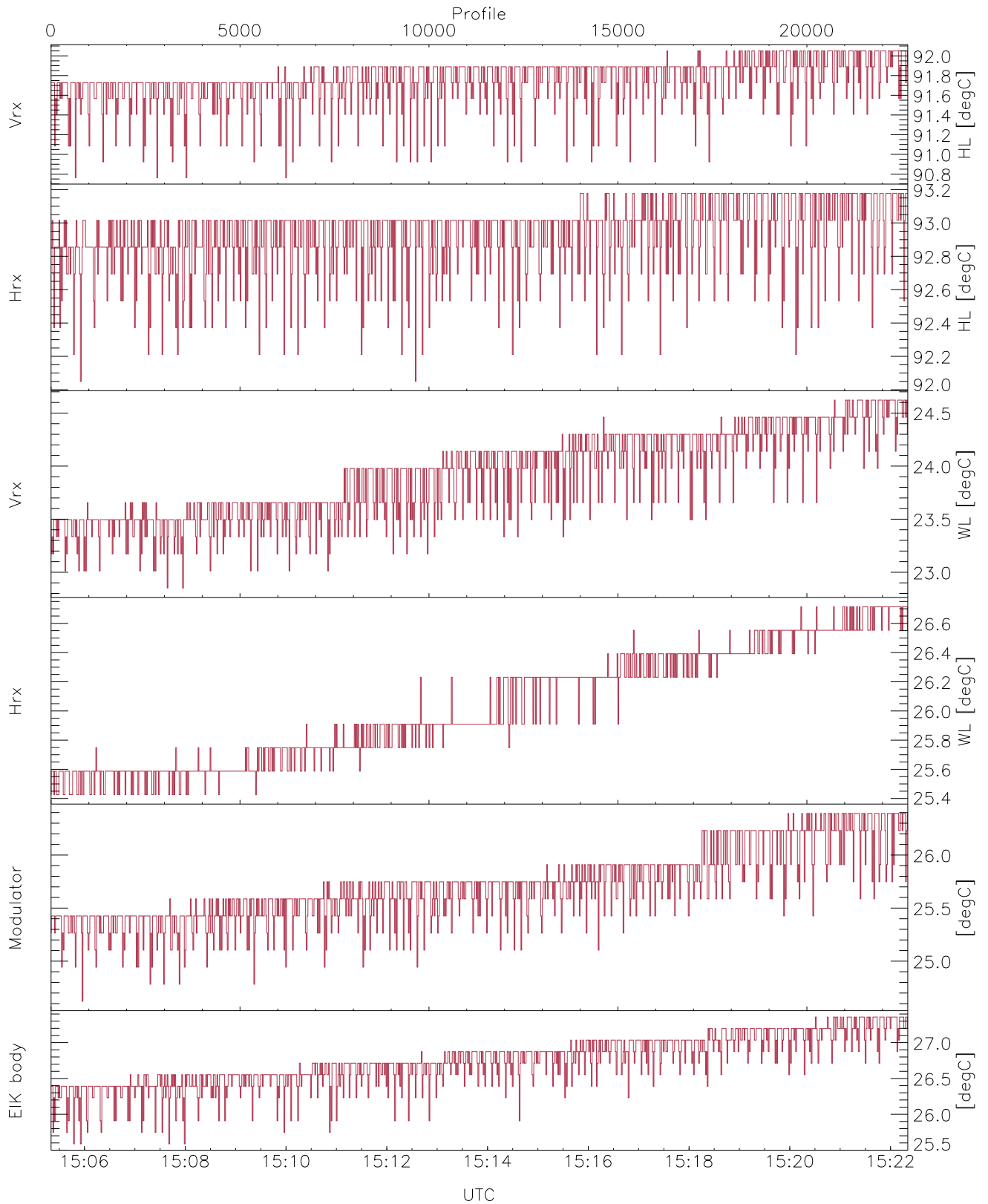


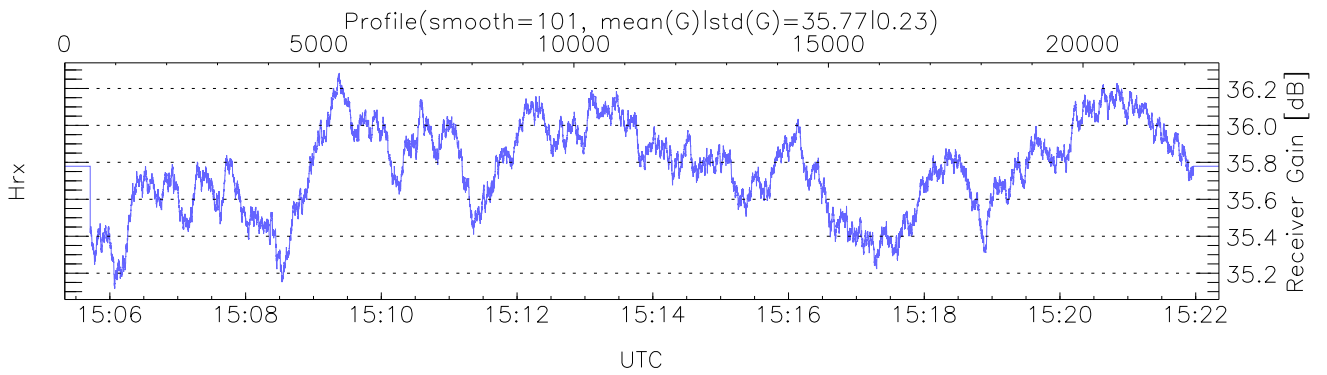
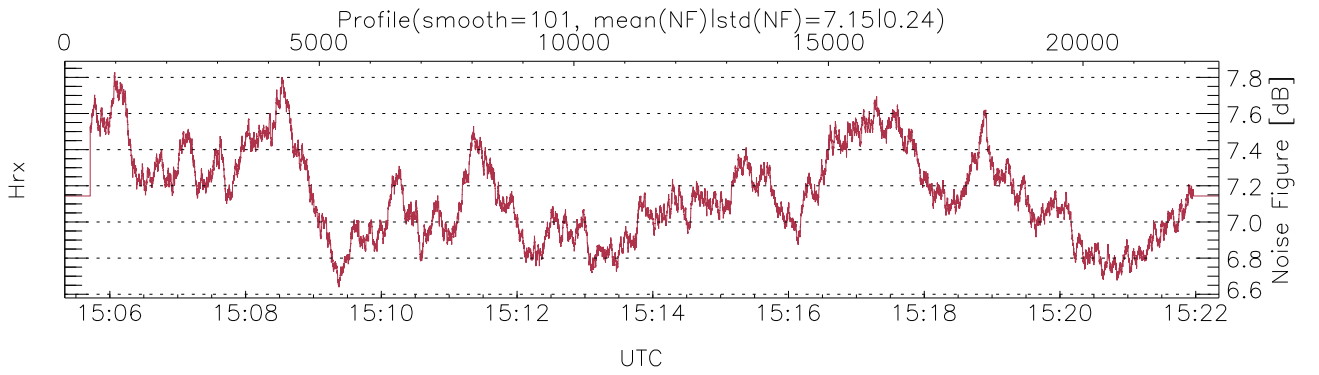
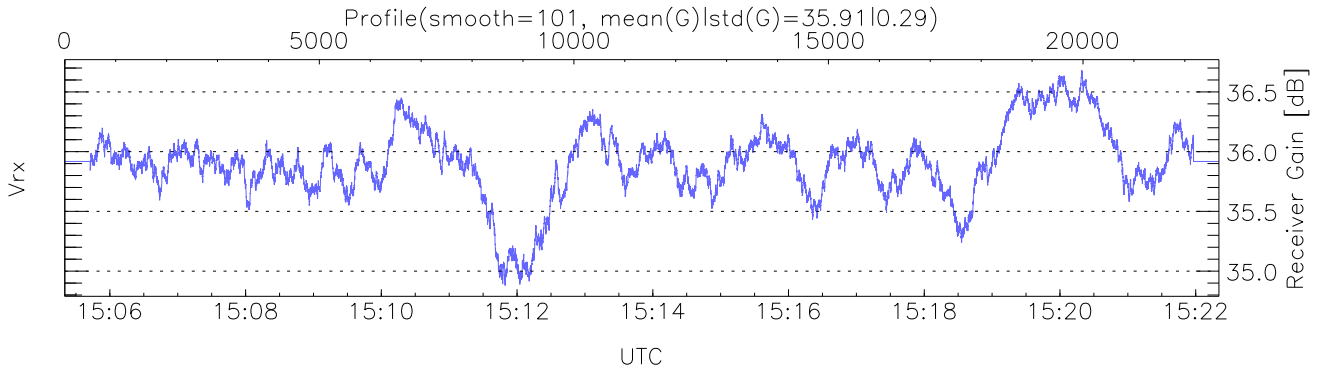
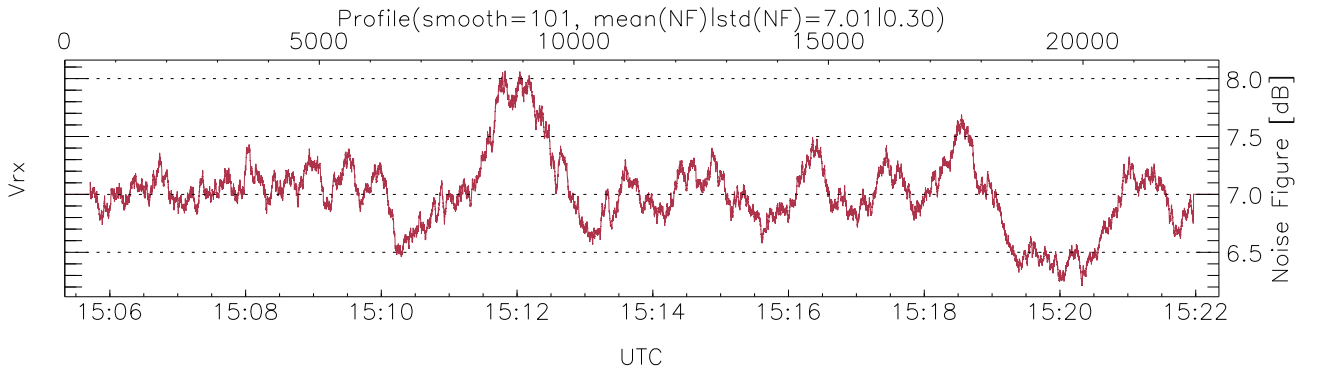
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