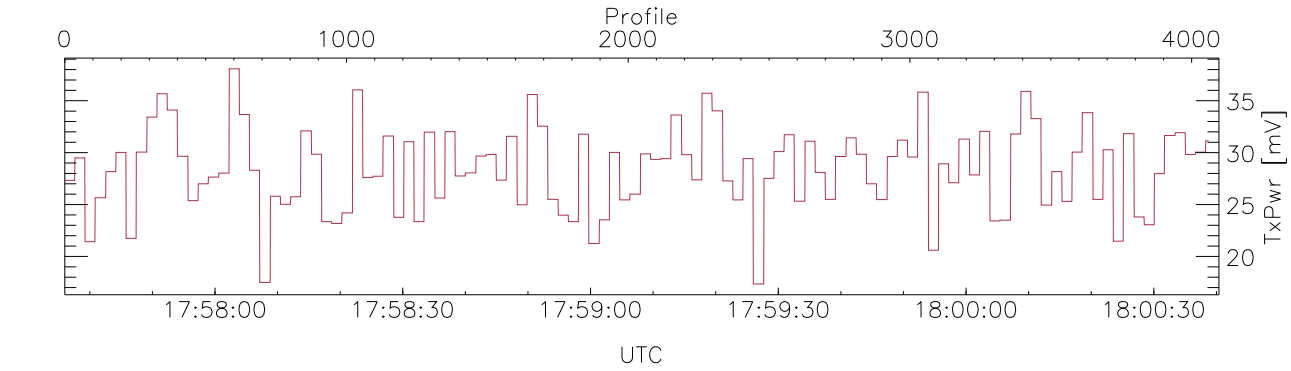
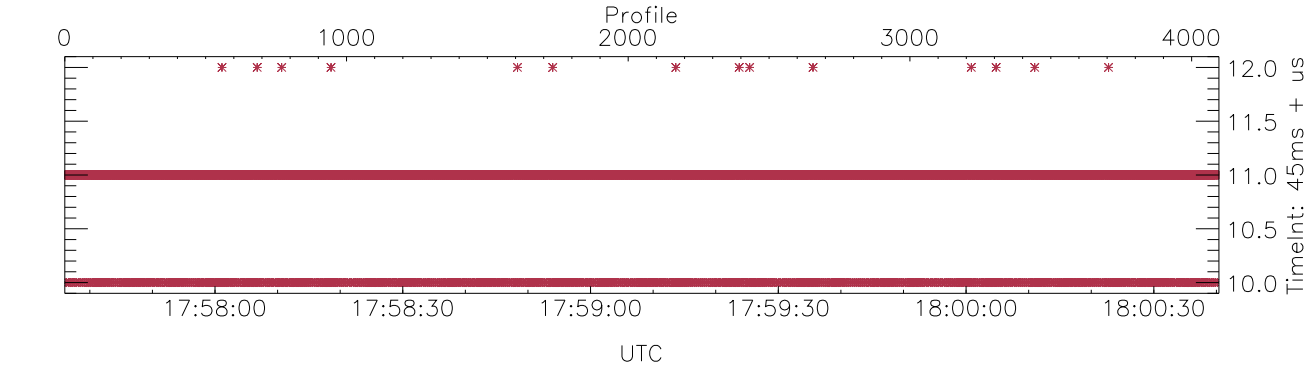
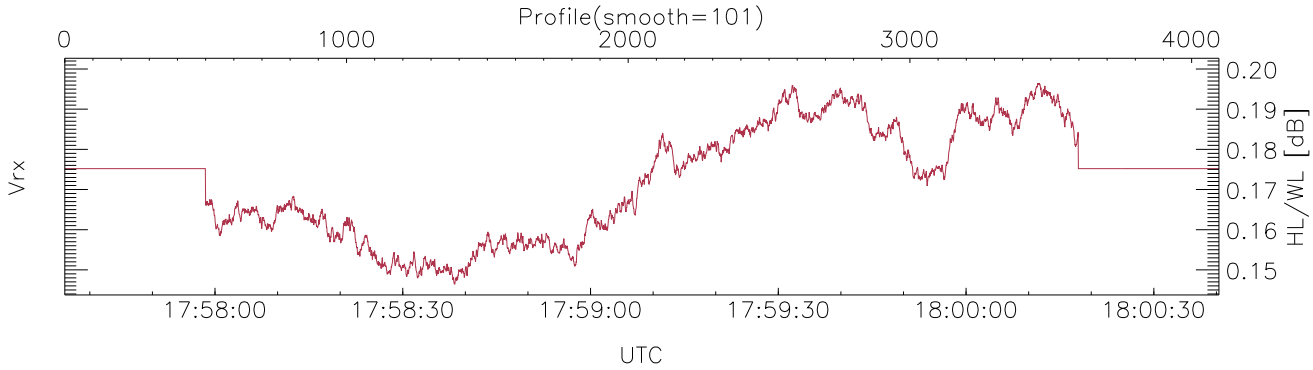
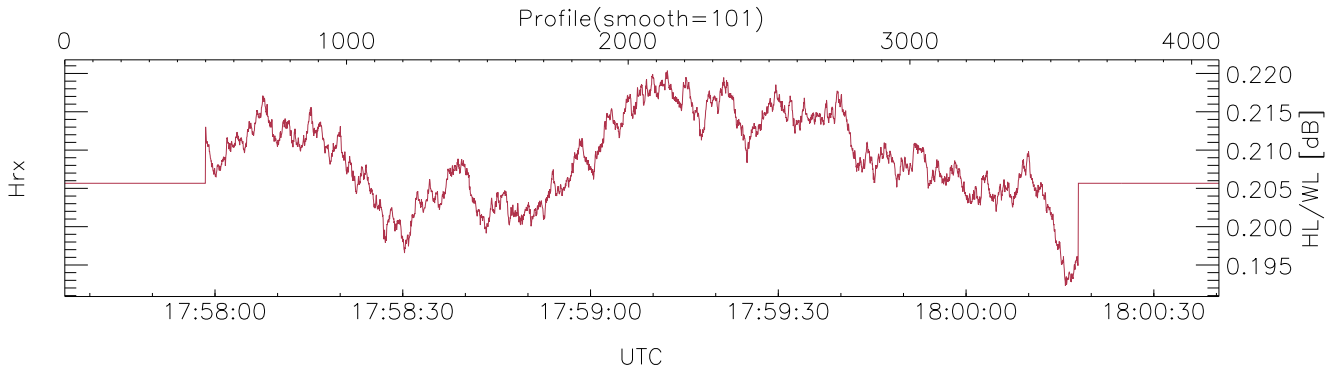


