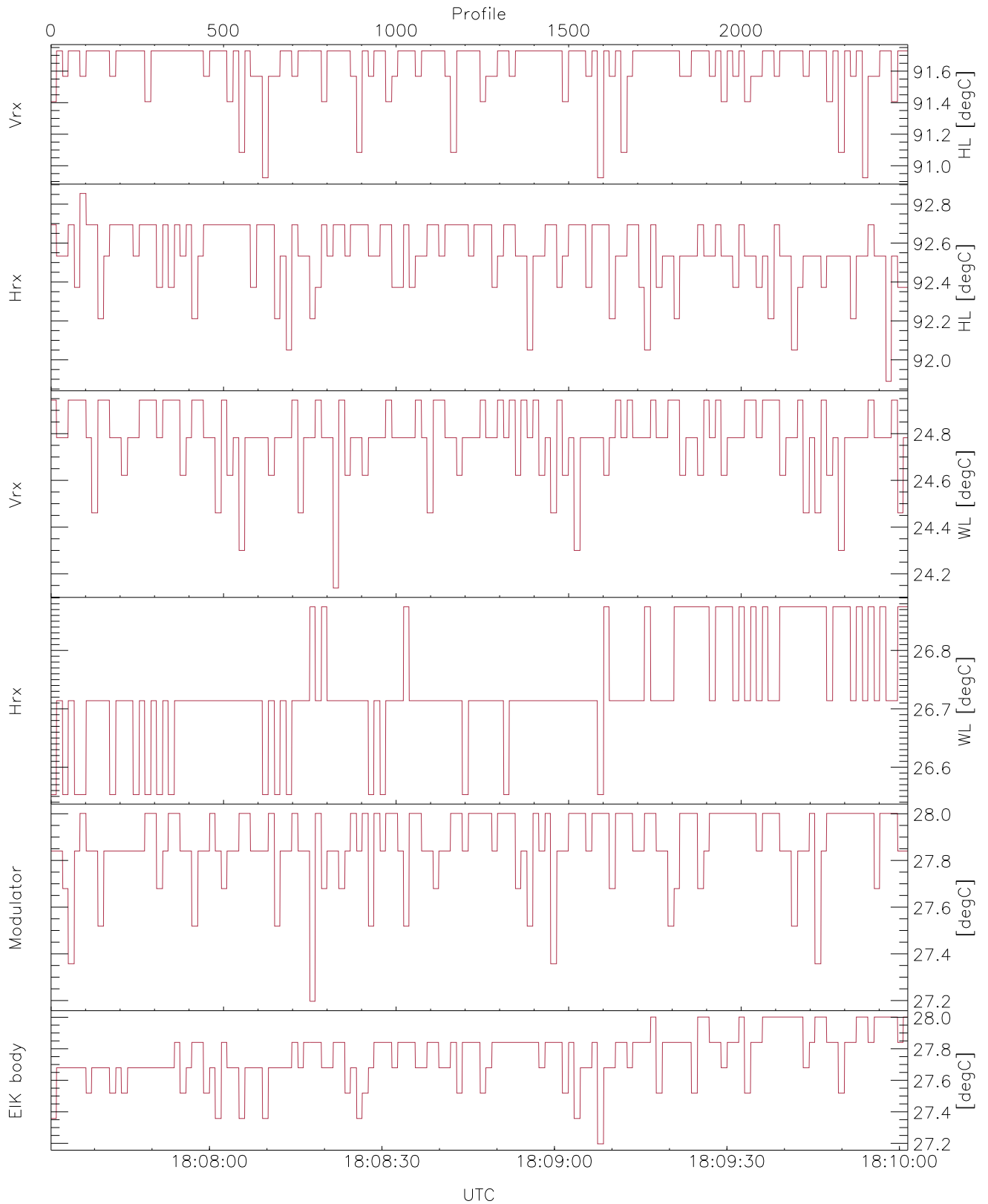


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

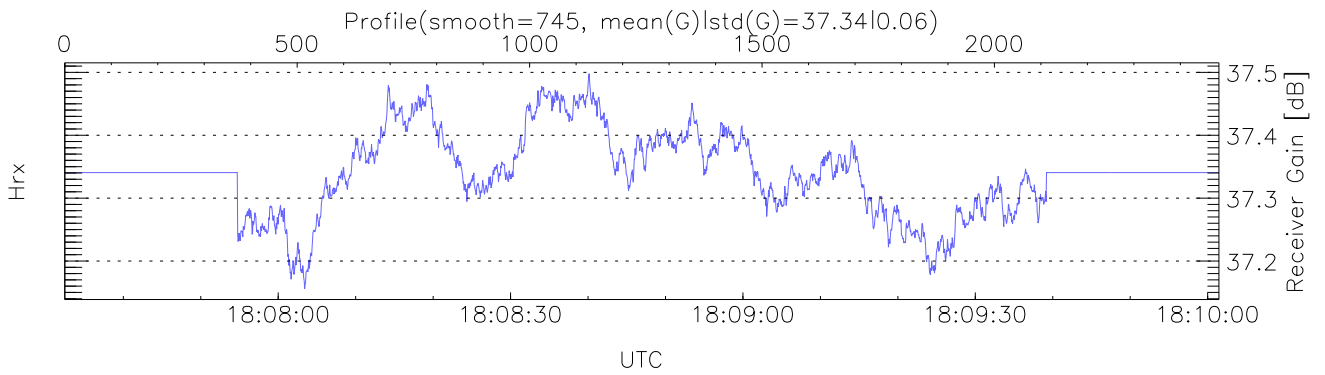
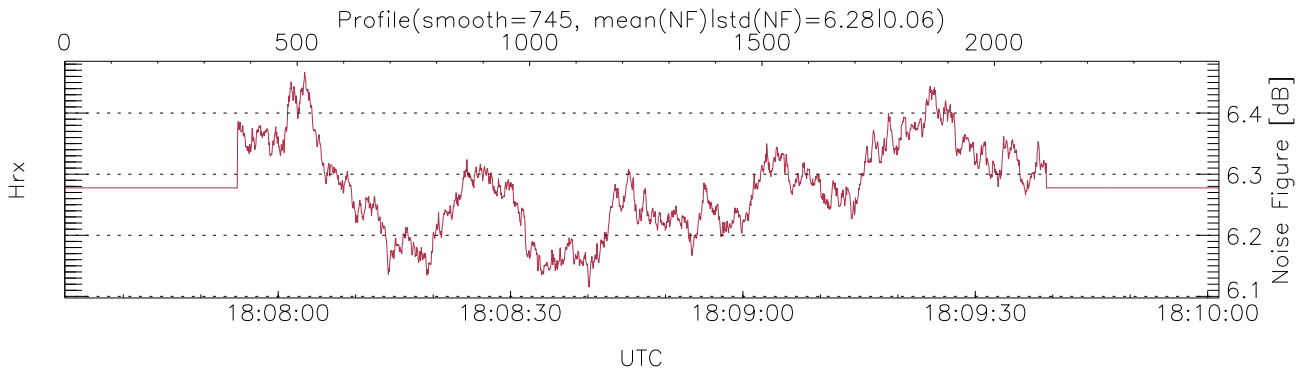
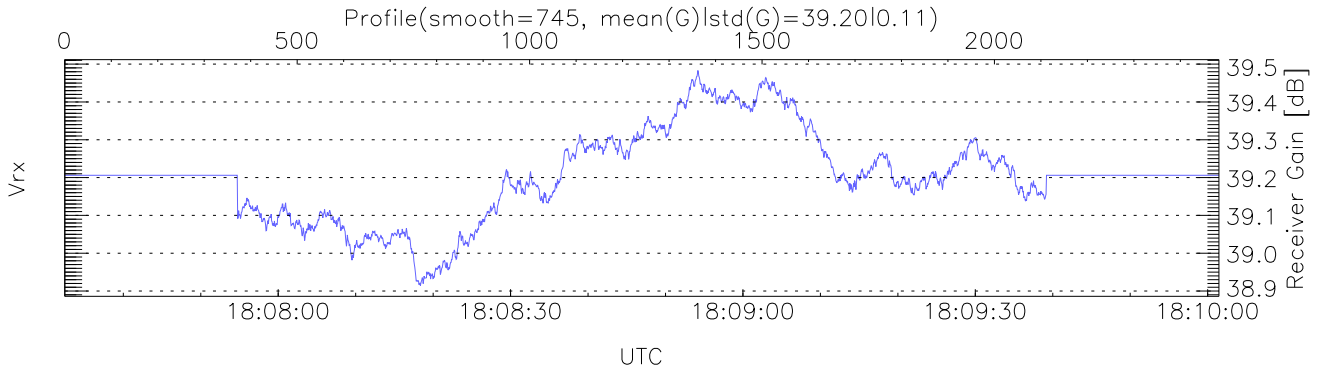
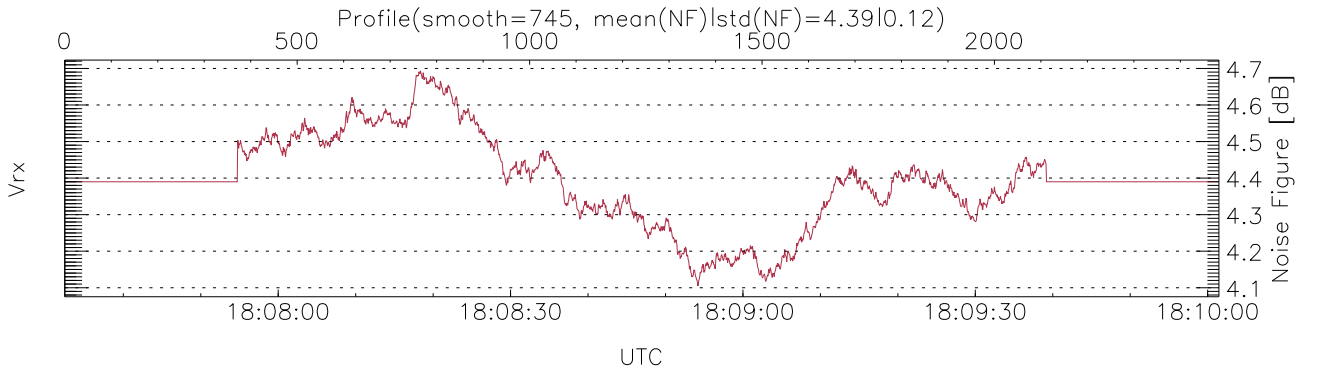
UTC: 18:07:32-18:10:01, TimeCor: 0.00s, Dur: 149.02s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 60.0,60.0,60.0,0.0 ms / 16.7,16.7,16.7
 NumRec(r/t): 2484/2484, 0-2483/18:07:32-18:10:01
 AcqTime: 60.0ms, Rate: 0.341MB/s, Averages (req.,actual): 200,200
