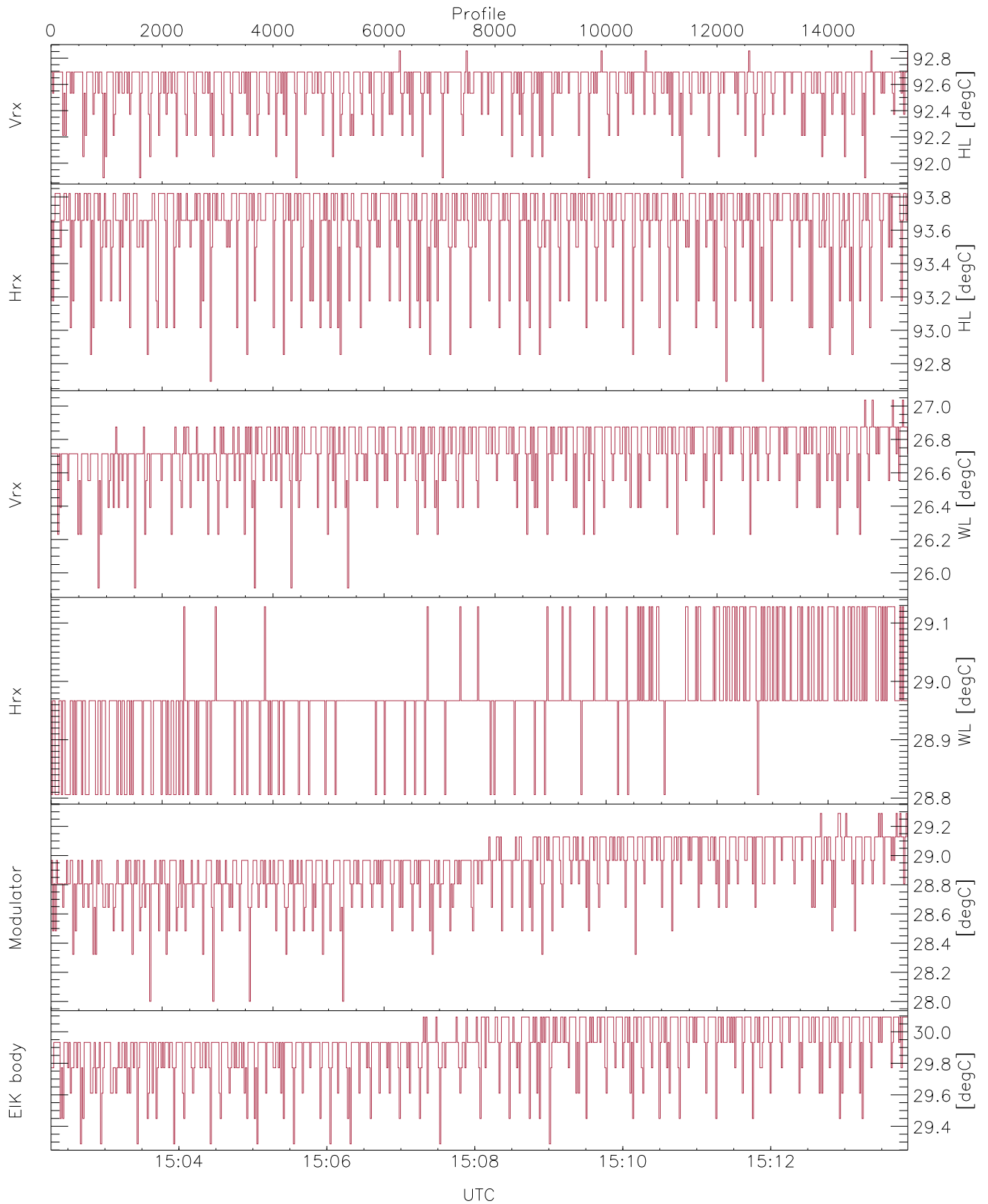


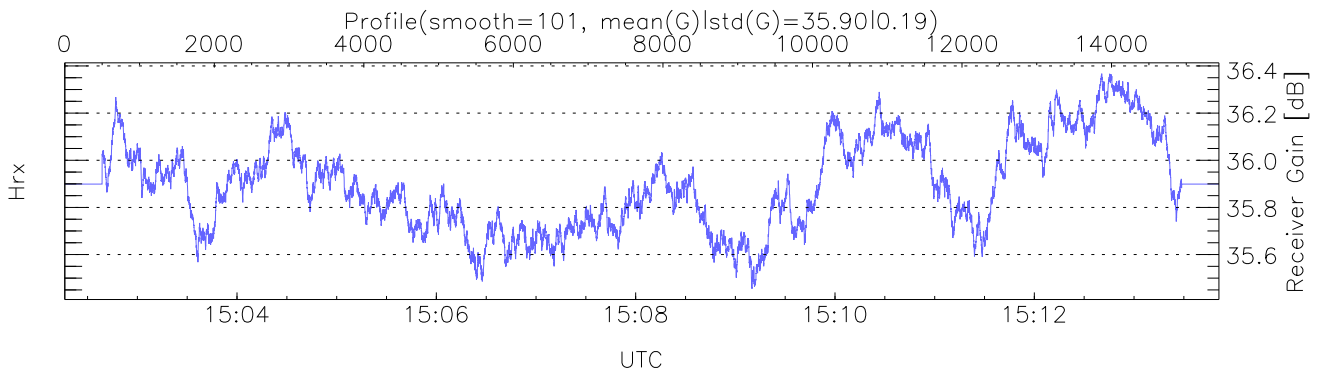
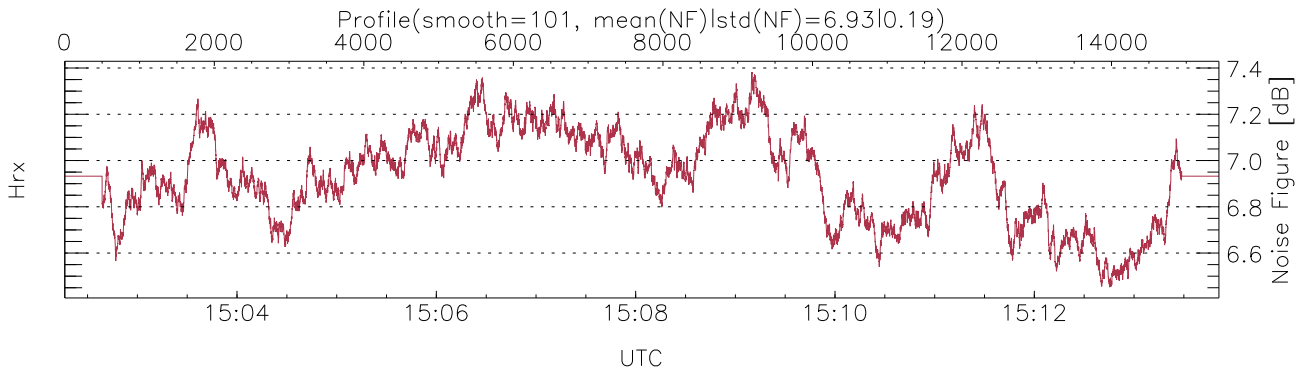
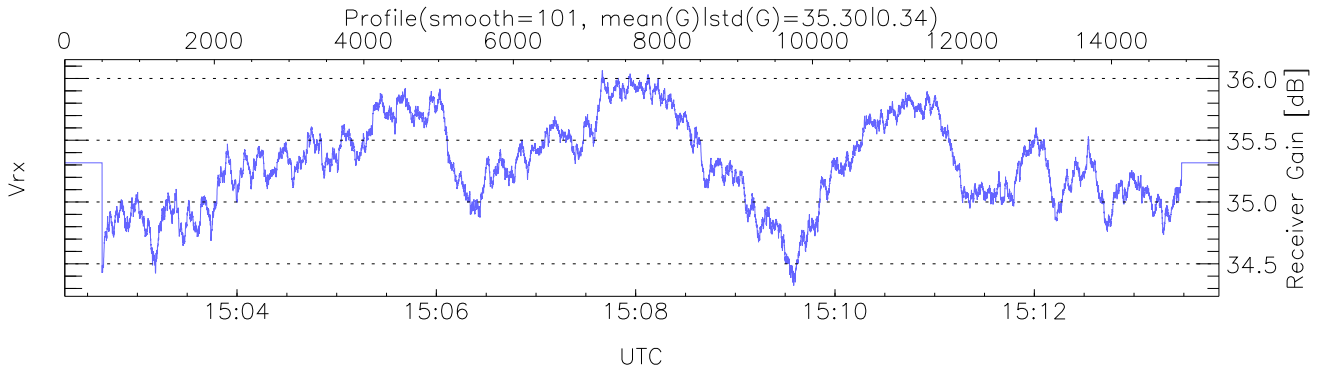
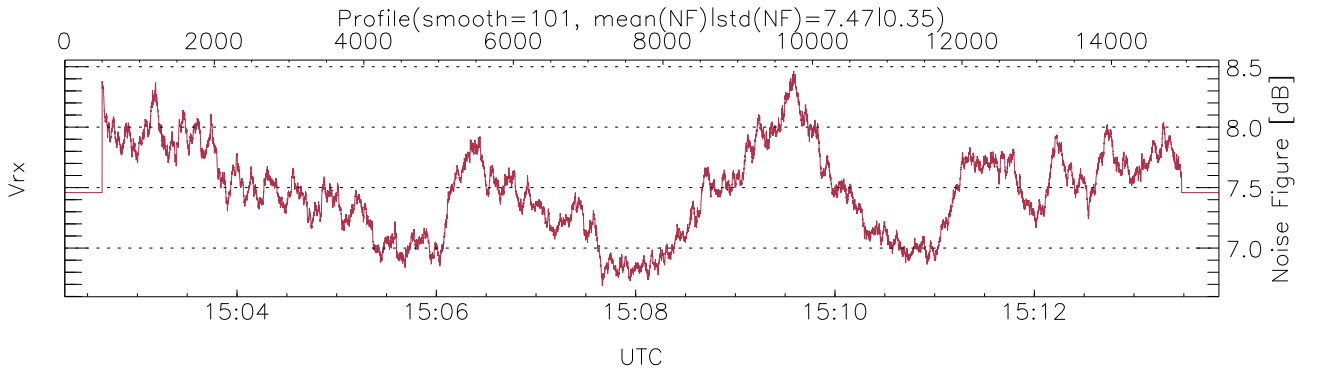
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:02:16-15:13:51, TimeCor: 0.00s, Dur: 694.84s
 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): 15438/15438, 0-15437/15:02:16-15:13:51
 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