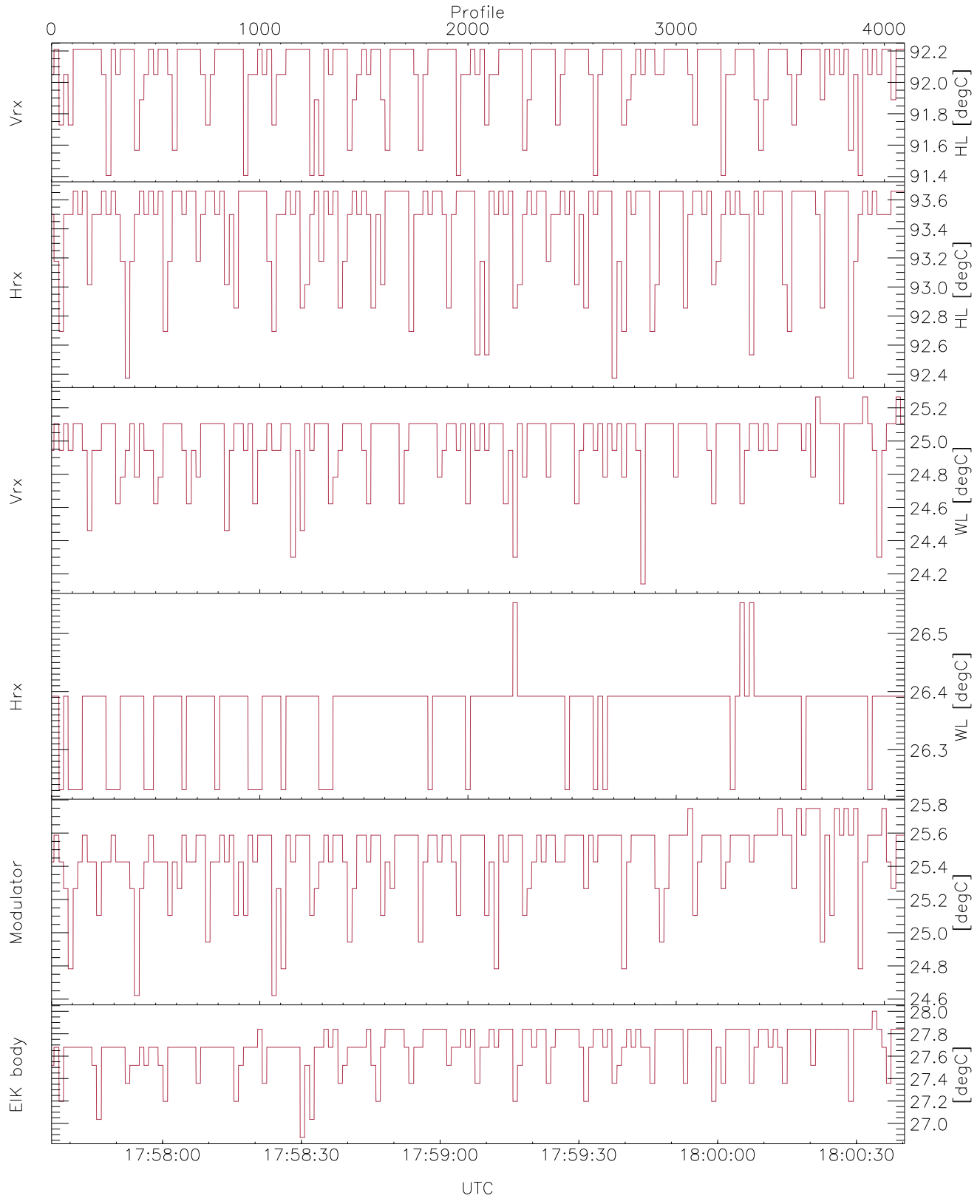






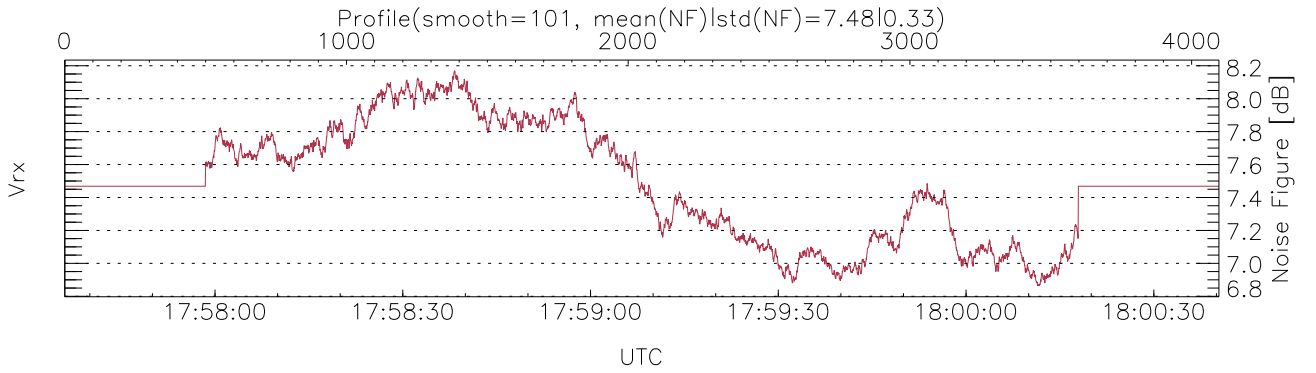
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

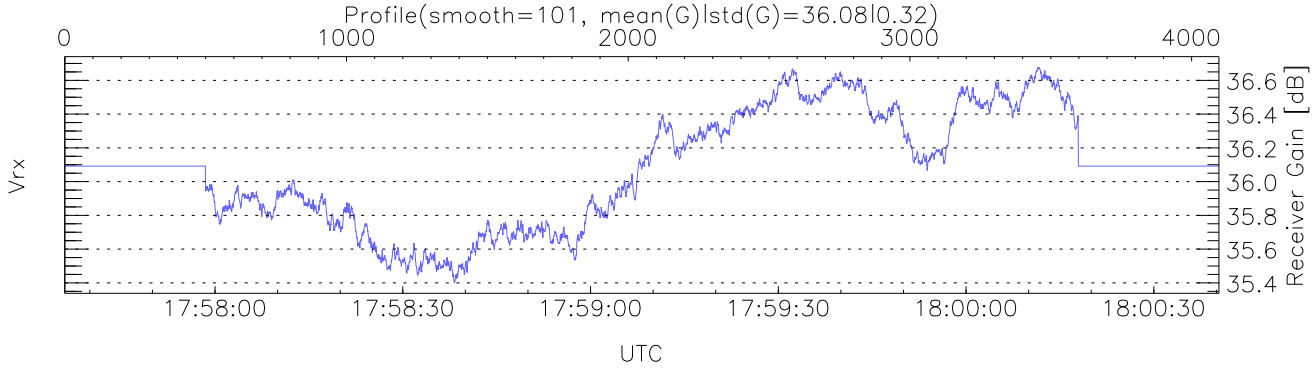
UTC: 17:57:36-18:00:40, TimeCor: 0.00s, Dur: 184.41s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 4098/4098, 0-4097/17:57:36-18:00:40
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