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 V2 V2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 94, 3598, 7.5 m, Gates: 468, Aspect: 1.4
 Mirror(-910112,3,9x = no mirror|sidelup|error): 3



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

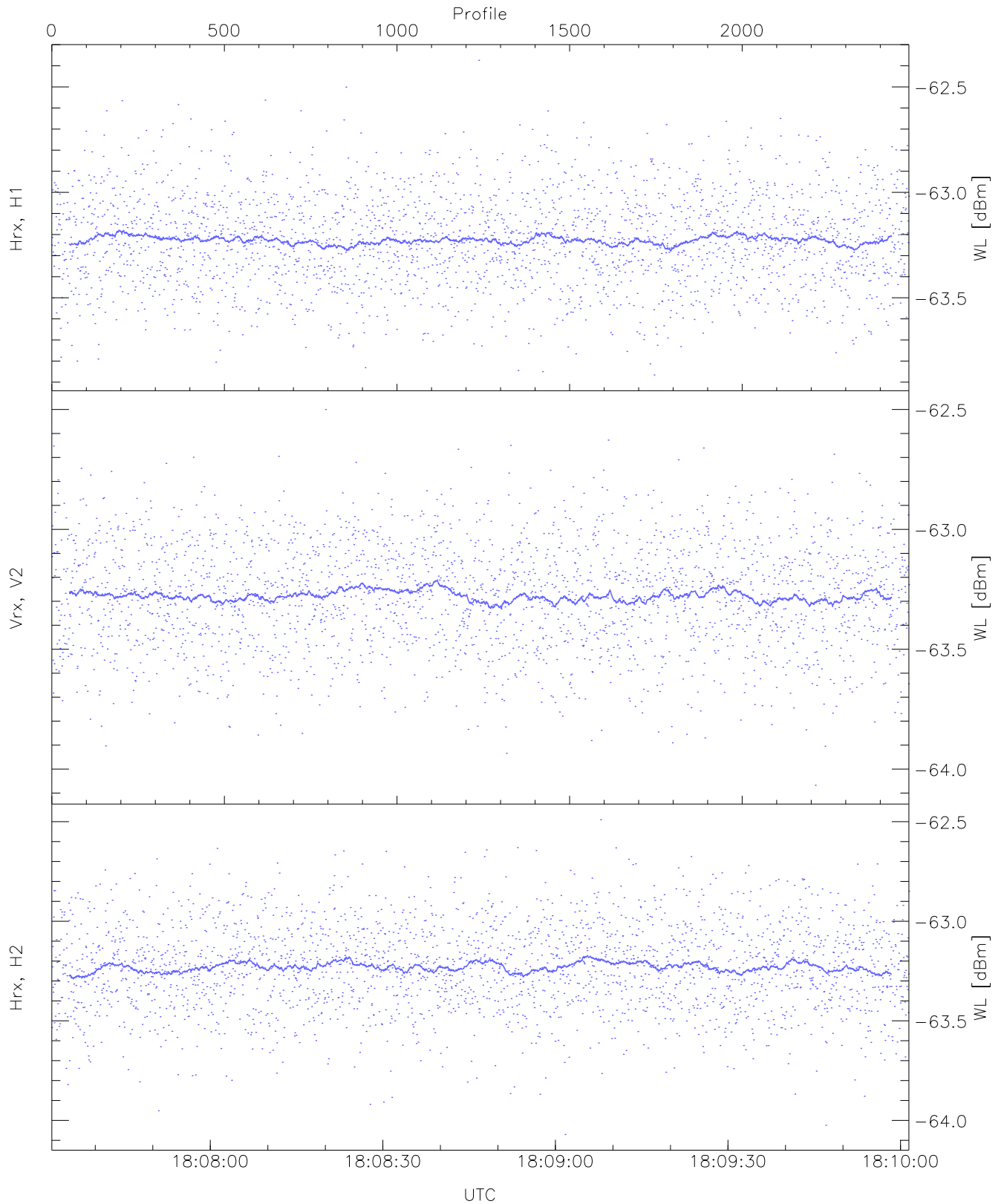
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,24,26,27,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,28,28`
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (18,18,18,18,18,18)`



