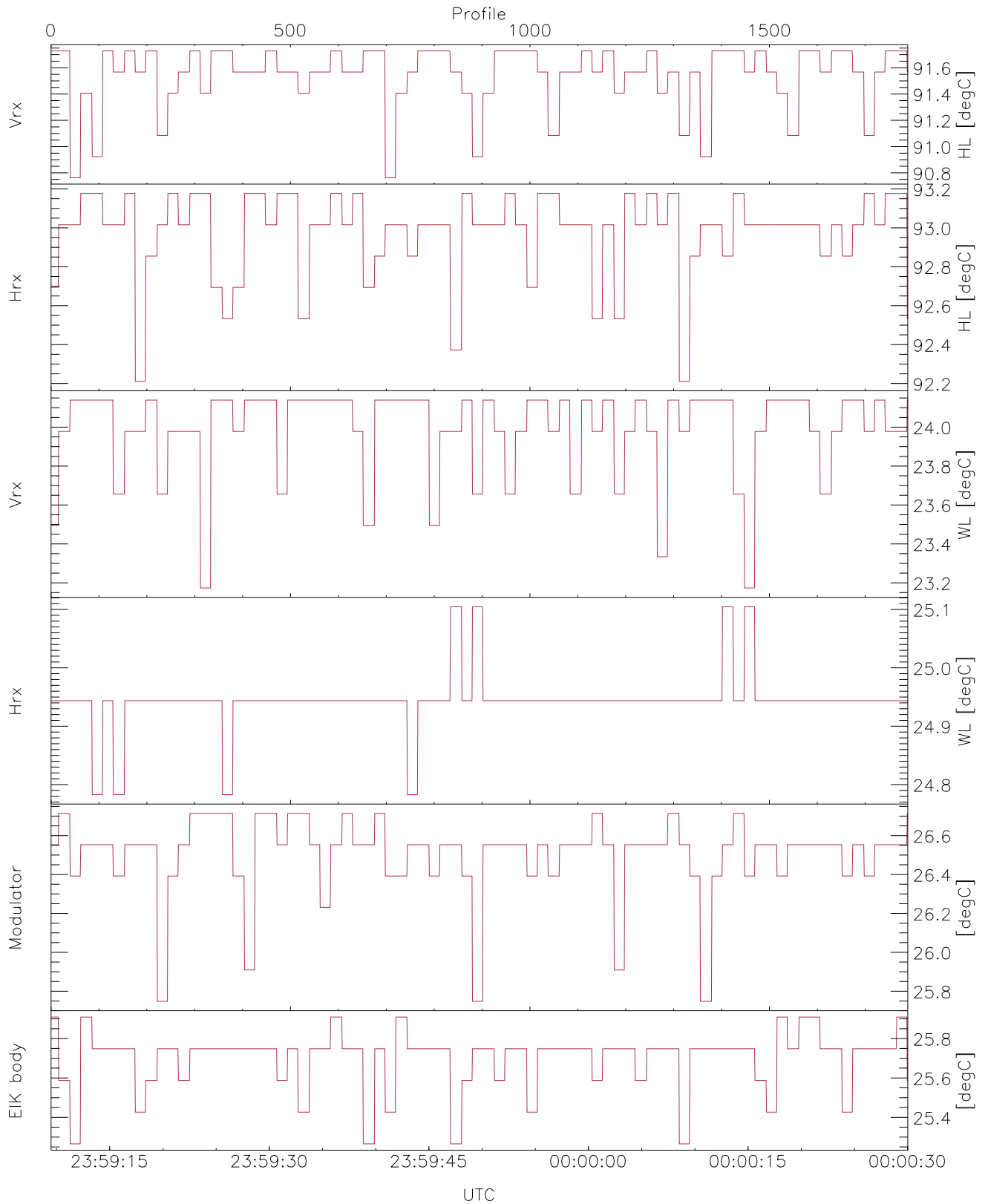


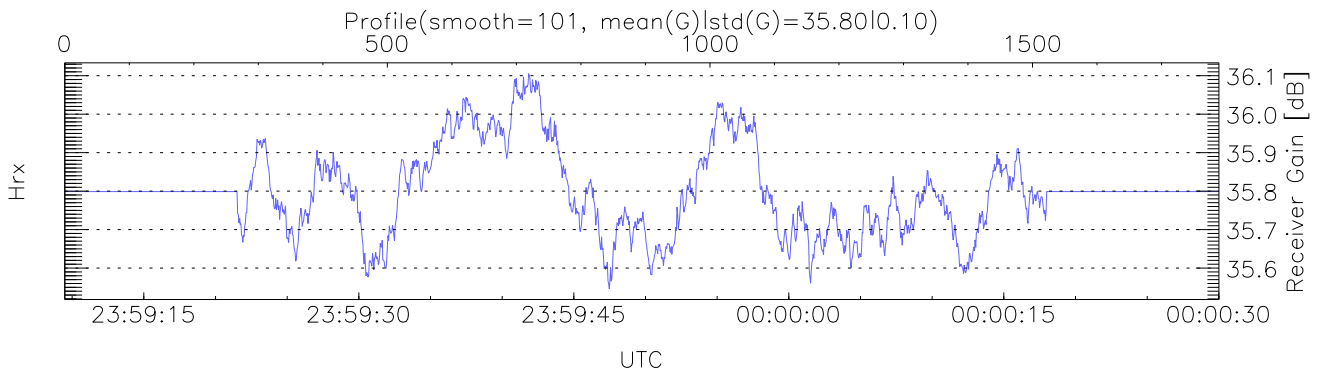
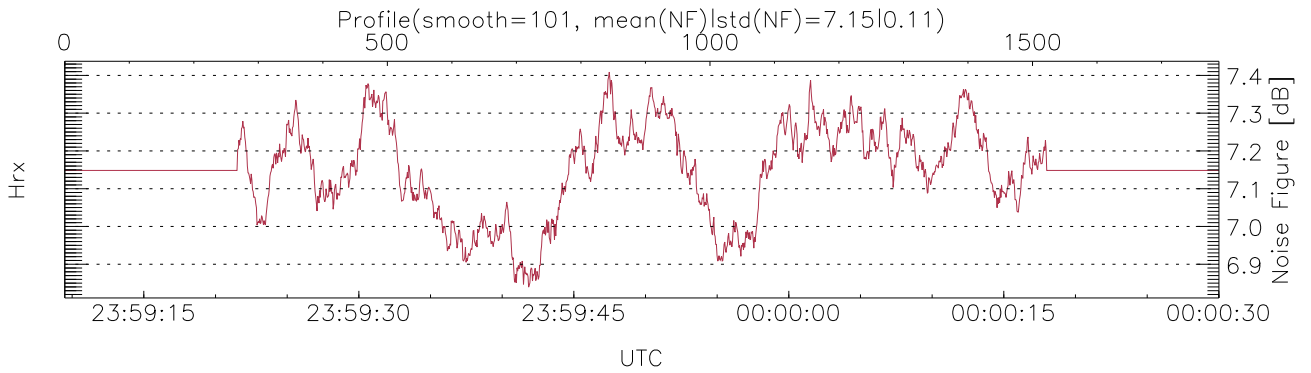
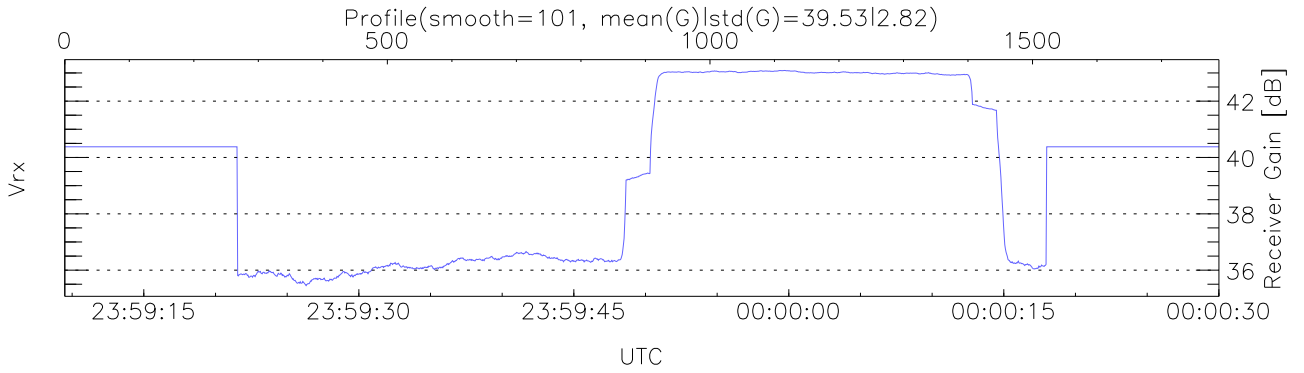
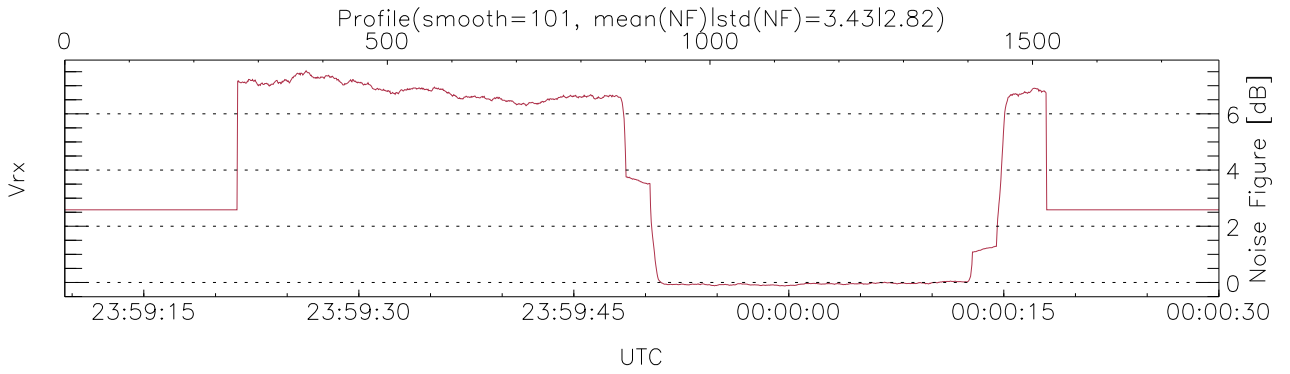
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:59:09-00:00:30, TimeCor: 0.00s, Dur: 80.53s
 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): 1790/1790, 0-1789/23:59:09-00:00:30
 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