:05:20-15:22:21, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/15:05:20-15:22:21
 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 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



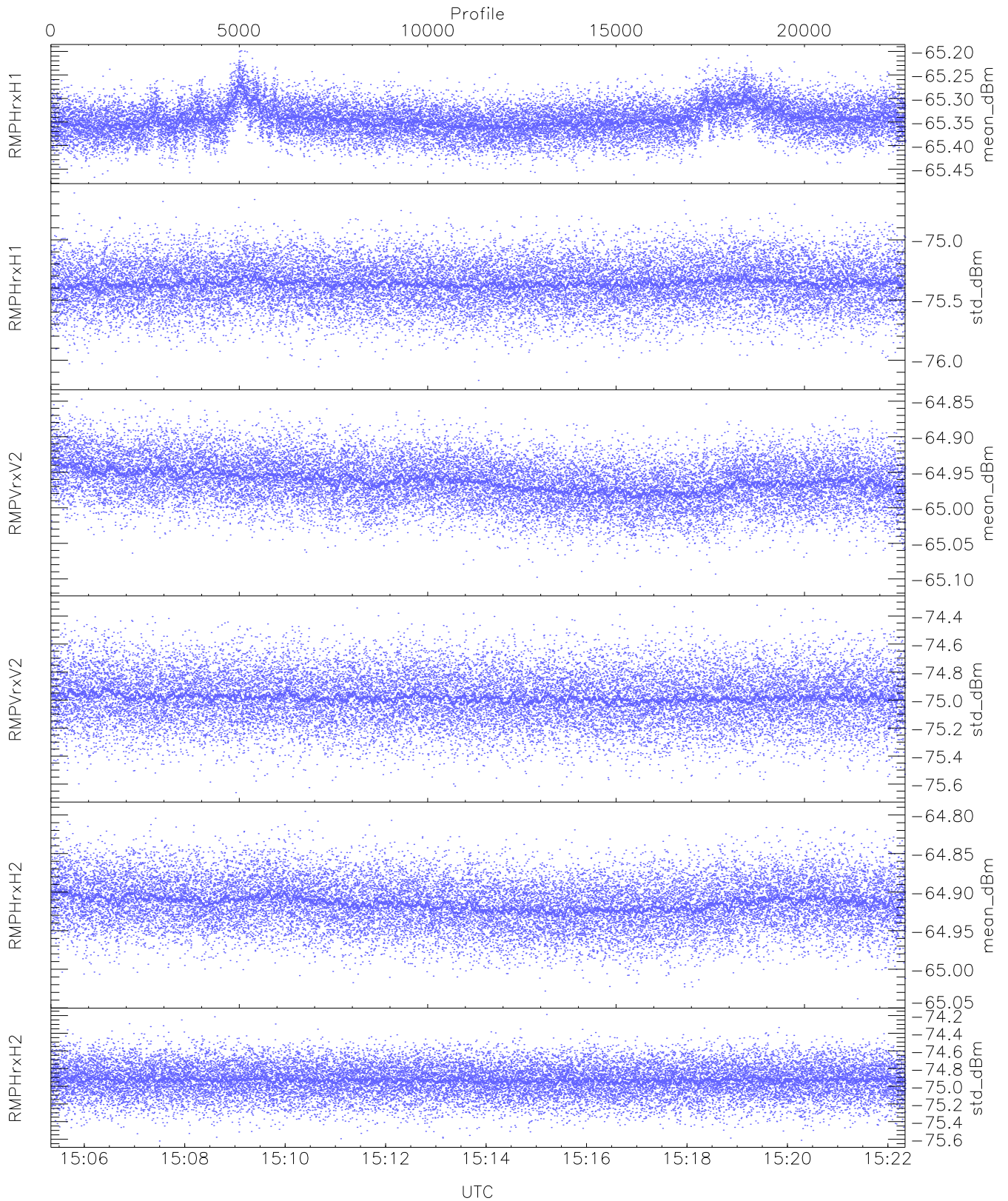
