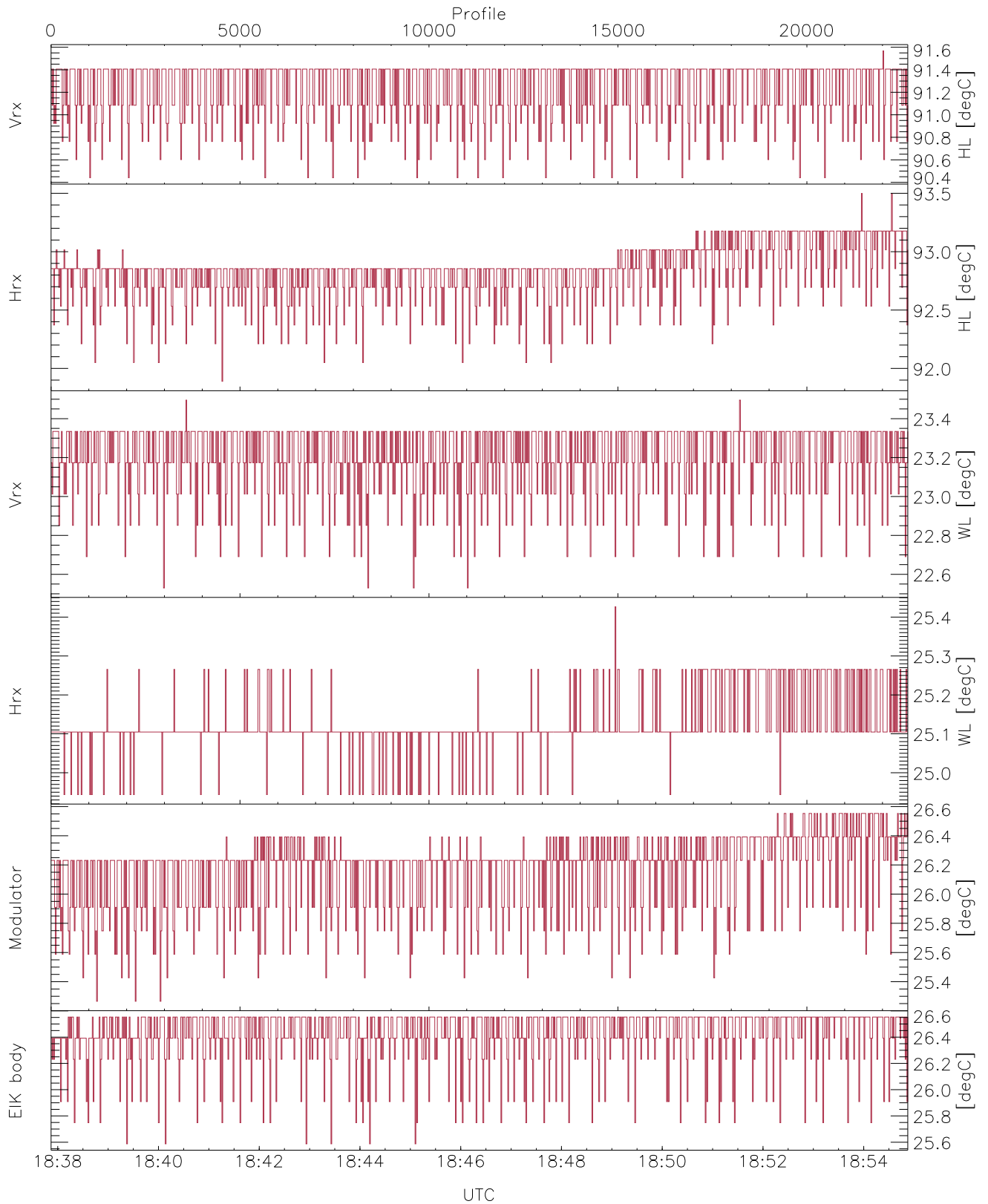


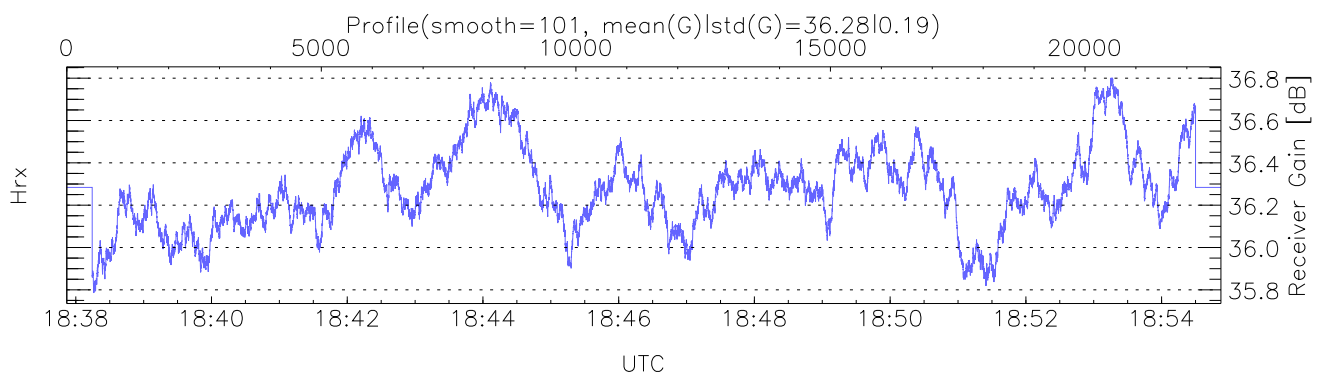
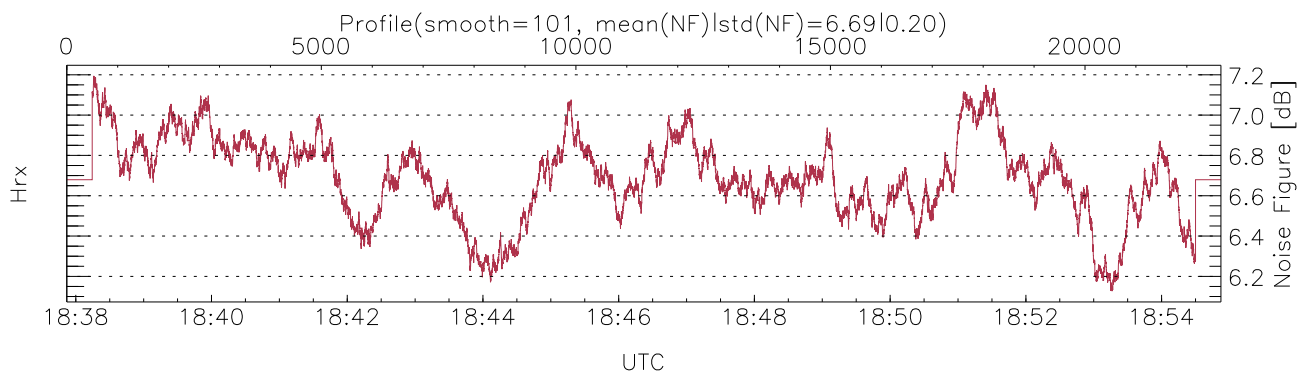
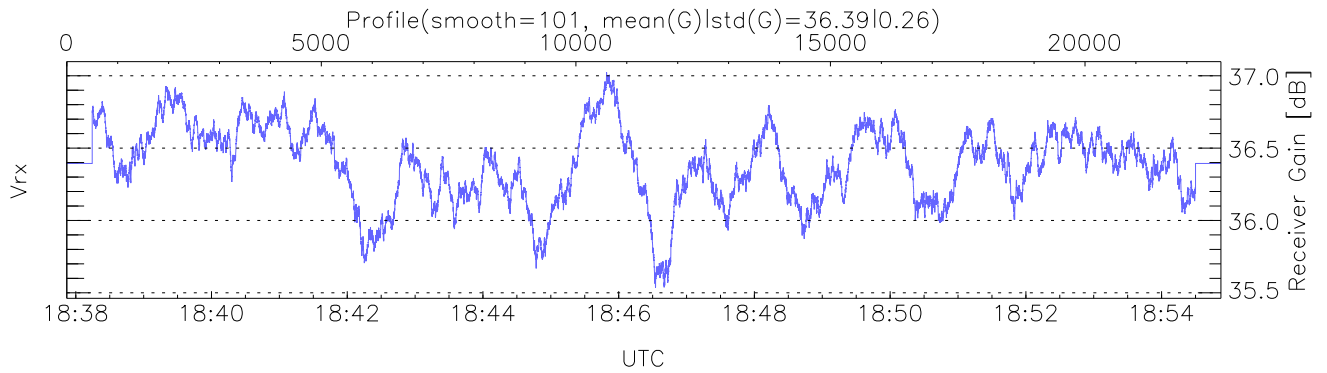
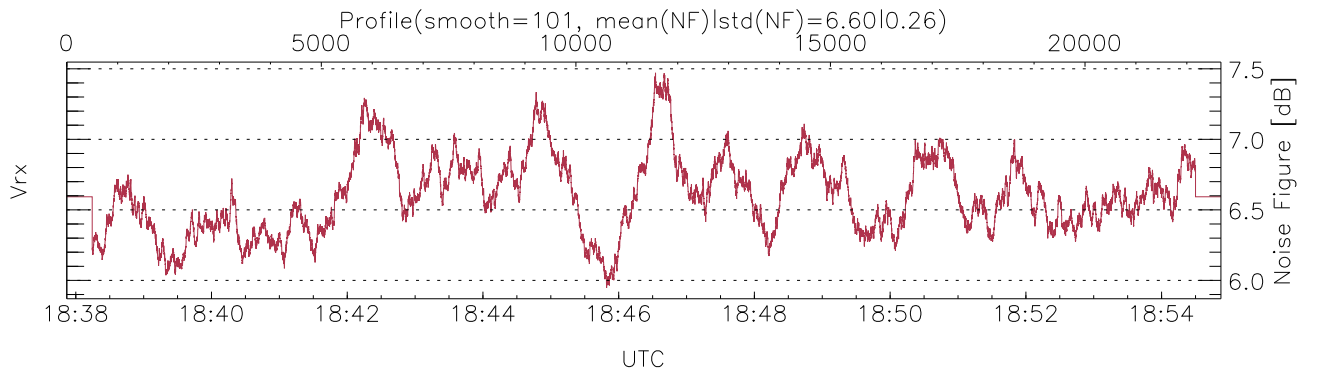
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:37:52-18:54:52, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/18:37:52-18:54:52
 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