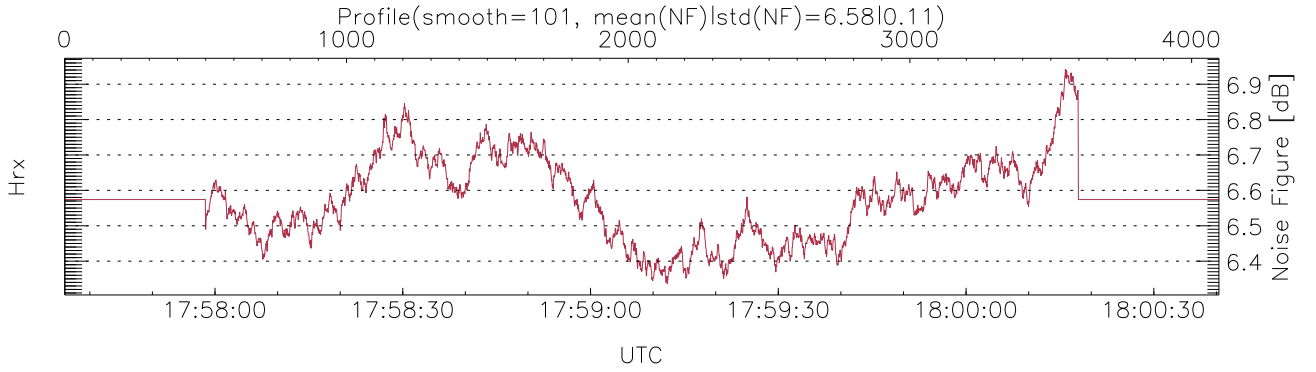


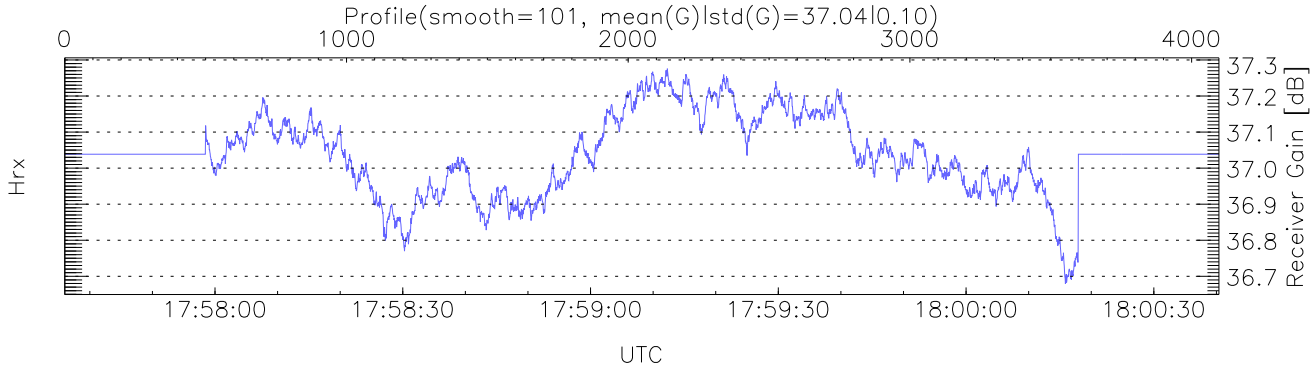
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,24,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,25,28
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