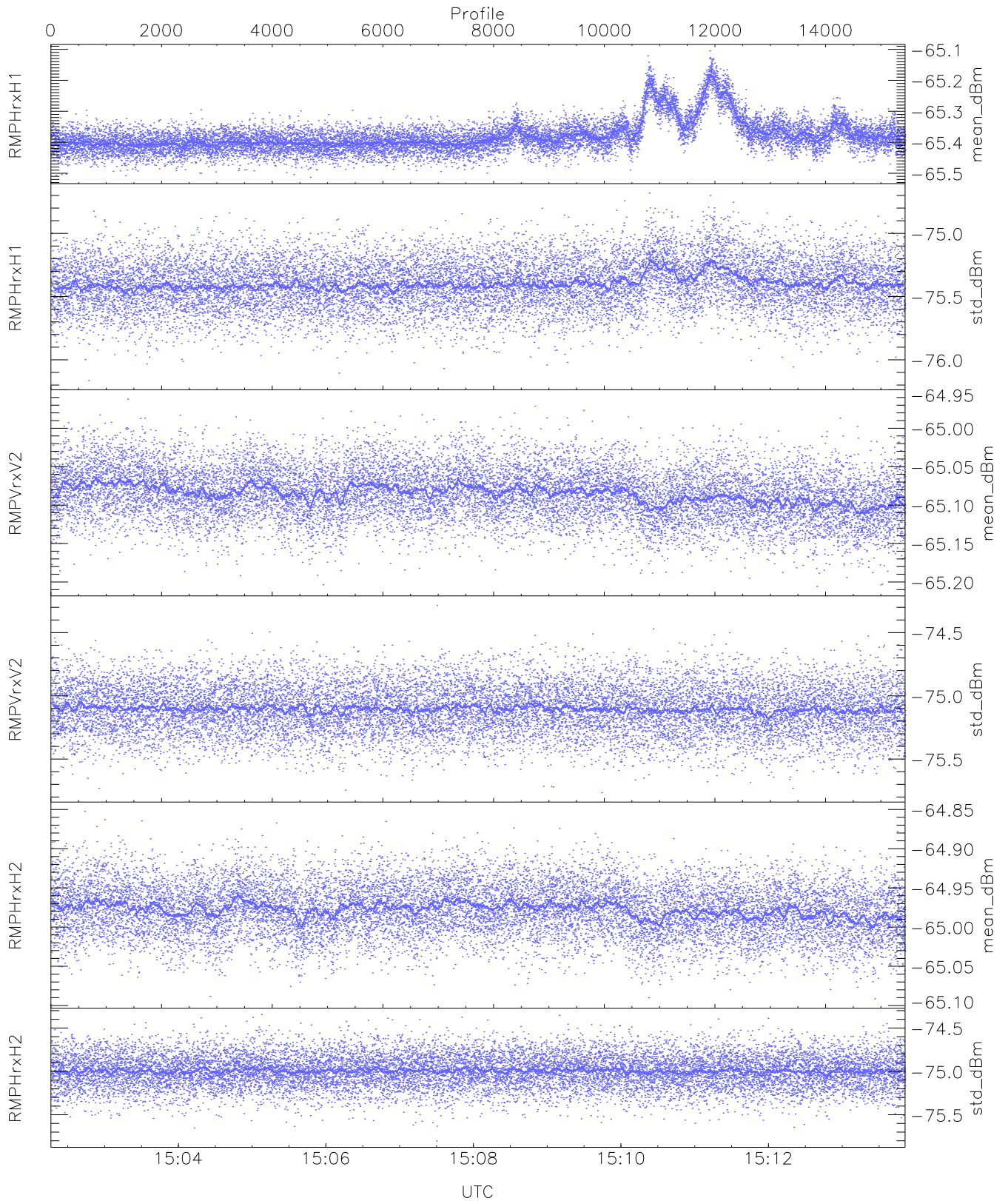
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,28,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK/Modulator Faults: None`



