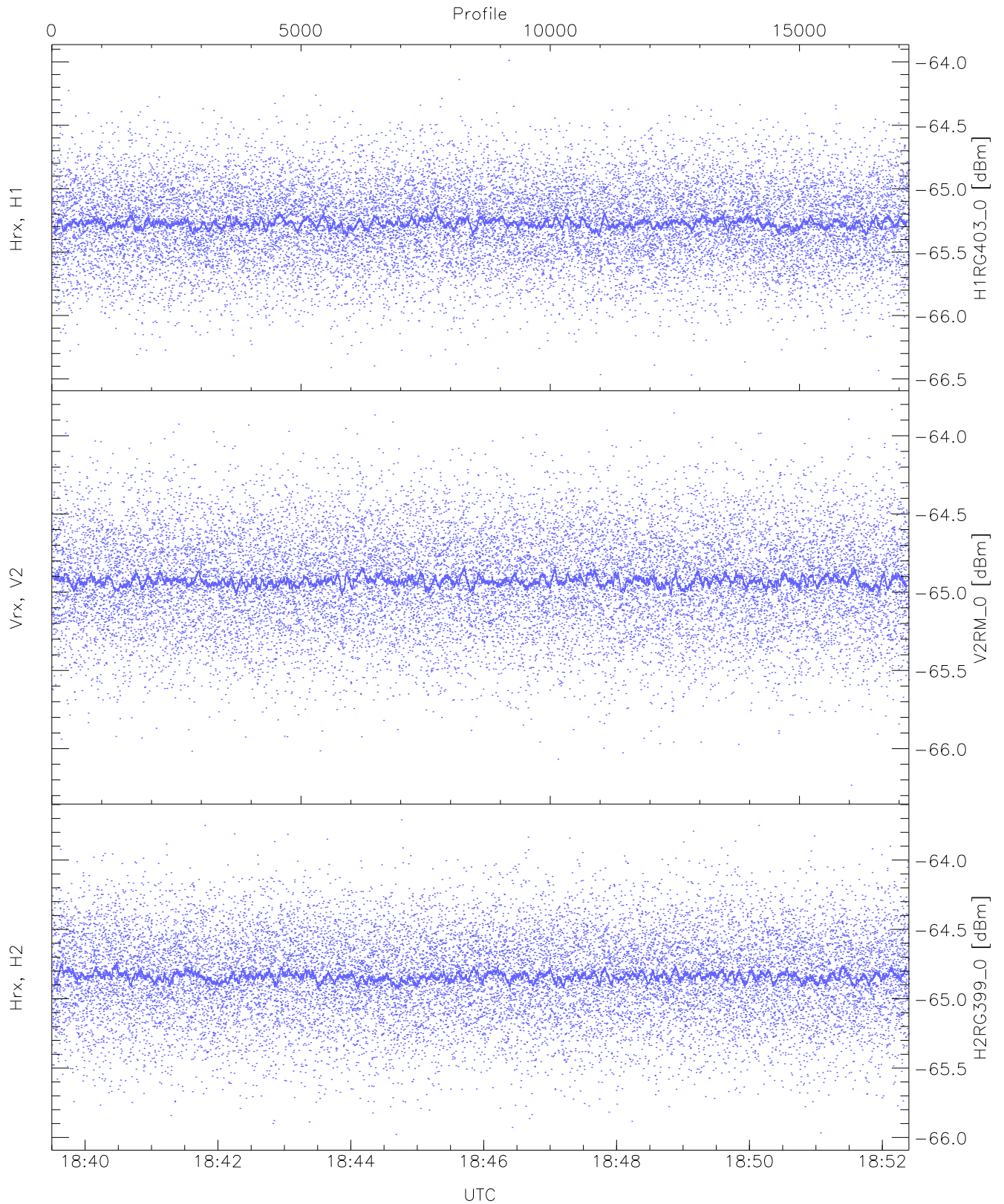
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.83	-63.44	-64.62	-64.62	-76.10
Vrx, V2 (HL [dBm])	-65.94	-63.57	-64.71	-64.72	-76.22
Hrx, H2 (HL [dBm])	-66.08	-63.49	-64.62	-64.63	-76.11