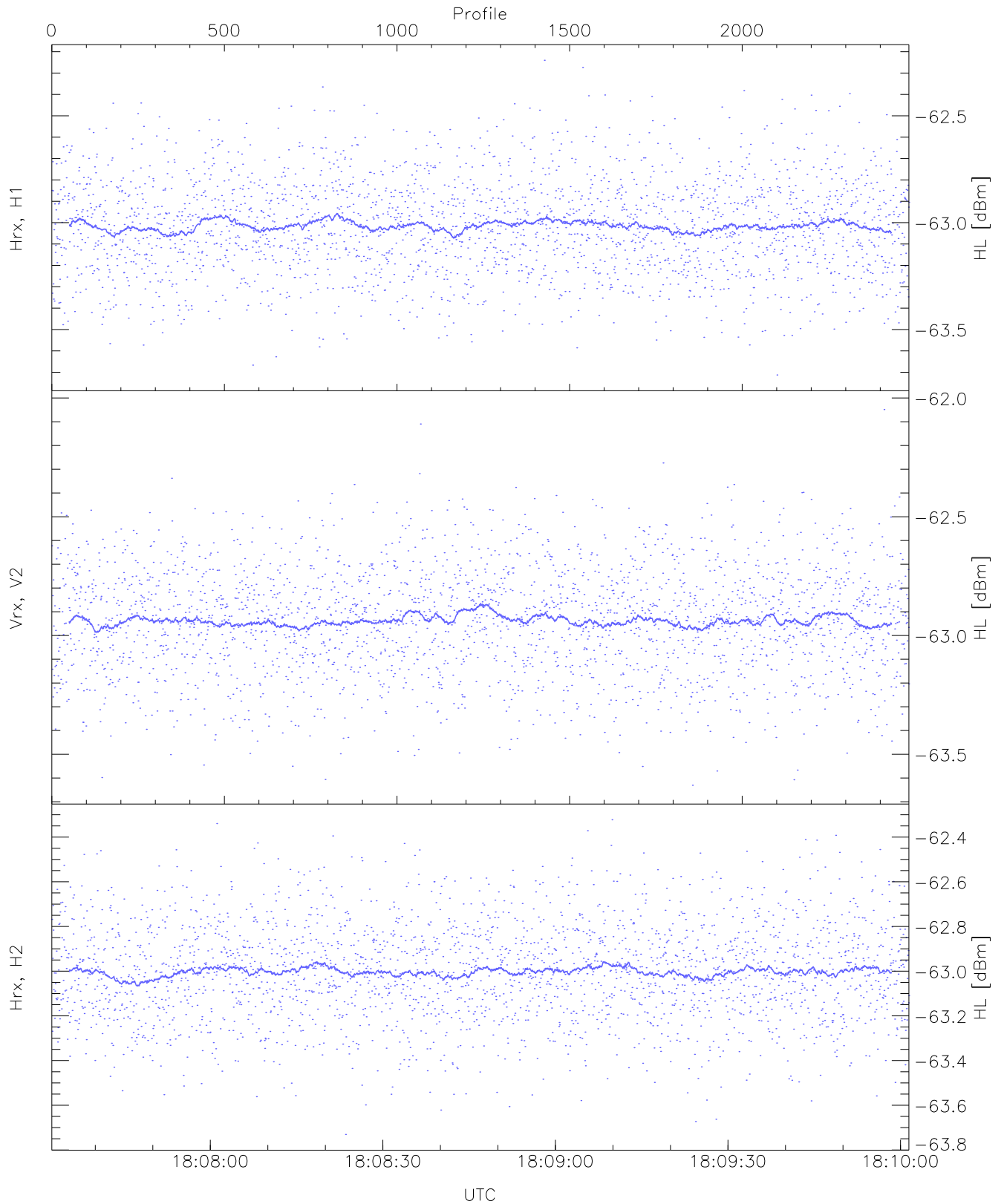
WCR3 CPP Receivers Gain and Noise Figure