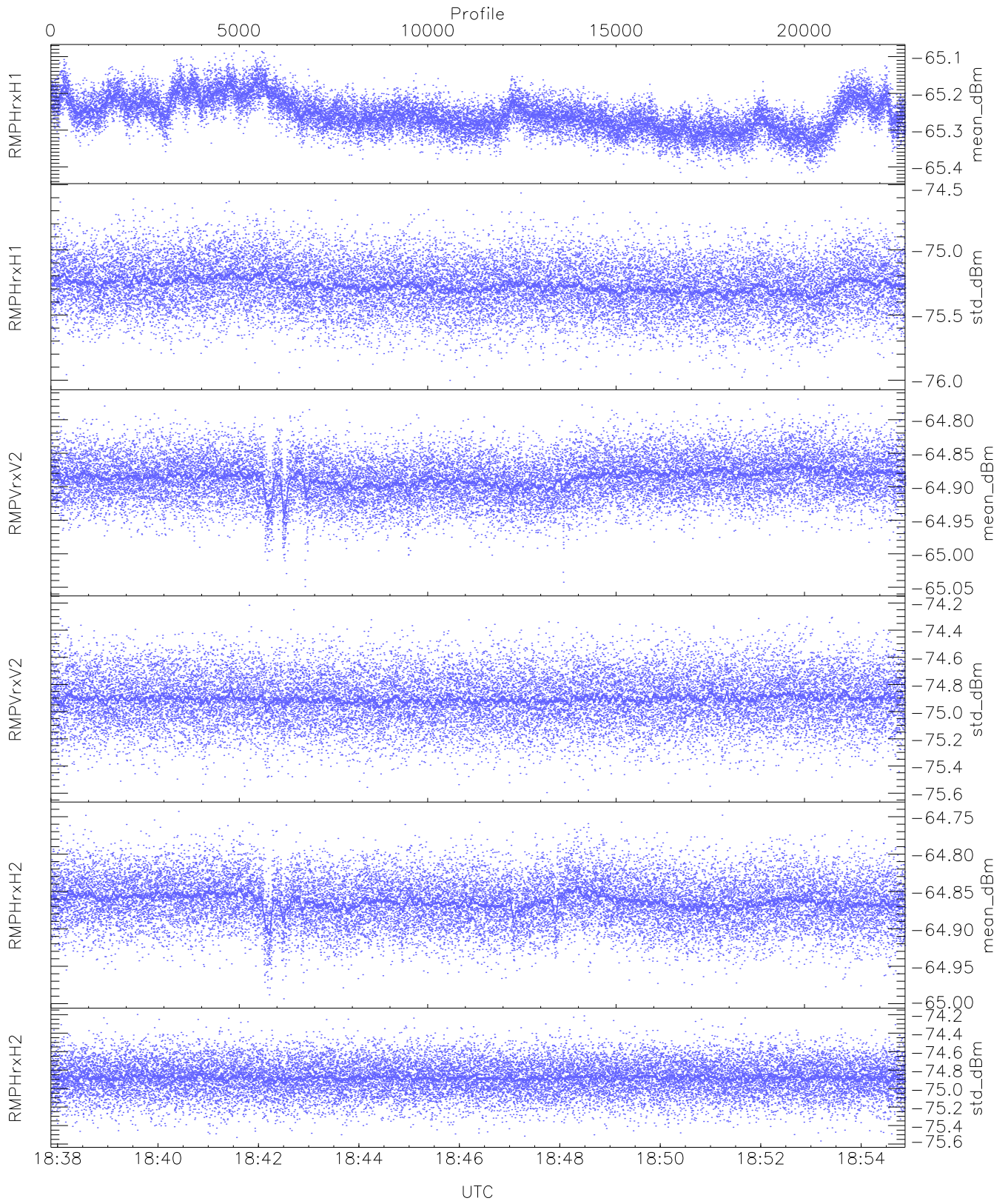
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,26,26
LOalarm(20,240,2817,14861 MHz): 0,0,48,0
EIK/Modulator Faults: None