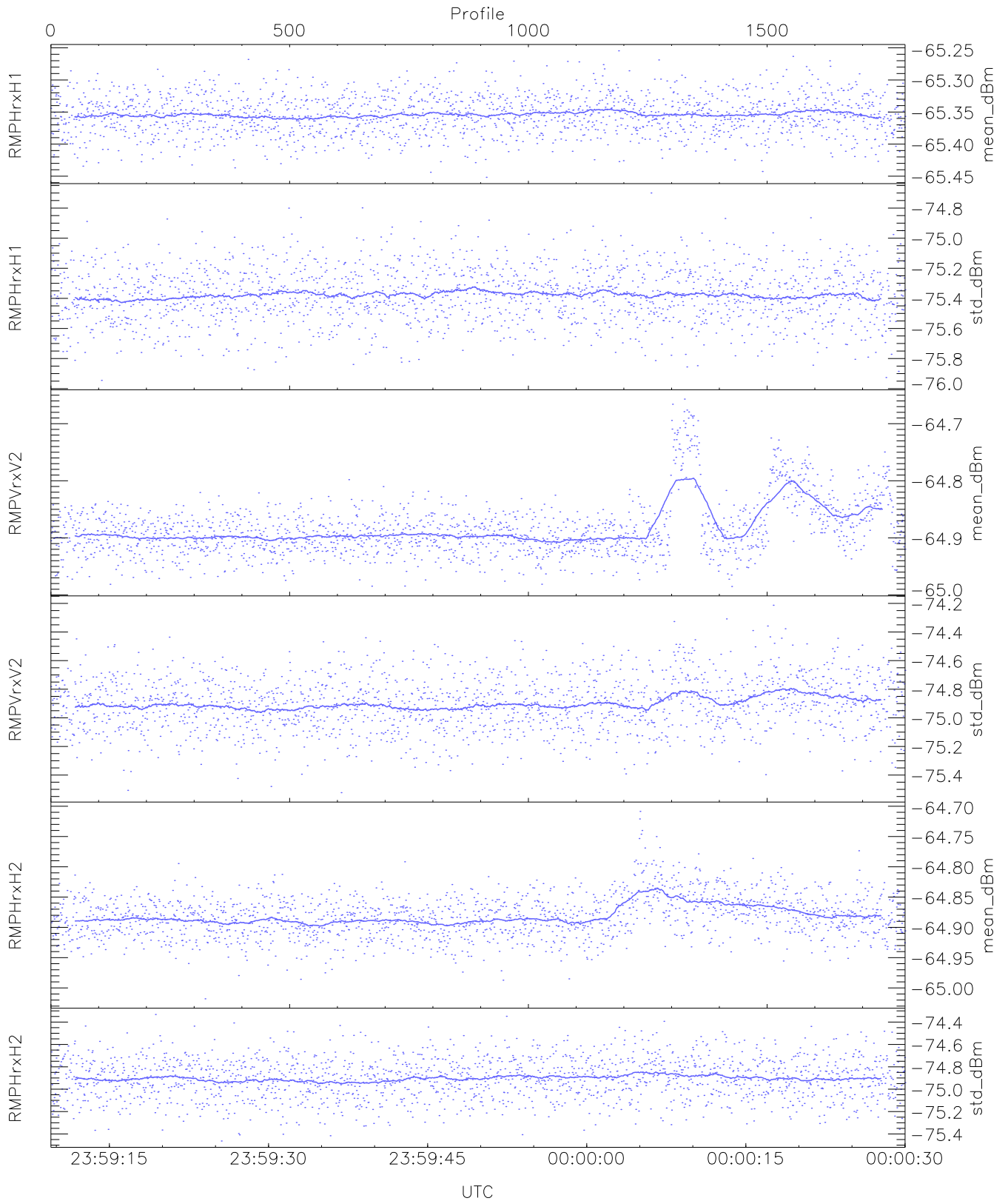
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,24,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,26,25
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