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,25,24,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



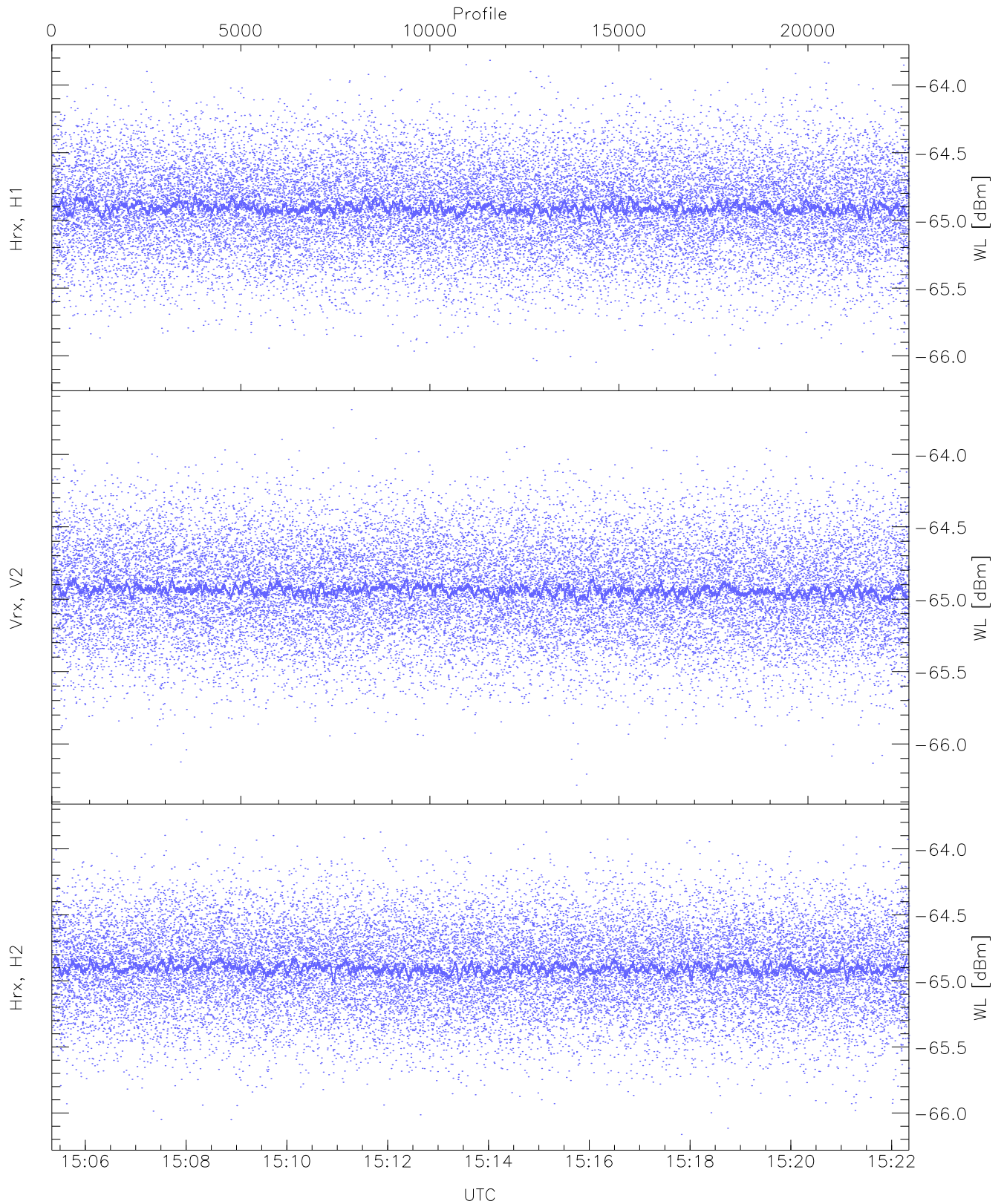
WCR3 CPP Receivers Gain and Noise Figure

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