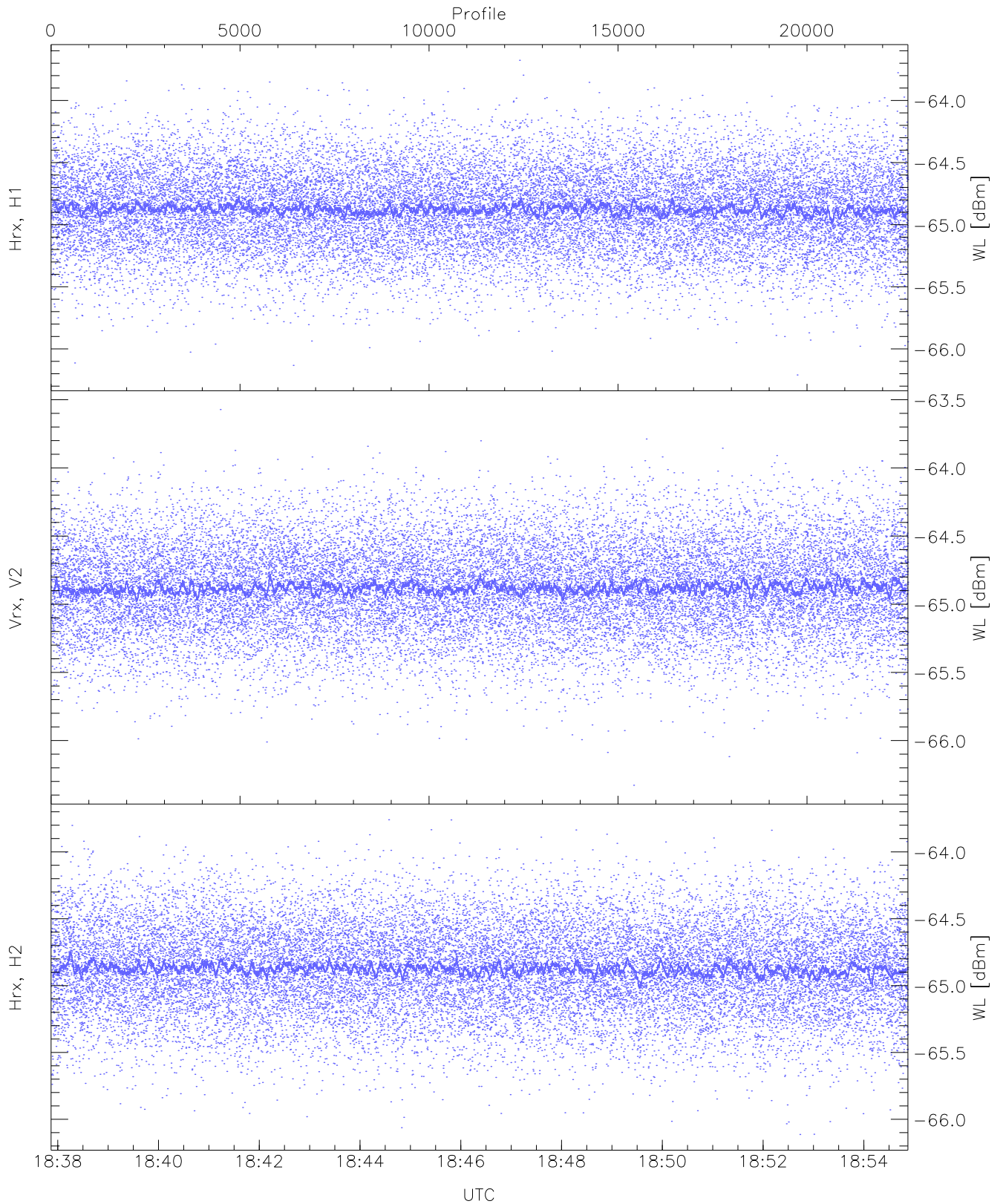
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 232 pixs, 13 gates, 231 profs, 1 prod(s)



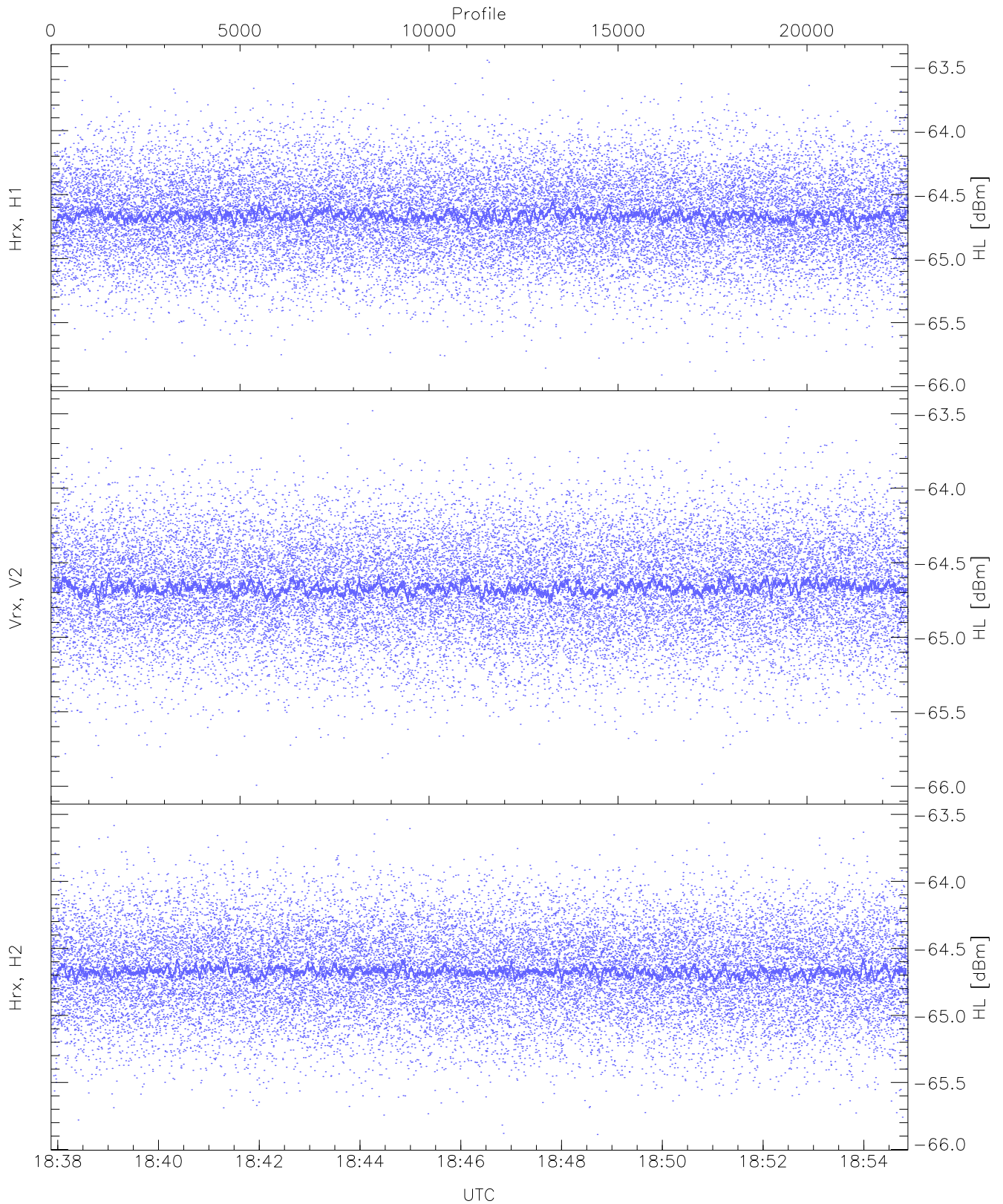
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.08	-65.26	-65.26	-84.76
RMPHrxH1(std_dBm)	-76.00	-74.56	-75.27	-75.27	-88.95
RMPVrxV2(mean_dBm)	-65.05	-64.77	-64.89	-64.89	-86.21
RMPVrxV2(std_dBm)	-75.60	-74.22	-74.90	-74.91	-88.69
RMPHrxH2(mean_dBm)	-64.99	-64.74	-64.86	-64.86	-86.29
RMPHrxH2(std_dBm)	-75.57	-74.20	-74.88	-74.88	-88.65