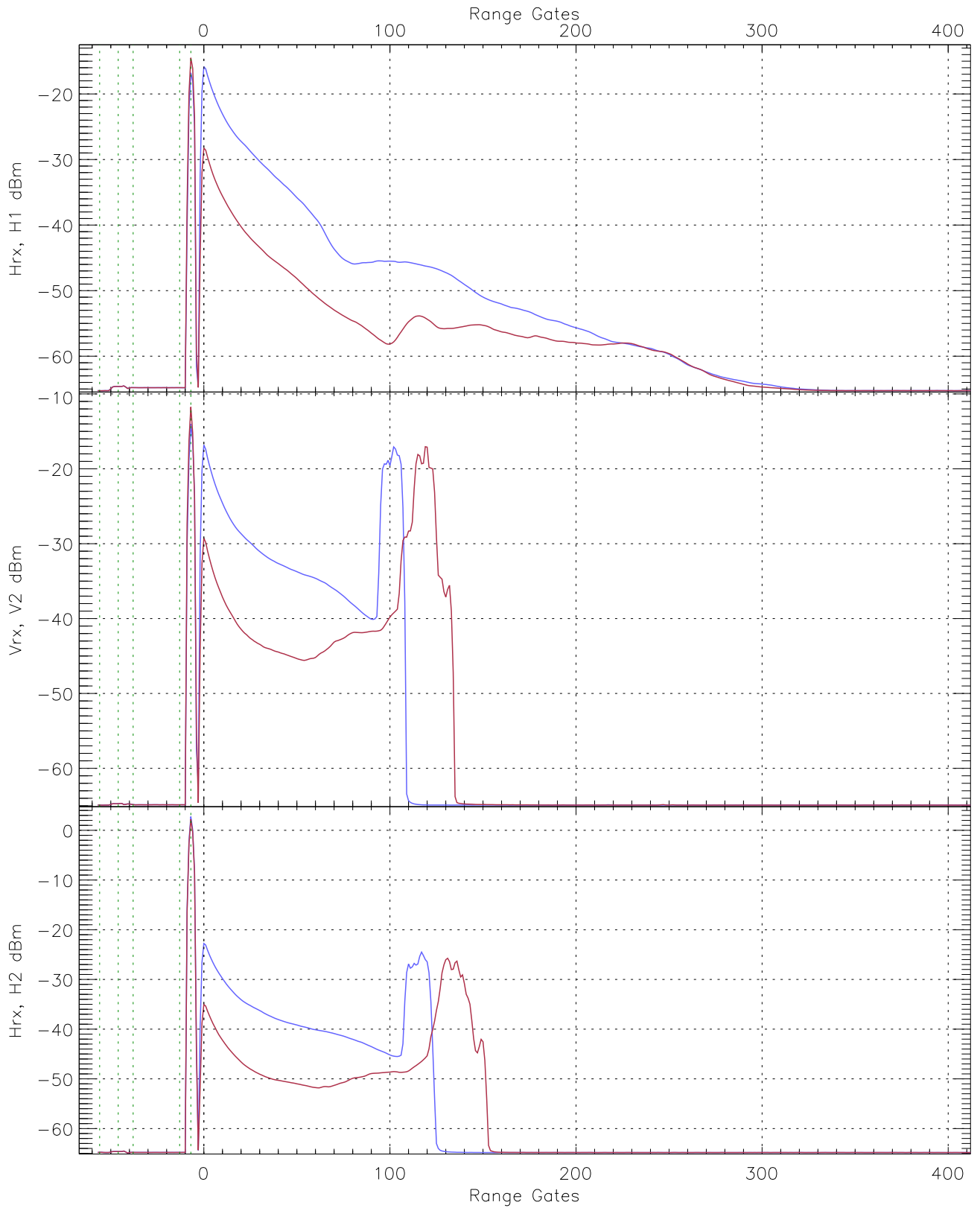
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.42	-64.11	-65.27	-65.27	-76.77
Vrx, V2 (RM [dBm])	-66.22	-63.82	-64.91	-64.92	-76.45