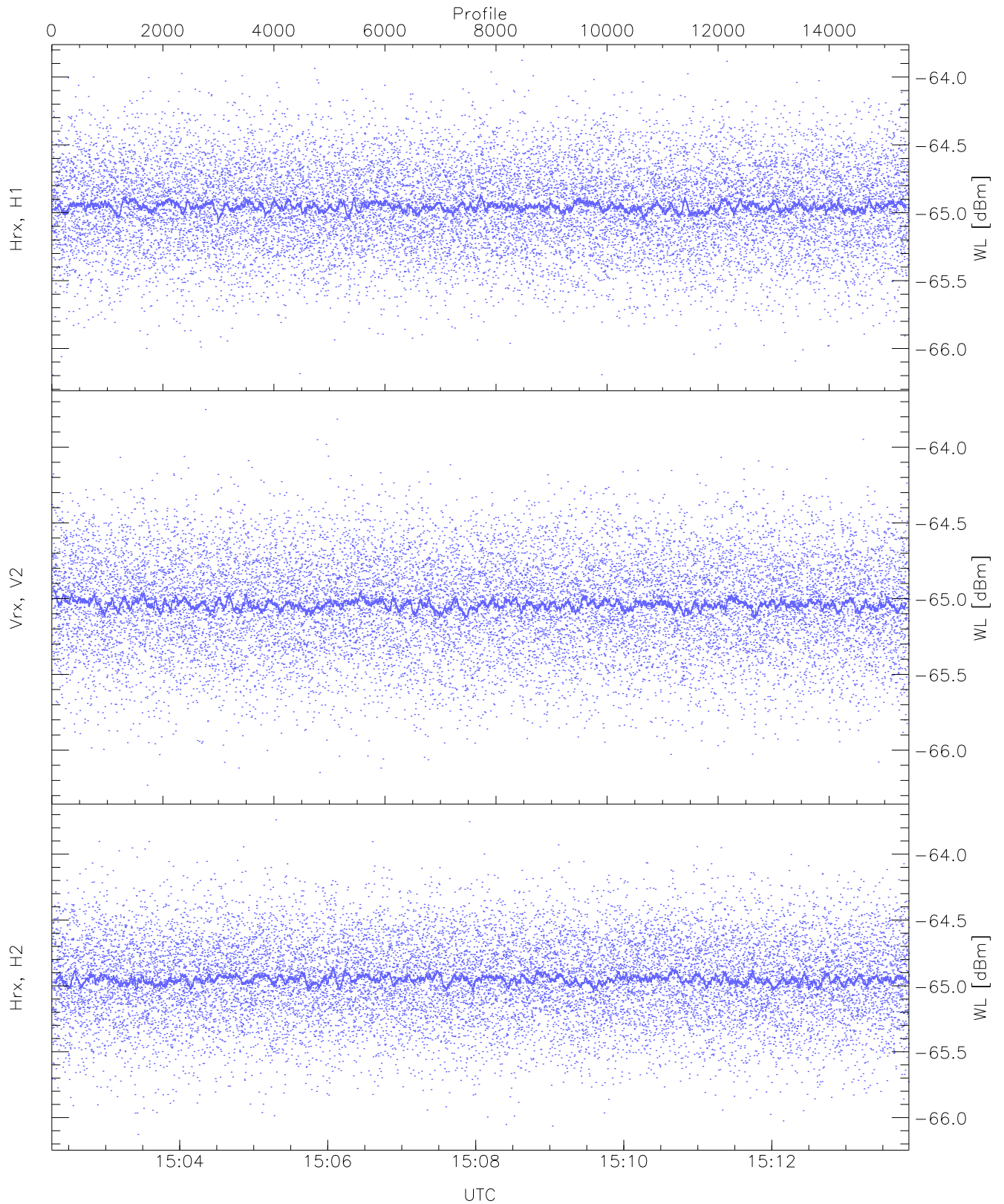
WCR3 CPP Receivers Gain and Noise Figure

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



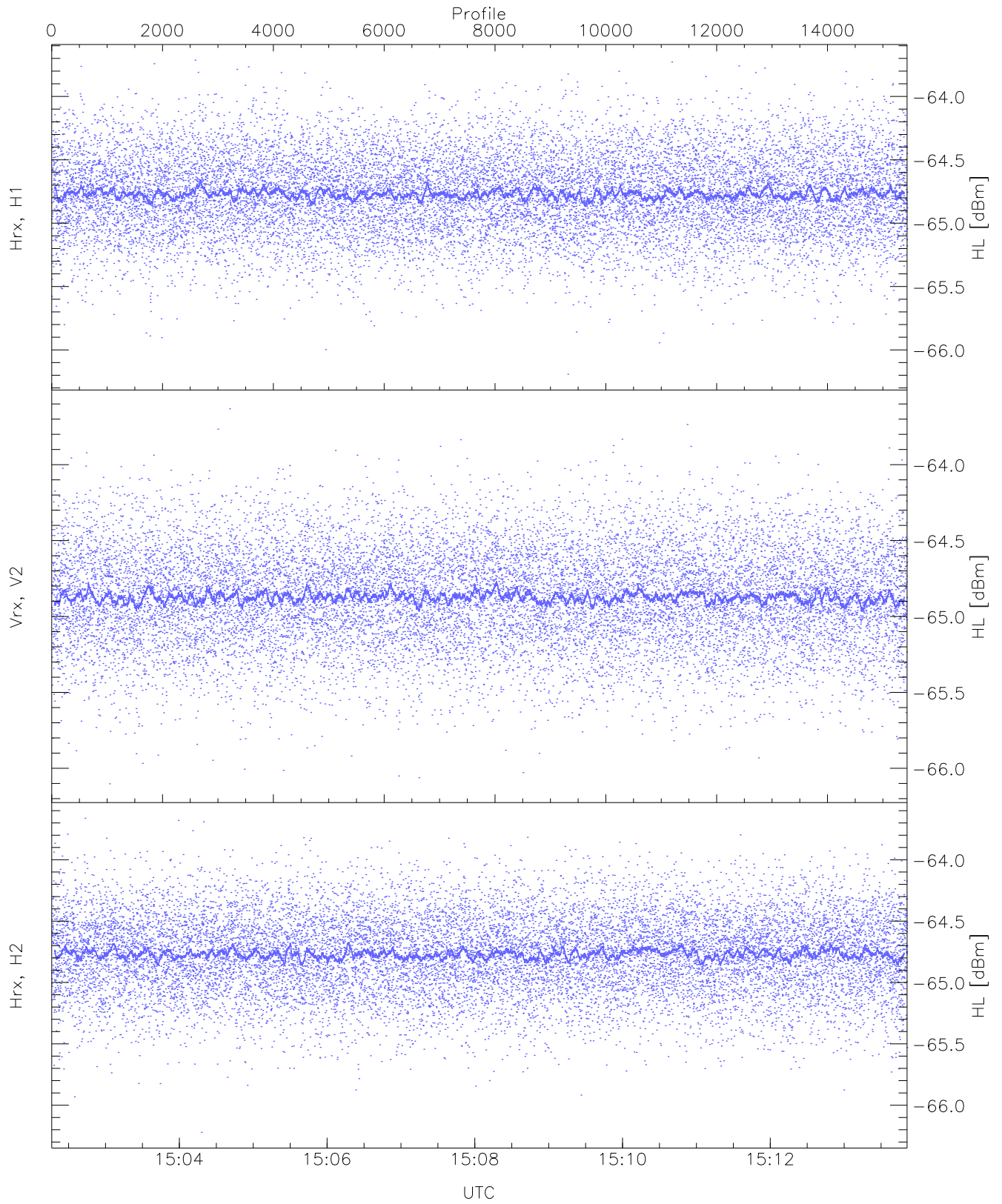
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.10	-65.38	-65.39	-84.40
RMPHrxH1(std_dBm)	-76.16	-74.68	-75.39	-75.40	-89.07
RMPVrxV2(mean_dBm)	-65.21	-64.96	-65.09	-65.09	-86.40
RMPVrxV2(std_dBm)	-75.77	-74.28	-75.10	-75.11	-88.91
RMPHrxH2(mean_dBm)	-65.09	-64.85	-64.98	-64.98	-86.46
RMPHrxH2(std_dBm)	-75.80	-74.34	-74.99	-75.00	-88.82



