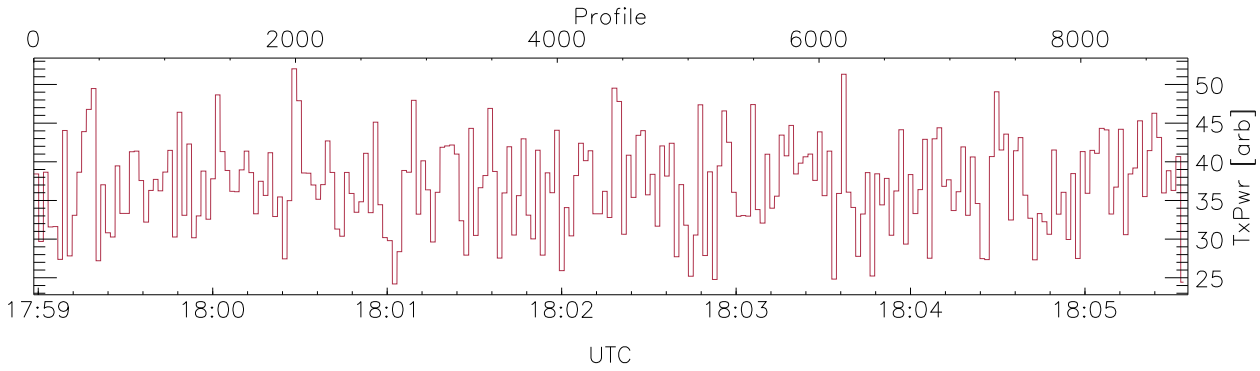
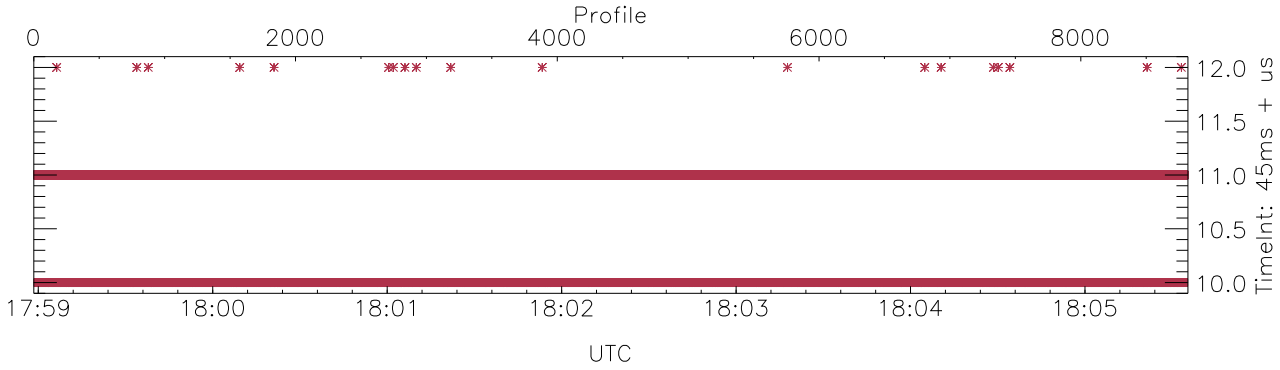
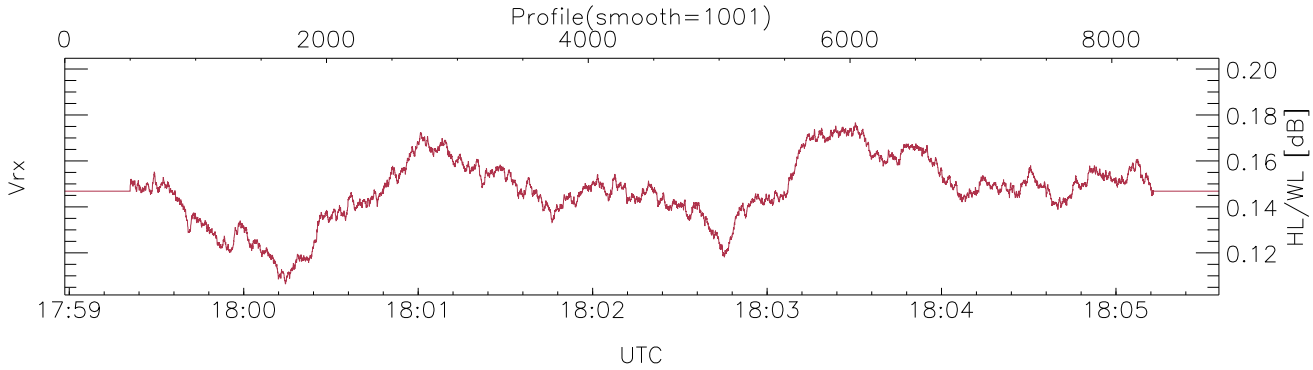
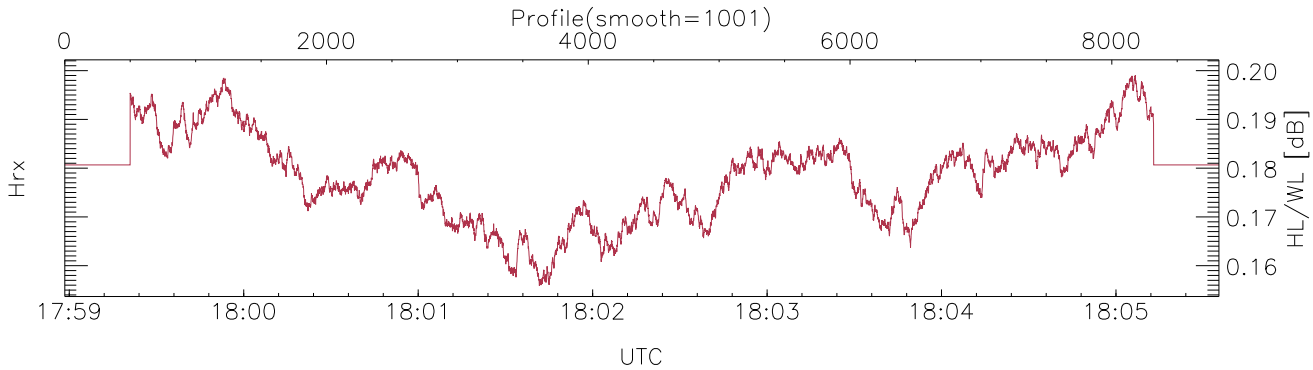