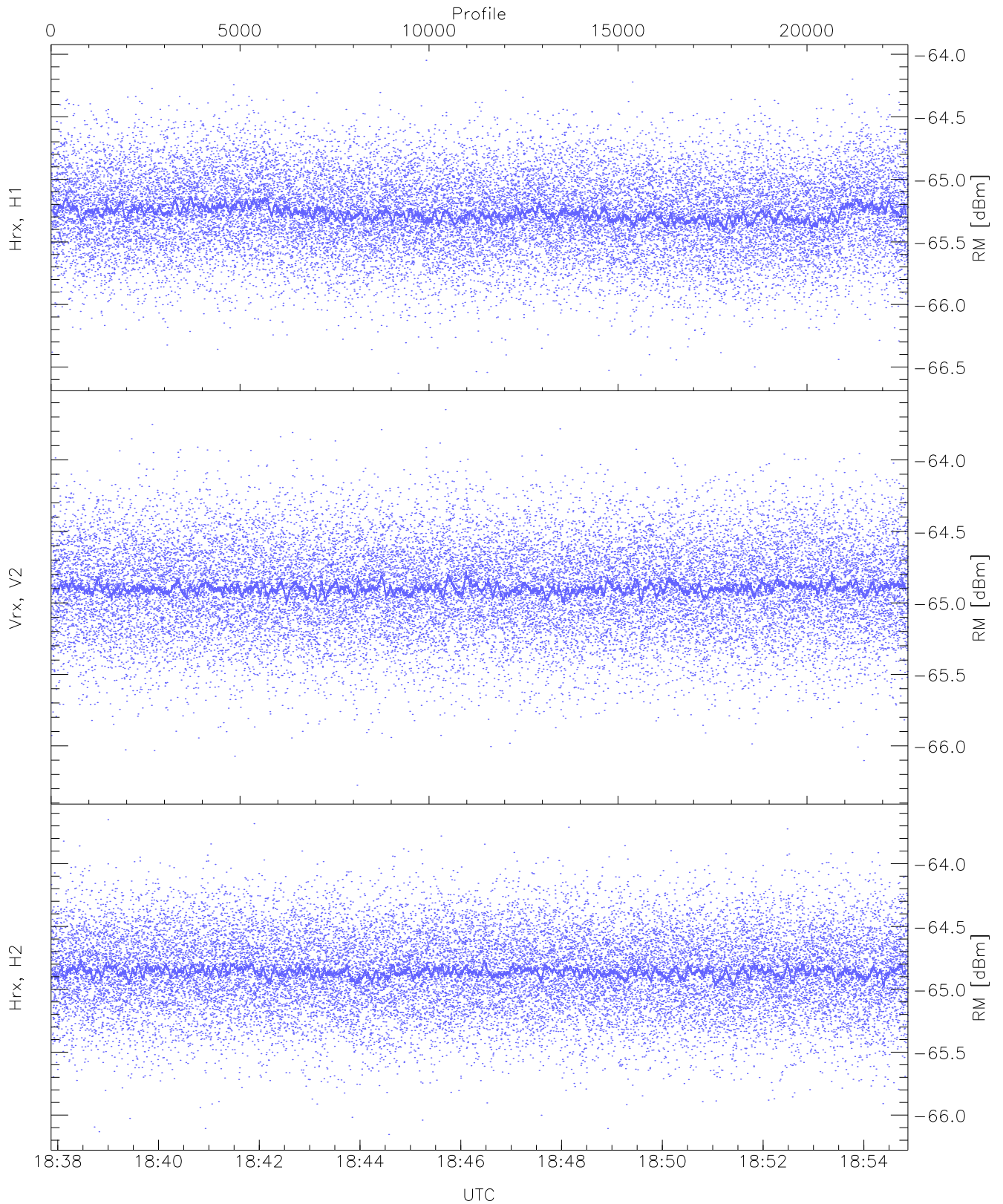
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.21	-63.68	-64.87	-64.87	-76.39
Vrx, V2 (WL [dBm])	-66.33	-63.57	-64.87	-64.88	-76.35
Hrx, H2 (WL [dBm])	-66.11	-63.76	-64.87	-64.88	-76.33



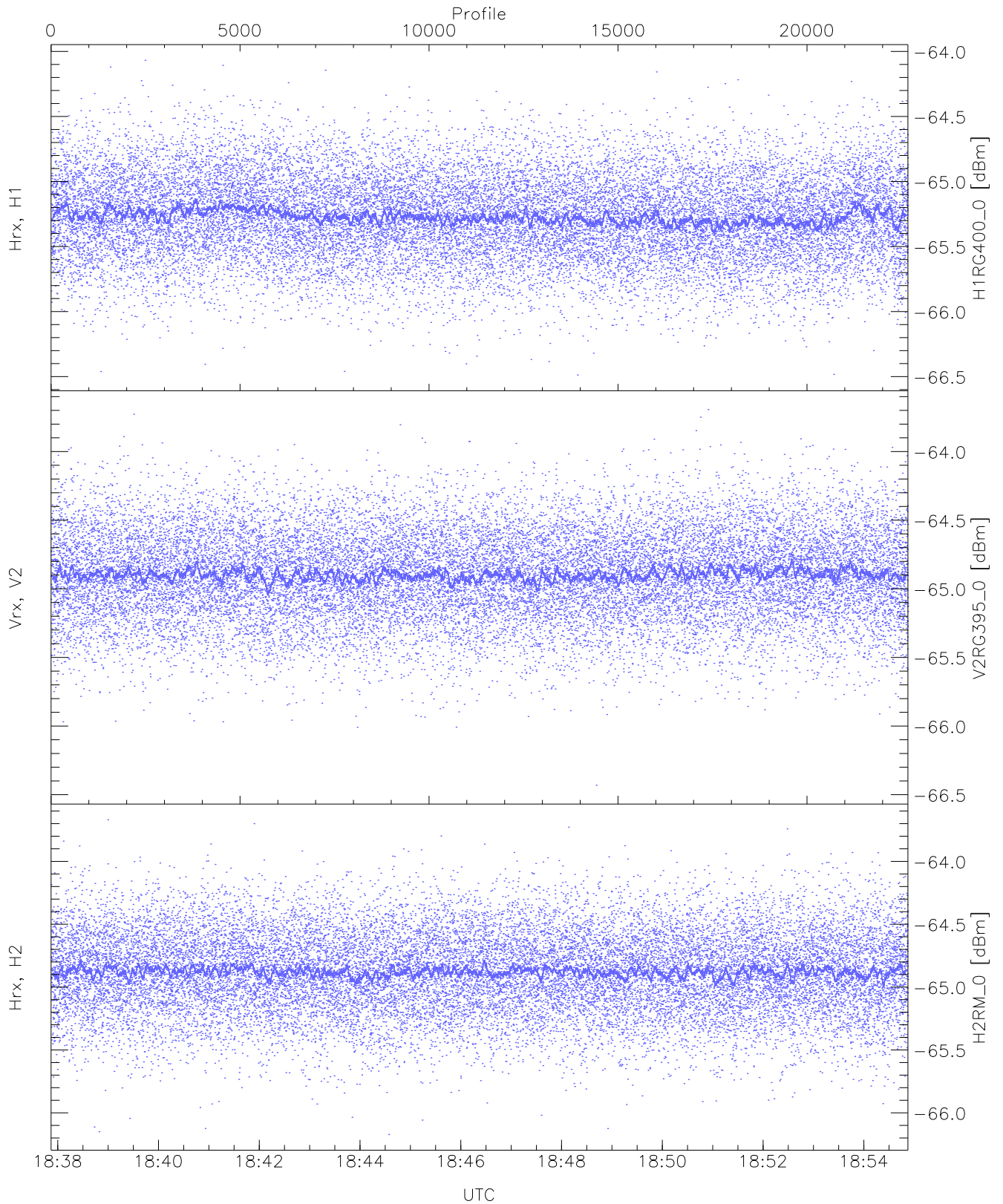
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.91	-63.45	-64.66	-64.67	-76.17
Vrx, V2 (HL [dBm])	-65.99	-63.47	-64.66	-64.67	-76.15
Hrx, H2 (HL [dBm])	-65.89	-63.54	-64.67	-64.68	-76.16