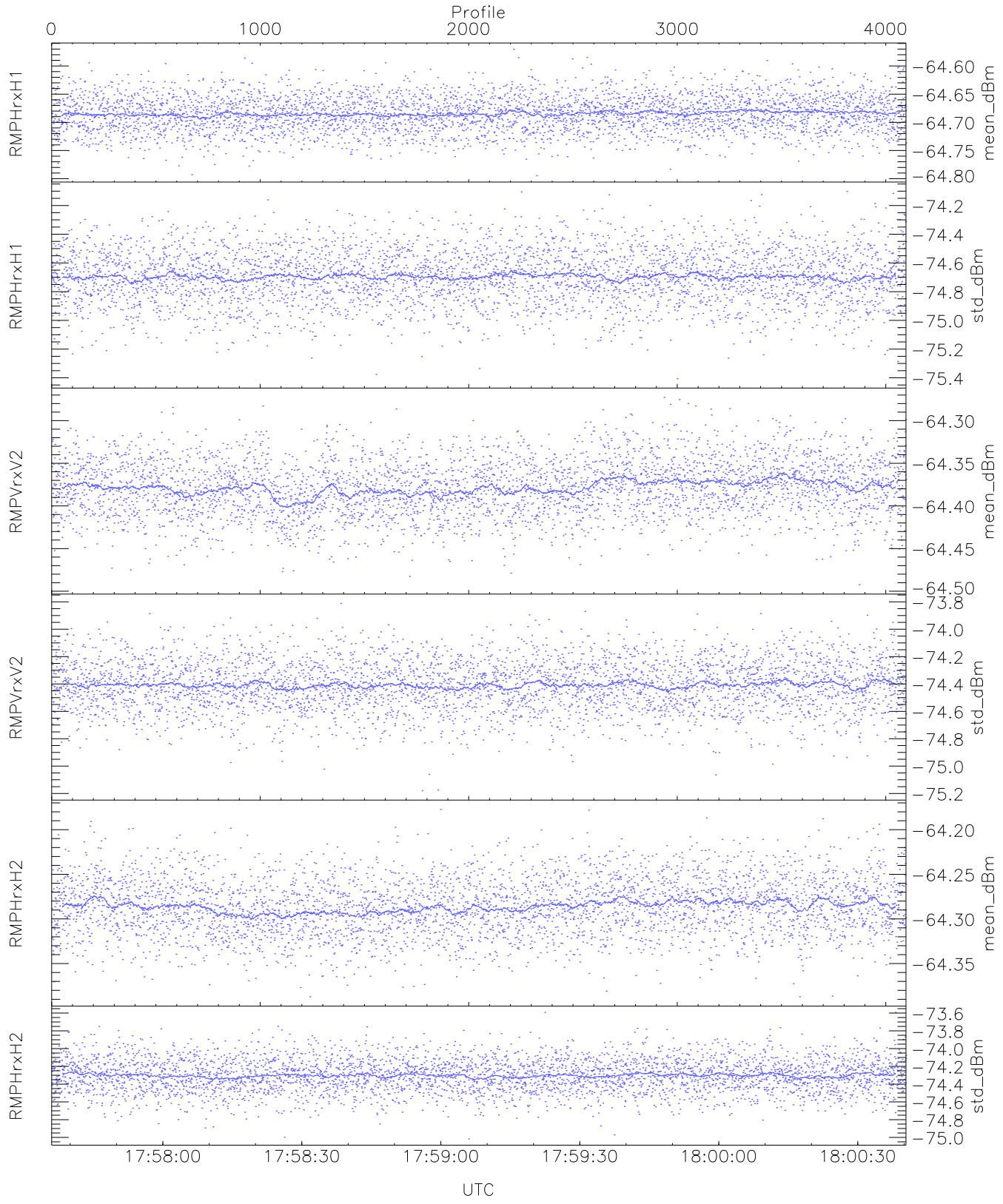






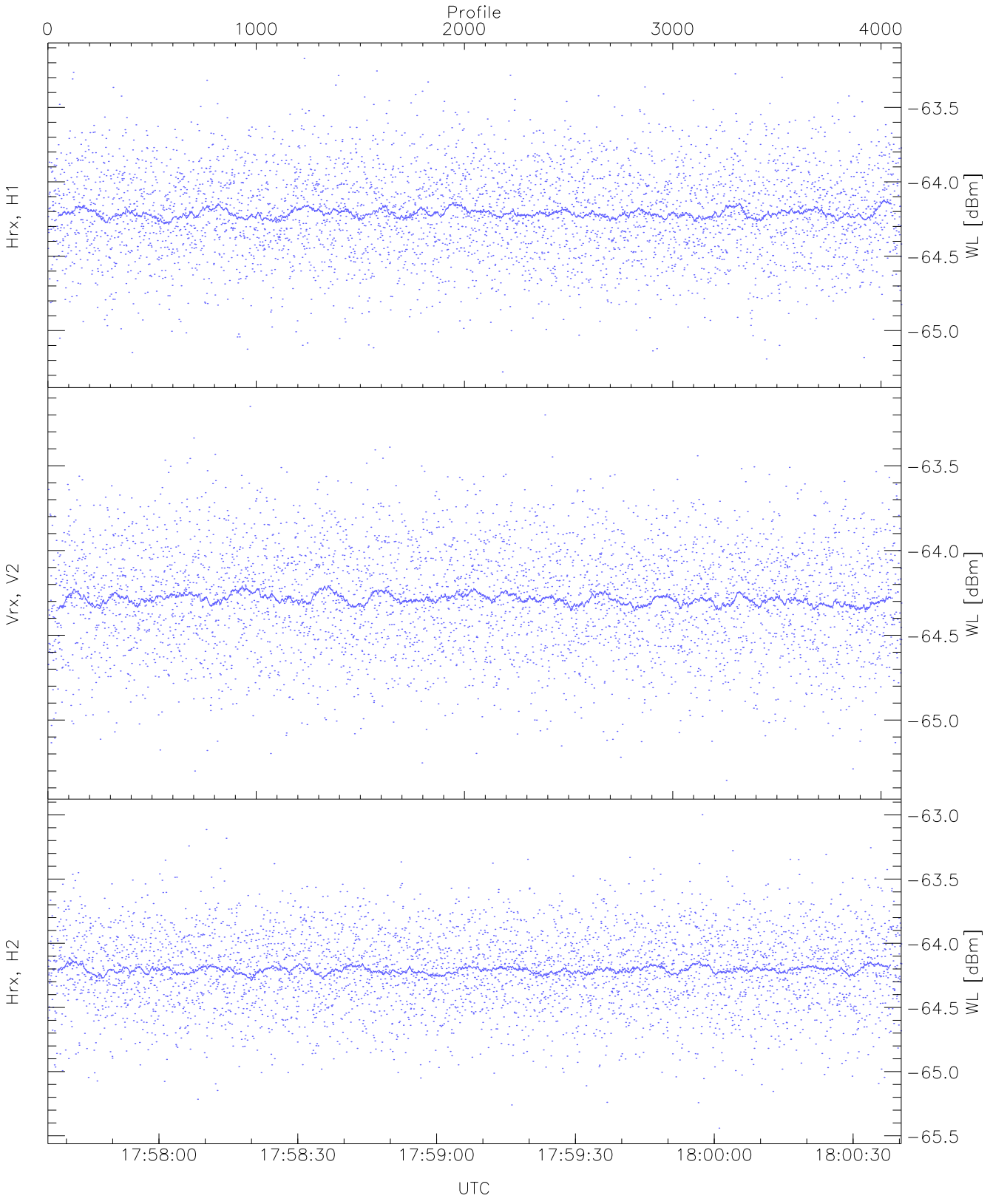
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 5 pixs, 2 gates, 5 profs, 1 prod(s)



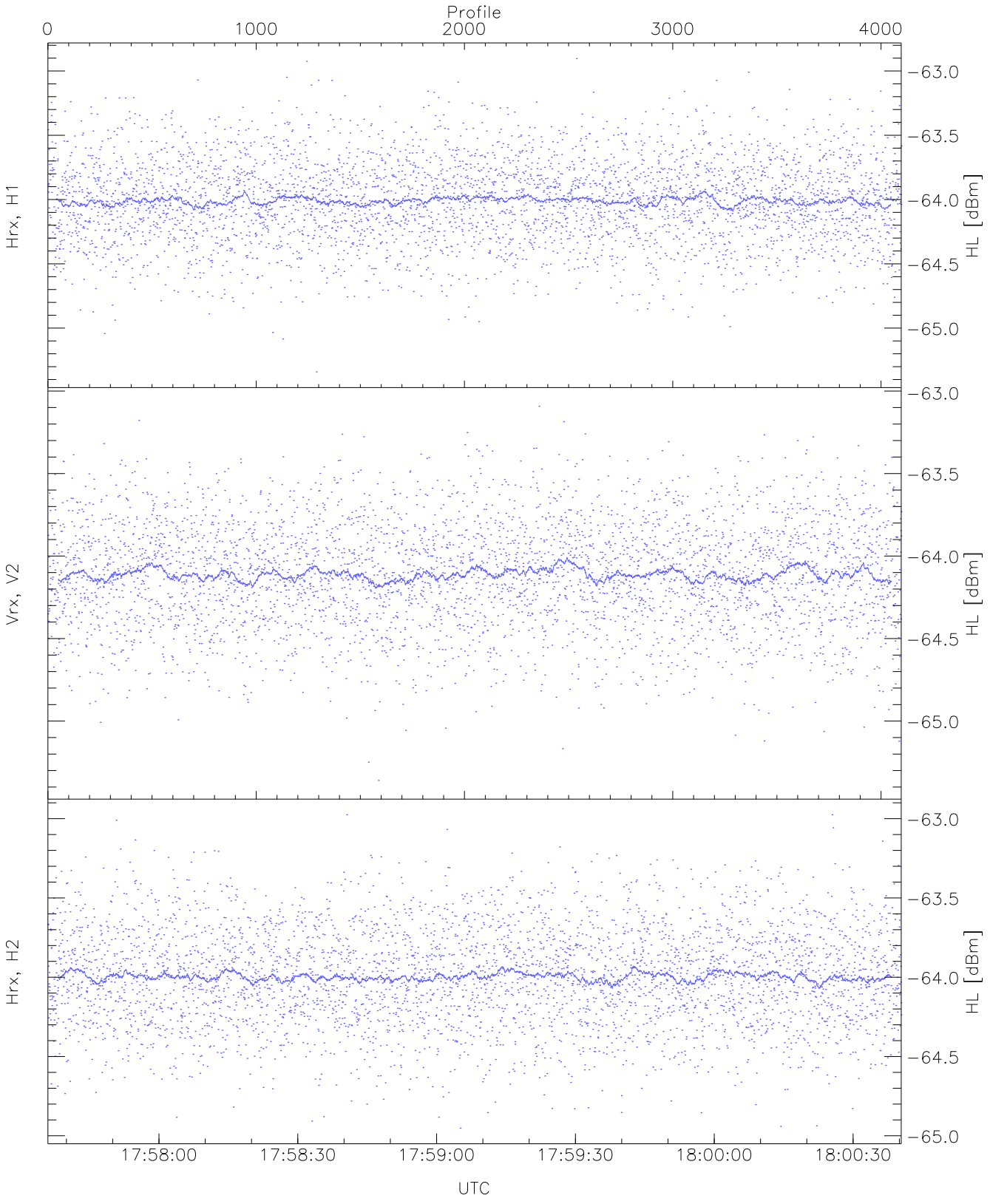
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.79	-64.57	-64.68	-64.68	-86.23
RMPHrxH1(std_dBm)	-75.41	-74.10	-74.69	-74.69	-88.47
RMPVrxV2(mean_dBm)	-64.49	-64.27	-64.38	-64.38	-85.77
RMPVrxV2(std_dBm)	-75.18	-73.81	-74.41	-74.41	-88.31
RMPHrxH2(mean_dBm)	-64.39	-64.18	-64.29	-64.29	-85.81
RMPHrxH2(std_dBm)	-75.02	-73.59	-74.30	-74.30	-88.09