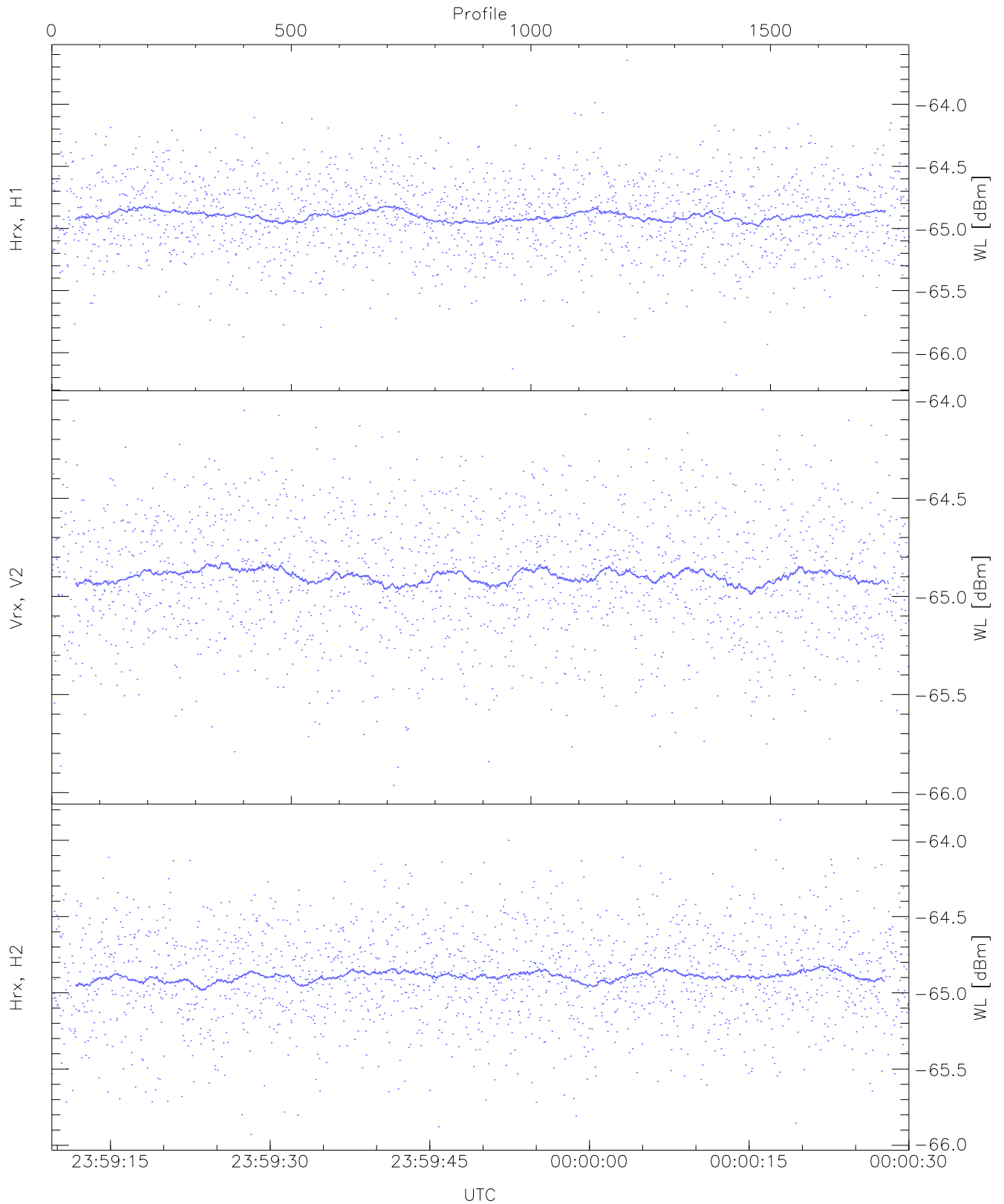
WCR3 CPP Receivers Gain and Noise Figure

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



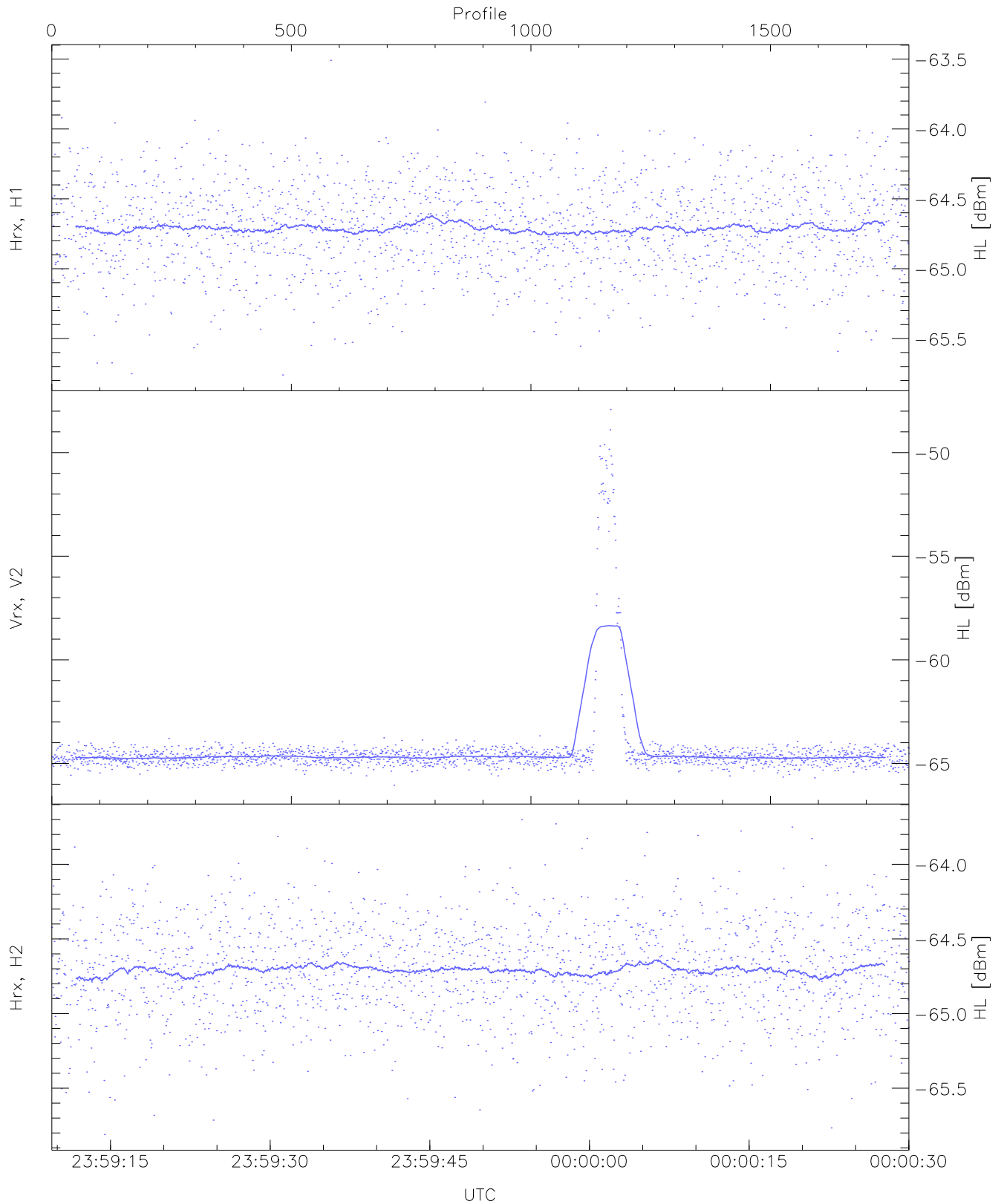
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.25	-65.35	-65.35	-86.98
RMPHrxH1 (std_dBm)	-75.95	-74.70	-75.38	-75.38	-89.24
RMPVrxV2 (mean_dBm)	-64.99	-64.66	-64.88	-64.89	-84.28
RMPVrxV2 (std_dBm)	-75.52	-74.21	-74.90	-74.90	-88.65
RMPHrxH2 (mean_dBm)	-65.02	-64.71	-64.88	-64.88	-85.95
RMPHrxH2 (std_dBm)	-75.46	-74.33	-74.90	-74.90	-88.75