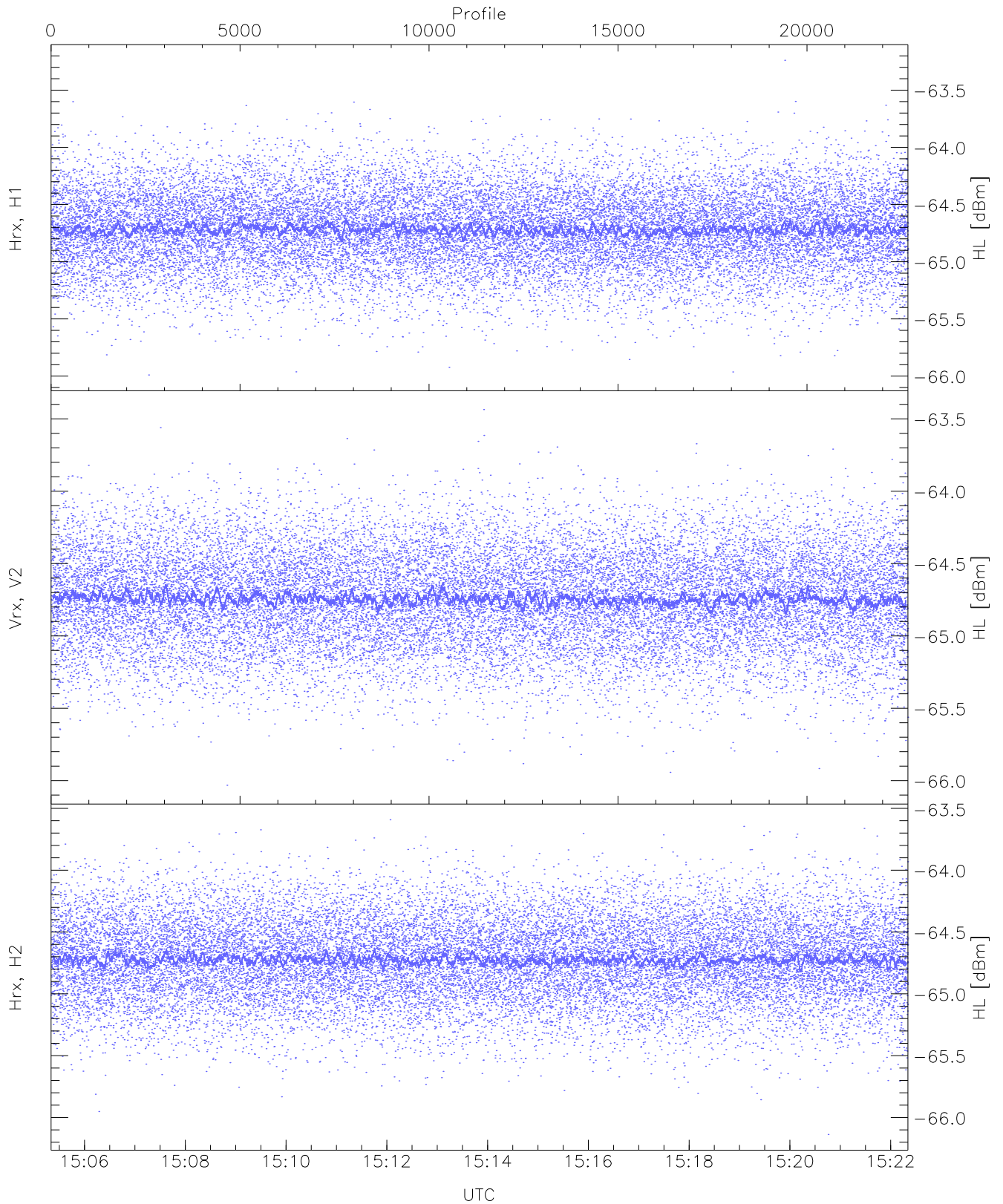
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.47	-65.20	-65.34	-65.35	-86.38
RMPHrxH1 (std_dBm)	-76.17	-74.61	-75.36	-75.36	-89.14
RMPVrxV2 (mean_dBm)	-65.11	-64.85	-64.96	-64.96	-86.29