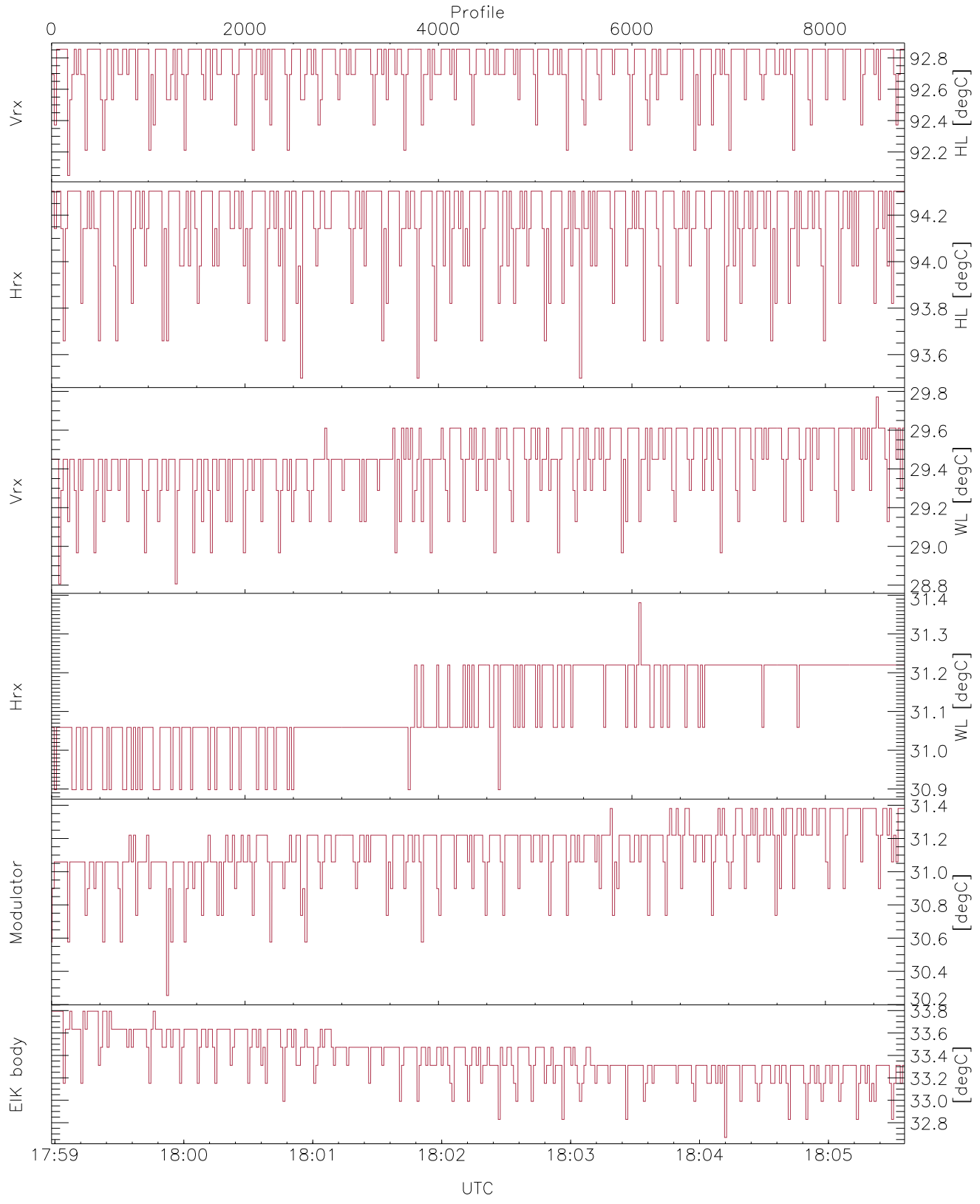






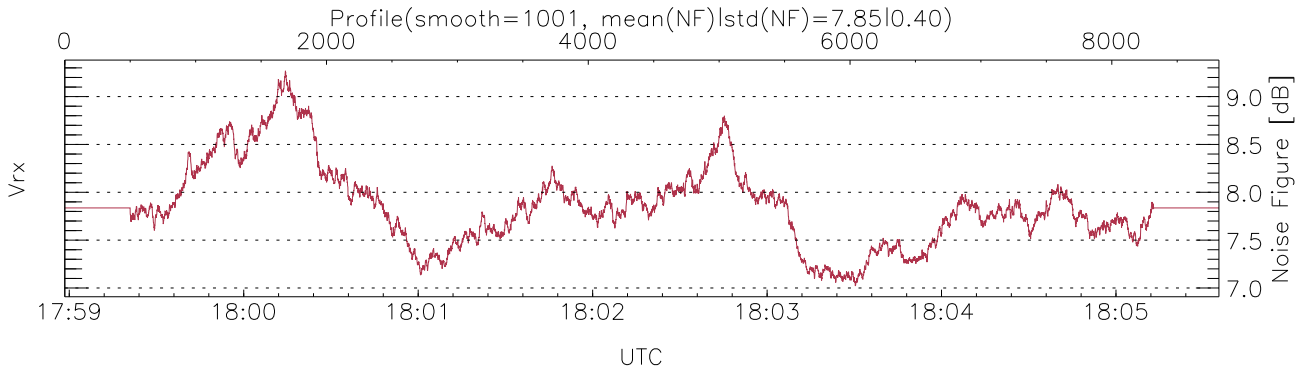
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

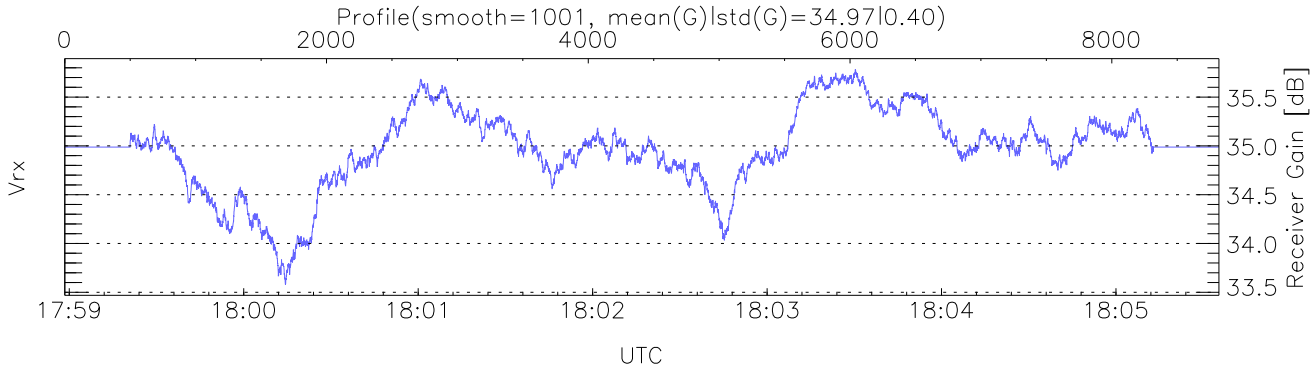
UTC: 17:58:58-18:05:35, TimeCor: 0.00s, Dur: 396.95s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 8820/8820, 0-8819/17:58:58-18:05:35
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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): 3

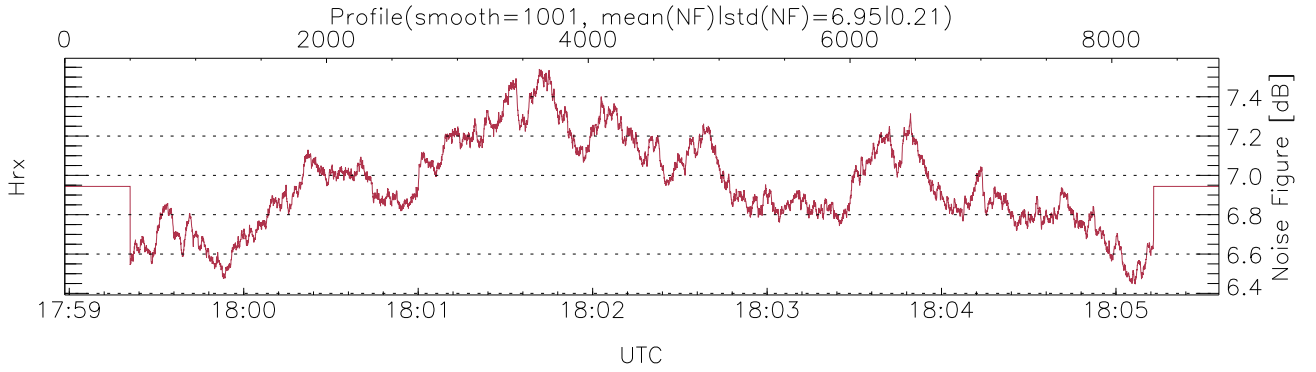


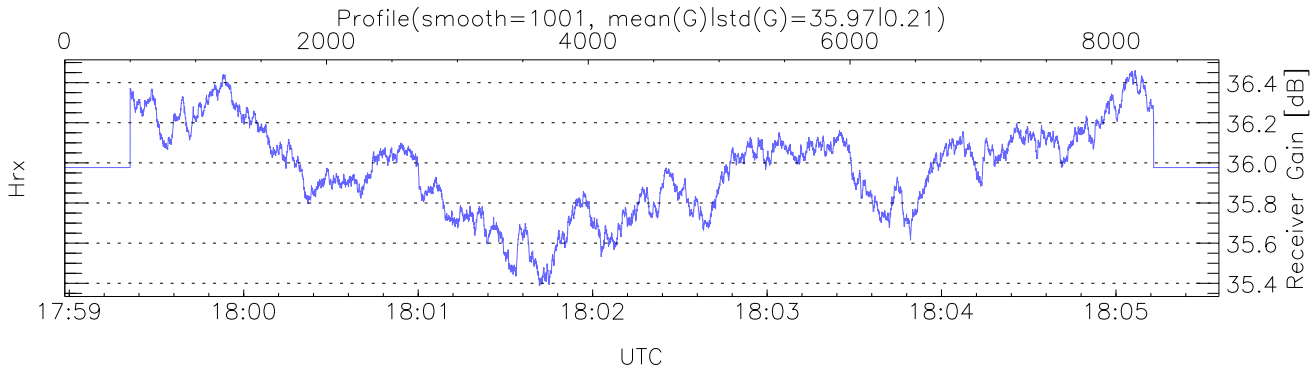
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,30,30,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,29,31,31,33
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (68,68,68,46,68,68,68,46)