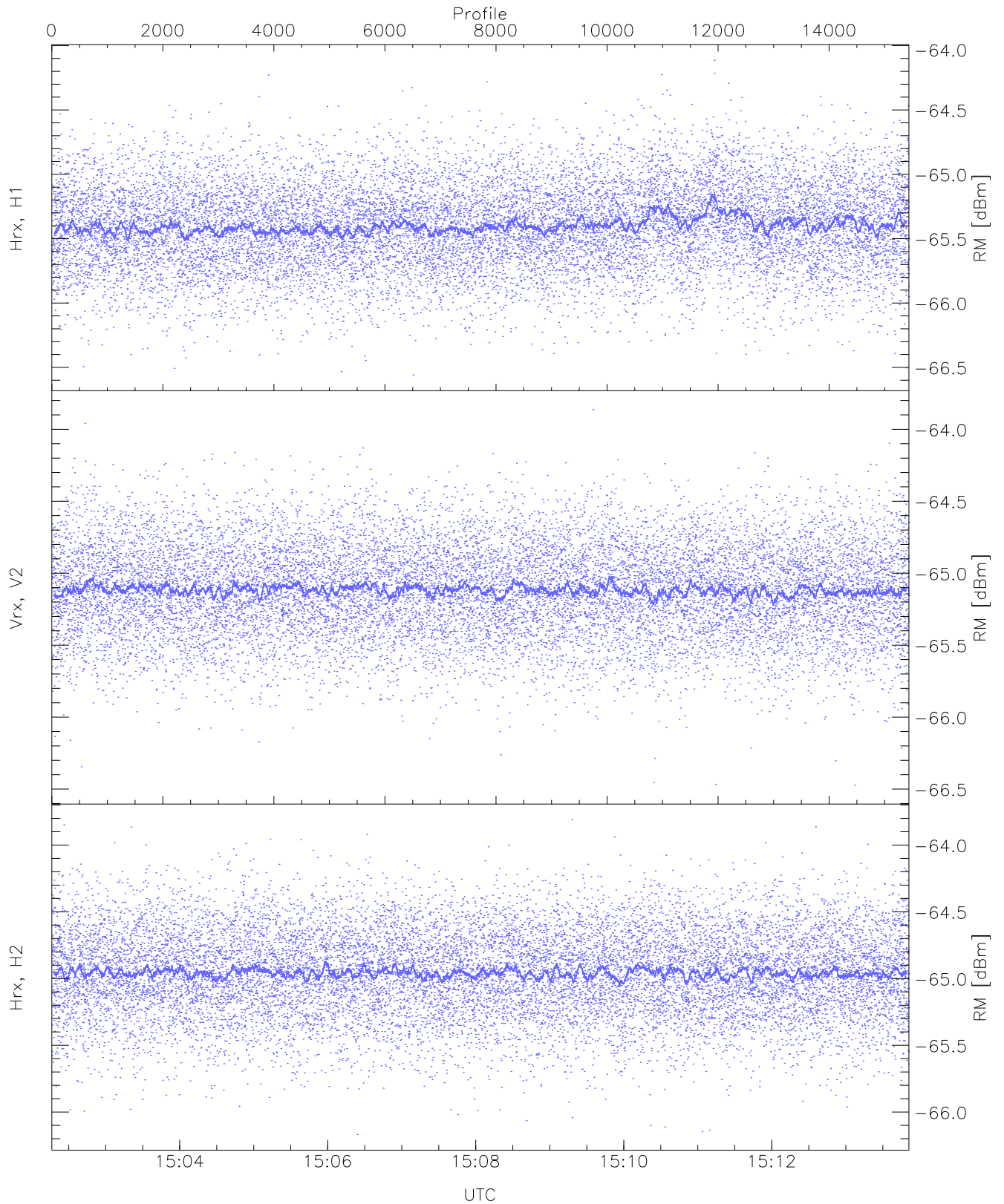
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.88	-64.95	-64.96	-76.44
Vrx, V2 (WL [dBm])	-66.23	-63.75	-65.03	-65.03	-76.53
Hrx, H2 (WL [dBm])	-66.13	-63.74	-64.94	-64.95	-76.44



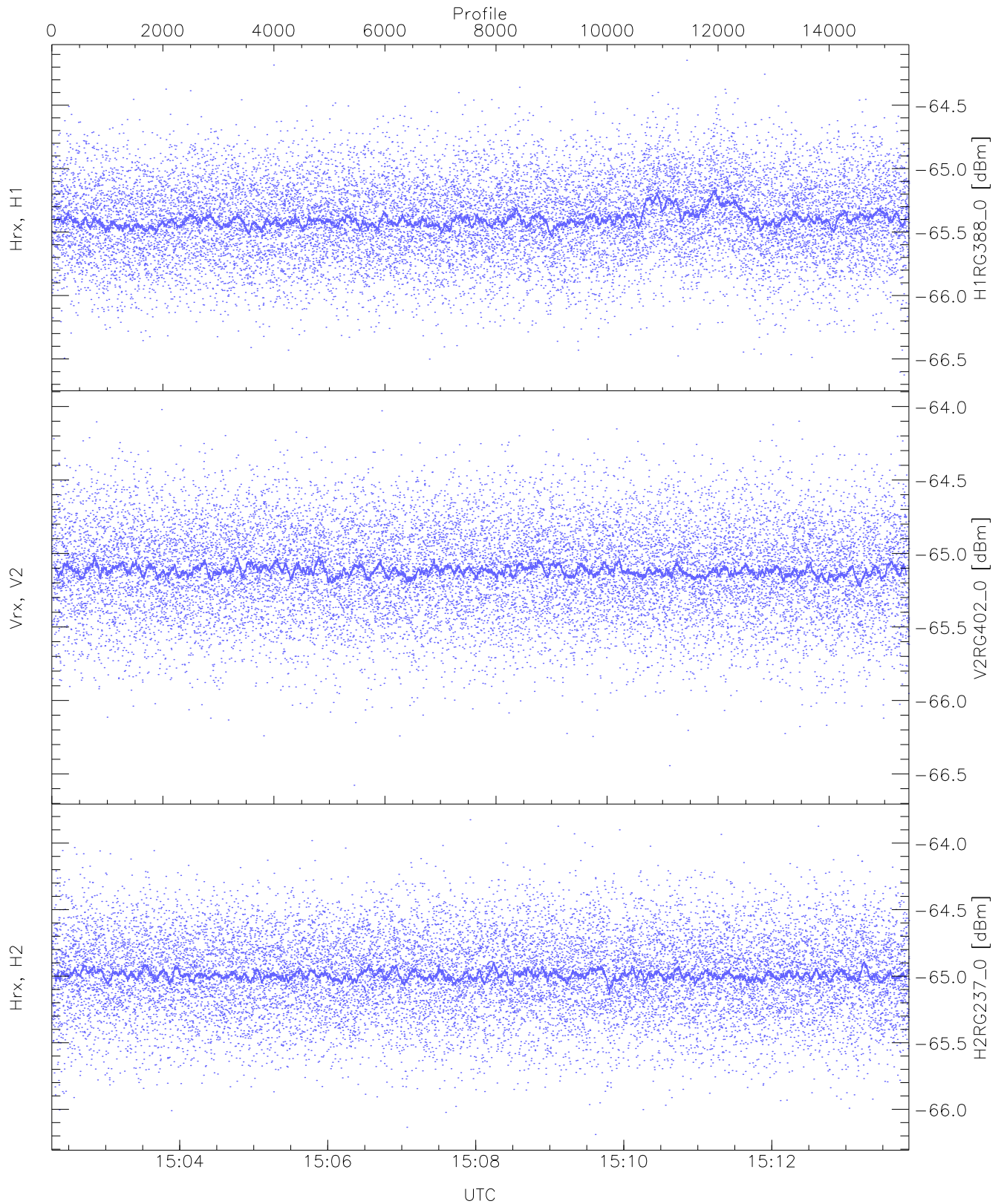
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.19	-63.71	-64.76	-64.77	-76.29
Vrx, V2 (HL [dBm])	-66.10	-63.63	-64.86	-64.87	-76.37
Hrx, H2 (HL [dBm])	-66.22	-63.66	-64.76	-64.76	-76.25