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



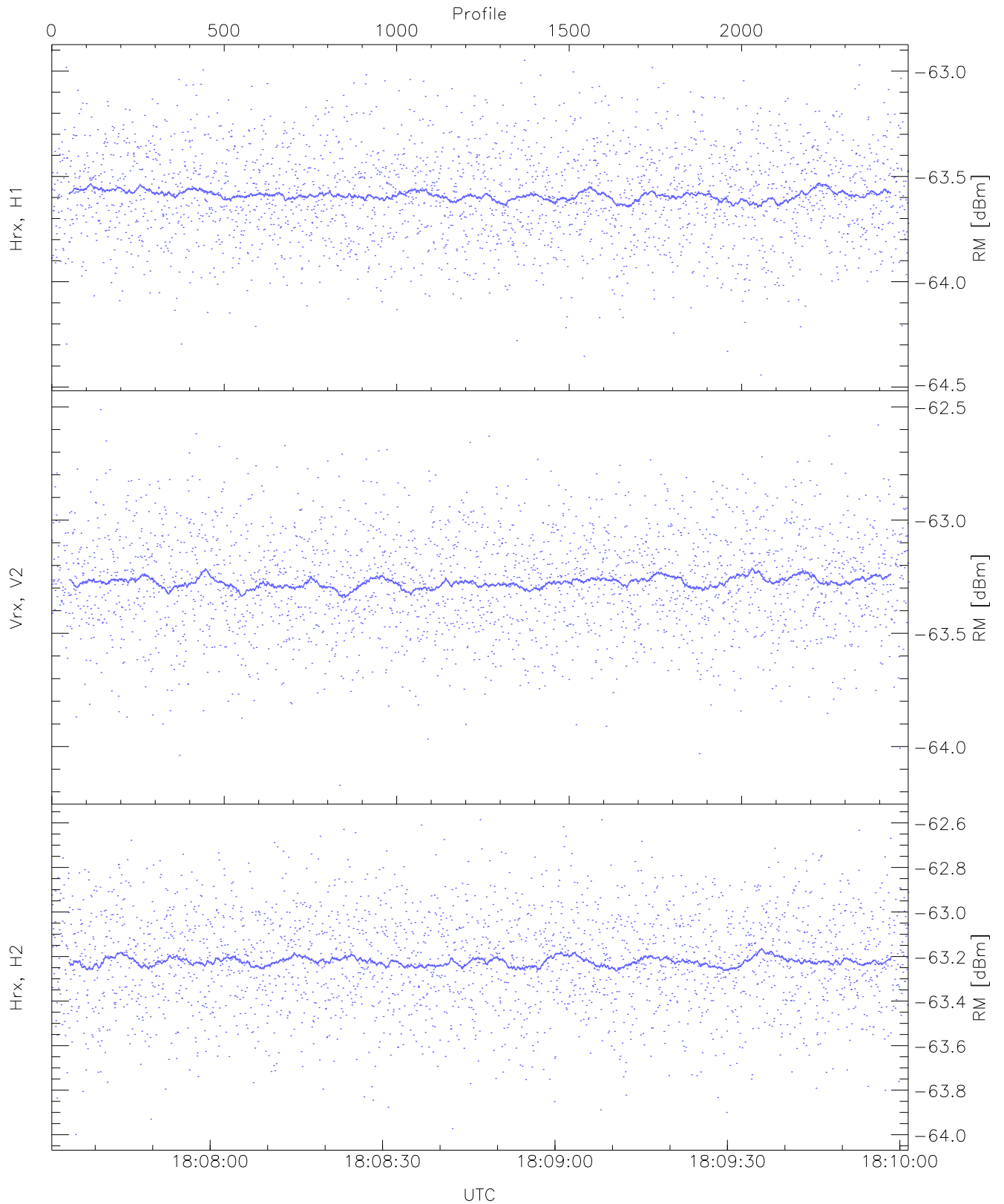
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.87	-62.37	-63.22	-63.23	-76.29
Vrx, V2 (WL [dBm])	-64.07	-62.50	-63.27	-63.27	-76.32
Hrx, H2 (WL [dBm])	-64.07	-62.49	-63.23	-63.23	-76.31



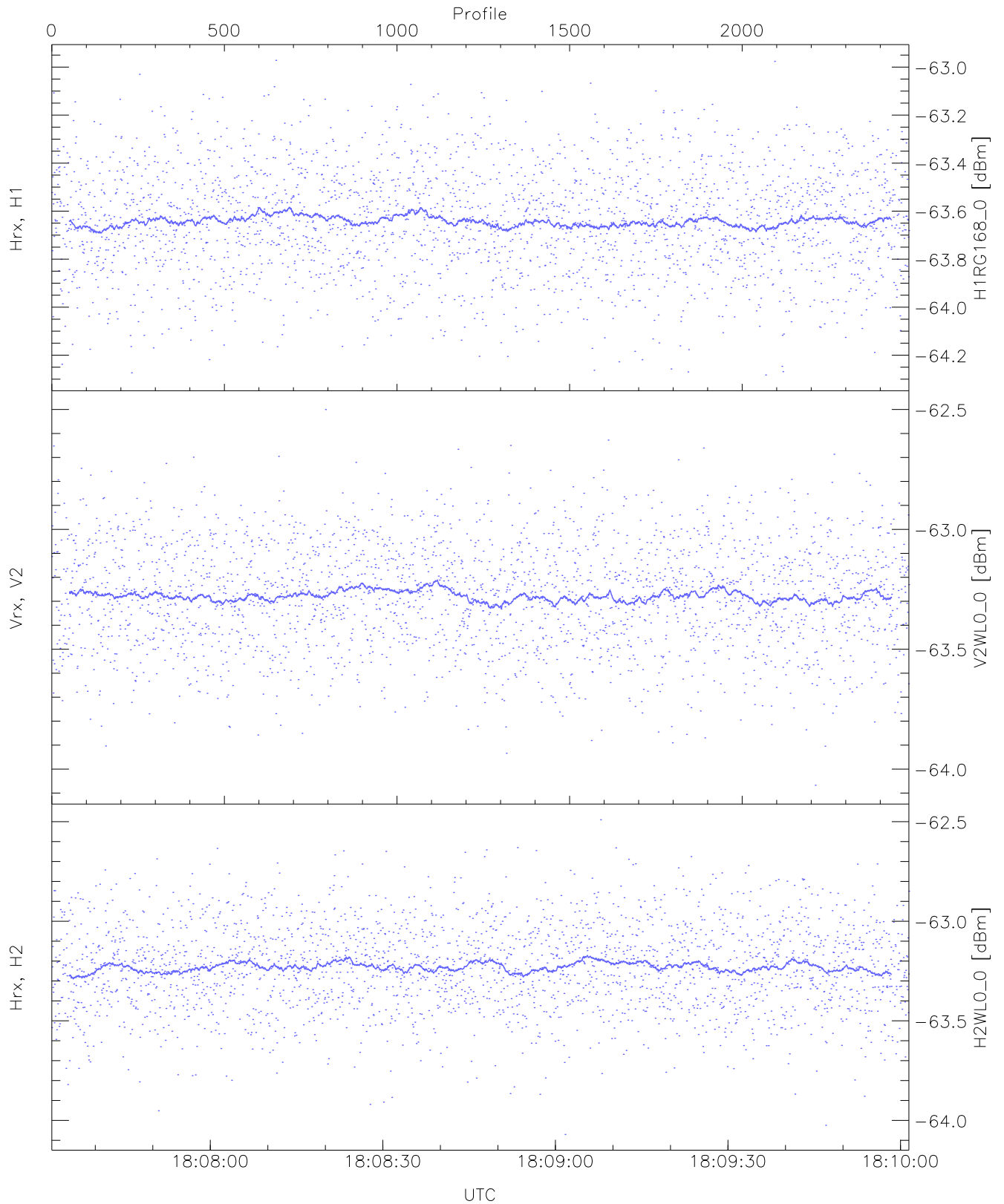
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.71	-62.24	-63.01	-63.02	-76.01
Vrx, V2 (HL [dBm])	-63.63	-62.05	-62.93	-62.93	-75.91
Hrx, H2 (HL [dBm])	-63.73	-62.32	-63.00	-63.00	-76.07