RMPVrxV2 (std_dBm)	-75.66	-74.32	-74.98	-74.98	-88.78
RMPHrxH2 (mean_dBm)	-65.04	-64.80	-64.91	-64.91	-86.43
RMPHrxH2 (std_dBm)	-75.62	-74.19	-74.93	-74.93	-88.73



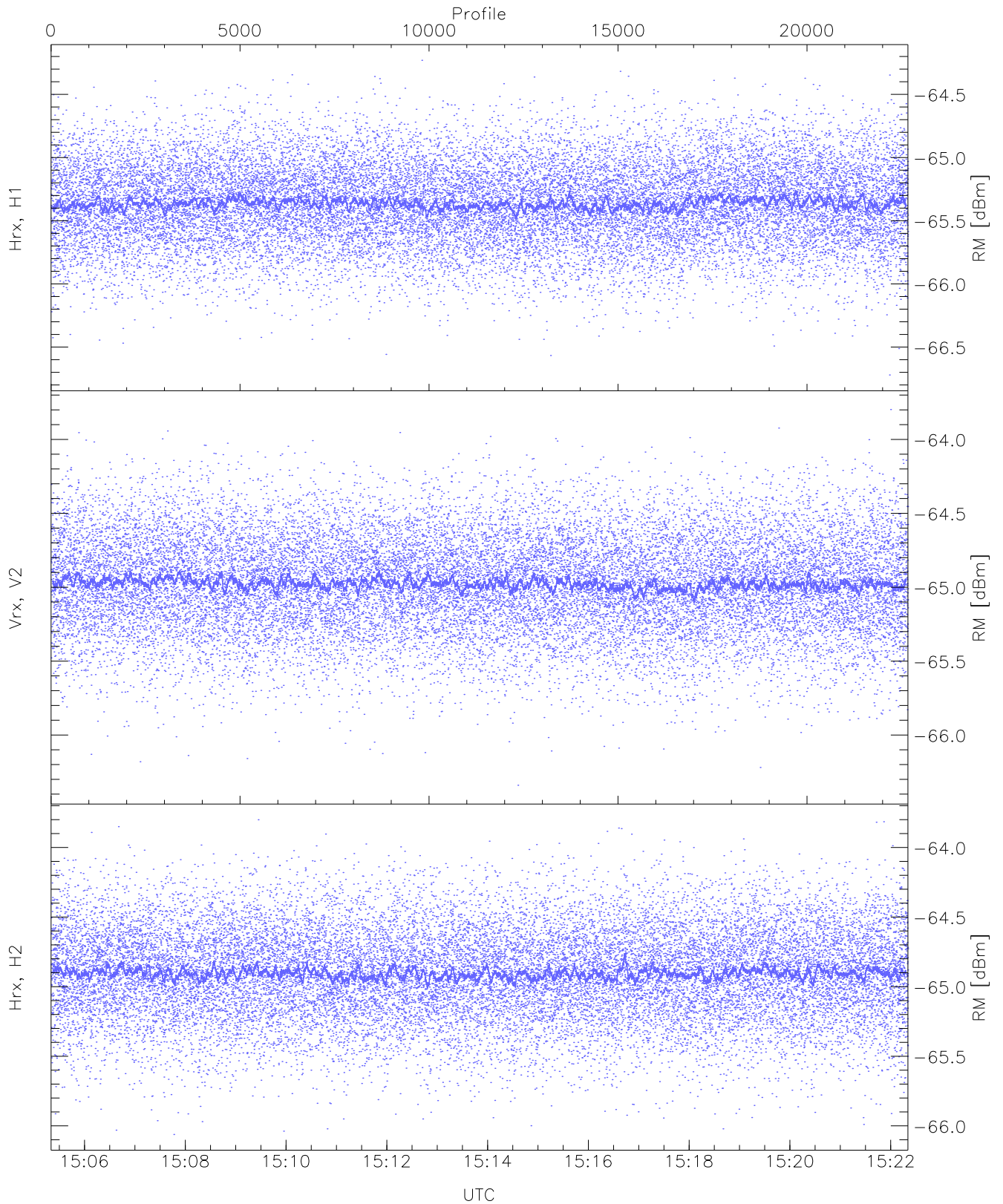