Hrx, H2 (RM [dBm])	-66.14	-63.51	-64.78	-64.79	-76.27

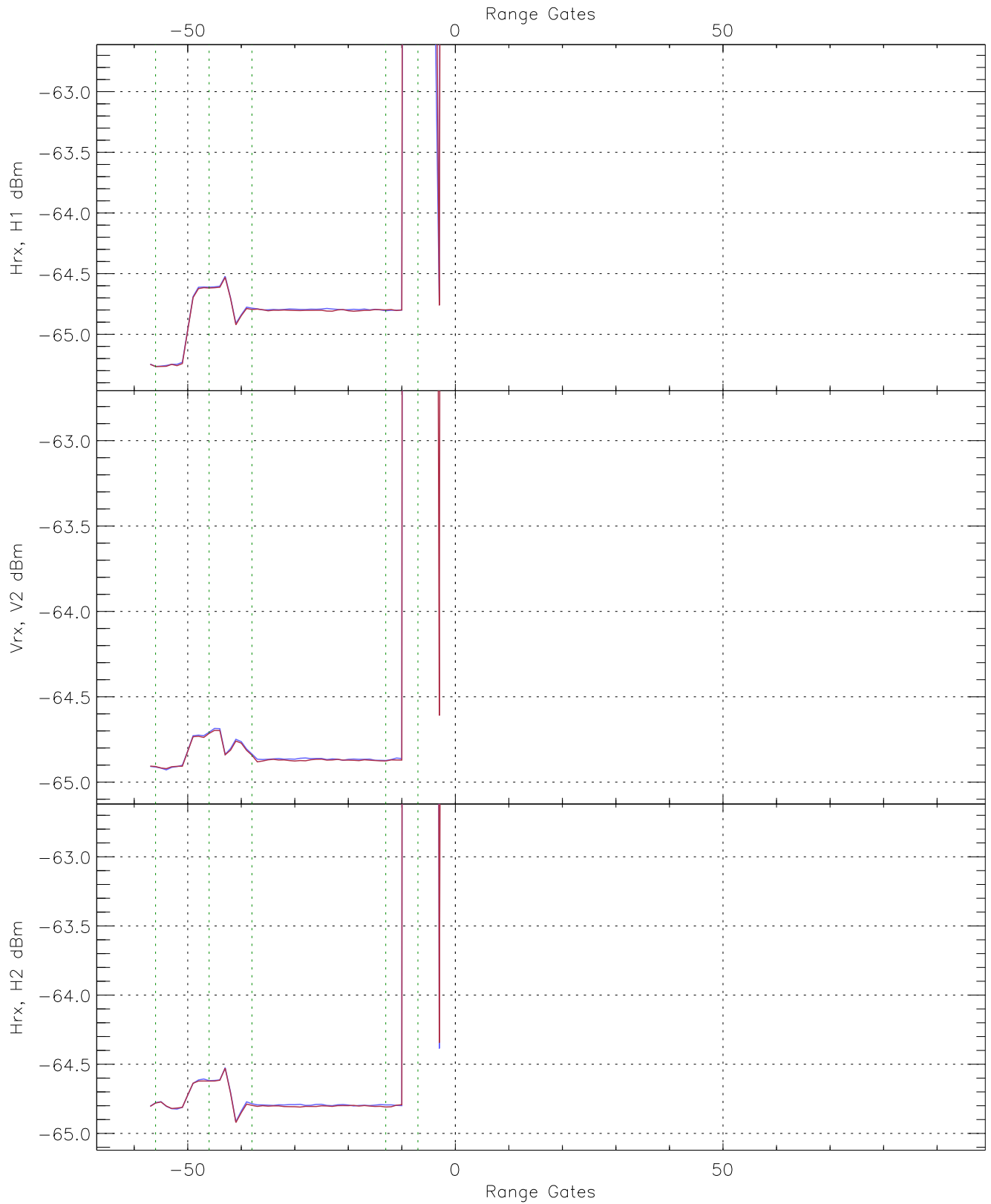


WCR3 CPP "Best" estimate Receivers Noise Power

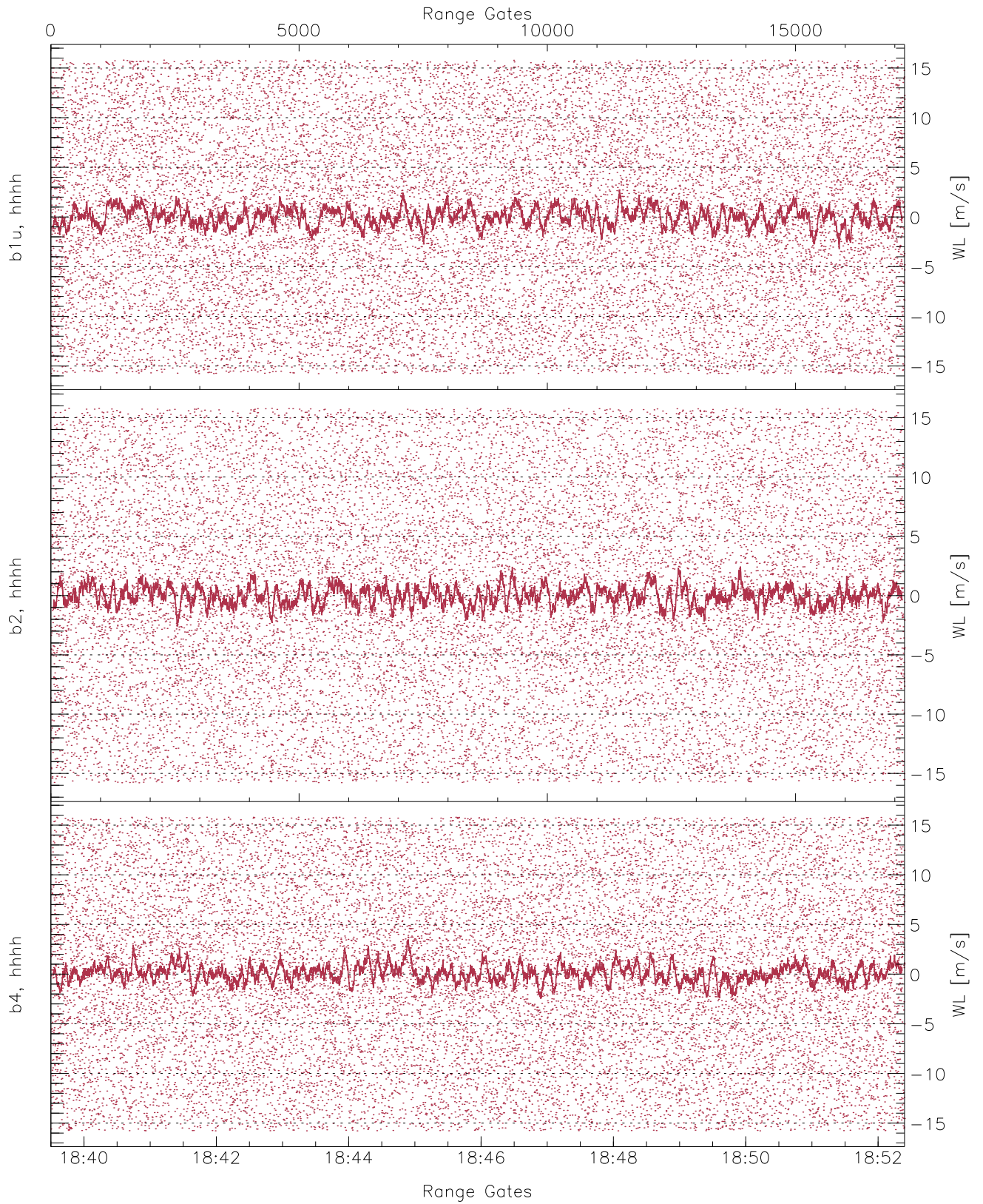
	Min	Max	Mean	Median	StDev