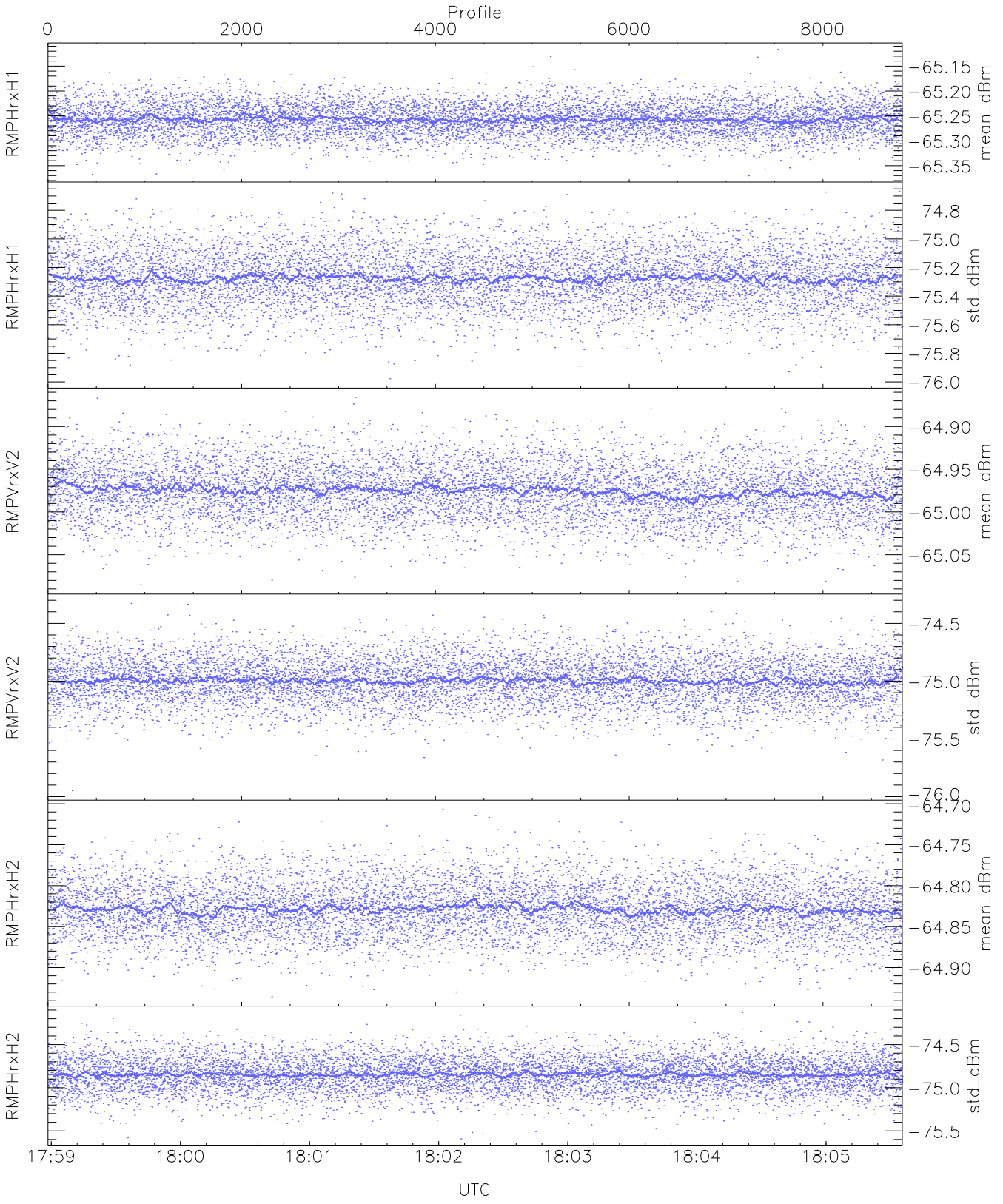






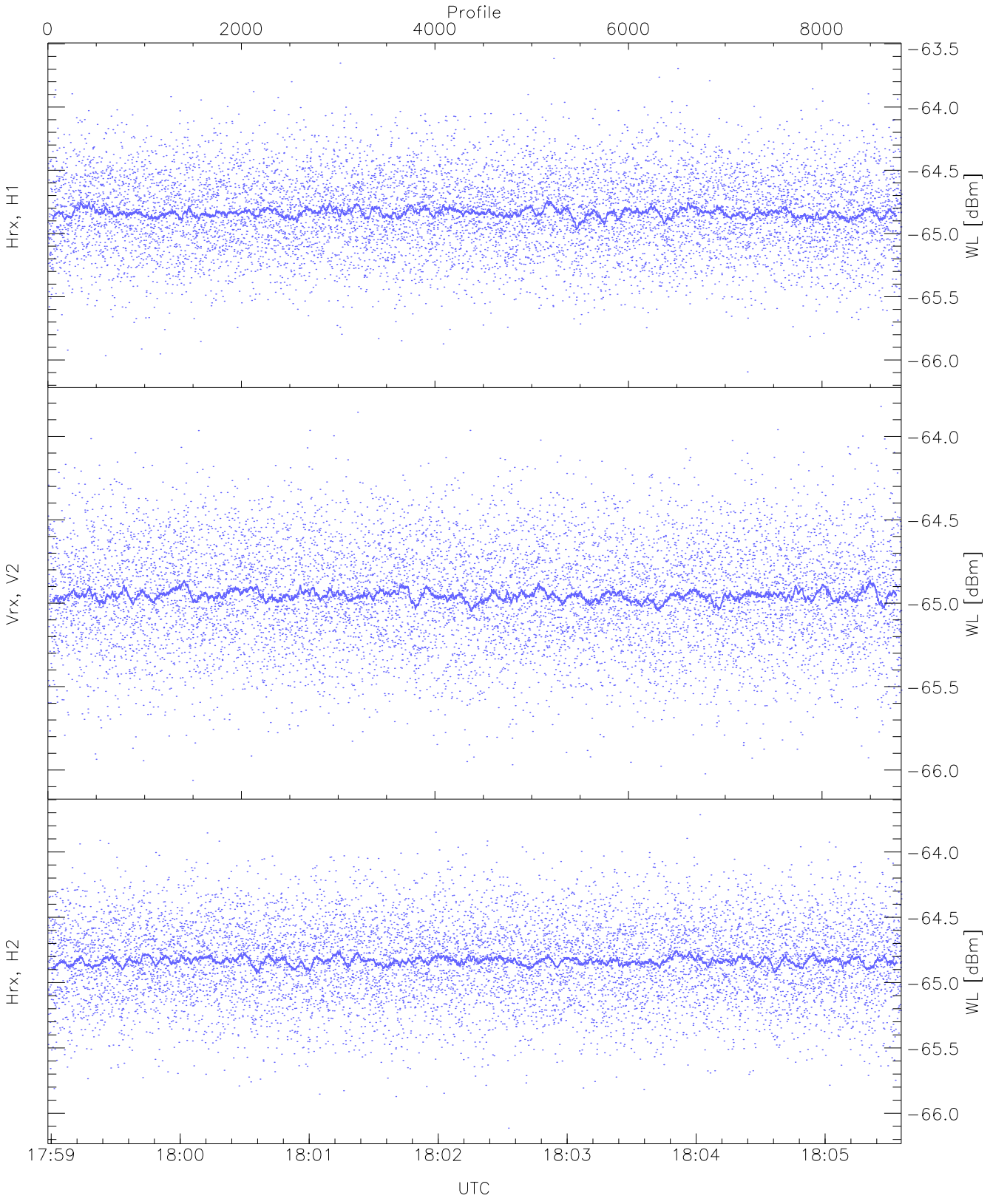
WCR3 CPP Receivers Gain and Noise Figure