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.14	-63.82	-64.90	-64.90	-76.42
Vrx, V2 (WL [dBm])	-66.29	-63.69	-64.93	-64.94	-76.42
Hrx, H2 (WL [dBm])	-66.16	-63.78	-64.90	-64.90	-76.44



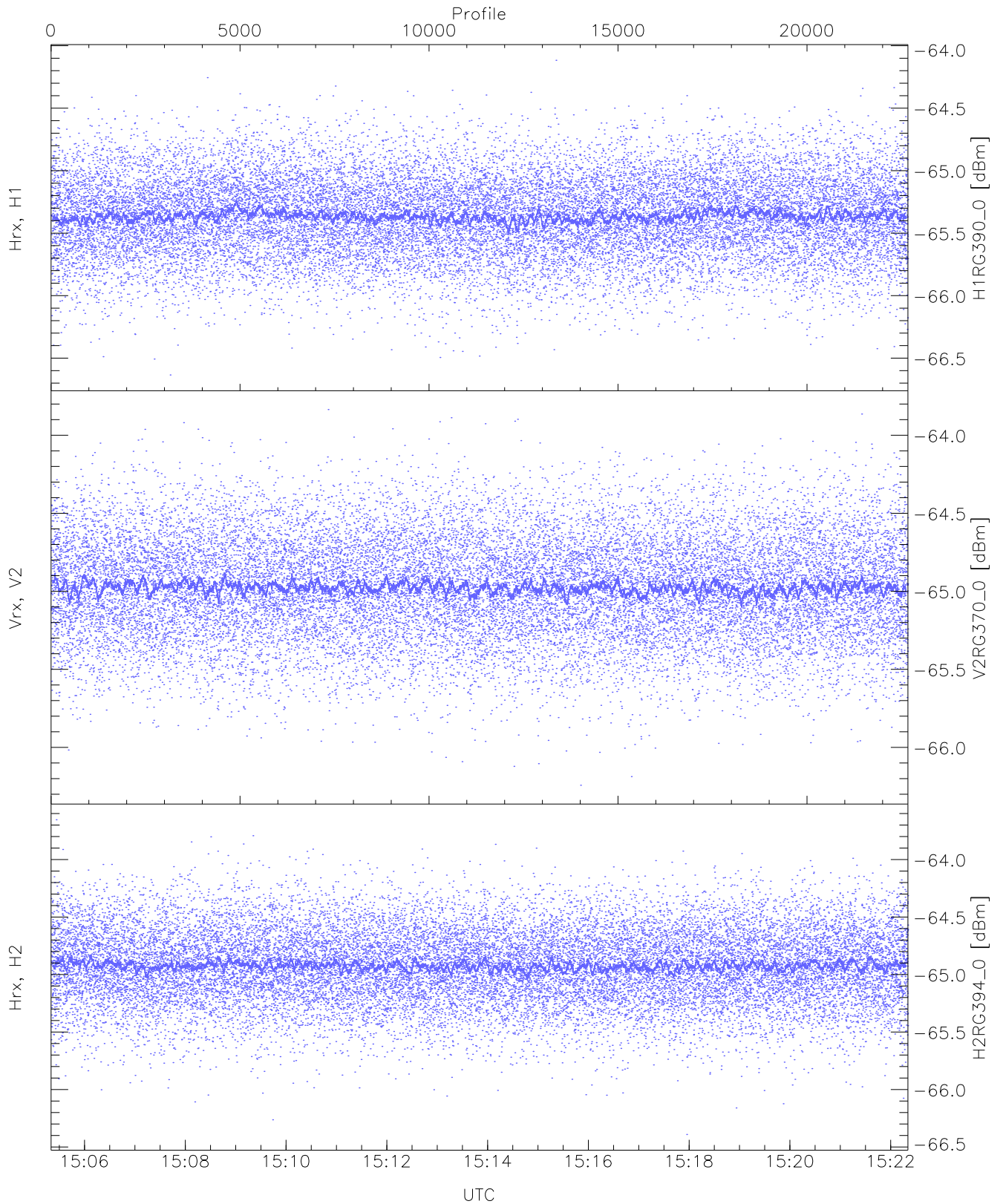