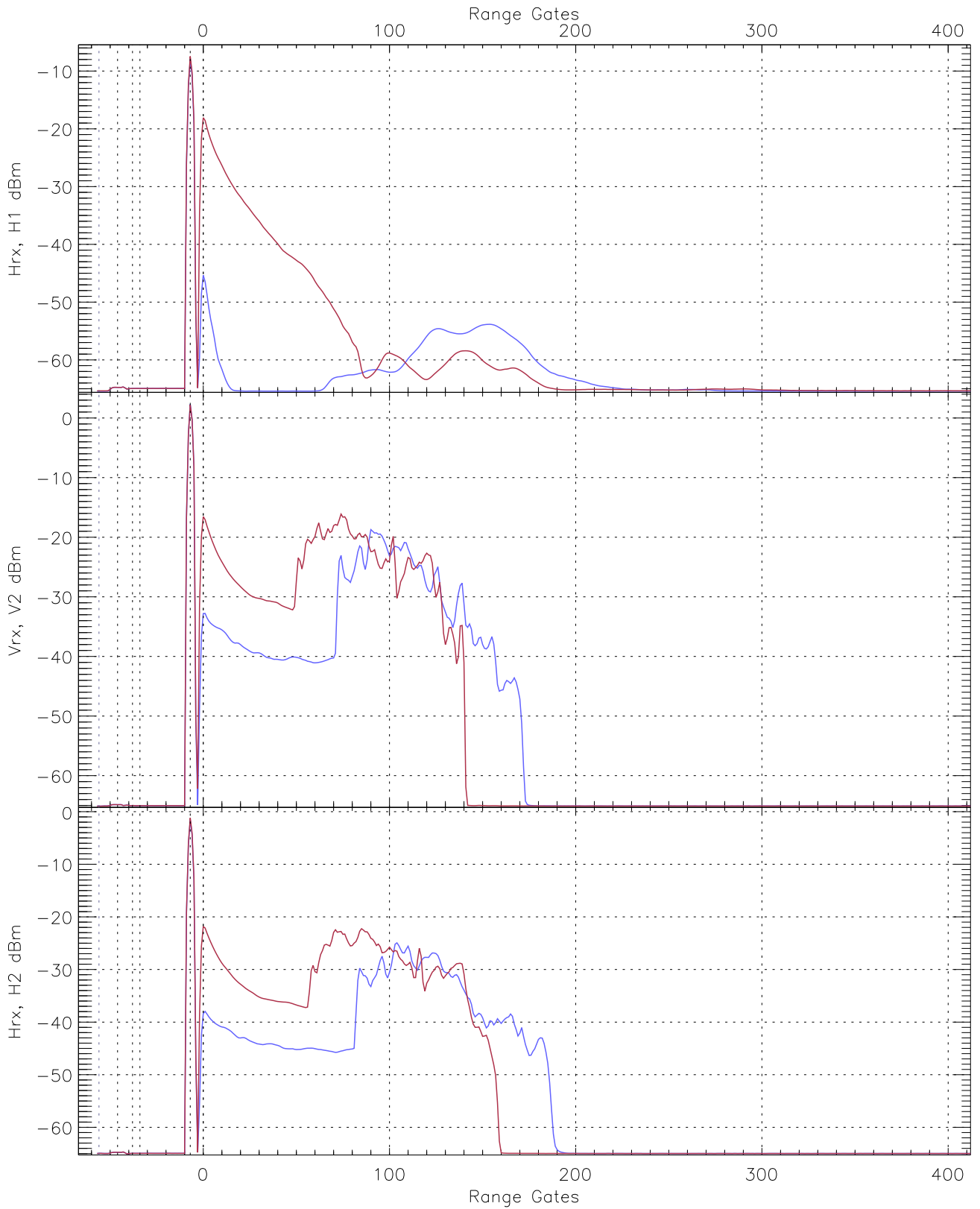
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.56	-64.11	-65.39	-65.40	-76.81
Vrx, V2 (RM [dBm])	-66.47	-63.86	-65.11	-65.12	-76.65
Hrx, H2 (RM [dBm])	-66.17	-63.81	-64.95	-64.96	-76.45