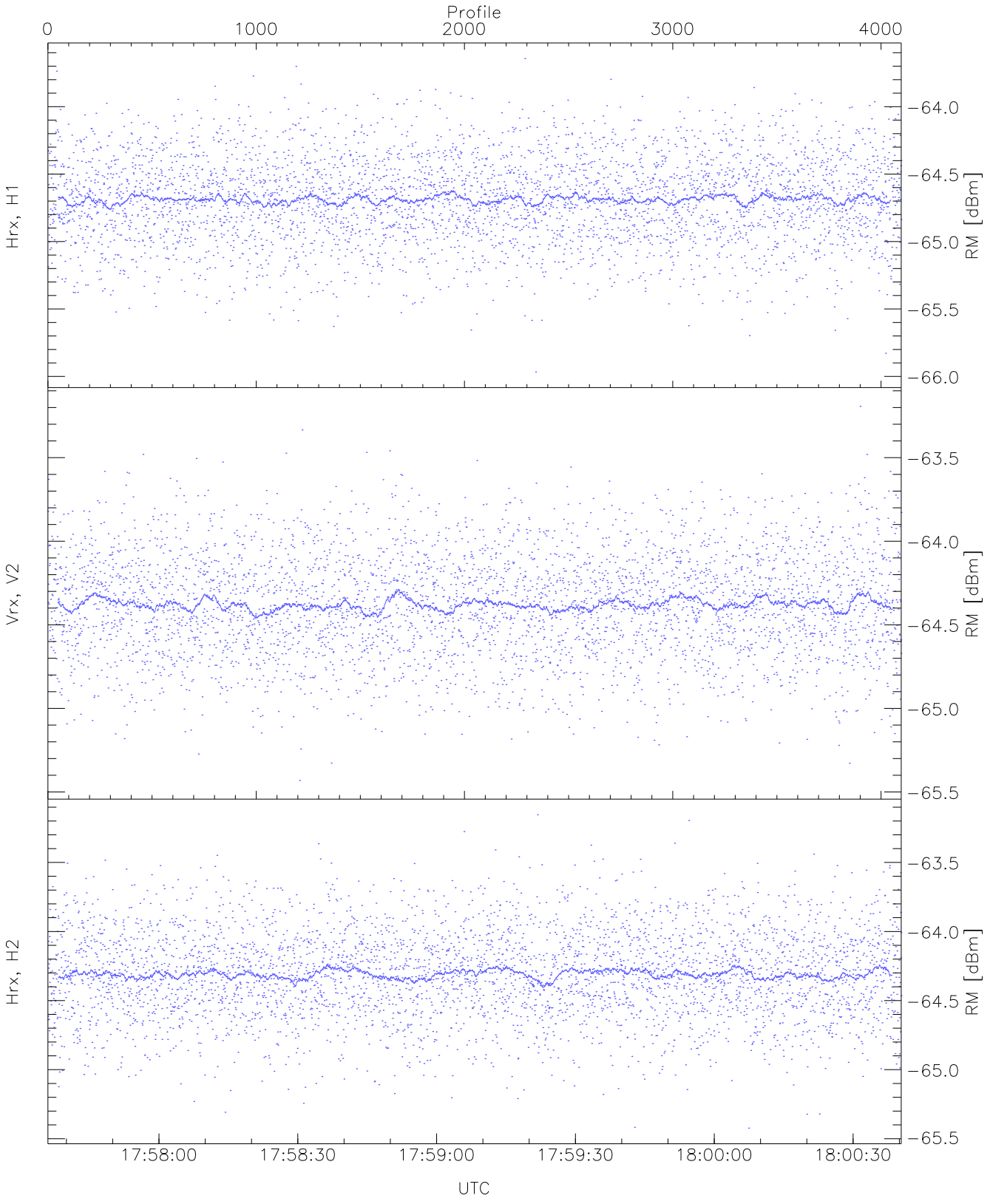
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.28	-63.17	-64.20	-64.21	-75.82
Vrx, V2(WL [dBm])	-65.36	-63.15	-64.28	-64.28	-75.74
Hrx, H2(WL [dBm])	-65.44	-63.00	-64.20	-64.20	-75.75



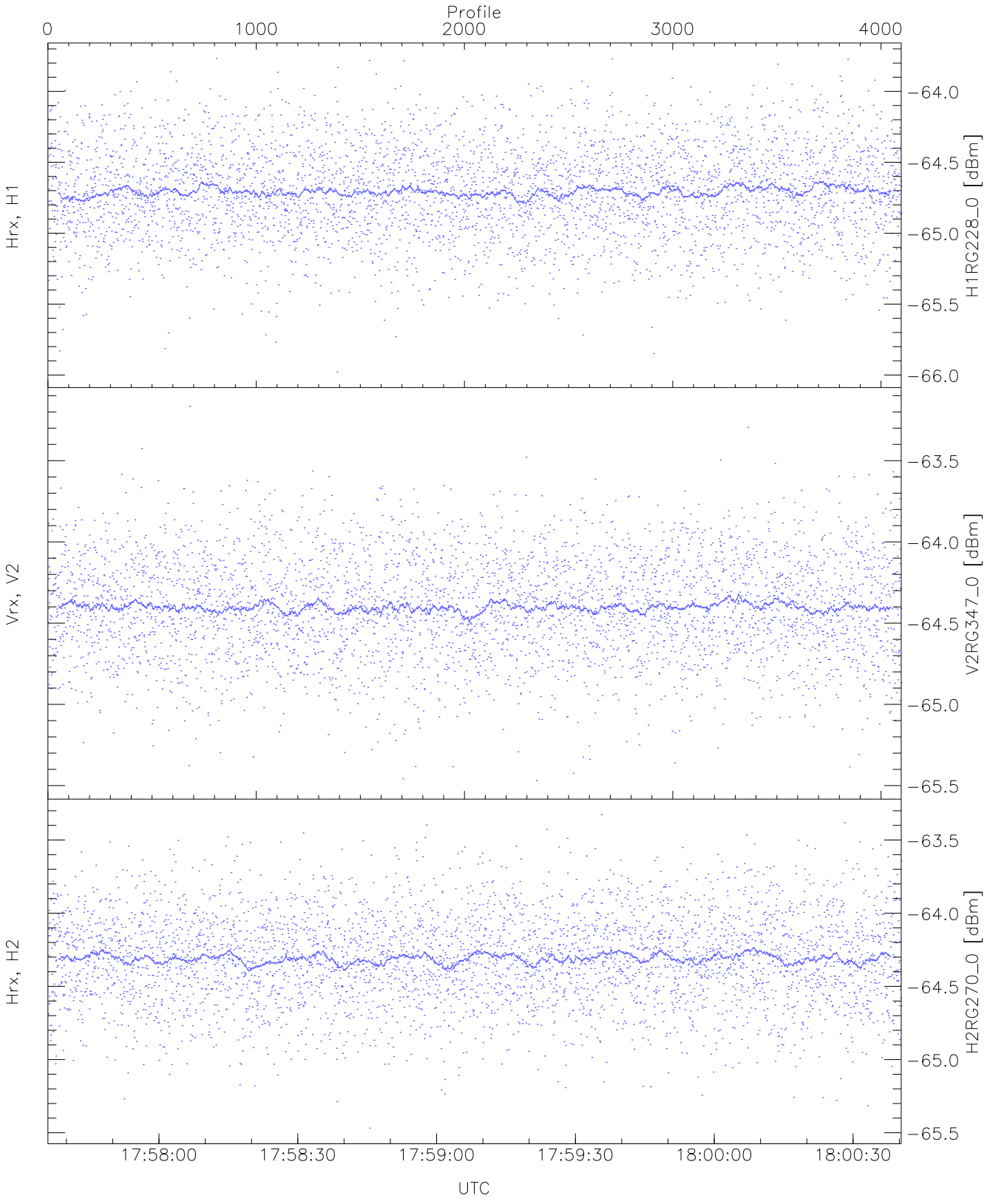
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.34	-62.90	-64.00	-64.01	-75.42
Vrx, V2(HL [dBm])	-65.36	-63.09	-64.10	-64.11	-75.58
Hrx, H2(HL [dBm])	-64.95	-62.98	-63.99	-64.00	-75.60