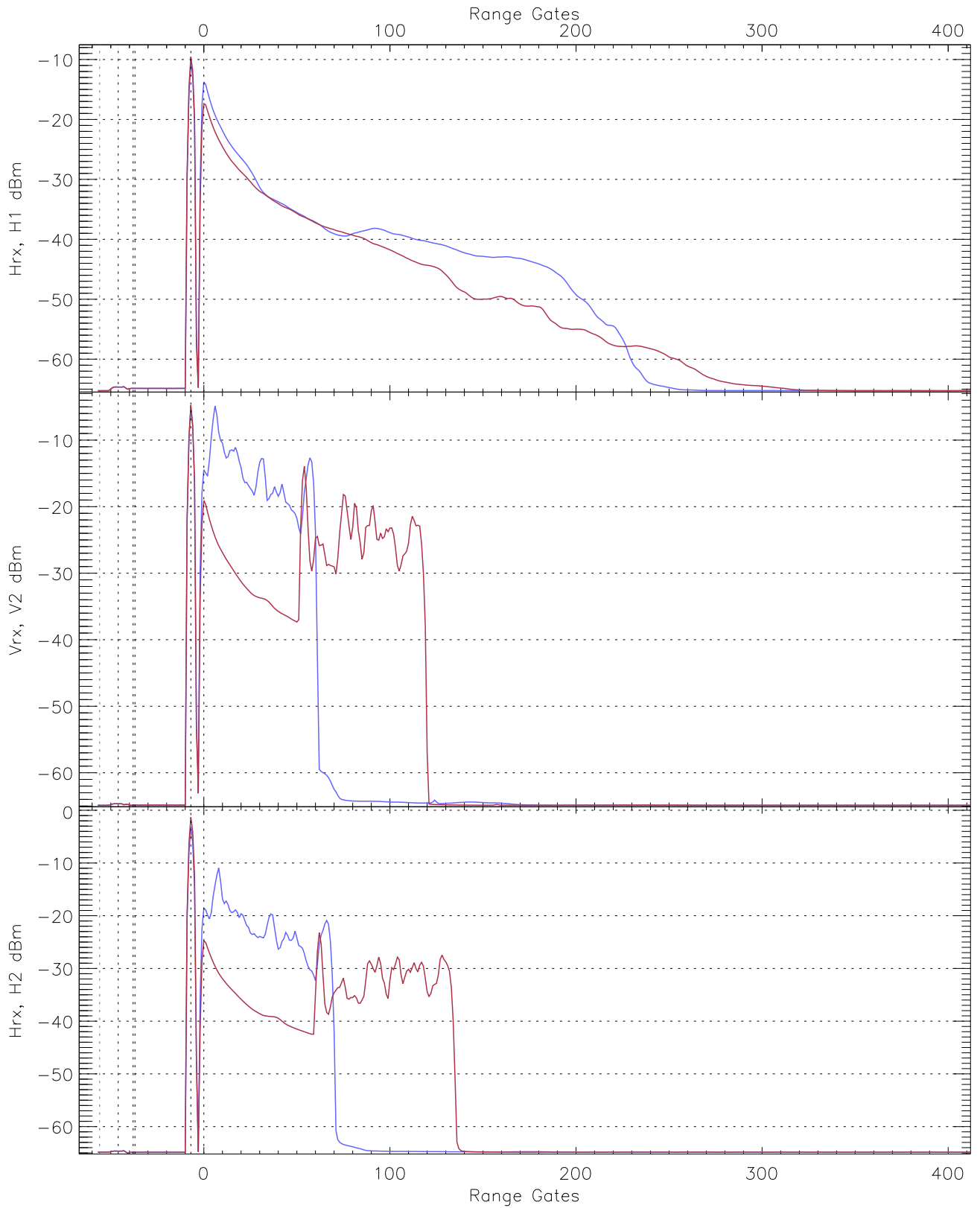
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.56	-64.05	-65.26	-65.27	-76.72
Vrx, V2(RM [dBm])	-66.28	-63.65	-64.89	-64.90	-76.42
Hrx, H2(RM [dBm])	-66.15	-63.65	-64.85	-64.86	-76.35