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



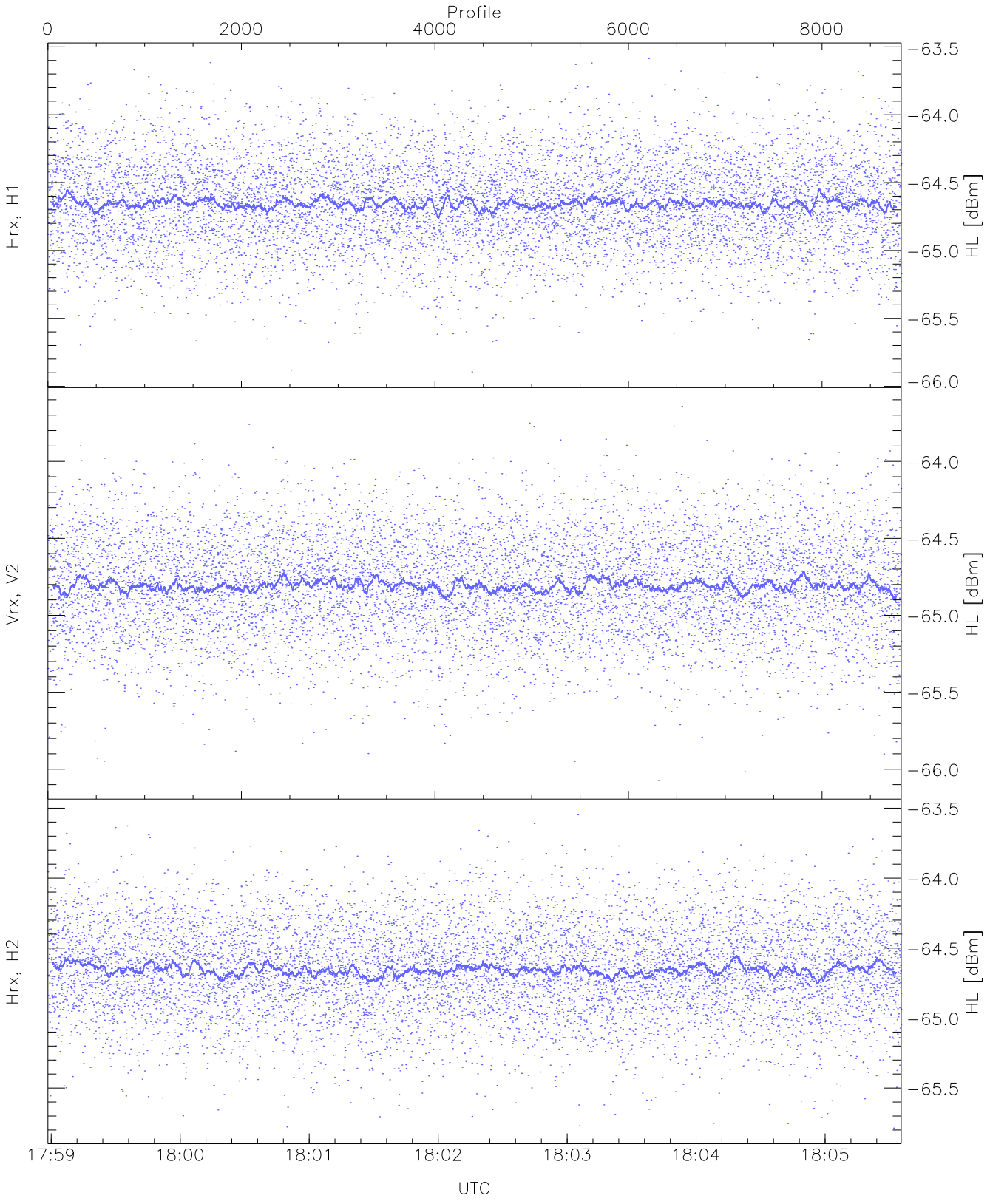
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.37	-65.12	-65.26	-65.26	-86.89
RMPHrxH1(std_dBm)	-75.98	-74.67	-75.27	-75.28	-89.06
RMPVrxV2(mean_dBm)	-65.09	-64.87	-64.98	-64.98	-86.57
RMPVrxV2(std_dBm)	-75.95	-74.33	-75.00	-75.00	-88.82
RMPHrxH2(mean_dBm)	-64.94	-64.71	-64.83	-64.83	-86.38
RMPHrxH2(std_dBm)	-75.59	-74.13	-74.84	-74.85	-88.64



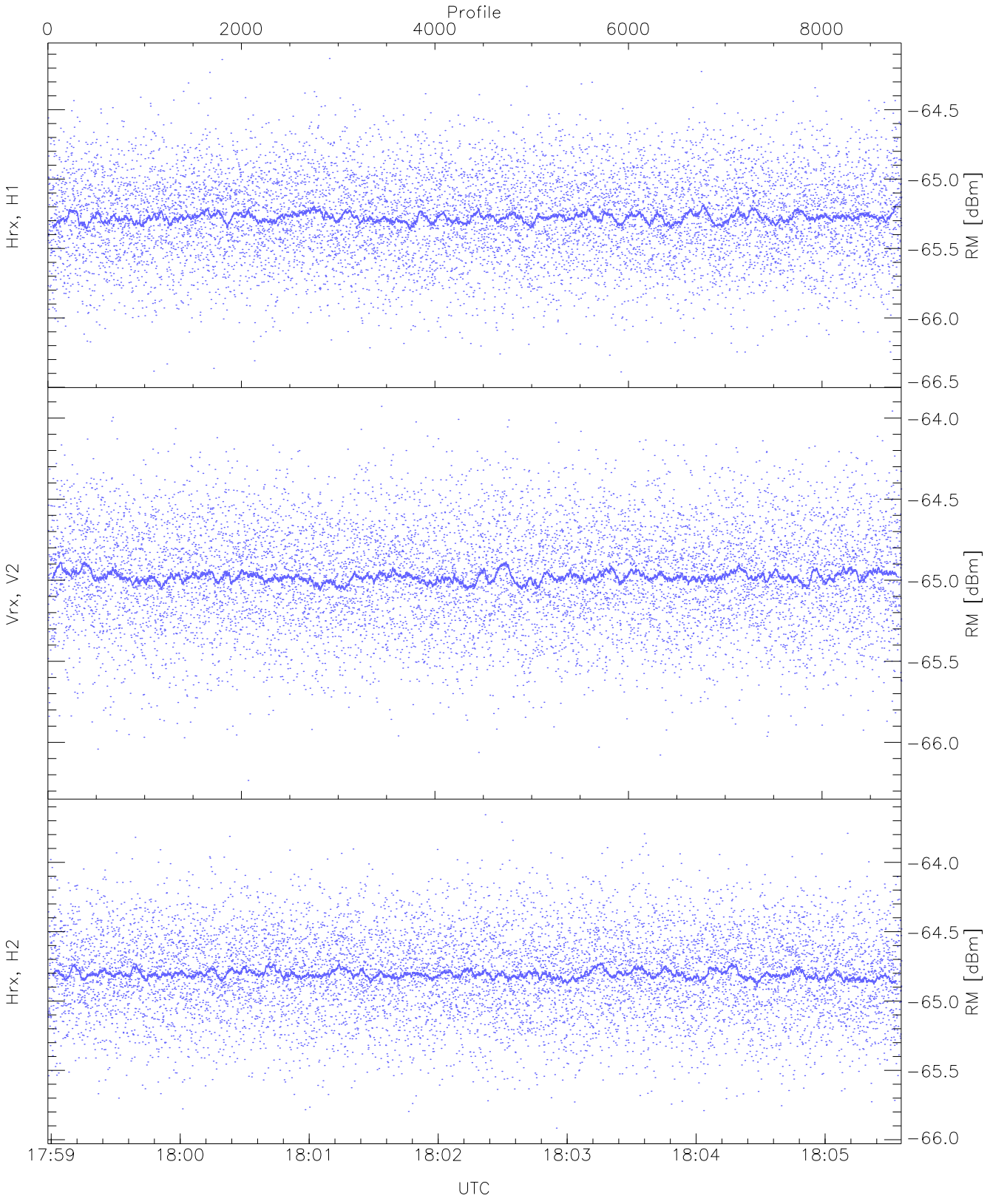
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.09	-63.62	-64.83	-64.84	-76.31
Vrx, V2(WL [dBm])	-66.06	-63.82	-64.95	-64.96	-76.46
Hrx, H2(WL [dBm])	-66.11	-63.72	-64.83	-64.83	-76.34