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.99	-63.24	-64.71	-64.72	-76.17
Vrx, V2 (HL [dBm])	-66.03	-63.44	-64.74	-64.75	-76.22
Hrx, H2 (HL [dBm])	-66.14	-63.59	-64.72	-64.72	-76.23



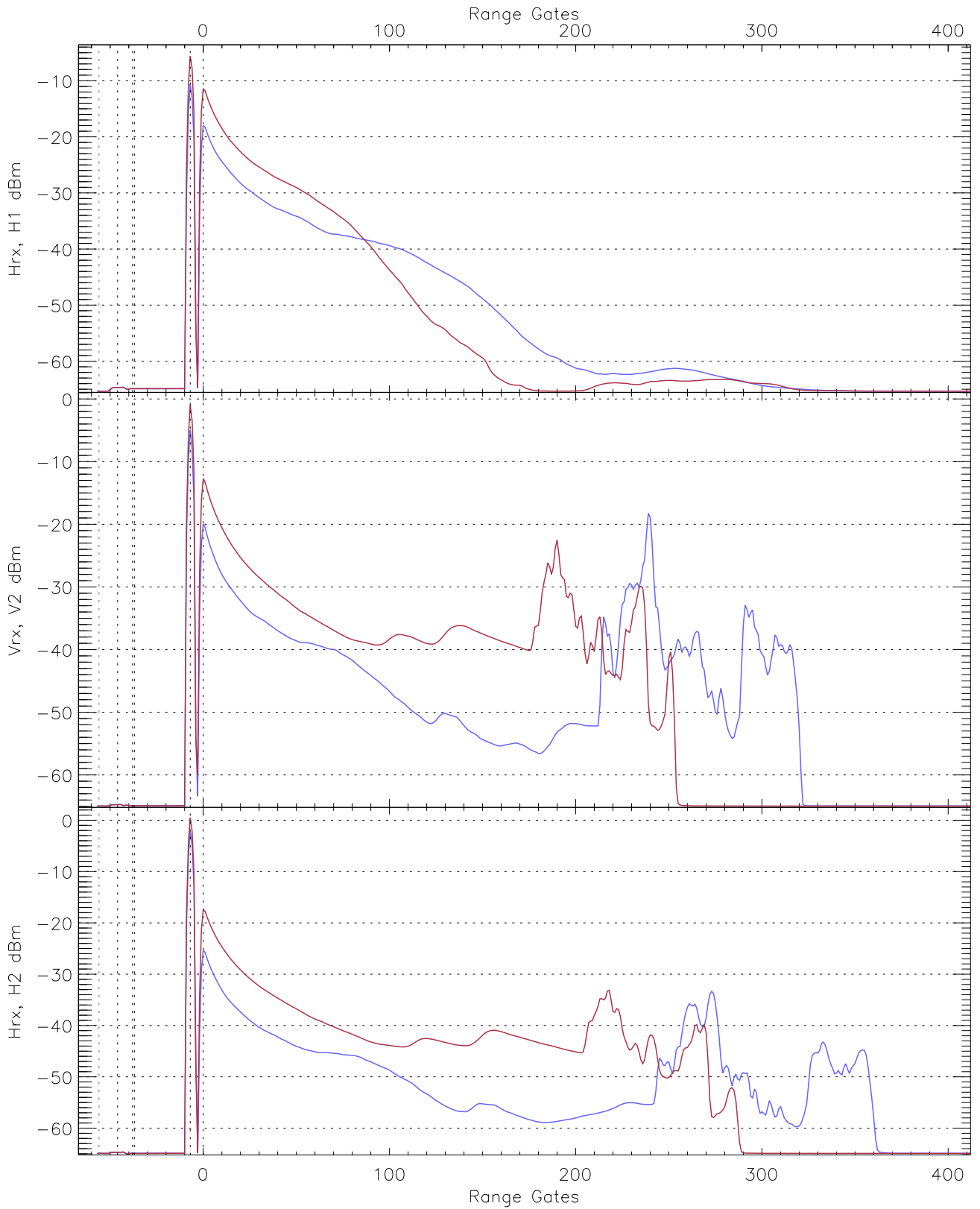
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.72	