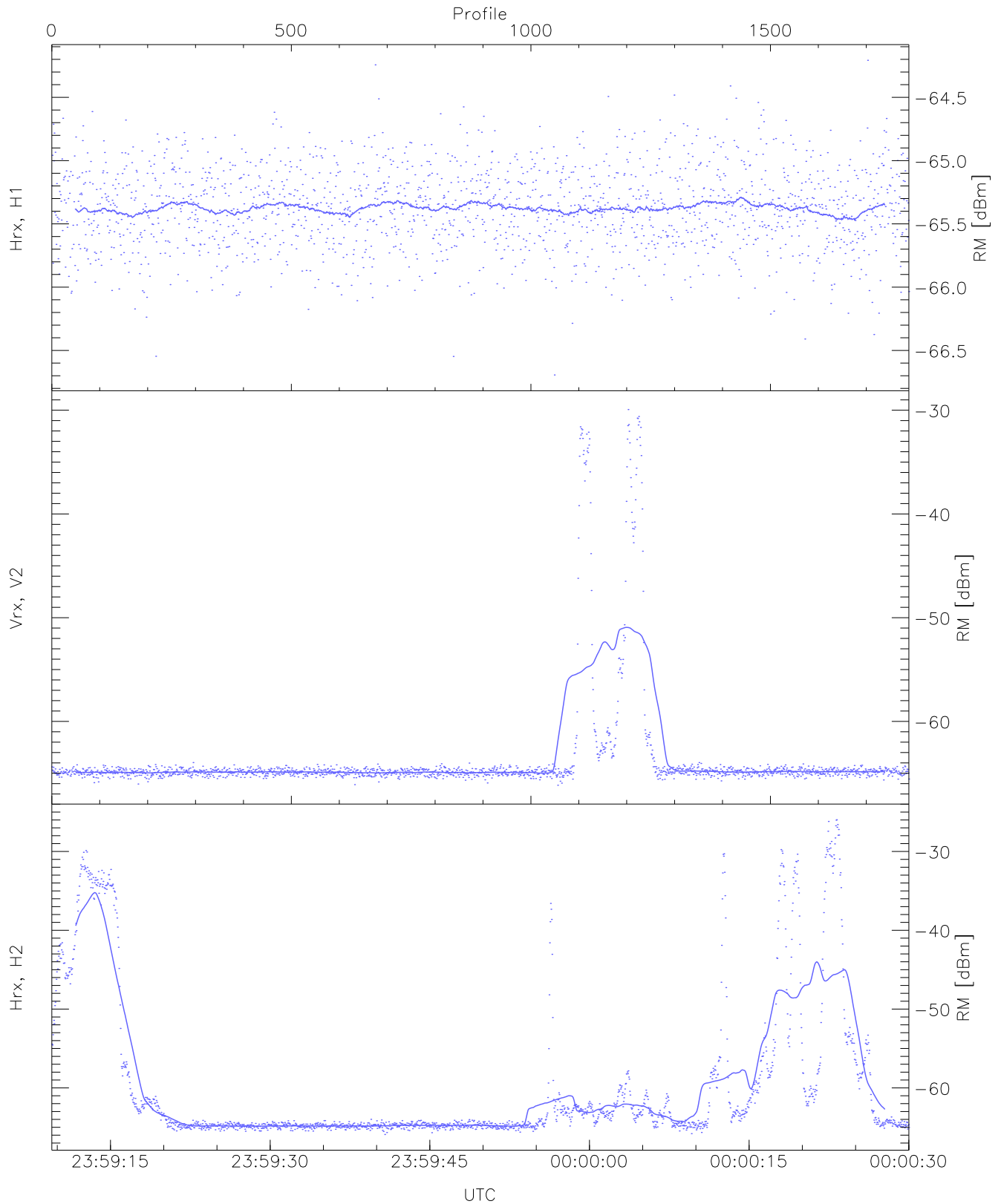
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.18	-63.65	-64.89	-64.89	-76.40
Vrx, V2(WL [dBm])	-65.96	-64.05	-64.89	-64.90	-76.39
Hrx, H2(WL [dBm])	-65.93	-63.87	-64.89	-64.90	-76.45



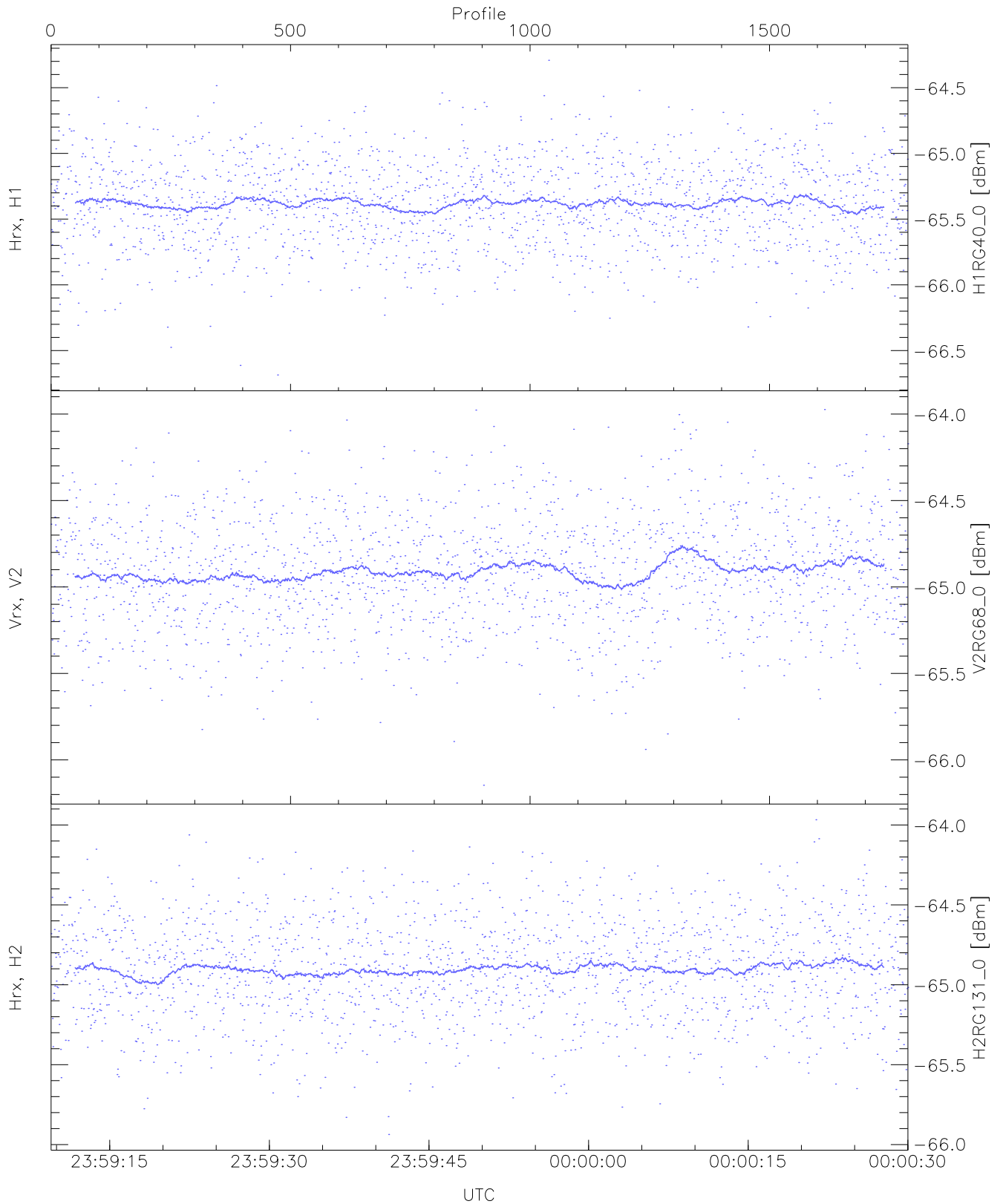
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.76	-63.51	-64.70	-64.70	-76.30
Vrx, V2 (HL [dBm])	-66.05	-47.92	-62.98	-64.68	-59.62
Hrx, H2 (HL [dBm])	-65.81	-63.70	-64.70	-64.70	-76.22