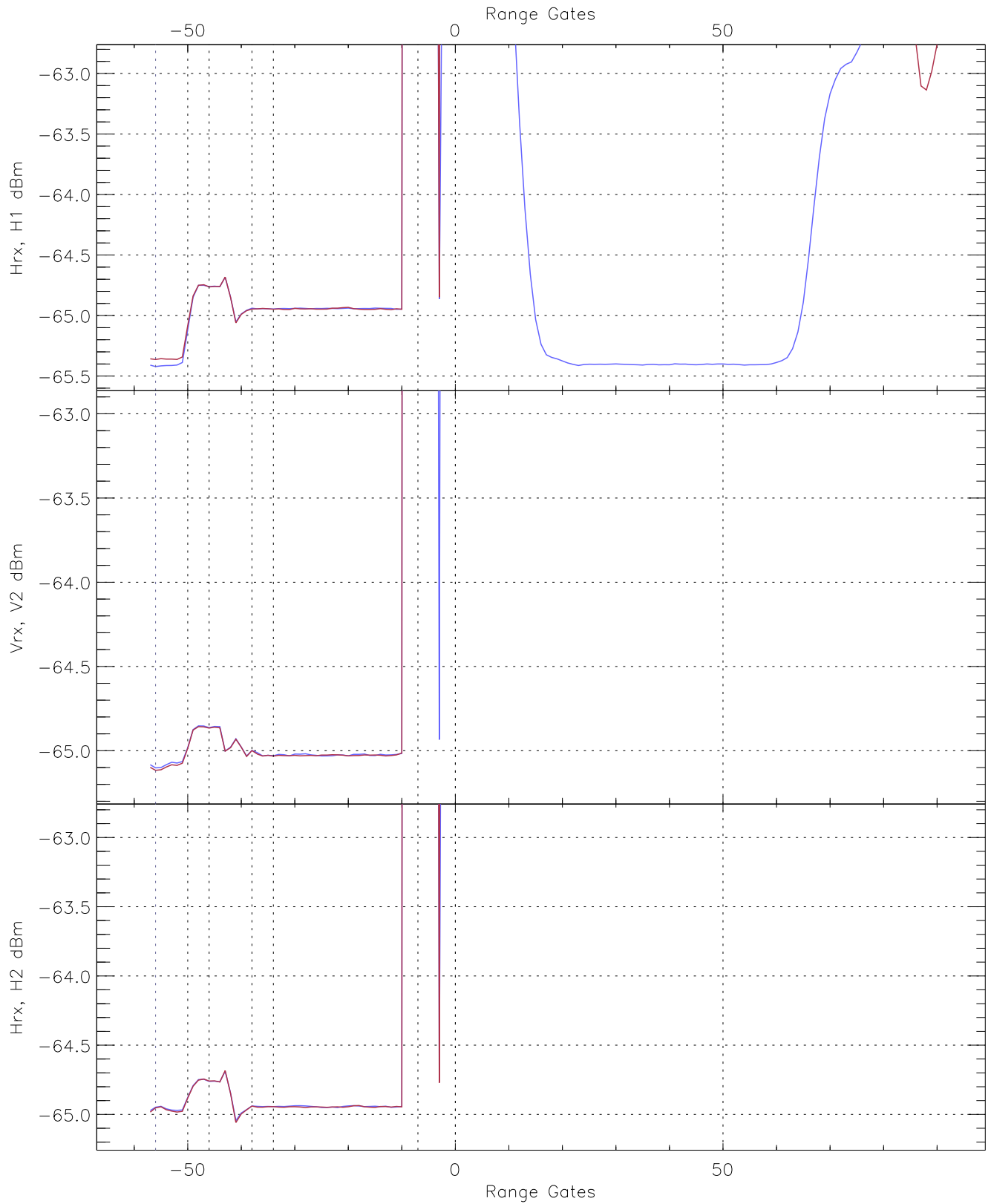


WCR3 CPP "Best" estimate Receivers Noise Power

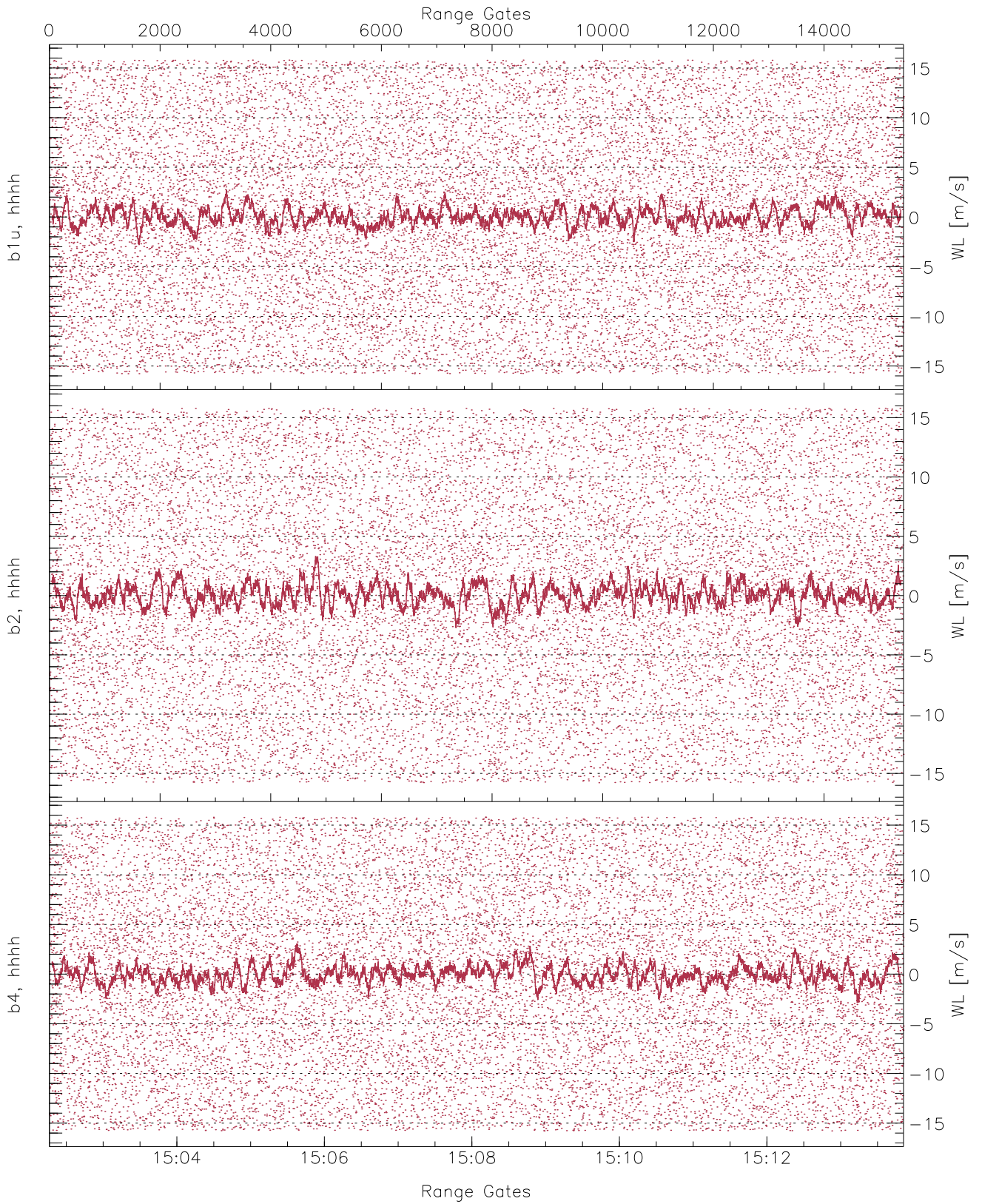
	Min	Max	Mean	Median	StDev
H1RG388_0 [dBm]	-66.63	-64.15	-65.39	-65.40	-76.85
V2RG402_0 [dBm]	-66.58	-64.02	-65.11	-65.12	-76.64
H2RG237_0 [dBm]	-66.19	-63.82	-64.98	-64.99	-76.56