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

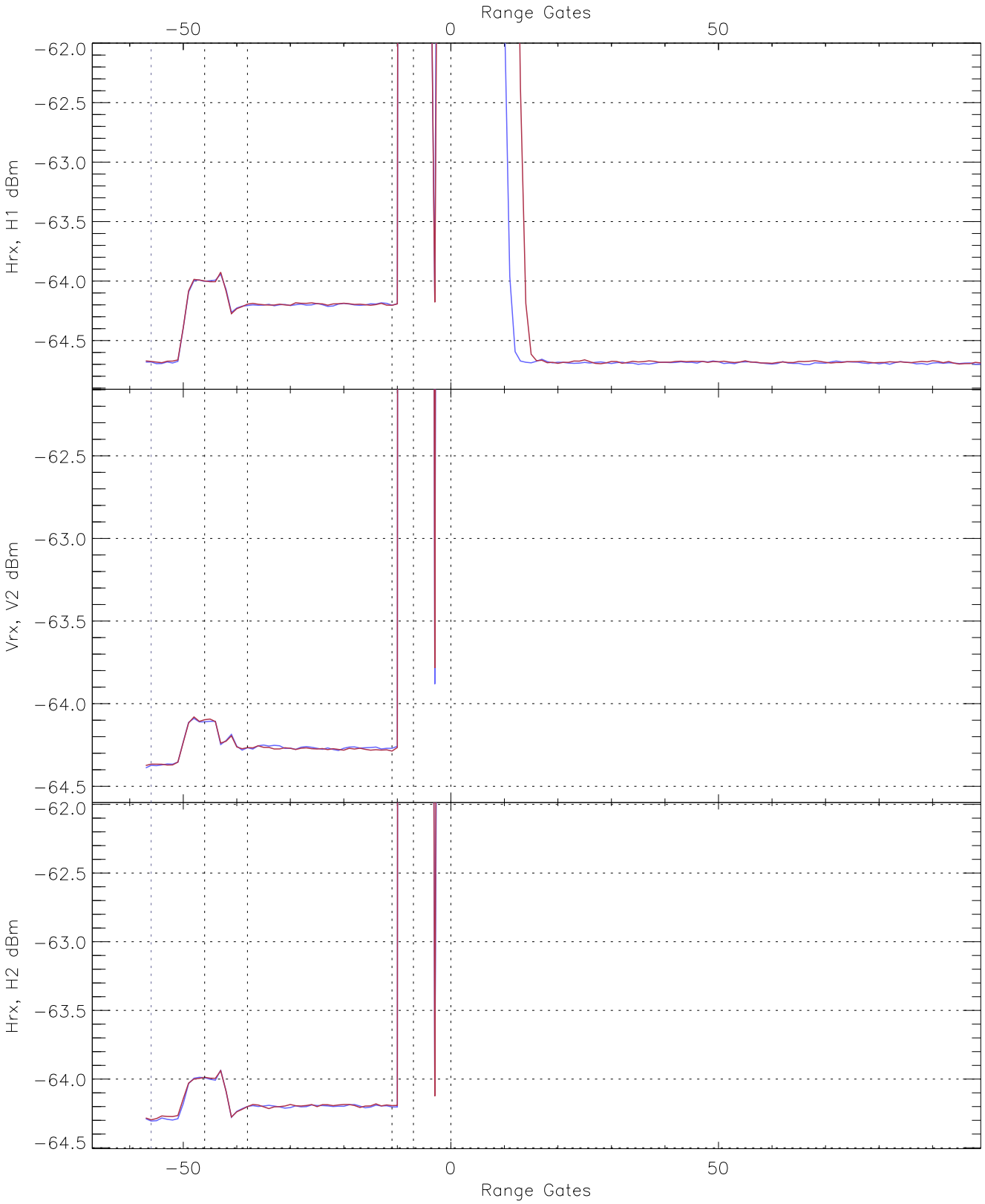
	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.97	-63.64	-64.68	-64.68	-76.17
Vrx, V2(RM [dBm])	-65.43	-63.19	-64.37	-64.38	-75.98
Hrx, H2(RM [dBm])	-65.42	-63.15	-64.30	-64.31	-75.79



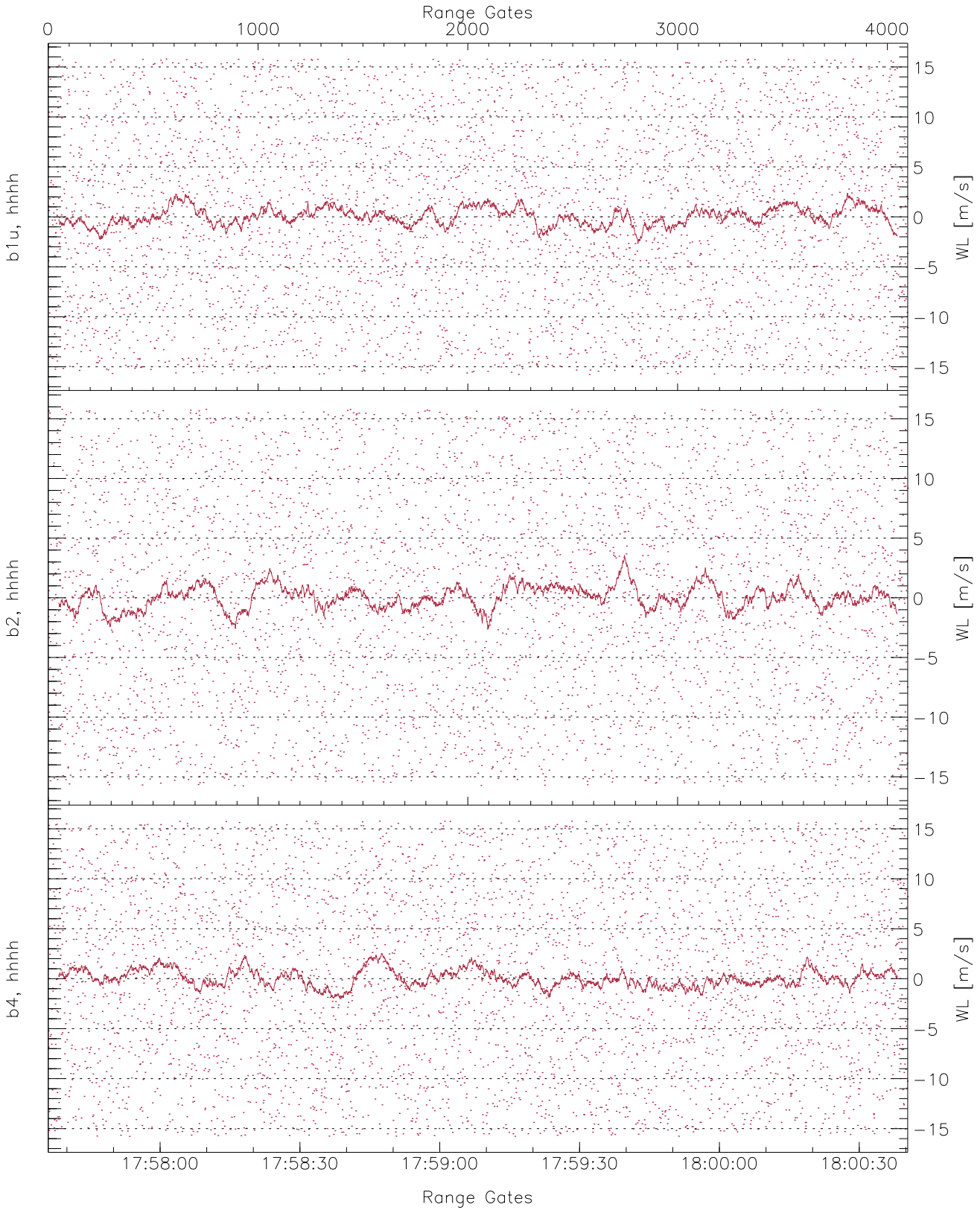
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG228_0 [dBm]	-65.98	-63.77	-64.70	-64.71	-76.13
V2RG347_0 [dBm]	-65.47	-63.17	-64.39	-64.41	-75.92
H2RG270_0 [dBm]	-65.47	-63.33	-64.30	-64.31	-75.88