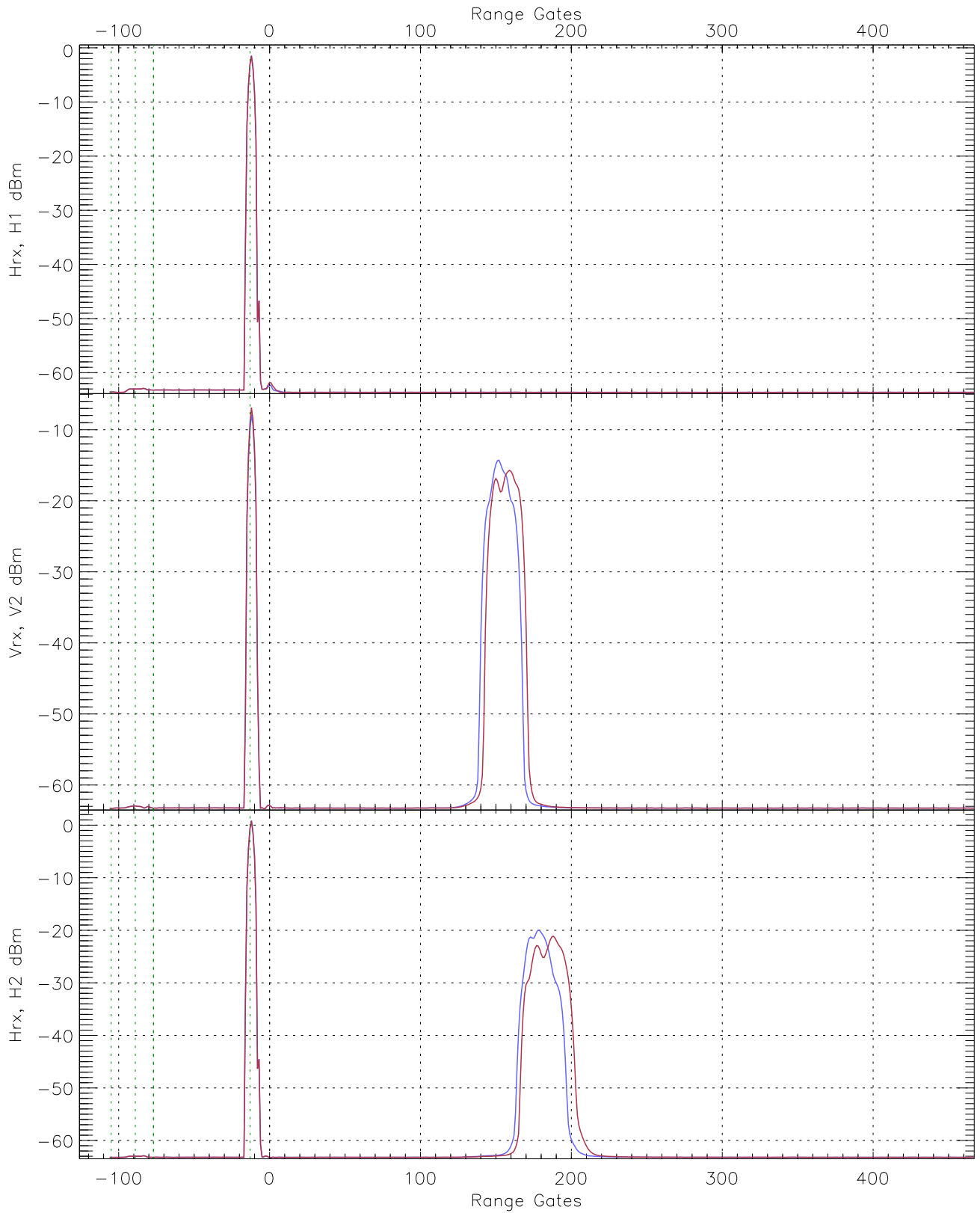
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.44	-62.95	-63.58	-63.59	-76.51
Vrx, V2 (RM [dBm])	-64.17	-62.51	-63.27	-63.27	-76.19
Hrx, H2 (RM [dBm])	-64.00	-62.59	-63.22	-63.22	-76.18