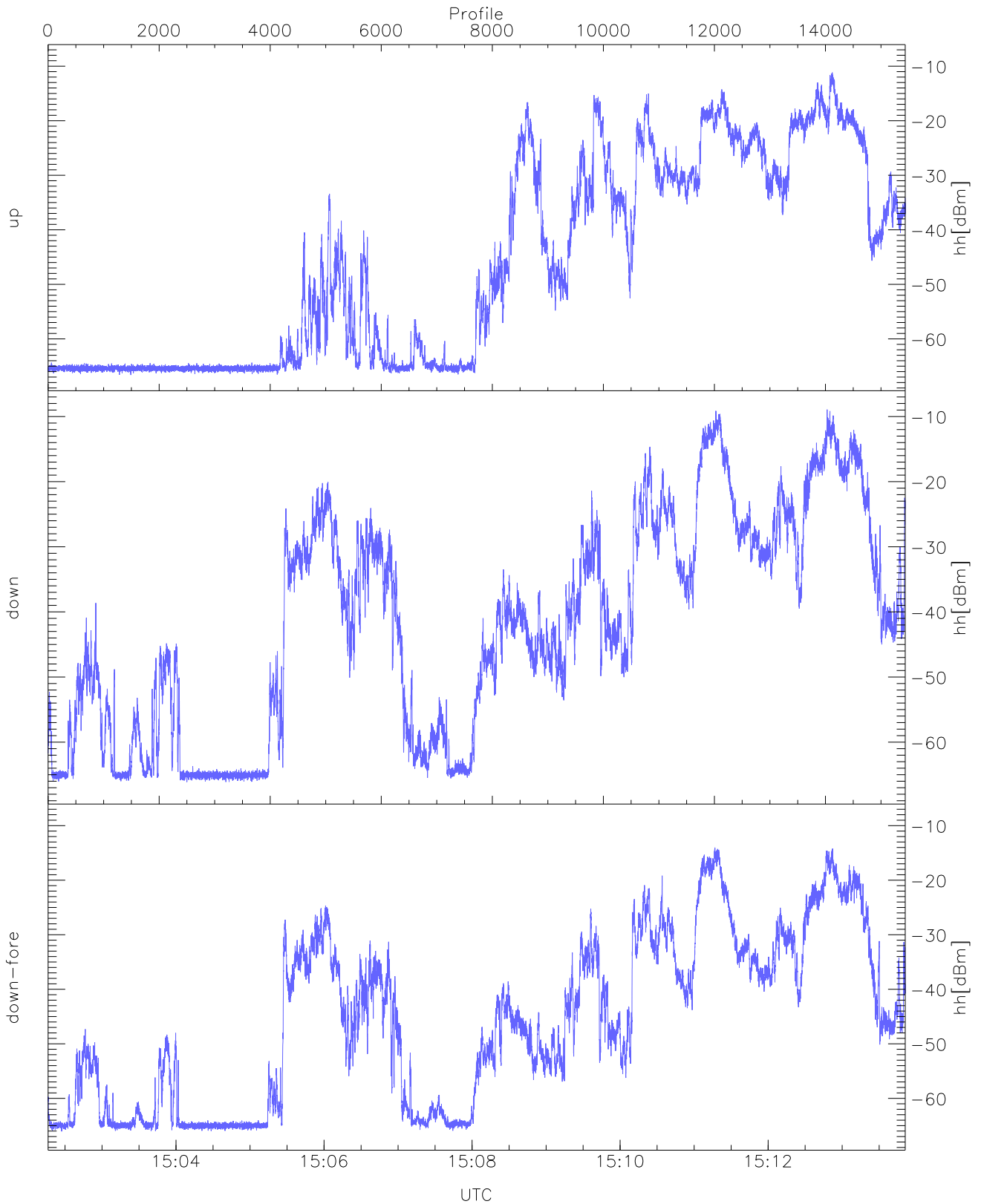
WCR3 CPP Averaged Received power for all recorded gates
blue: 150216-150804, 7720 profiles averaged
red: 150804-151351, 7719 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 150216-150804, 7720 profiles averaged
red: 150804-151351, 7719 profiles averaged

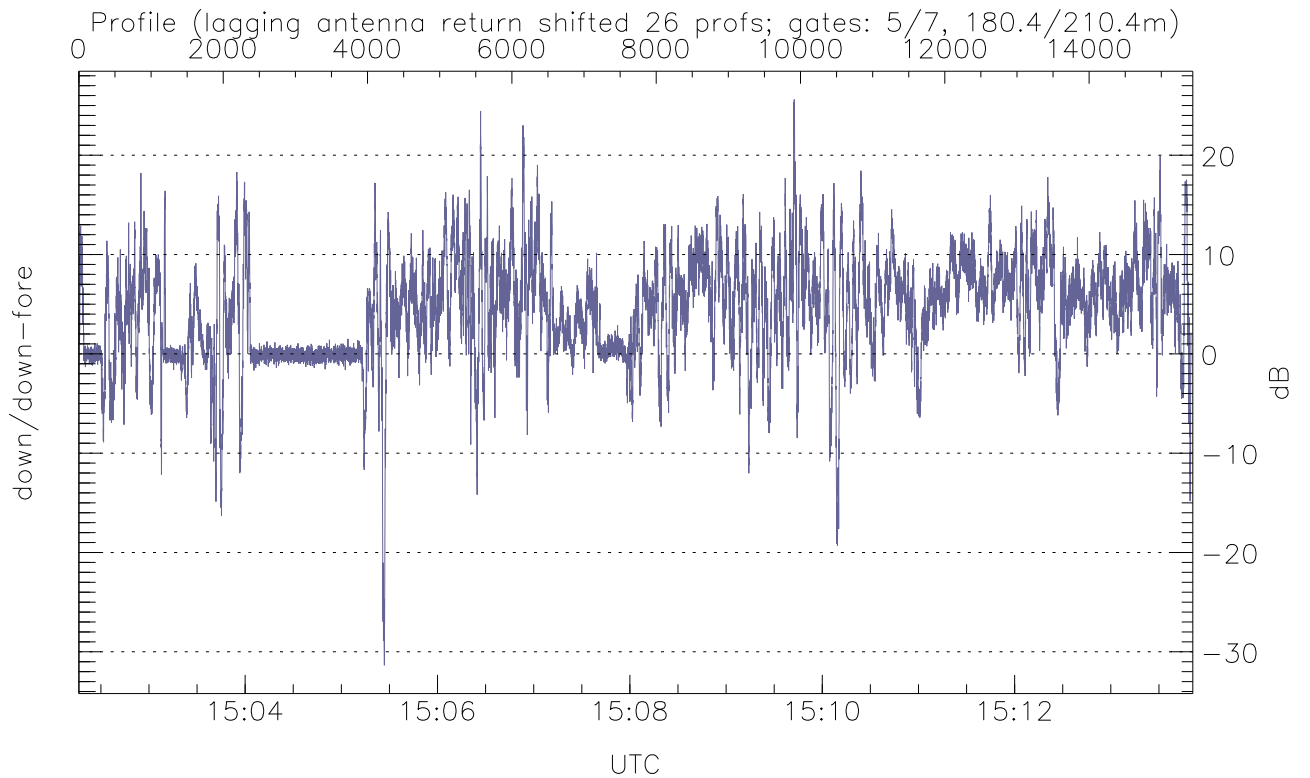
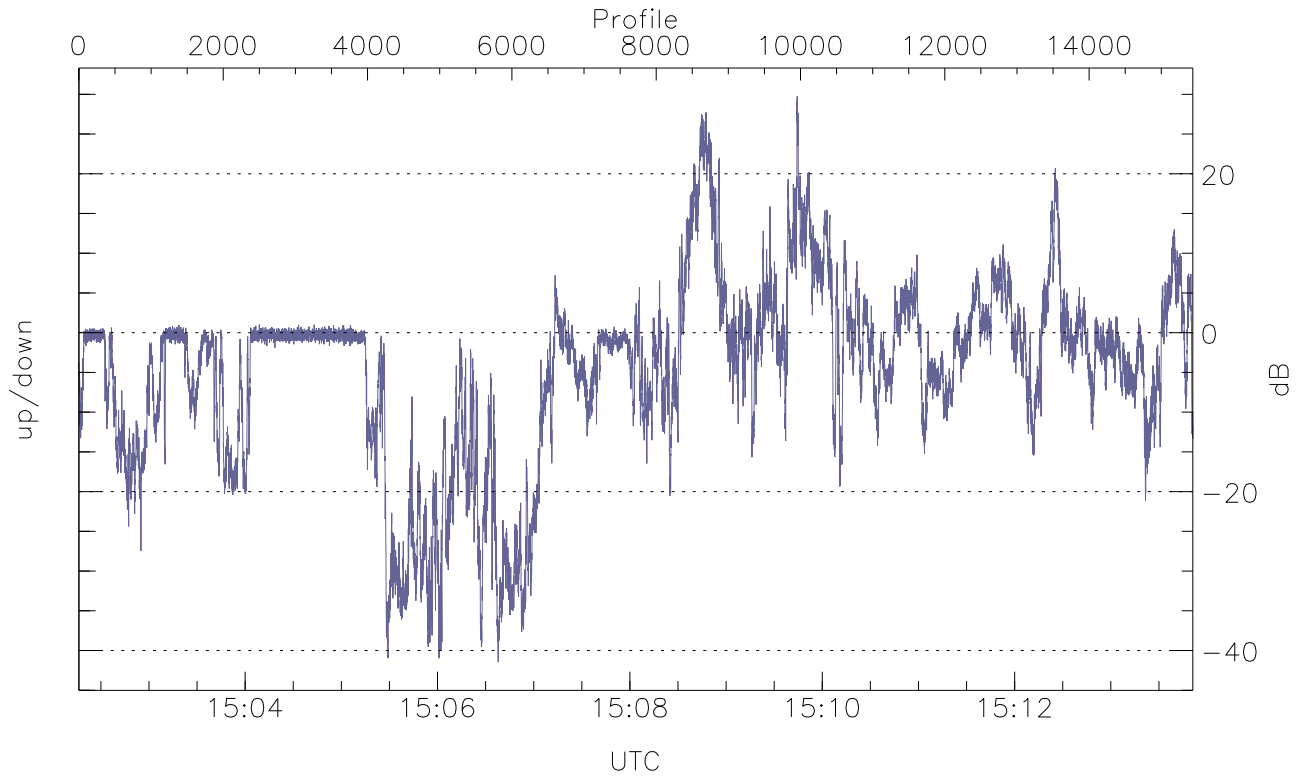