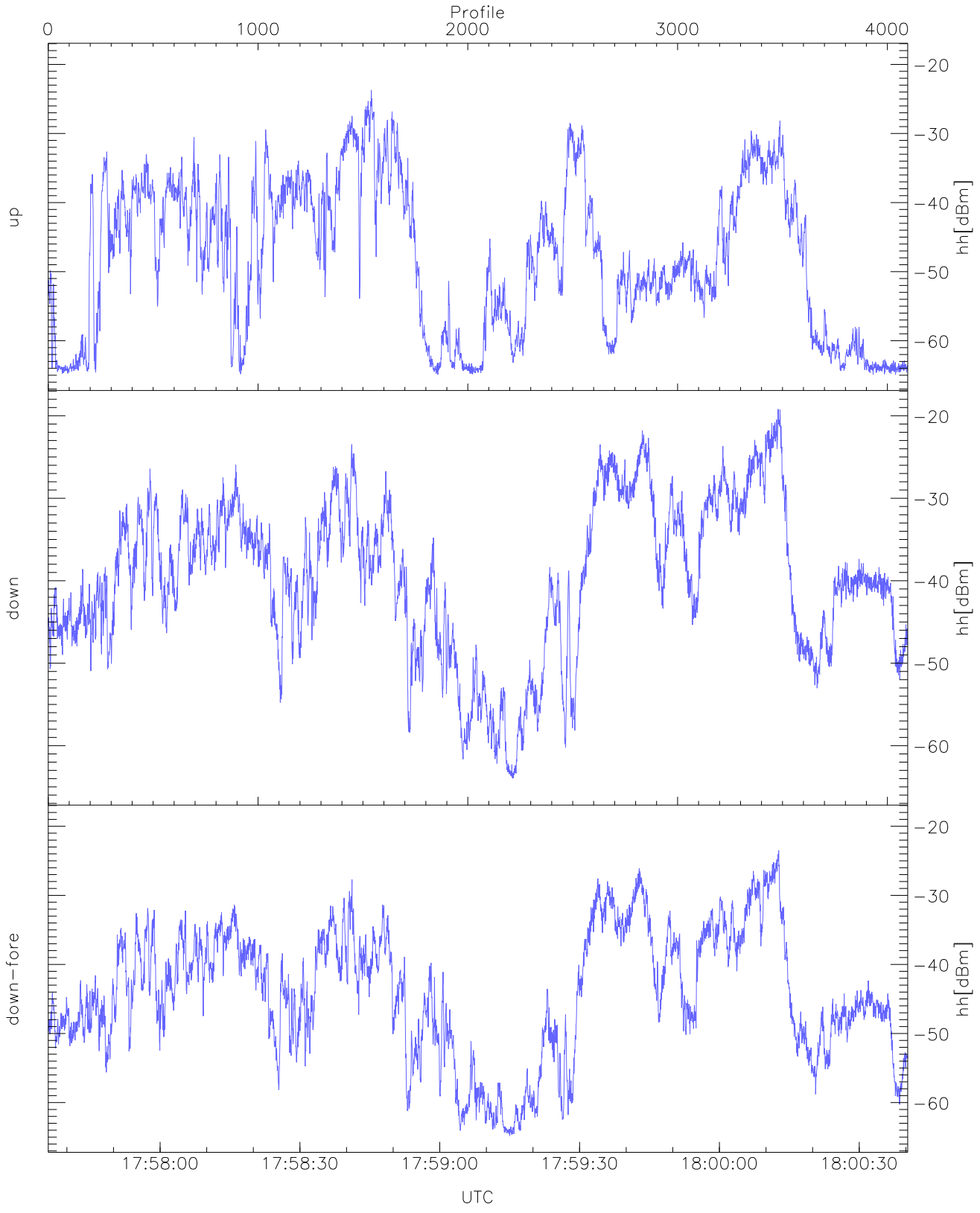
WCR3 CPP Averaged Received power for all recorded gates
blue: 175736-175908, 2050 profiles averaged
red: 175908-180040, 2049 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 175736-175908, 2050 profiles averaged
red: 175908-180040, 2049 profiles averaged