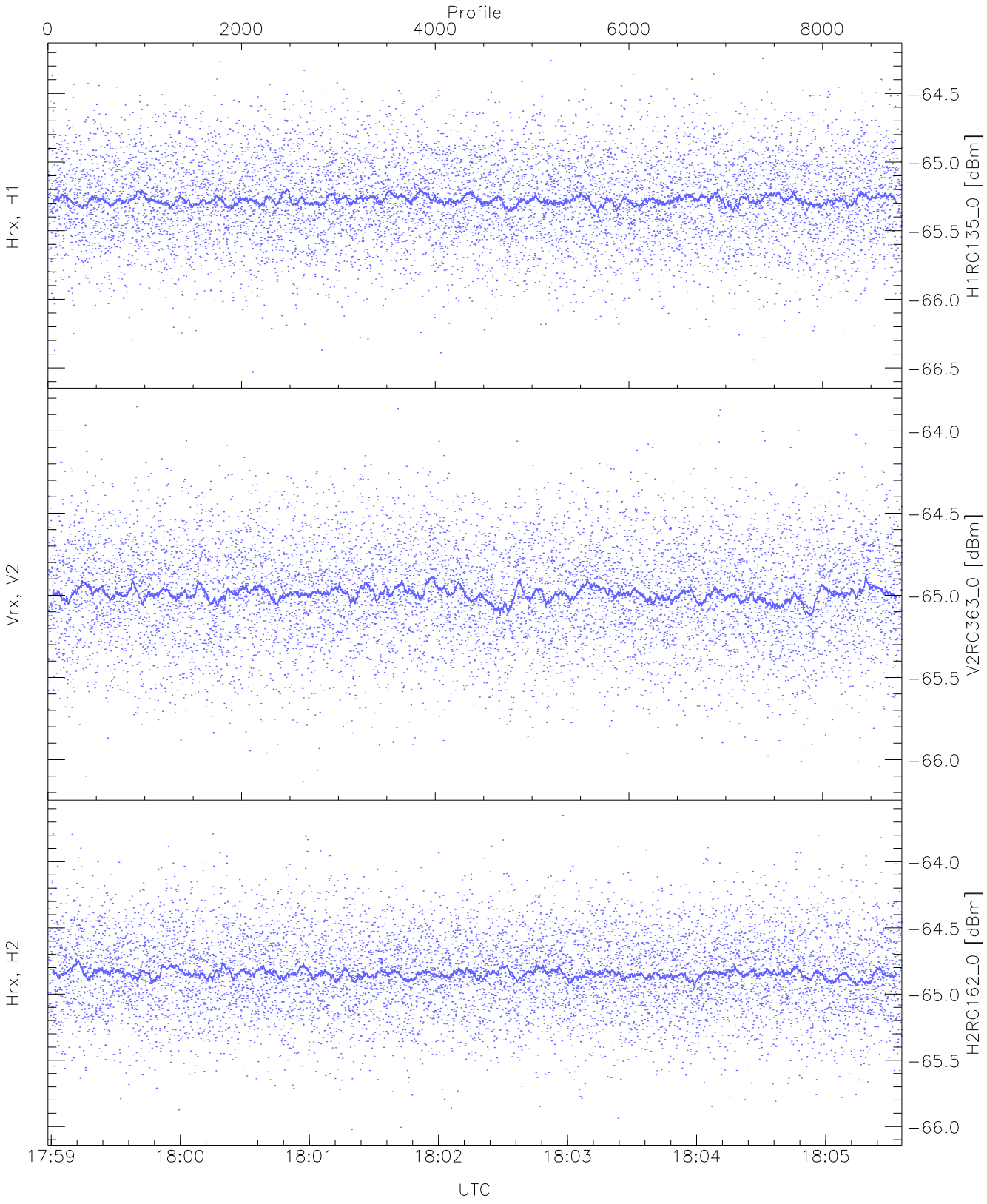
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.89	-63.59	-64.65	-64.65	-76.17
Vrx, V2(HL [dBm])	-66.07	-63.64	-64.80	-64.81	-76.30
Hrx, H2(HL [dBm])	-65.79	-63.55	-64.65	-64.65	-76.09



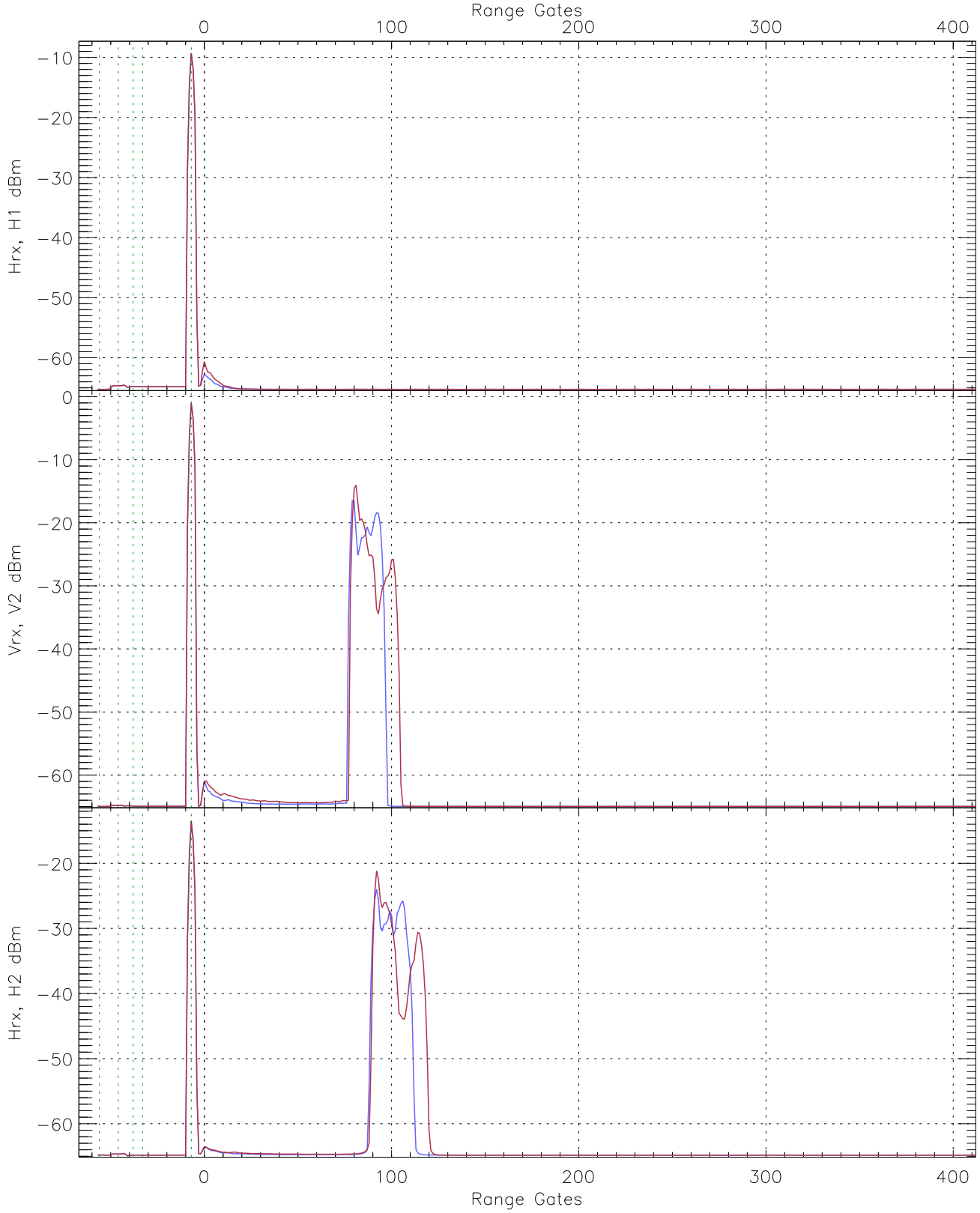
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.39	-64.13	-65.27	-65.27	-76.74
Vrx, V2(RM [dBm])	-66.23	-63.93	-64.97	-64.98	-76.42
Hrx, H2(RM [dBm])	-65.92	-63.66	-64.80	-64.80	-76.33