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



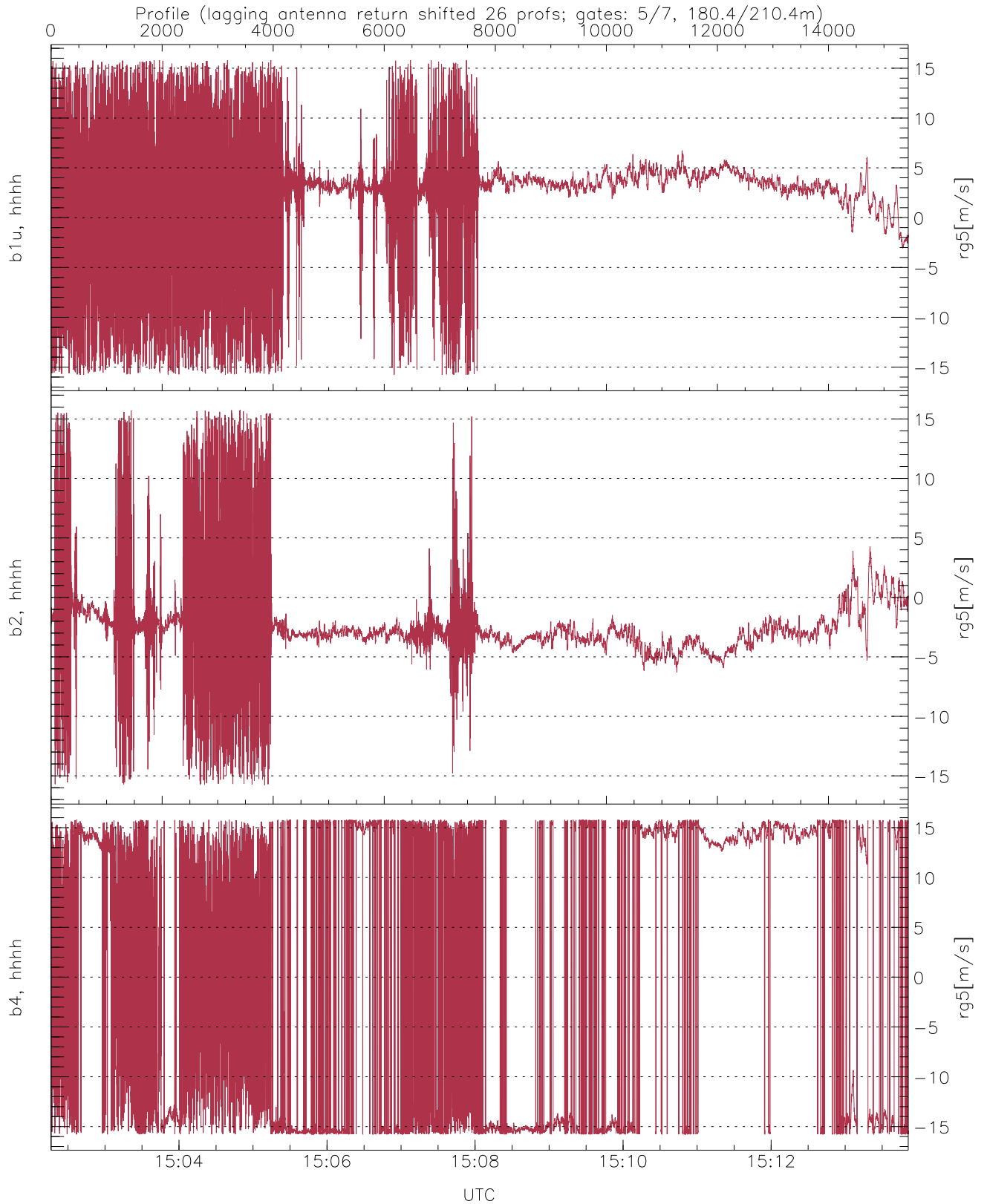
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.62	-11.16	-25.80
down(hh[dBm])	-66.12	-8.92	-23.62
down-fore(hh[dBm])	-66.05	-14.02	-28.42



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

	Min	Max	Mean
up/down (dB)	-41.45	29.75	-4.62
down/down-fore (dB)	-31.36	25.61	4.31



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.16	5.30
b2, hhhh(rg5[m/s])	-15.77	15.75	-2.34	3.66
b4, hhhh(rg5[m/s])	-15.79	15.79	0.73	13.90