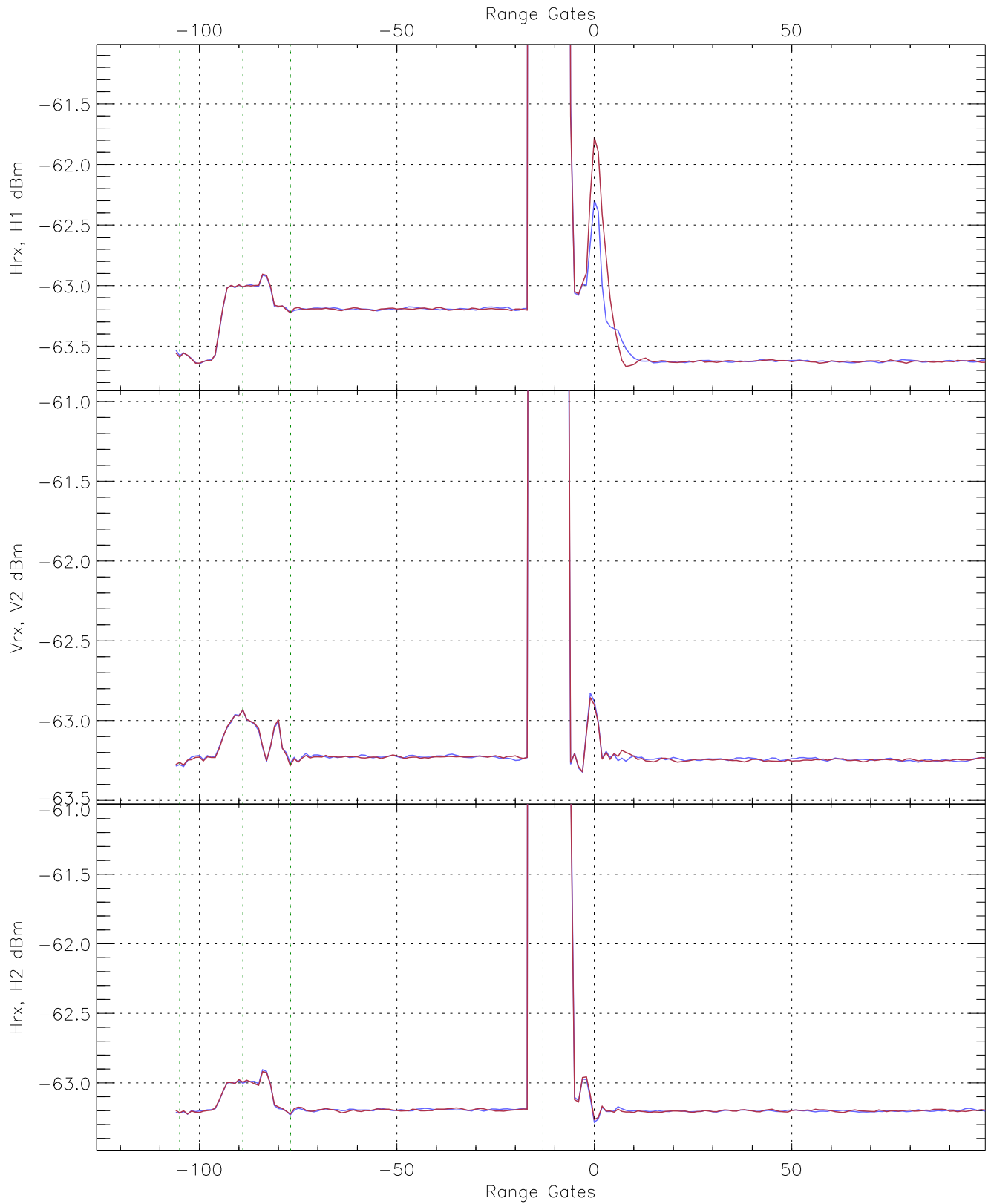


WCR3 CPP "Best" estimate Receivers Noise Power

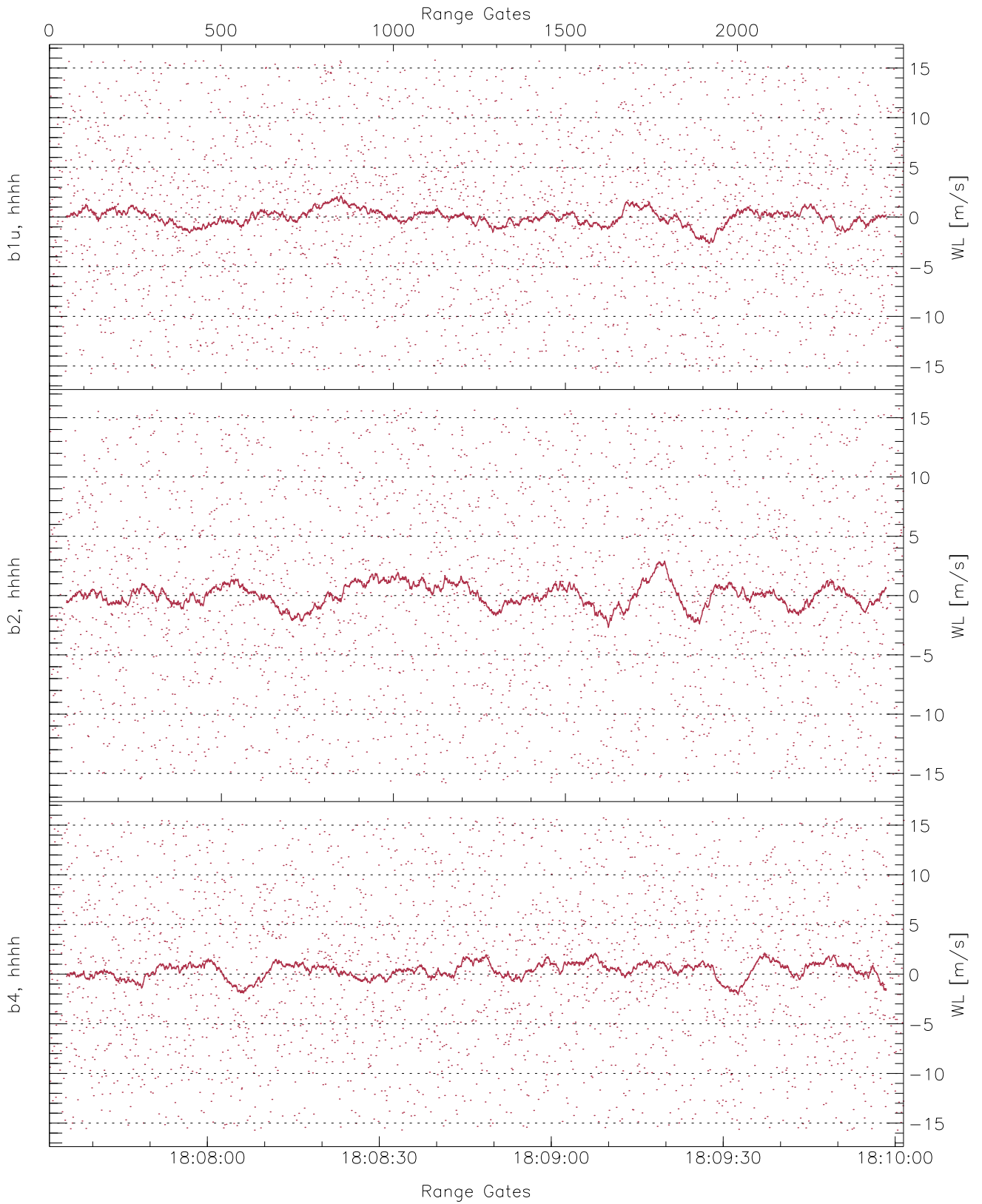
	Min	Max	Mean	Median	StDev
H1RG168_0 [dBm]	-64.28	-62.97	-63.64	-63.64	-76.71
V2WLO_0 [dBm]	-64.07	-62.50	-63.27	-63.27	-76.32
H2WLO_0 [dBm]	-64.07	-62.49	-63.23	-63.23	-76.31