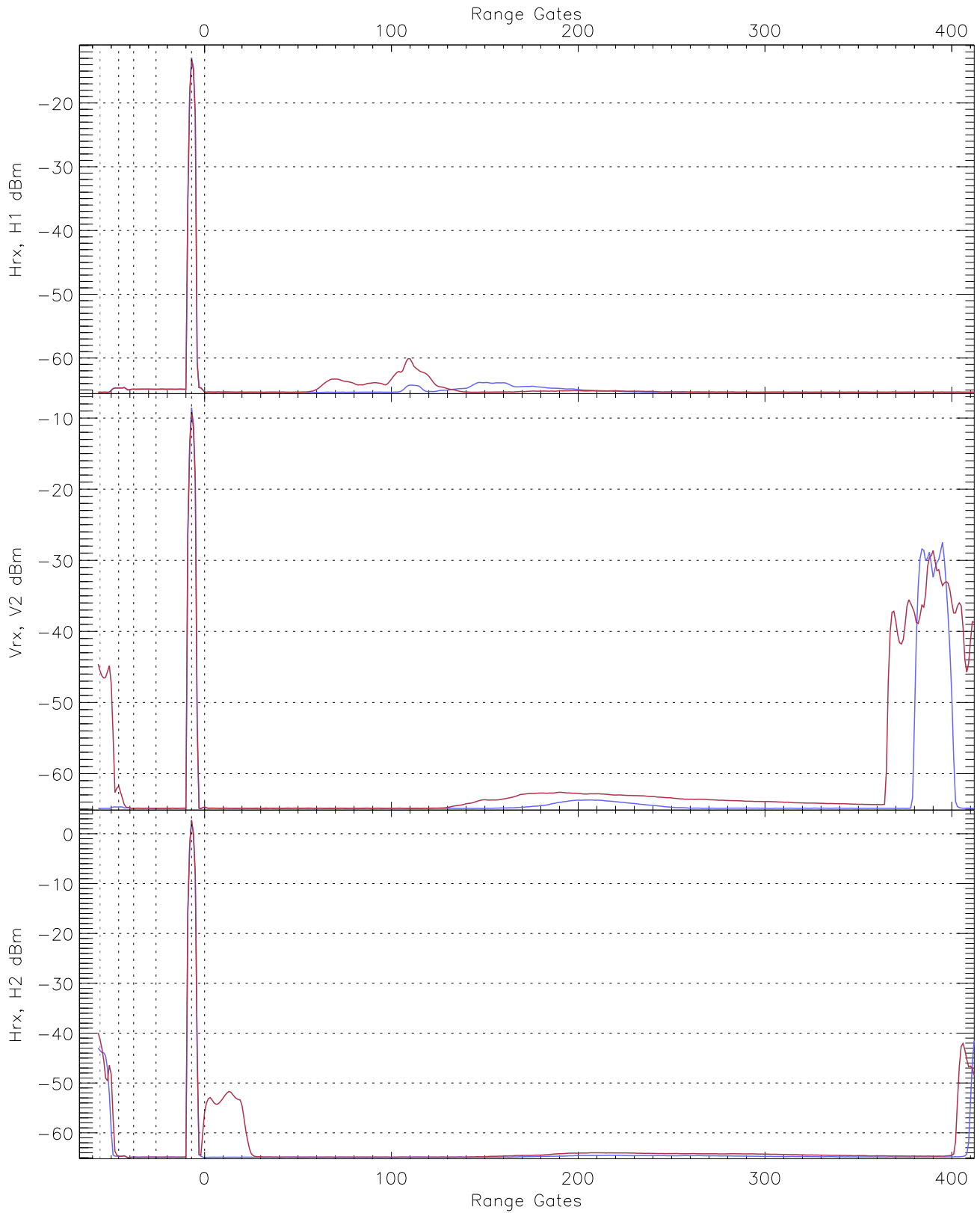
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-64.21	-65.36	-65.37	-76.76
Vrx, V2 (RM [dBm])	-66.16	-29.93	-48.52	-64.85	-40.67
Hrx, H2 (RM [dBm])	-65.91	-25.98	-42.26	-64.28	-36.45