H1RG403_0 [dBm]	-66.47	-63.99	-65.27	-65.27	-76.78
V2RM_0 [dBm]	-66.23	-63.83	-64.92	-64.93	-76.46
H2RG399_0 [dBm]	-65.98	-63.71	-64.83	-64.84	-76.33



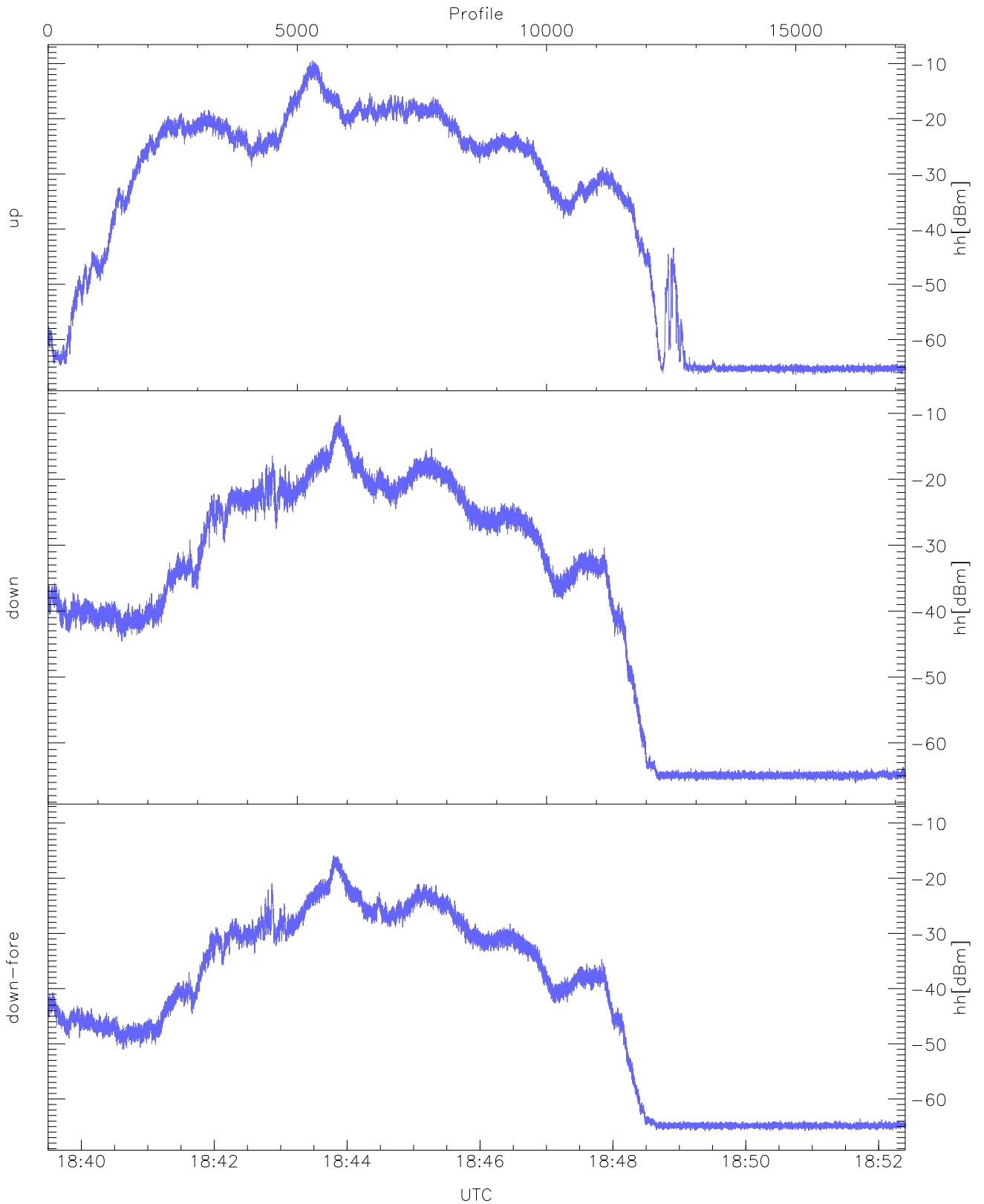