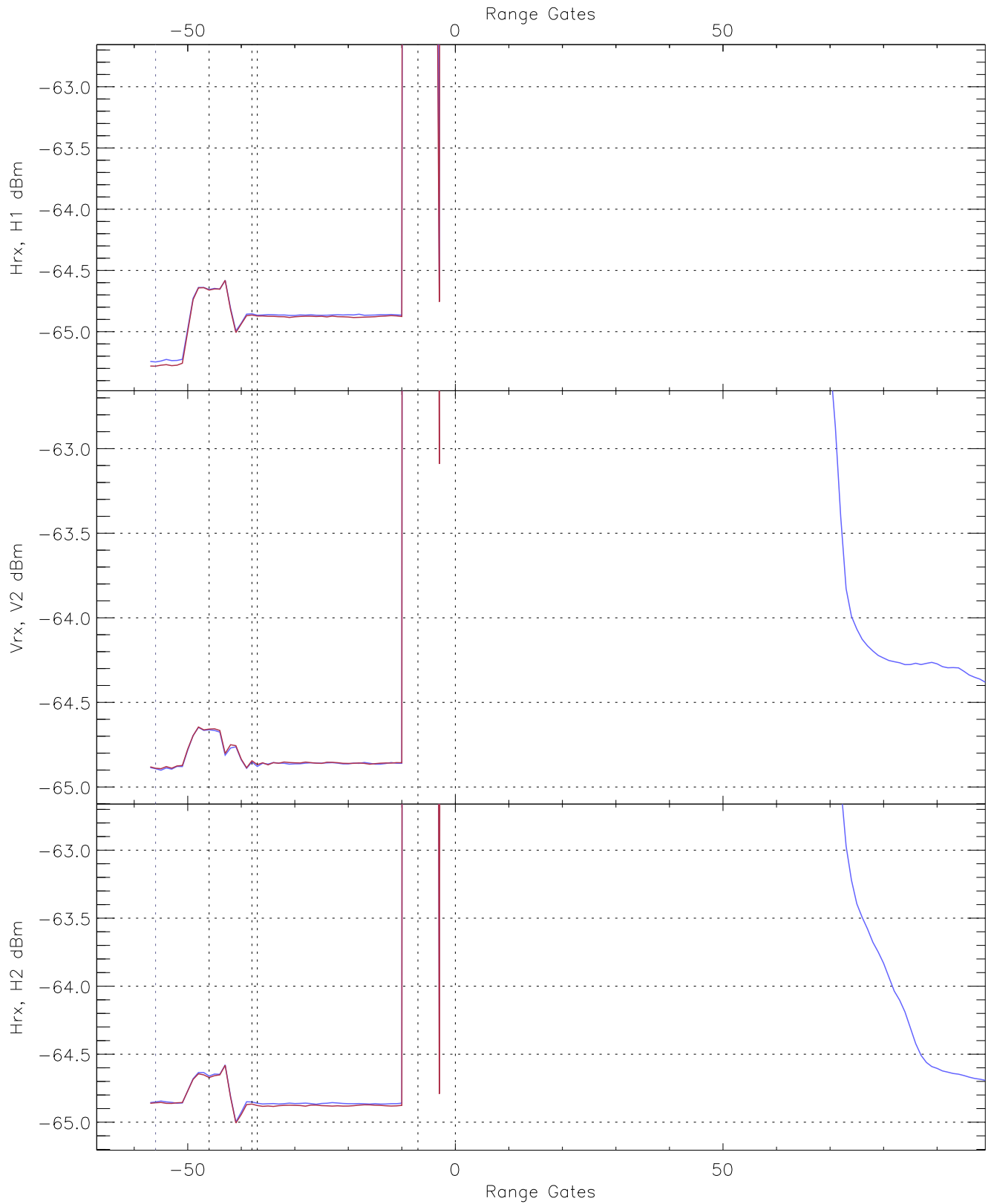


WCR3 CPP "Best" estimate Receivers Noise Power

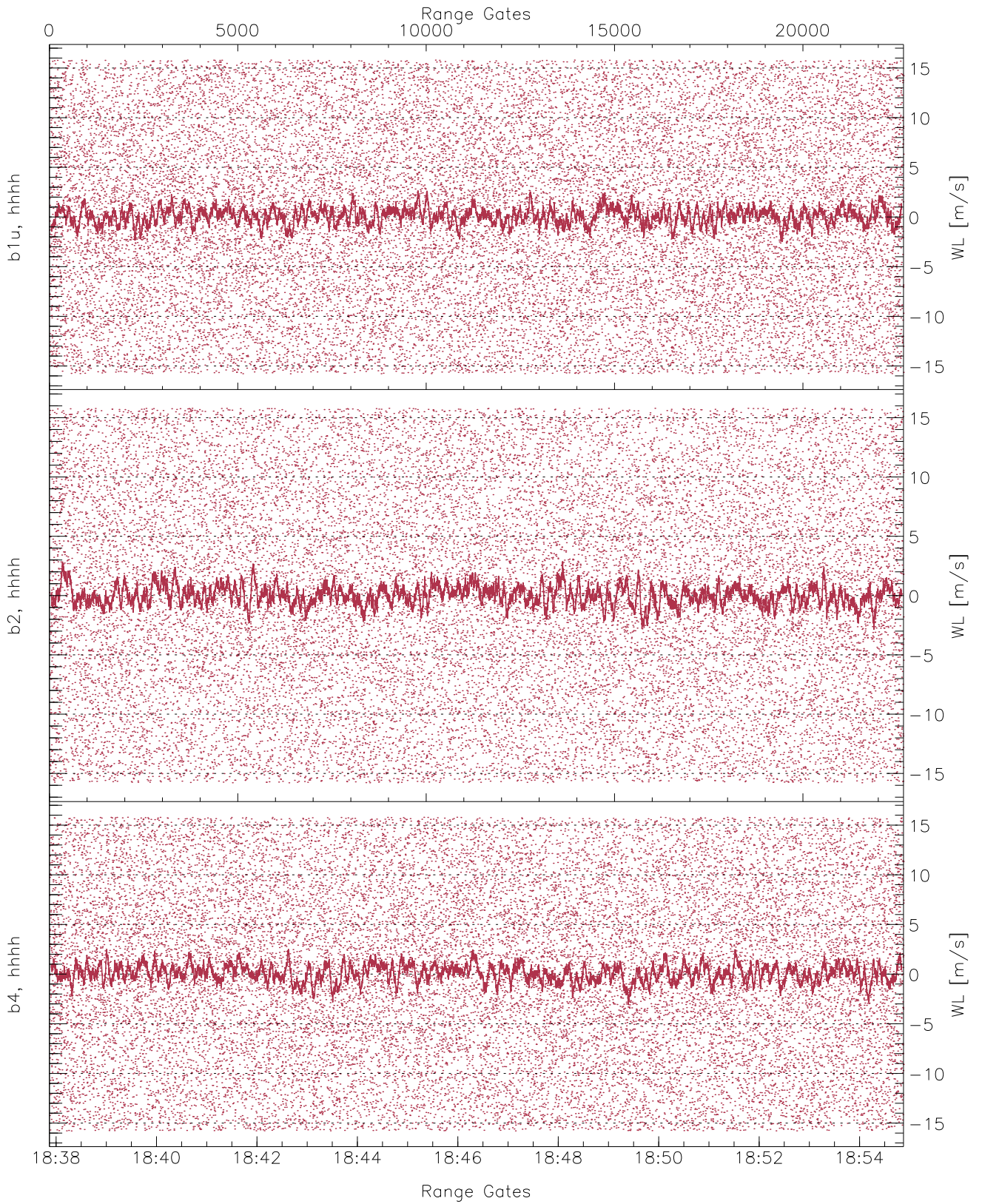
	Min	Max	Mean	Median	StDev
H1RG400_0 [dBm]	-66.49	-64.07	-65.26	-65.27	-76.74
V2RG395_0 [dBm]	-66.43	-63.69	-64.89	-64.90	-76.41
H2RM_0 [dBm]	-66.17	-63.67	-64.87	-64.88	-76.37