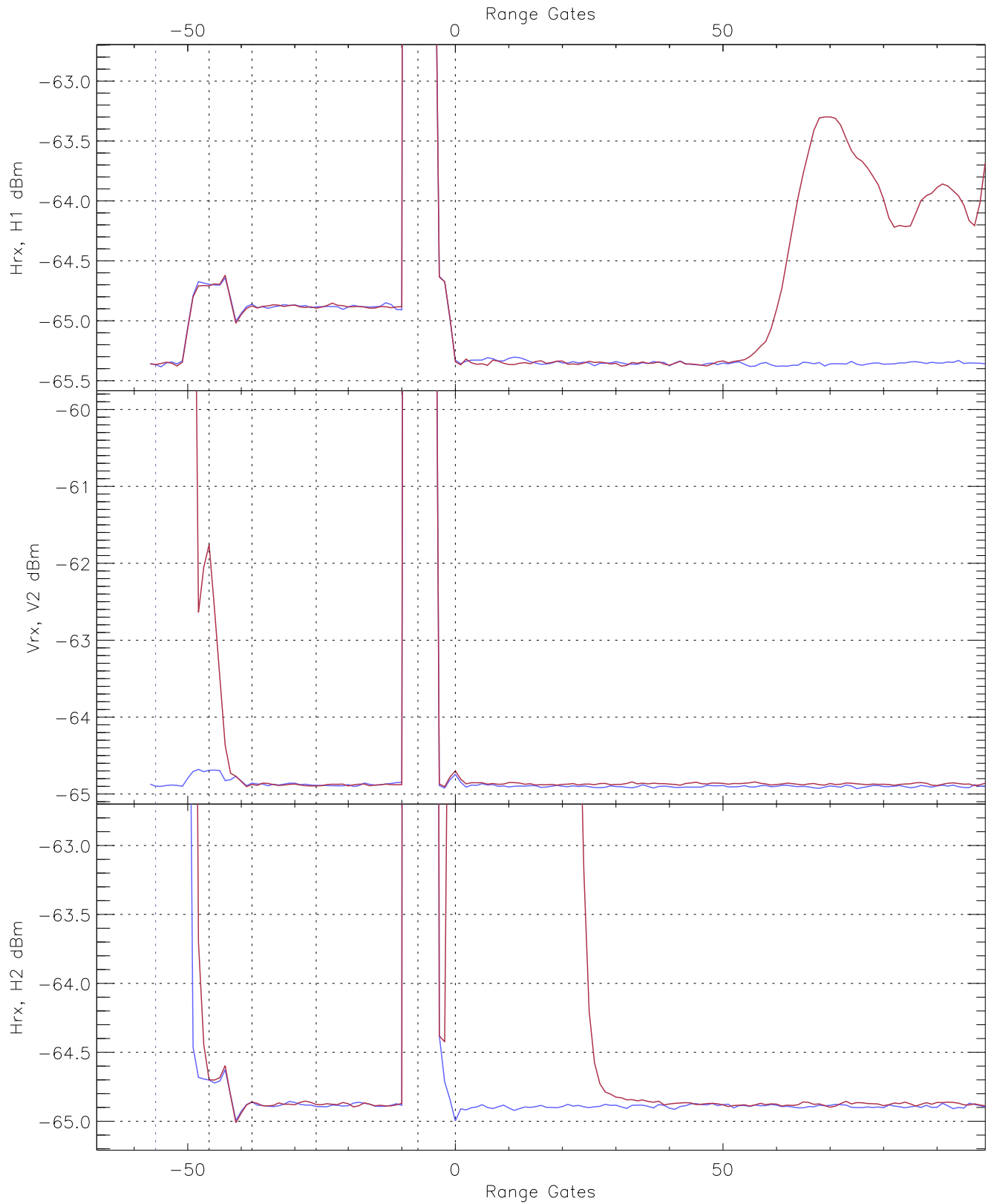


WCR3 CPP "Best" estimate Receivers Noise Power

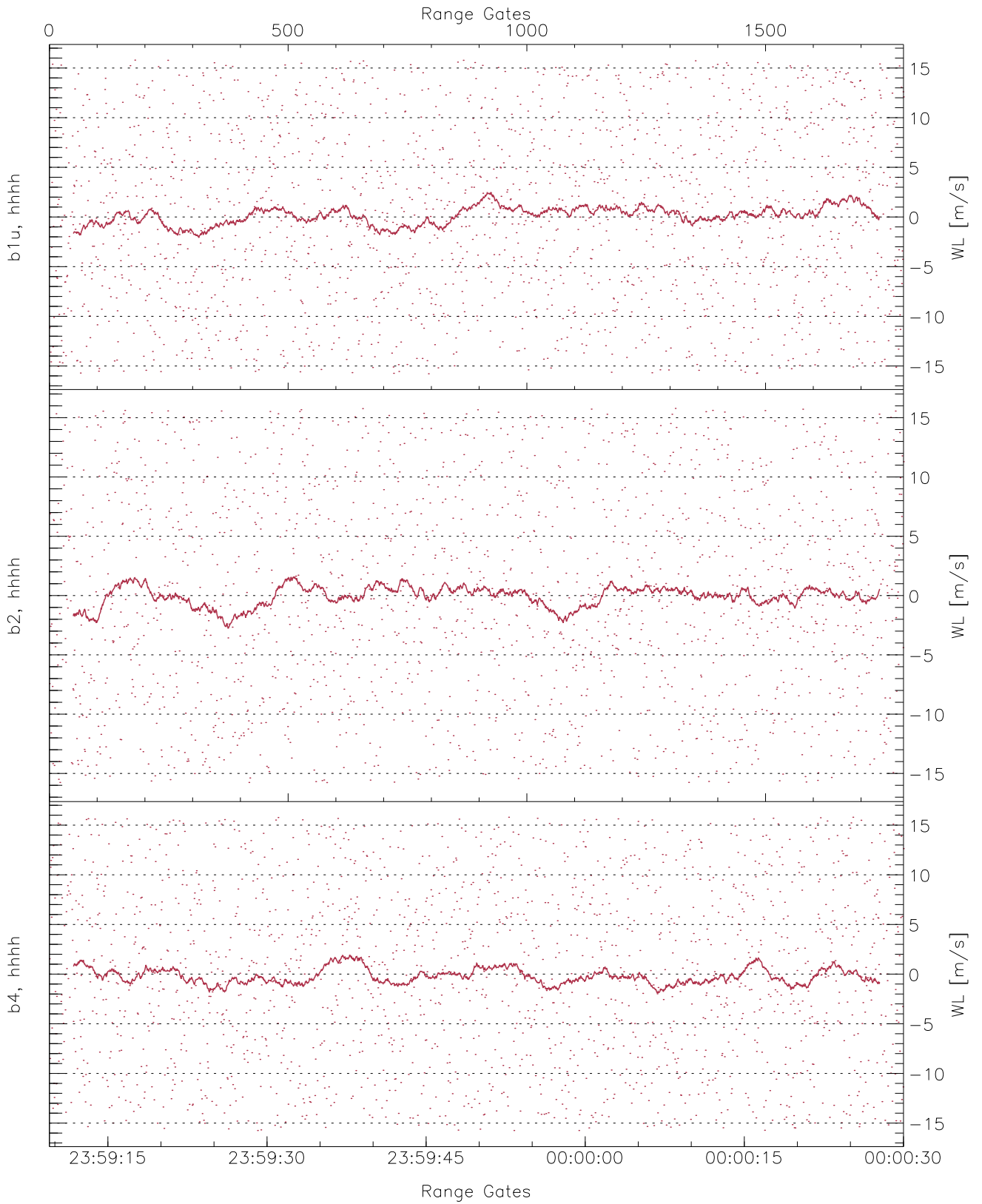
	Min	Max	Mean	Median	StDev
H1RG40_0 [dBm]	-66.69	-64.29	-65.37	-65.38	-76.75
V2RG68_0 [dBm]	-66.15	-63.97	-64.90	-64.91	-76.28
H2RG131_0 [dBm]	-65.94	-63.97	-64.90	-64.90	-76.49