WCR3 CPP Averaged Received power for all recorded gates
blue: 183930-184557, 8599 profiles averaged
red: 184557-185224, 8599 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 183930-184557, 8599 profiles averaged
red: 184557-185224, 8599 profiles averaged

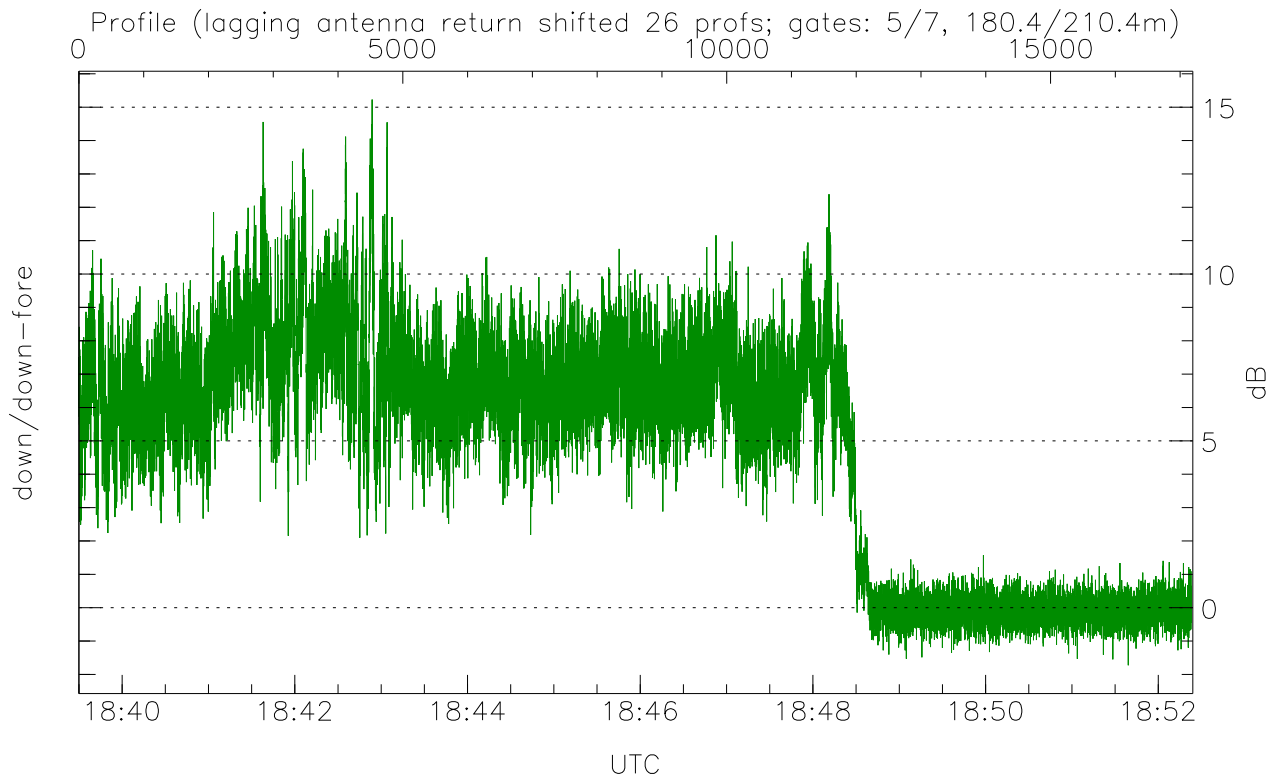
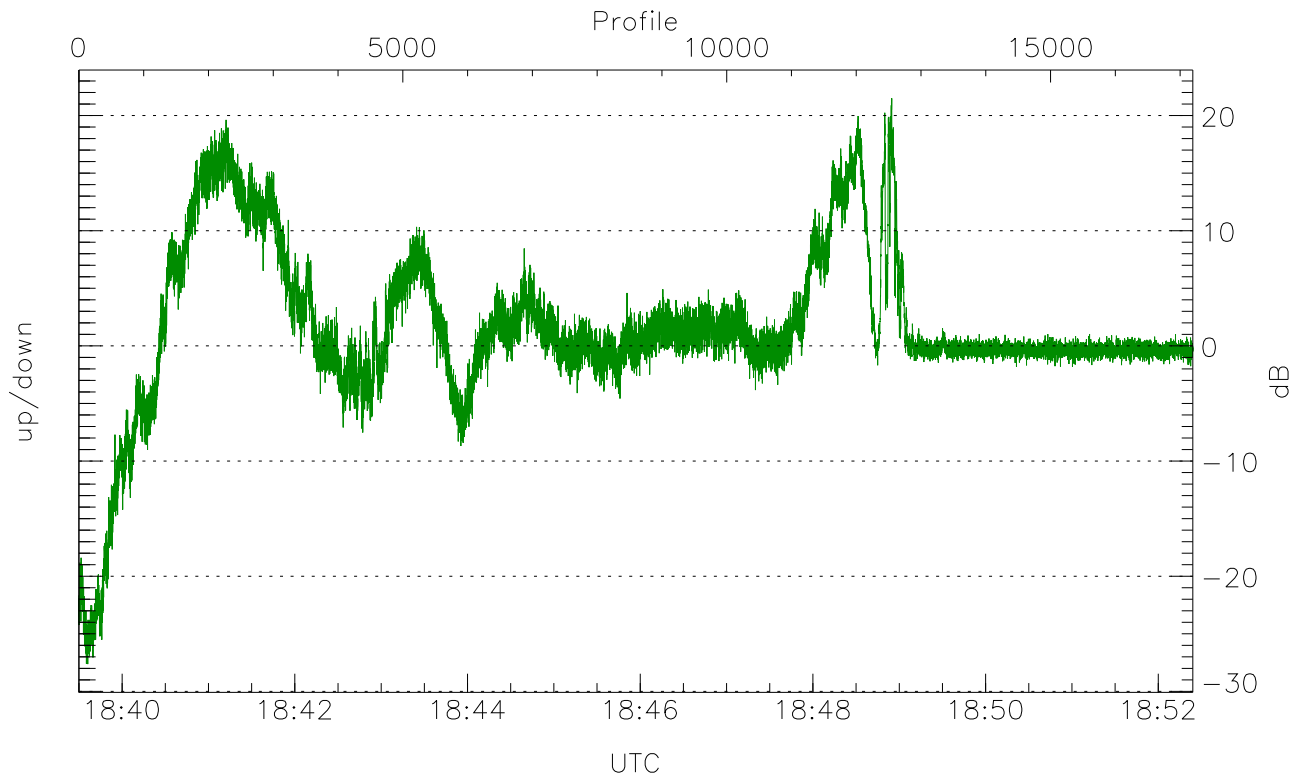


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



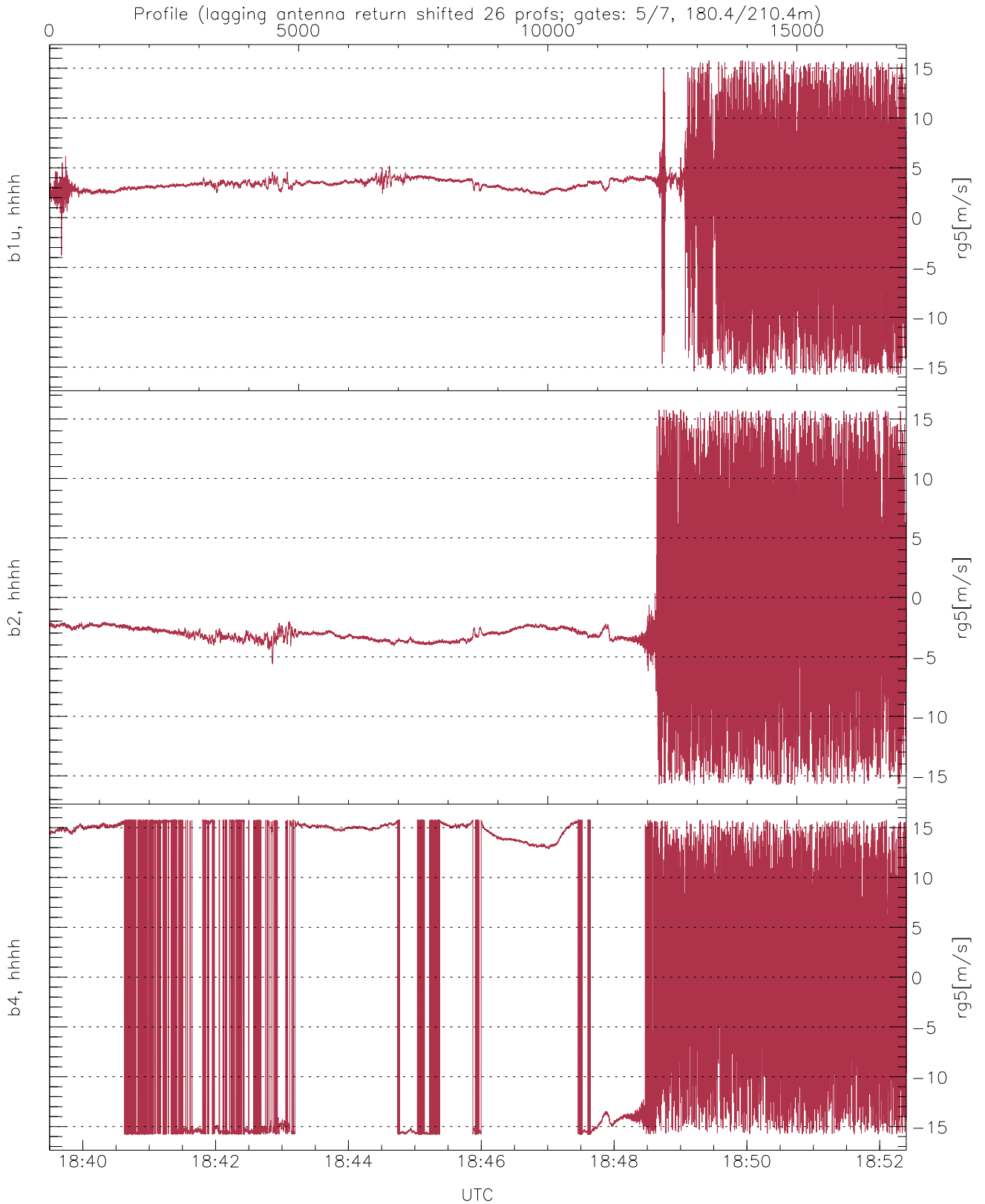
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.43	-9.41	-22.53
down(hh[dBm])	-66.13	-10.26	-24.04
down-fore(hh[dBm])	-65.86	-15.84	-29.44



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

	Min	Max	Mean
up/down (dB)	-27.63	21.49	1.59
down/down-fore (dB)	-1.73	15.23	4.82



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	2.51	4.48
b2, hhhh(rg5[m/s])	-15.76	15.79	-2.20	4.76
b4, hhhh(rg5[m/s])	-15.79	15.79	2.78	13.18