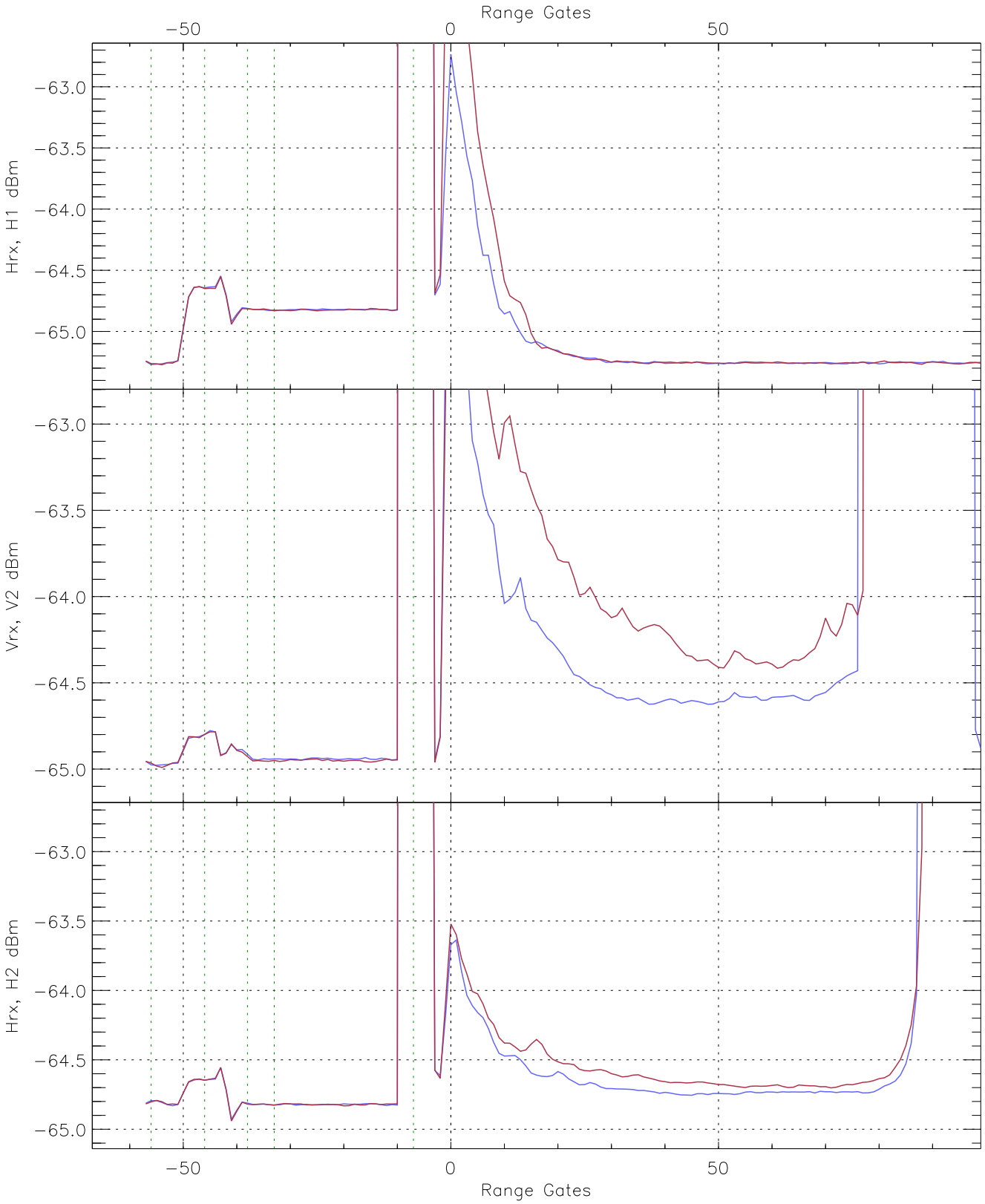


WCR3 CPP "Best" estimate Receivers Noise Power

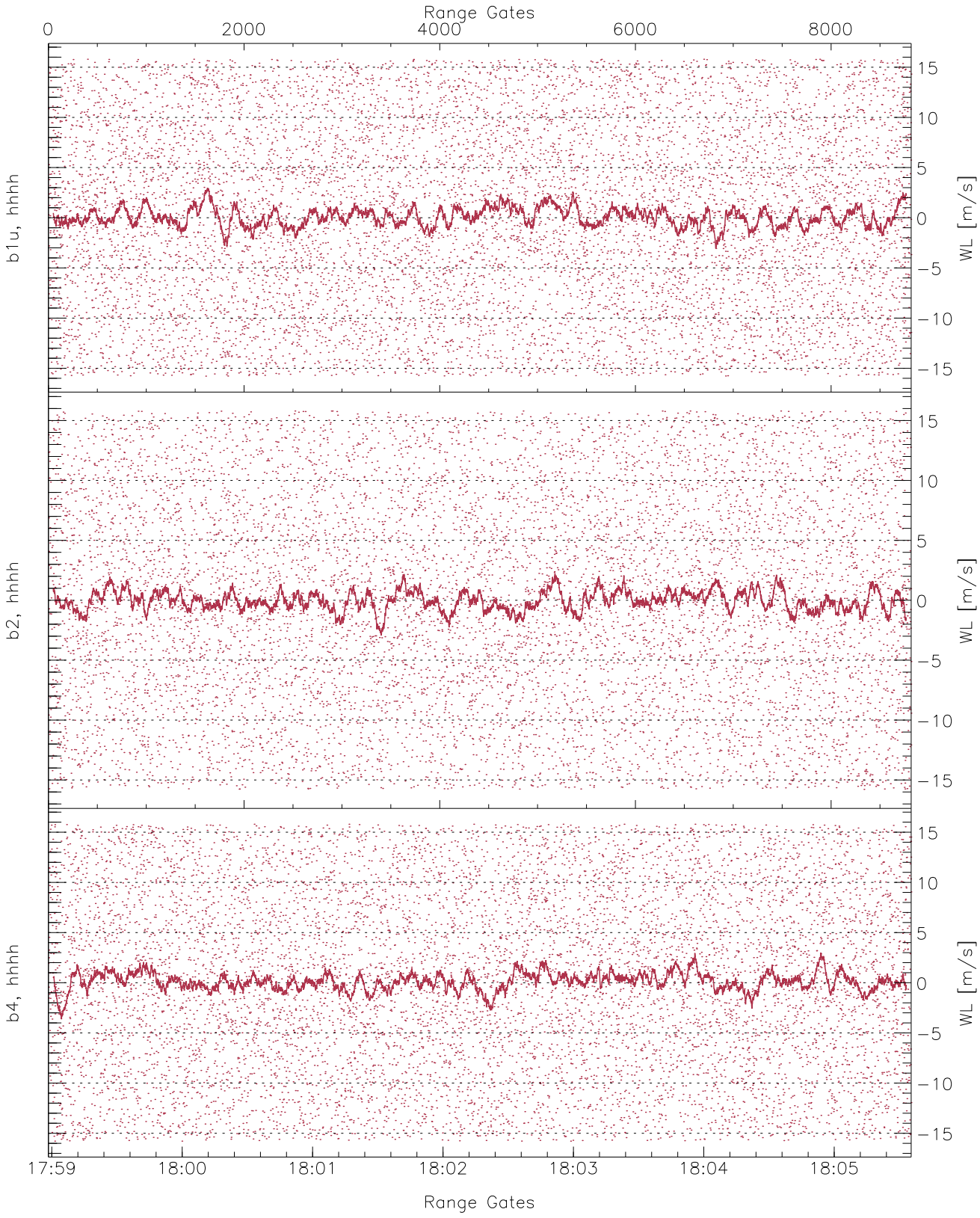
	Min	Max	Mean	Median	StDev
H1RG135_0 [dBm]	-66.53	-64.25	-65.27	-65.28	-76.74
V2RG363_0 [dBm]	-66.13	-63.85	-64.98	-64.99	-76.53
H2RG162_0 [dBm]	-66.02	-63.65	-64.84	-64.85	-76.37