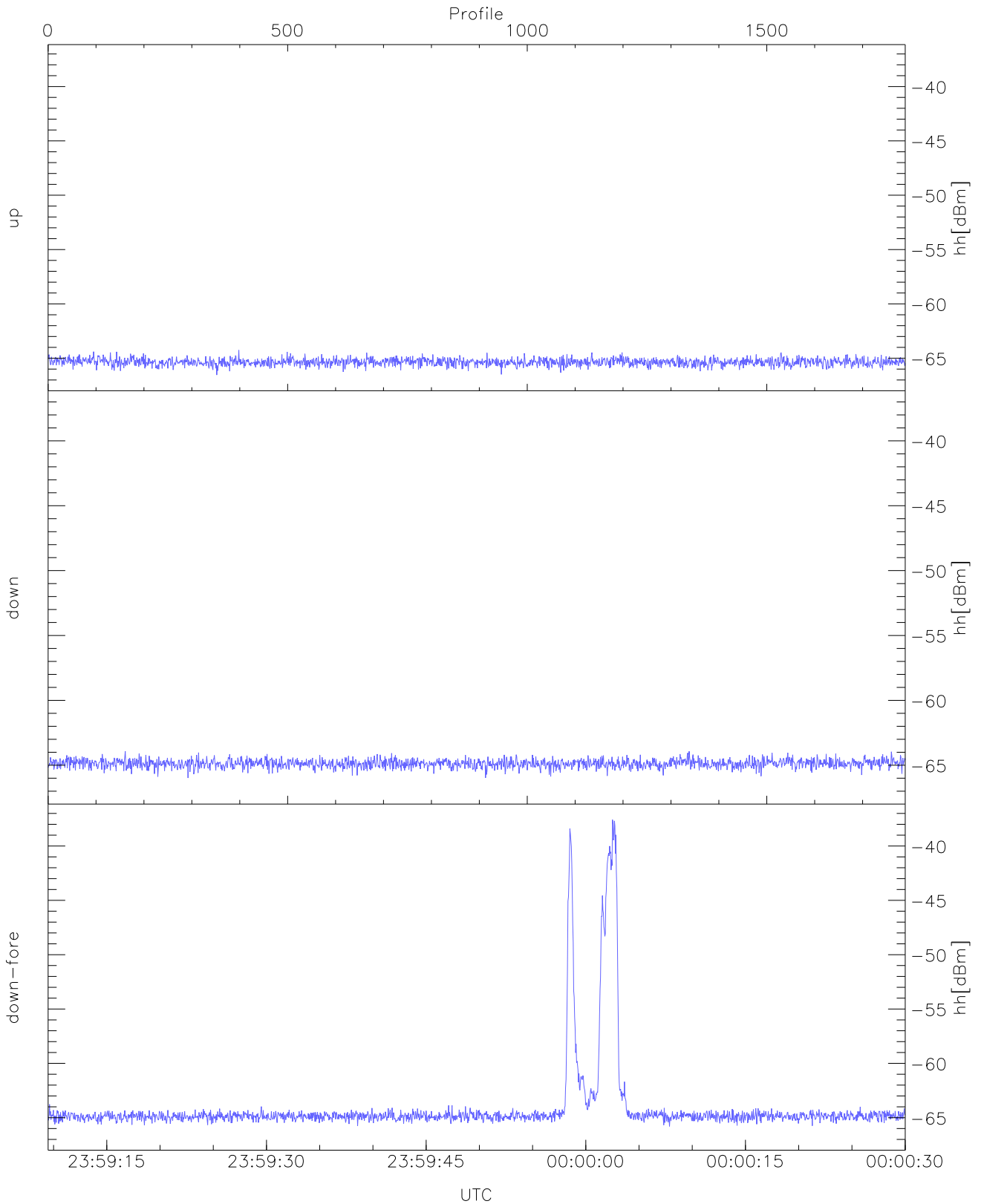
WCR3 CPP Averaged Received power for all recorded gates
blue: 235909-235950, 896 profiles averaged
red: 235950-000030, 895 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 235909-235950, 896 profiles averaged
red: 235950-000030, 895 profiles averaged

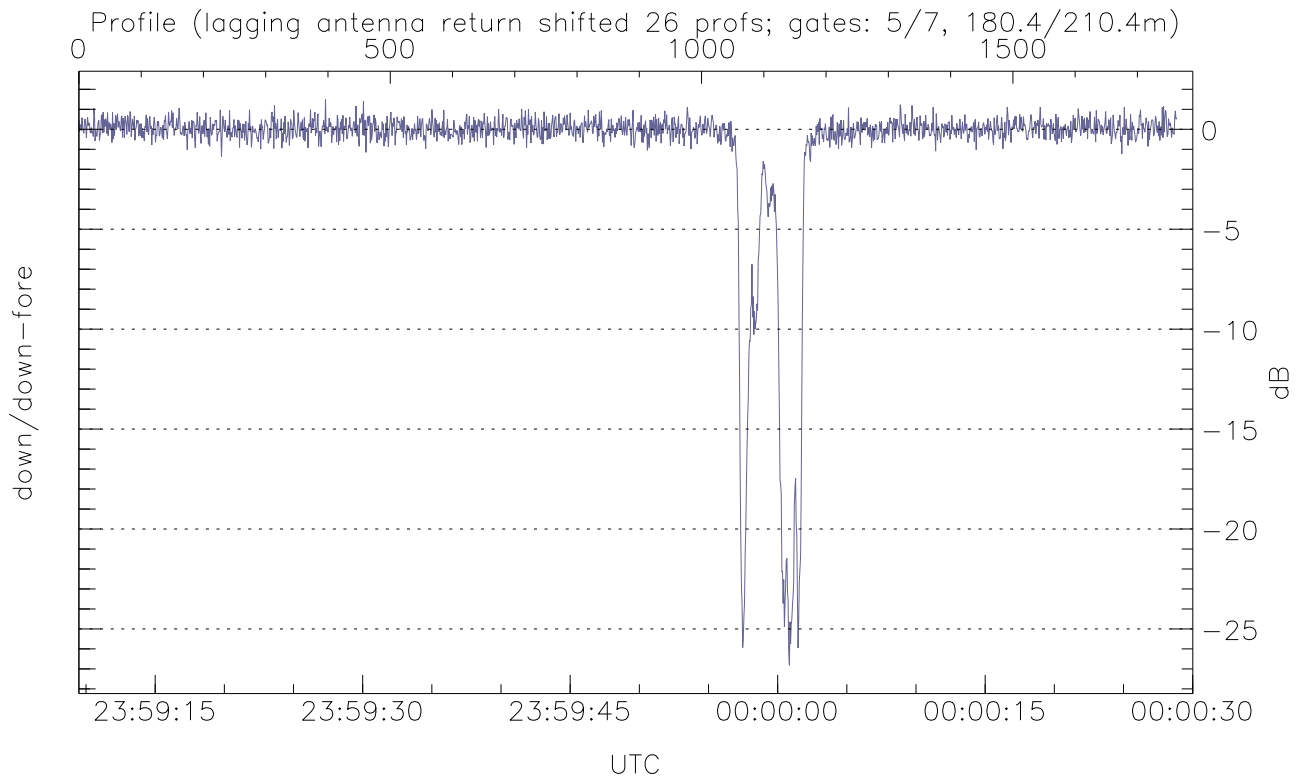
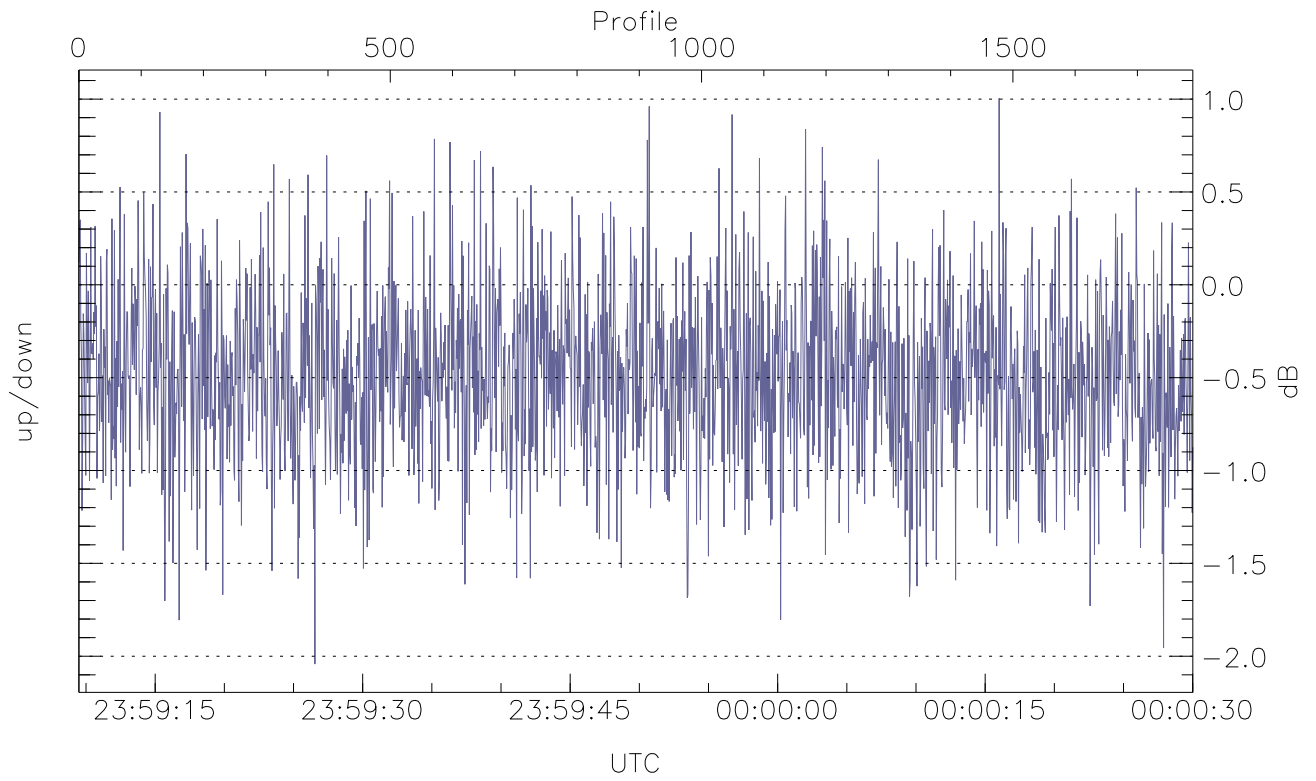