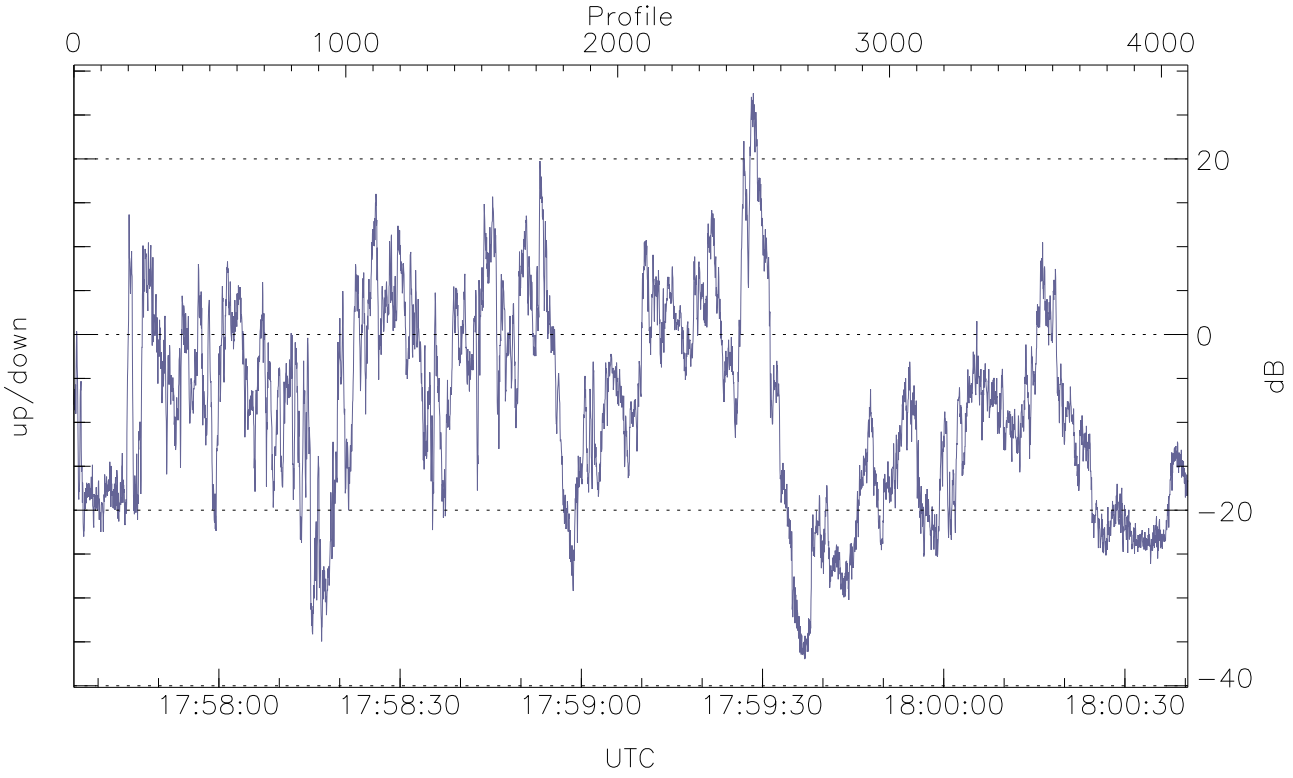


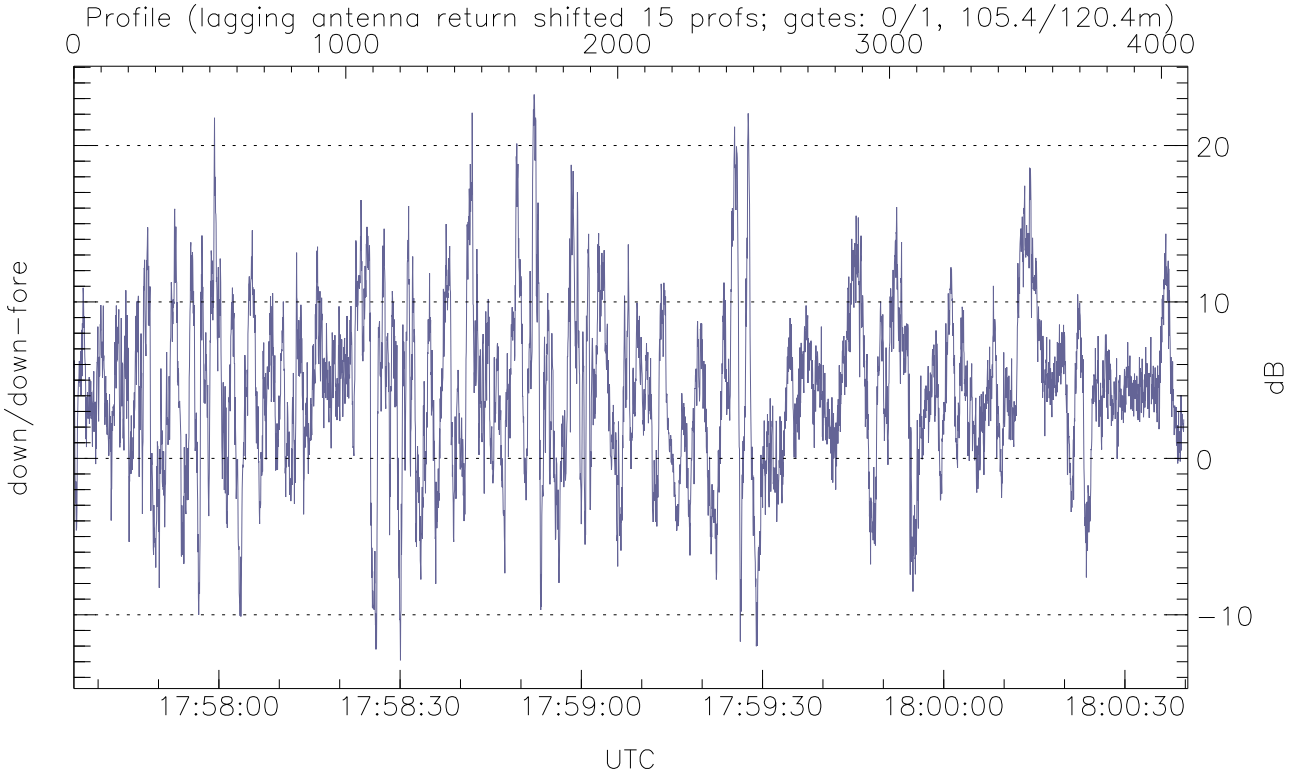
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

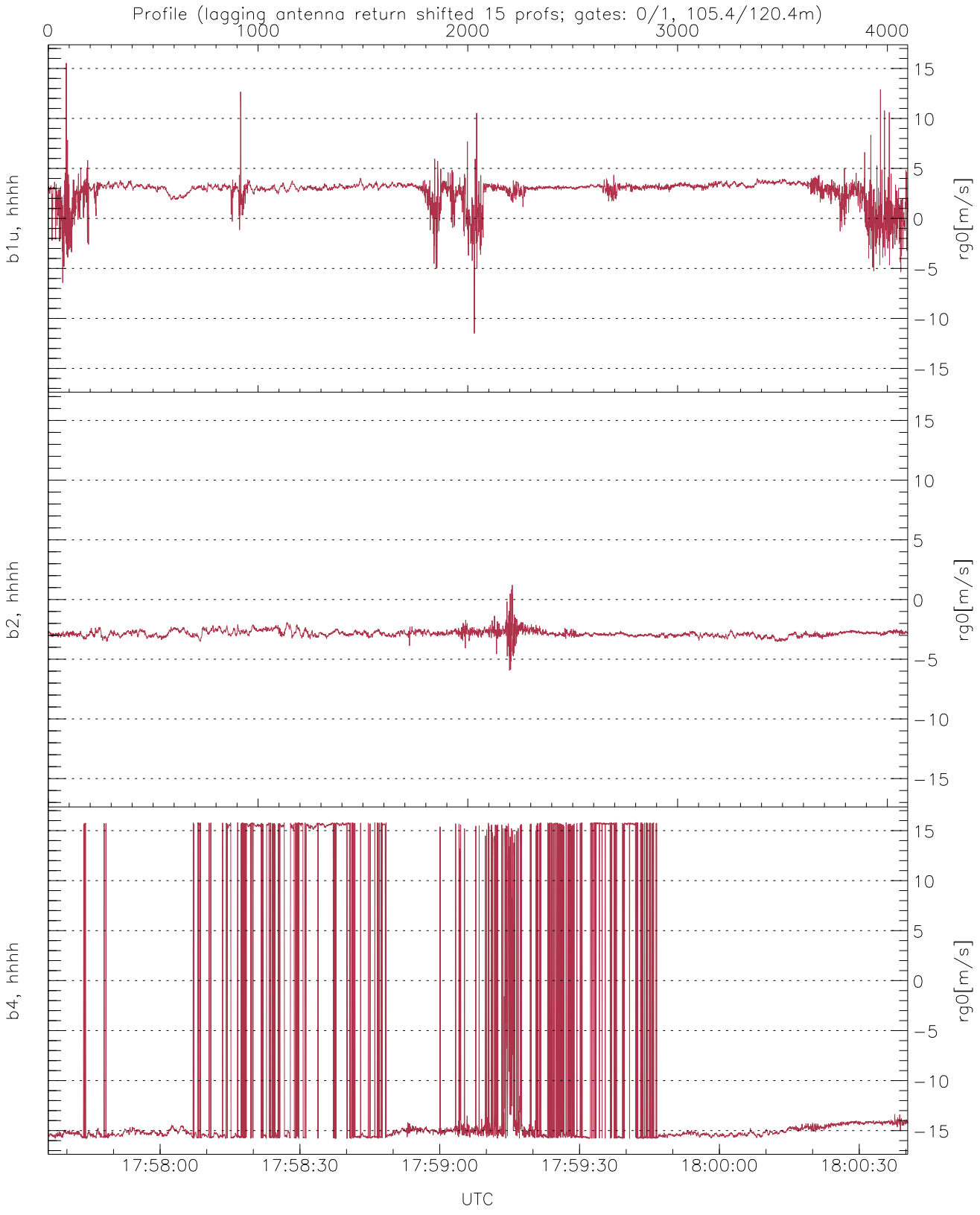
	Min	Max	Mean
up(hh[dBm])	-64.92	-23.71	-38.43
down(hh[dBm])	-63.96	-19.22	-32.45
down-fore(hh[dBm])	-64.81	-23.48	-36.94





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down(dB)	-36.96	27.47	-8.45
down/down-fore(dB)	-12.91	23.26	4.28



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-11.50	15.55	2.75	1.34
b2, hhhh(rg0[m/s])	-5.95	1.21	-2.84	0.31
b4, hhhh(rg0[m/s])	-15.79	15.79	-9.29	12.04