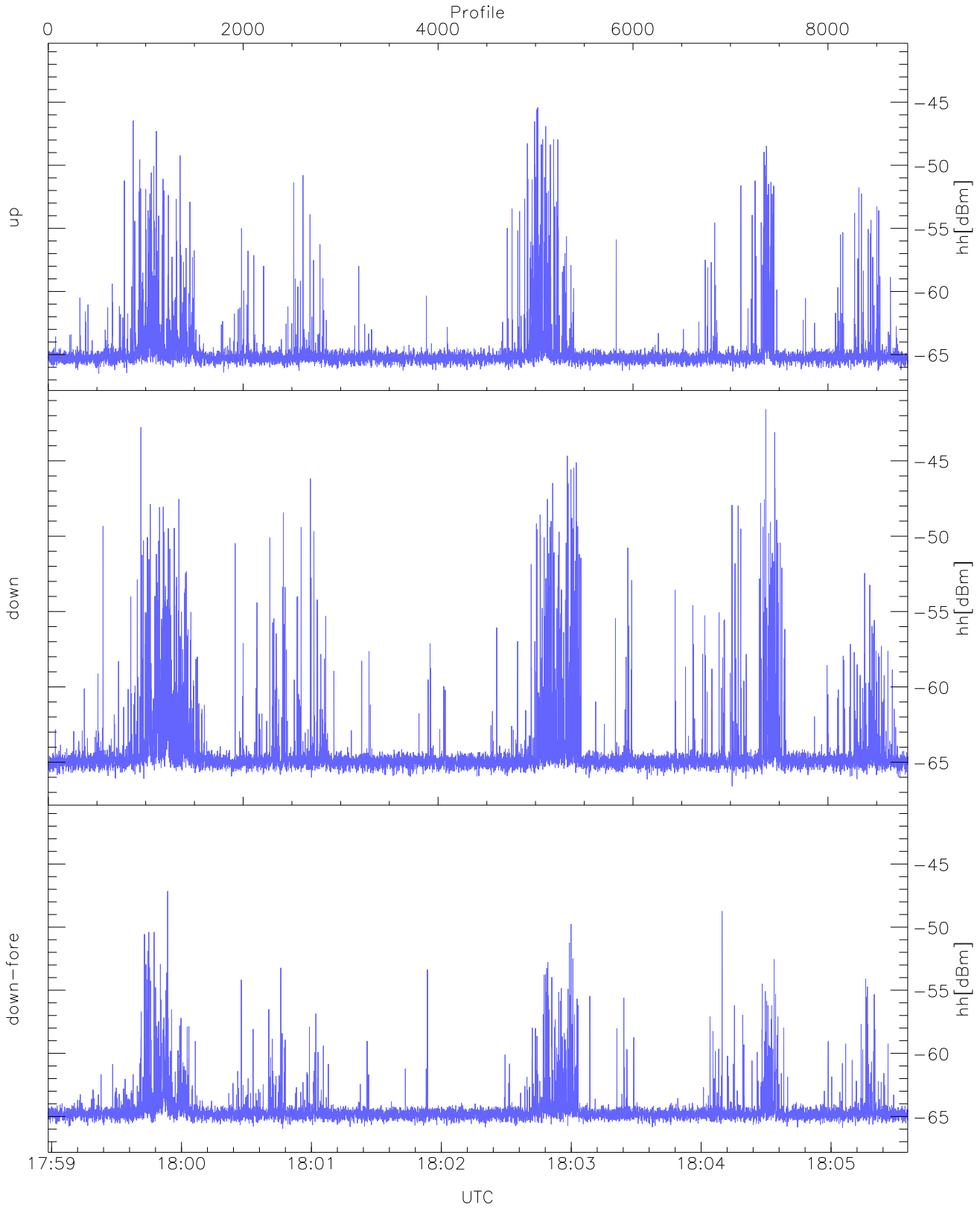
WCR3 CPP Averaged Received power for all recorded gates
blue: 175858-180217, 4411 profiles averaged
red: 180217-180535, 4410 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 175858-180217, 4411 profiles averaged
red: 180217-180535, 4410 profiles averaged