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



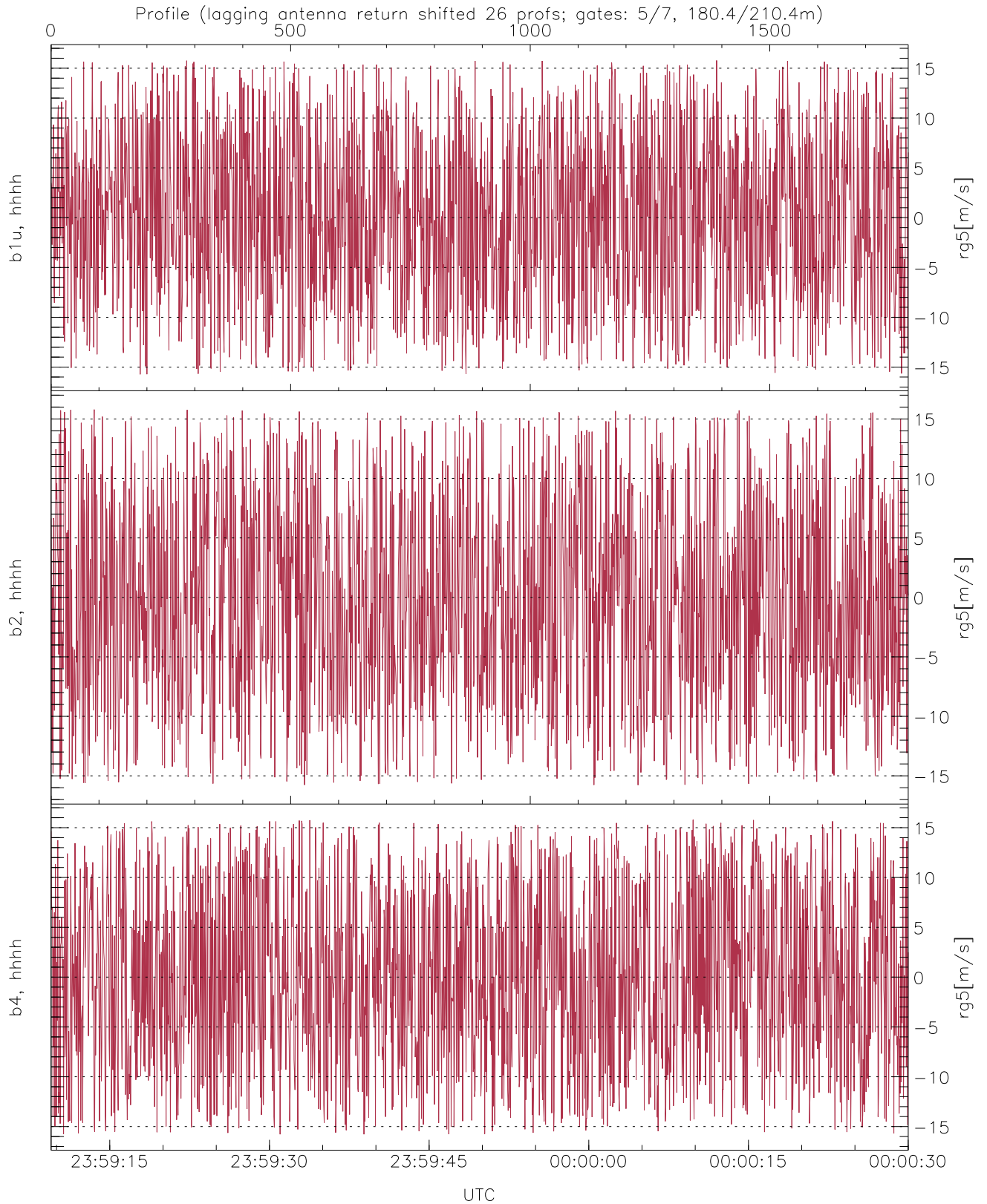
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.54	-64.25	-65.34
down(hh[dBm])	-65.98	-63.92	-64.86
down-fore(hh[dBm])	-65.80	-37.59	-56.66



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

	Min	Max	Mean
up/down (dB)	-2.04	1.00	-0.48
down/down-fore (dB)	-26.82	1.49	-0.79



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.73	15.78	0.13	8.51
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.17	8.47
b4, hhhh(rg5[m/s])	-15.78	15.79	0.00	8.86