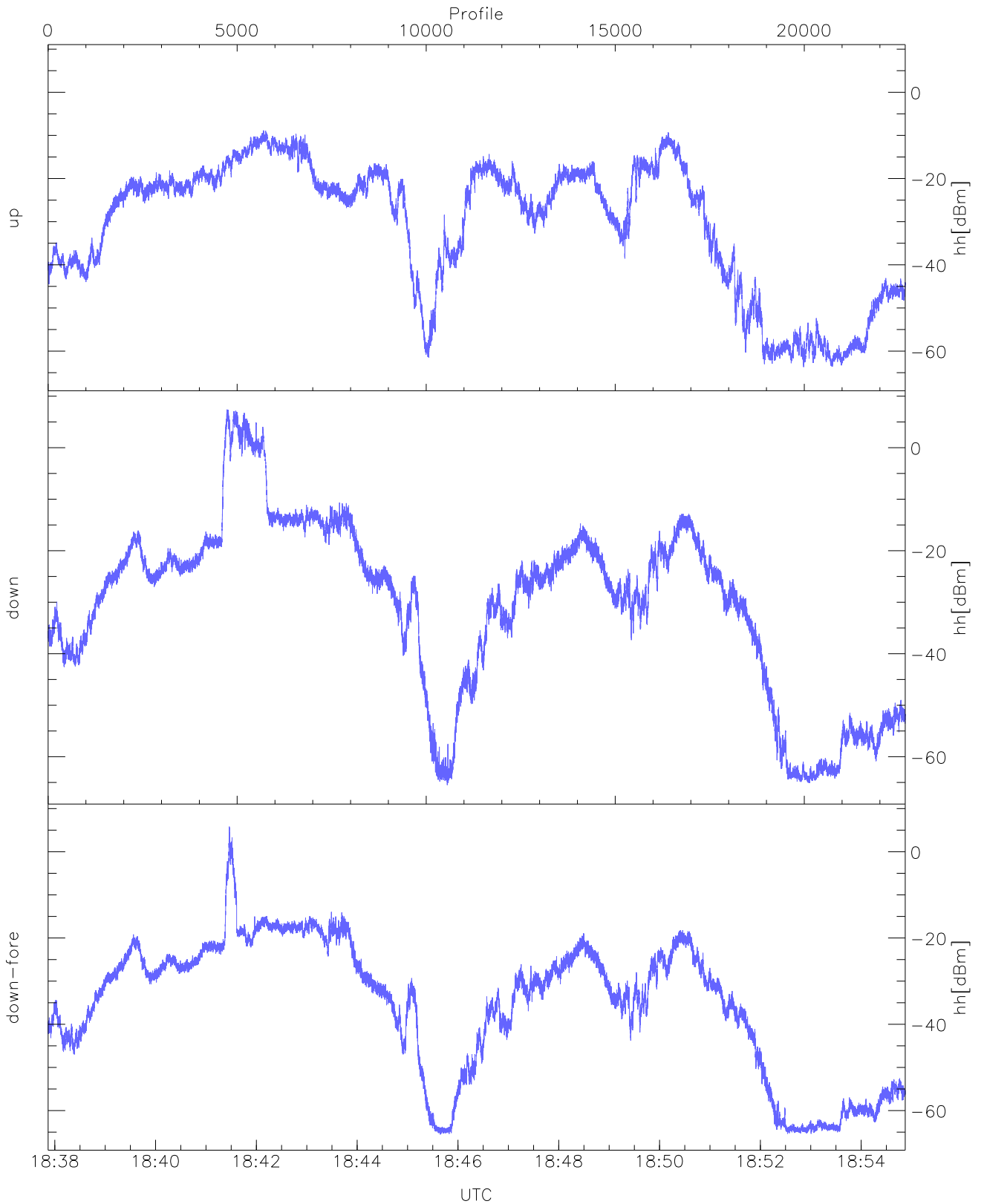
WCR3 CPP Averaged Received power for all recorded gates
blue: 183752-184622, 11337 profiles averaged
red: 184622-185452, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 183752-184622, 11337 profiles averaged
red: 184622-185452, 11336 profiles averaged

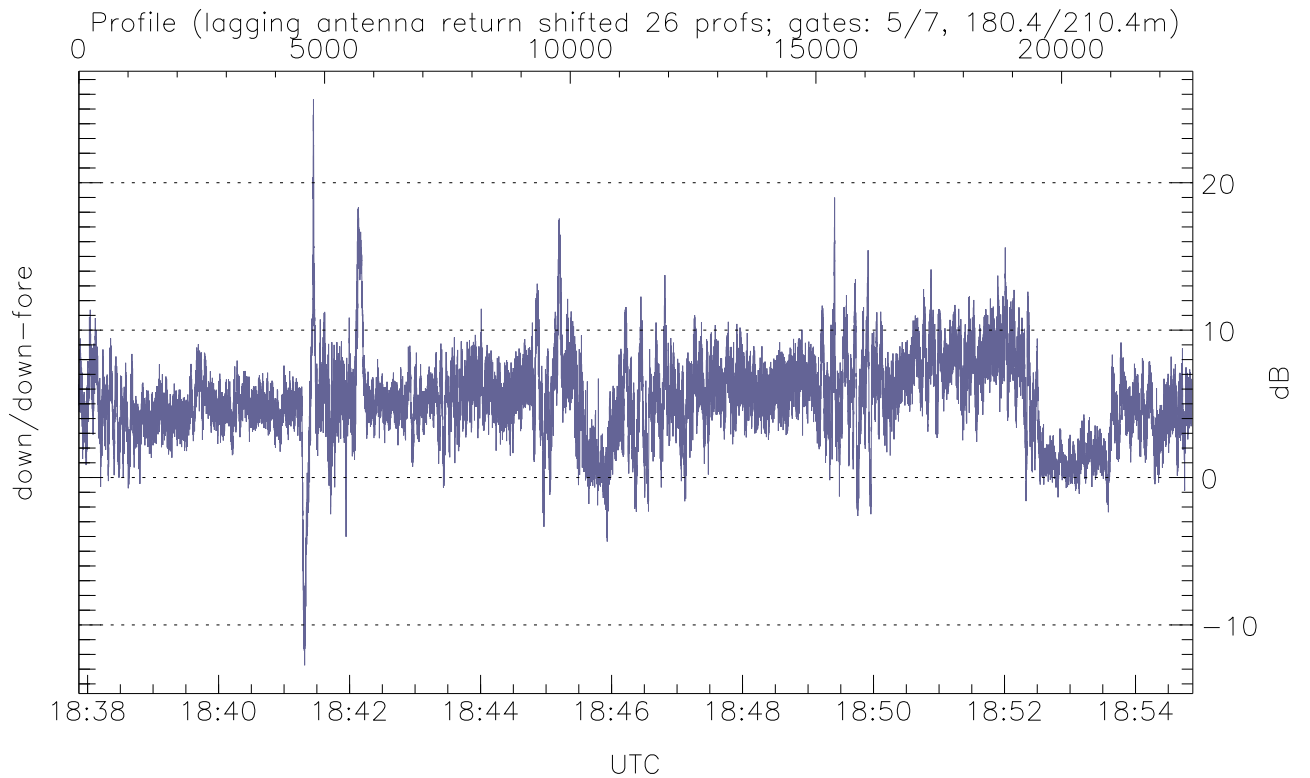
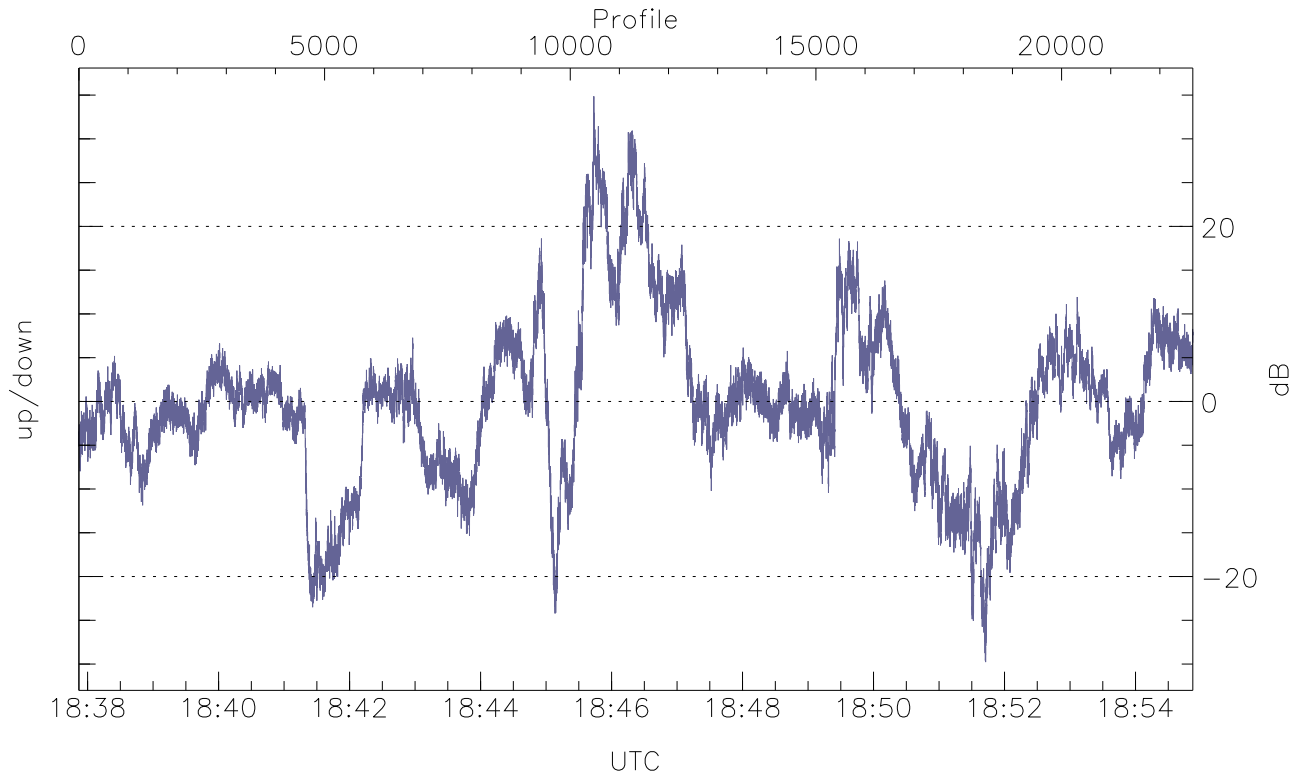