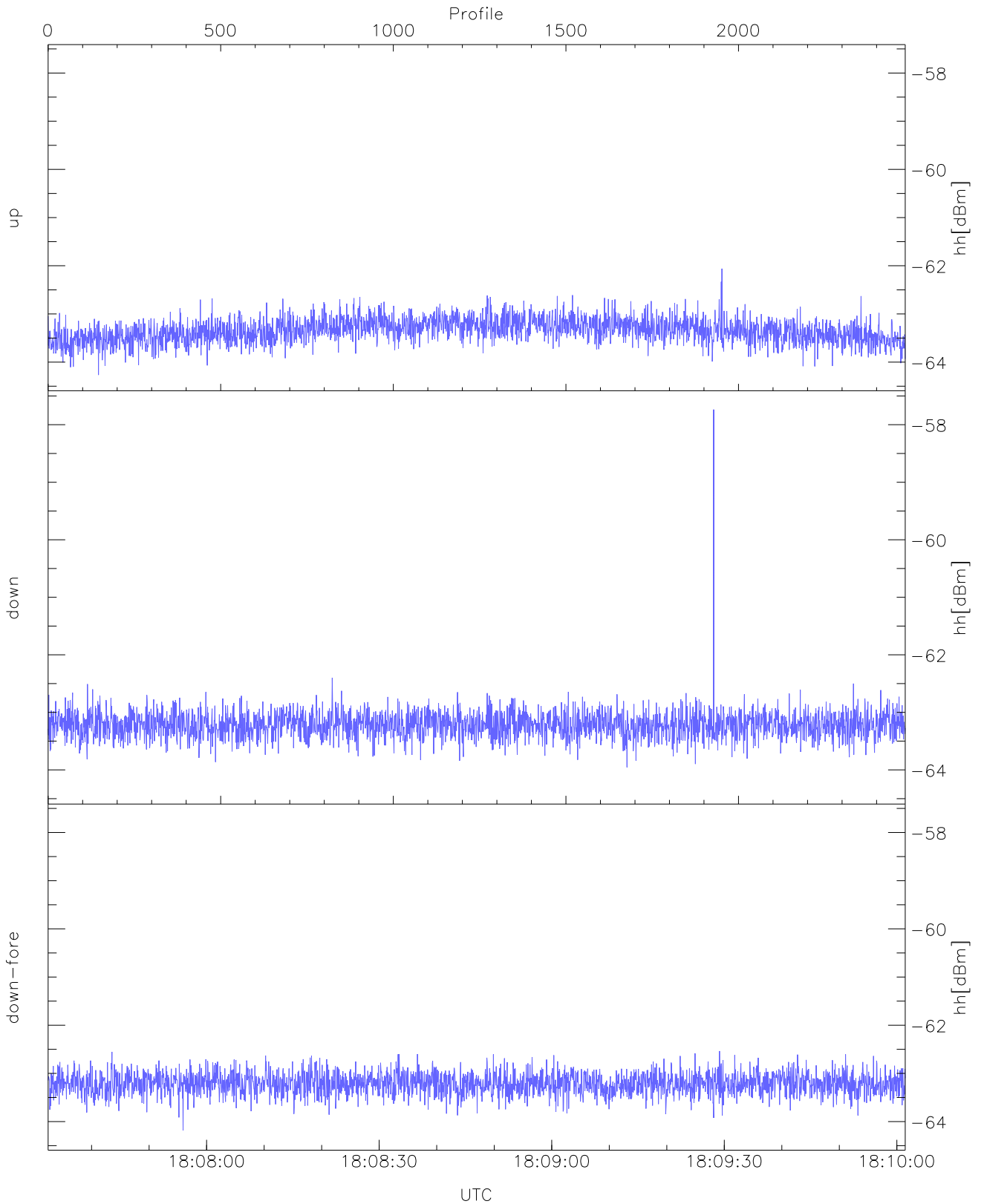
WCR3 CPP Averaged Received power for all recorded gates
blue: 180732-180847, 1243 profiles averaged
red: 180847-181001, 1242 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 180732-180847, 1243 profiles averaged
red: 180847-181001, 1242 profiles averaged

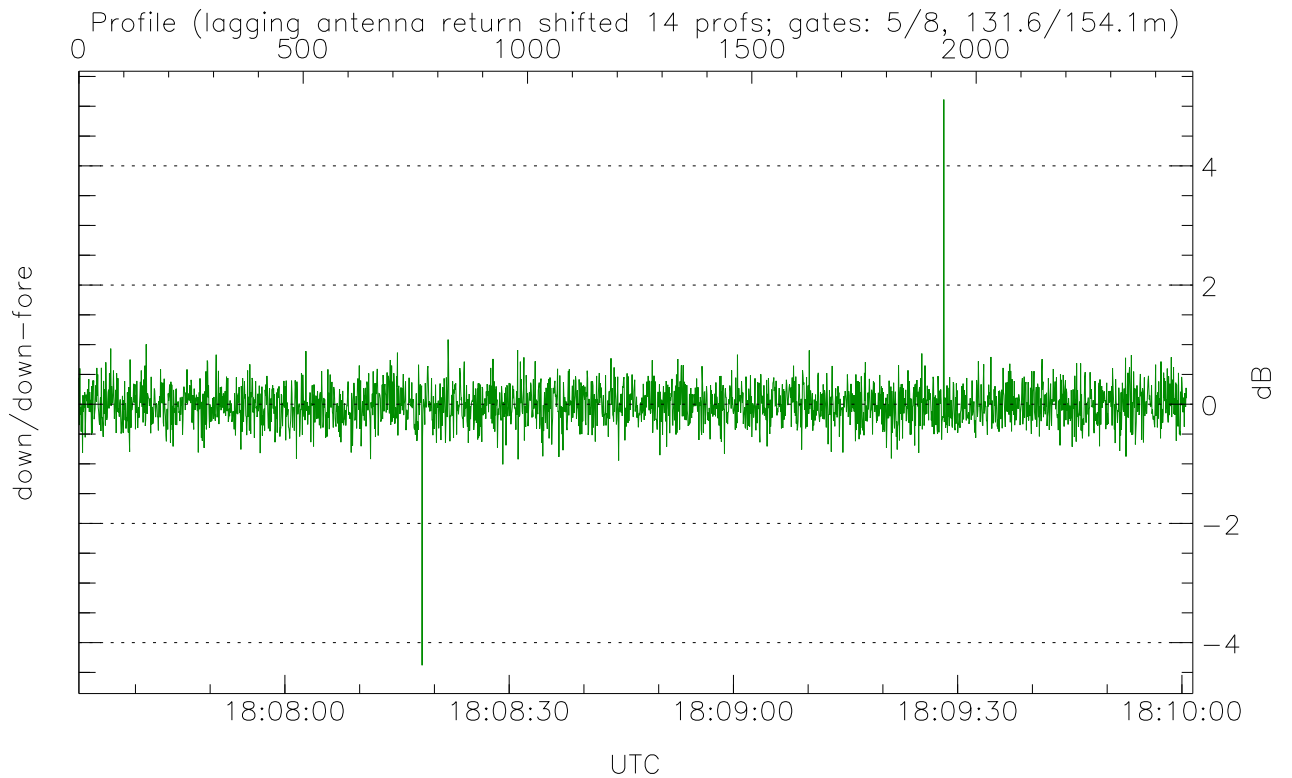
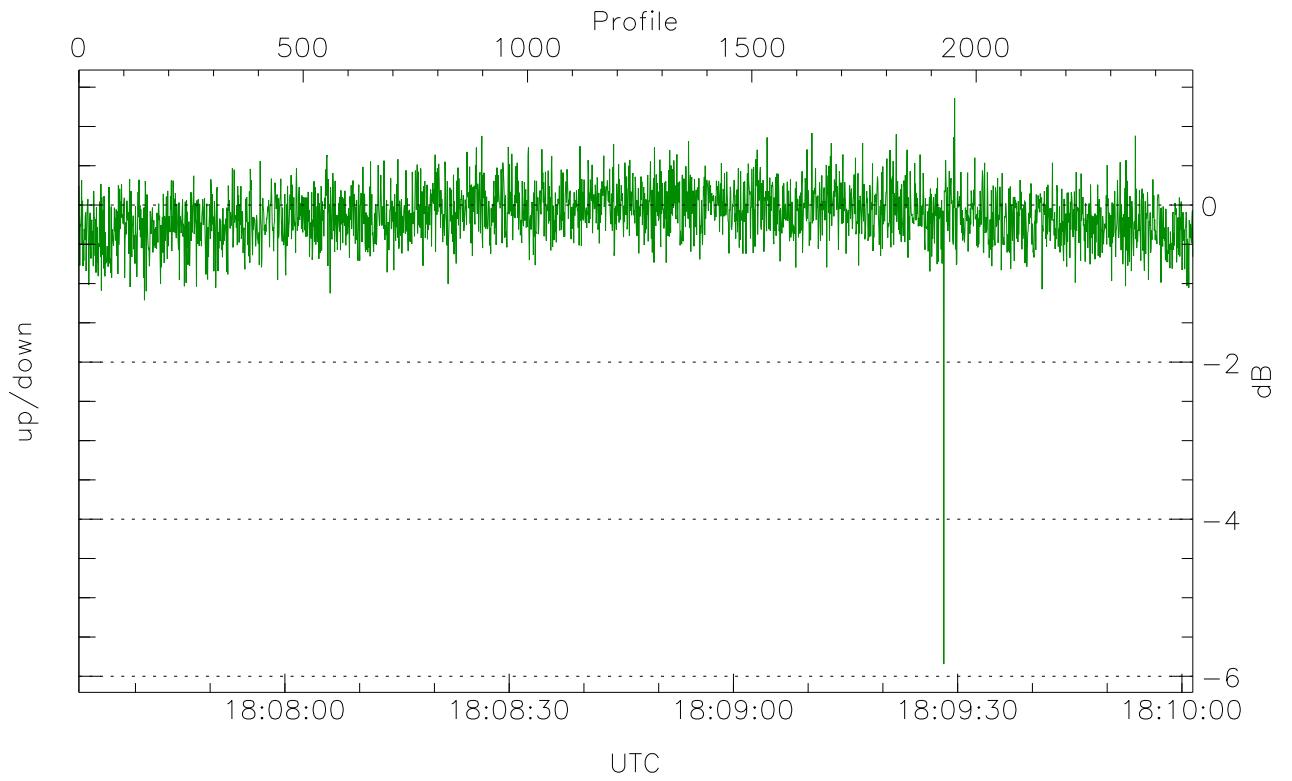