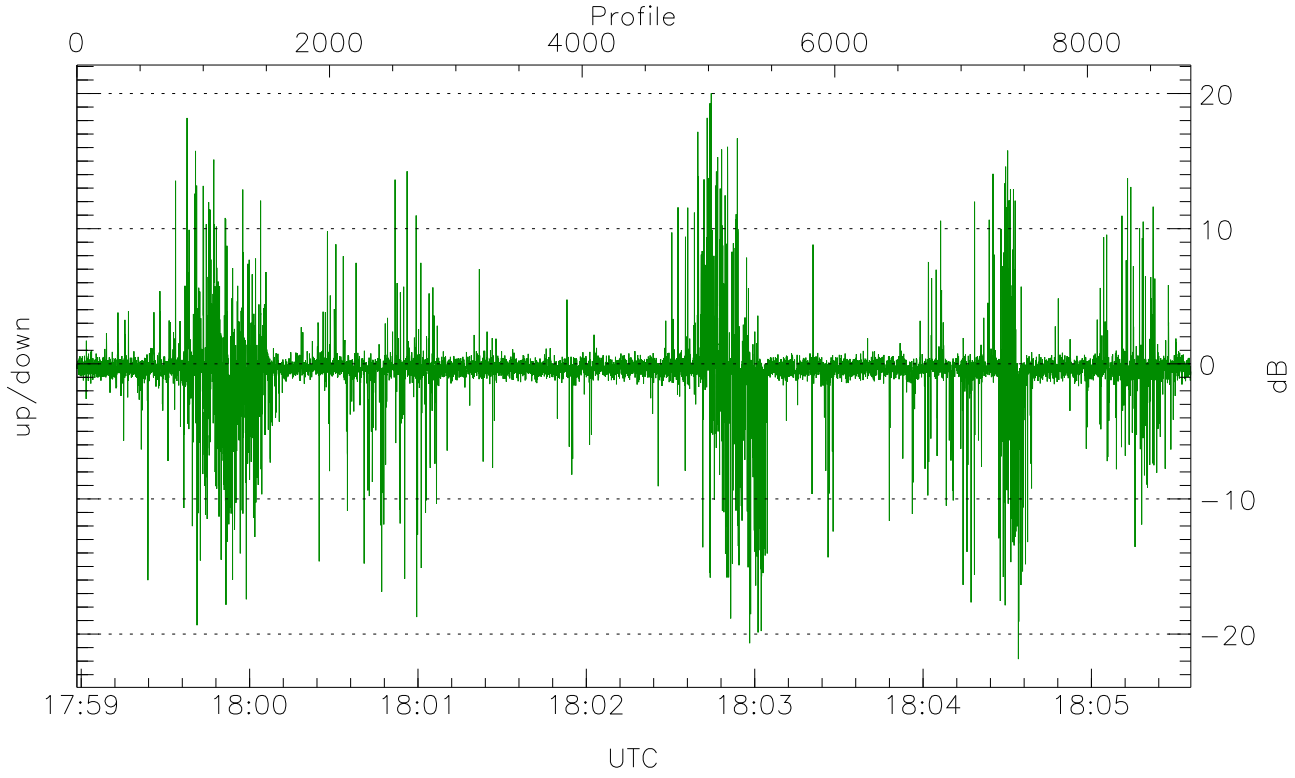


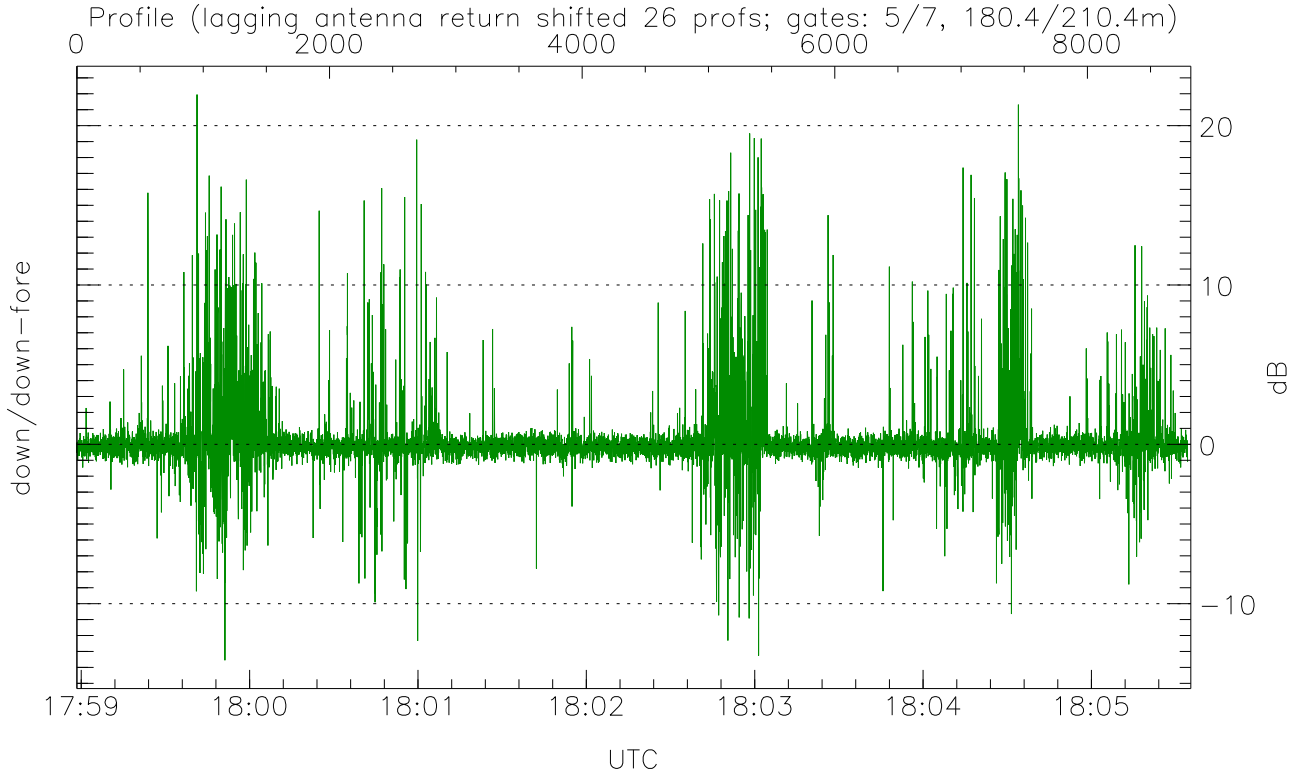
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

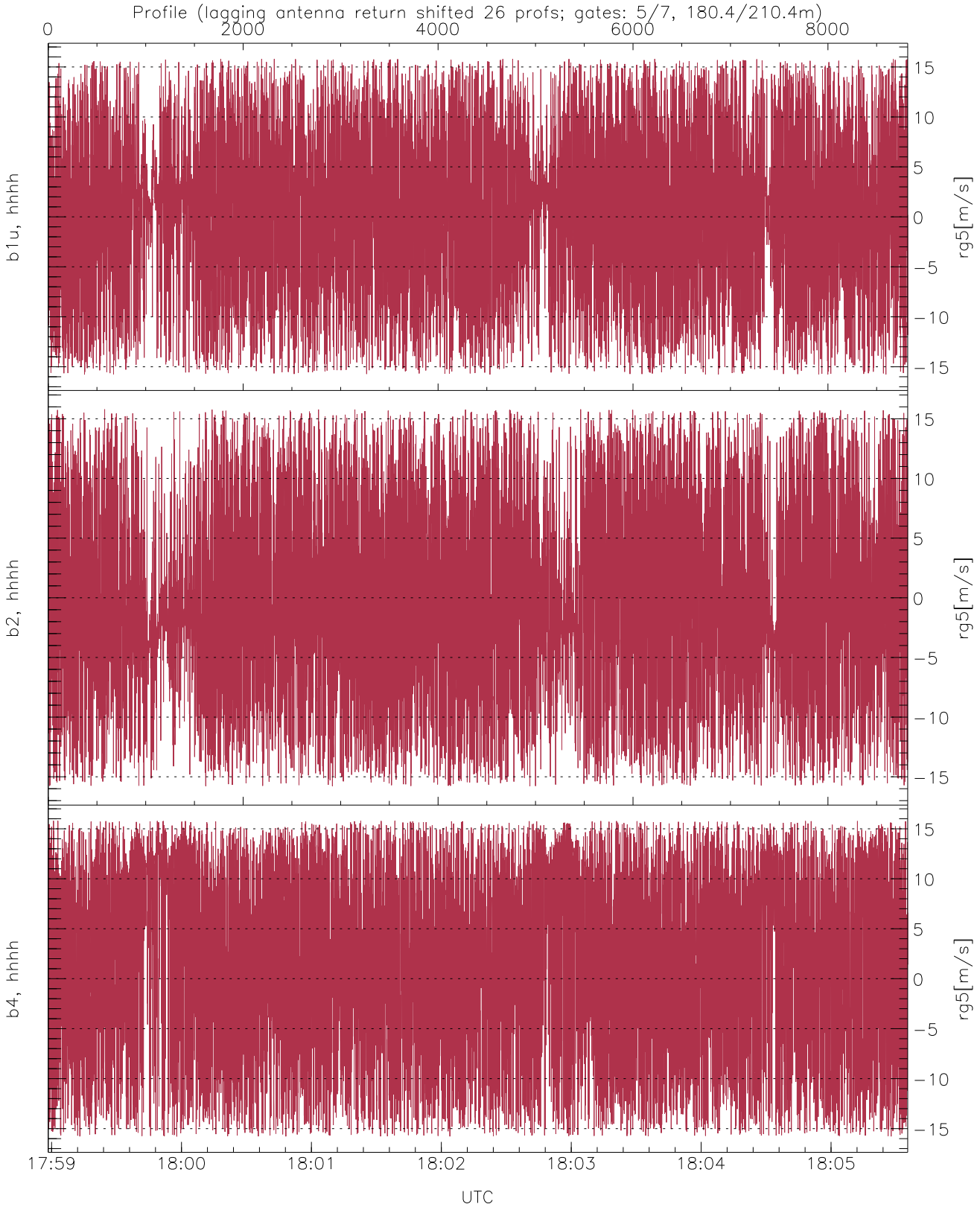
	Min	Max	Mean
up(hh[dBm])	-66.50	-45.42	-63.73
down(hh[dBm])	-66.59	-41.58	-62.73
down-fore(hh[dBm])	-65.97	-47.15	-64.09





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

	Min	Max	Mean
up/down(dB)	-21.85	20.02	-0.47
down/down-fore(dB)	-13.55	21.95	0.20



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.45	8.04
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.49	7.96
b4, hhhh(rg5[m/s])	-15.79	15.79	1.44	9.36