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



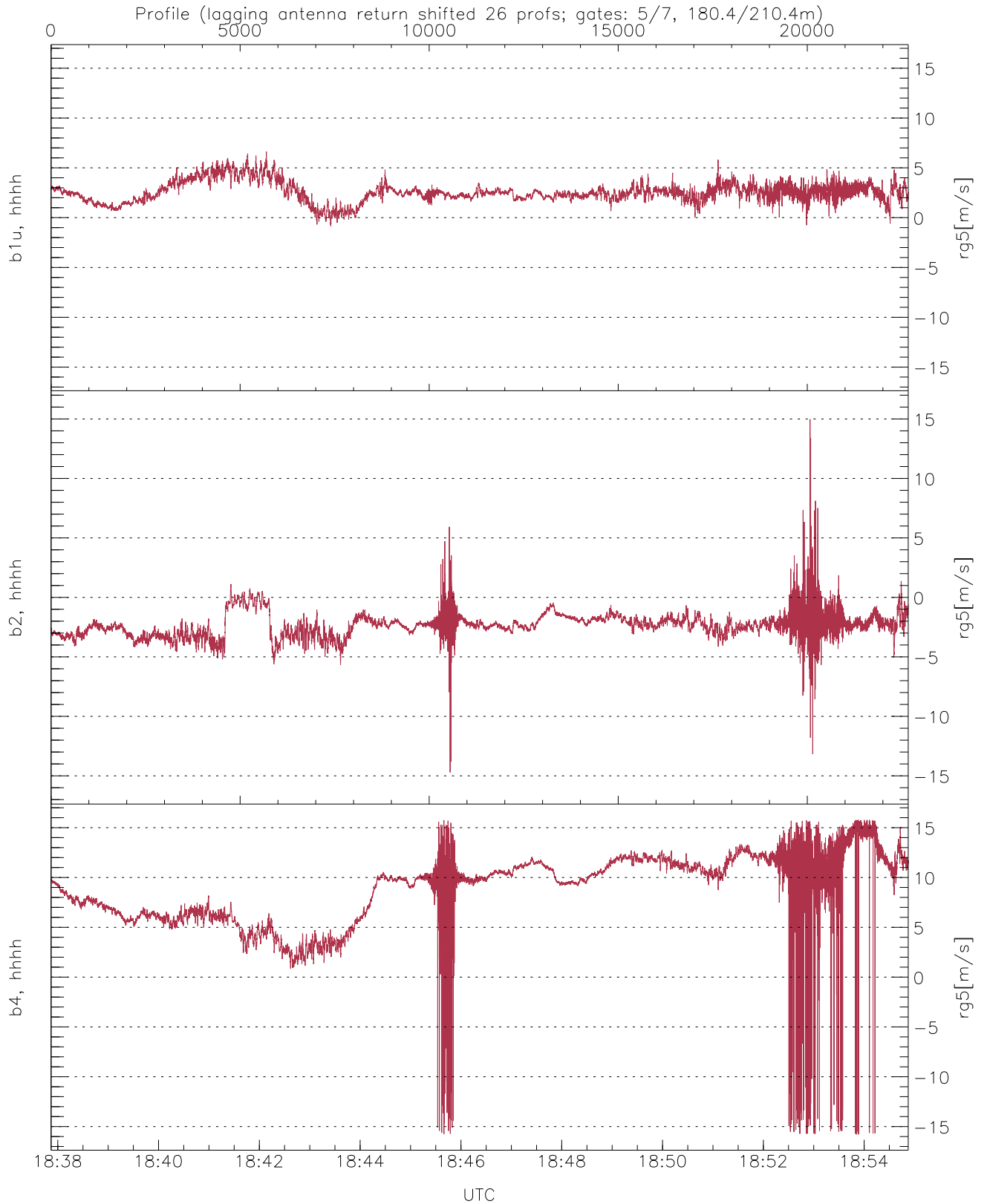
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-63.70	-8.84	-19.64
down(hh[dBm])	-65.49	7.41	-9.85
down-fore(hh[dBm])	-65.54	5.83	-19.12



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

	Min	Max	Mean
up/down (dB)	-29.77	34.86	-0.22
down/down-fore (dB)	-12.74	25.65	5.25



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.89	6.63	2.54	1.02
b2, hhhh(rg5[m/s])	-14.71	14.98	-2.32	1.01
b4, hhhh(rg5[m/s])	-15.79	15.79	8.80	3.63