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



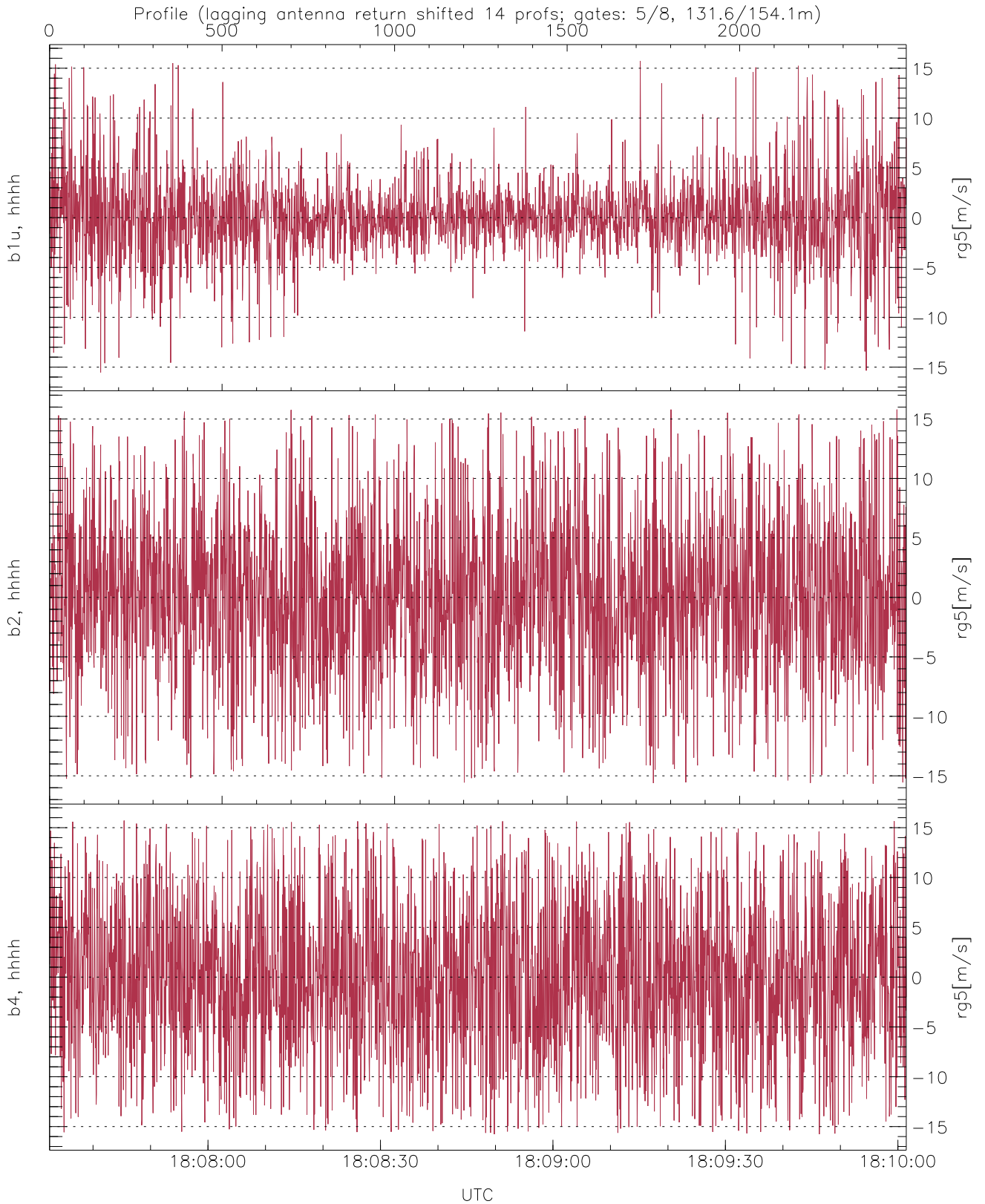
WCR3 CPP Received Power Products for Range gate 5 (131.6 m)

	Min	Max	Mean
up(hh[dBm])	-64.27	-62.06	-63.34
down(hh[dBm])	-63.96	-57.74	-63.21
down-fore(hh[dBm])	-64.19	-62.54	-63.21



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (131 m)

	Min	Max	Mean
up/down (dB)	-5.84	1.36	-0.13
down/down-fore (dB)	-4.38	5.11	-0.01



WCR3 CPP Doppler Velocity Products at 131.6 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.55	15.71	0.07	3.96
b2, hhhh(rg5[m/s])	-15.65	15.79	0.09	6.50
b4, hhhh(rg5[m/s])	-15.77	15.72	-0.07	7.30