-64.23	-65.36	-65.37	-76.87
Vrx, V2 (RM [dBm])	-66.34	-63.80	-64.97	-64.98	-76.46
Hrx, H2 (RM [dBm])	-66.06	-63.80	-64.90	-64.90	-76.38

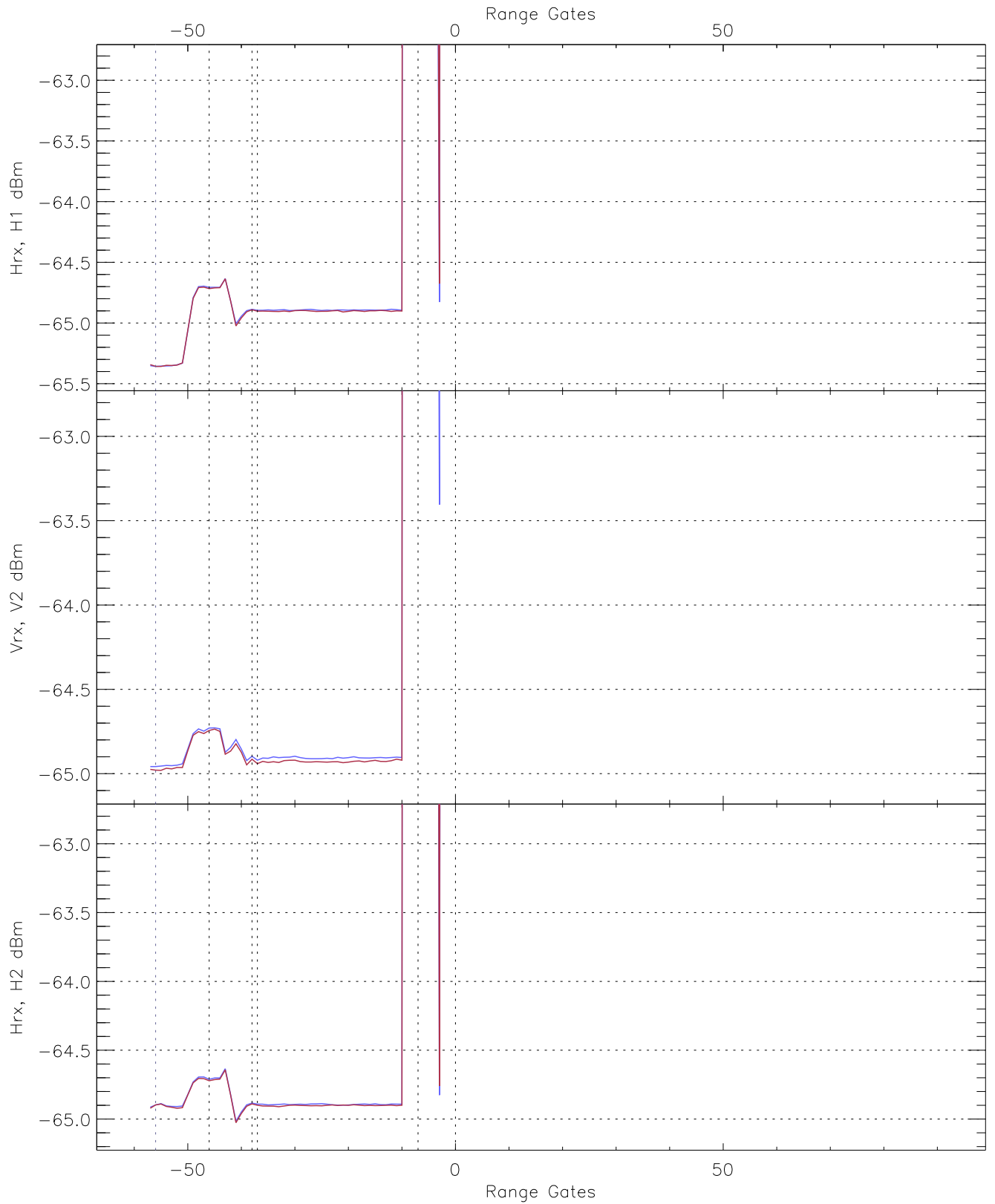


WCR3 CPP "Best" estimate Receivers Noise Power

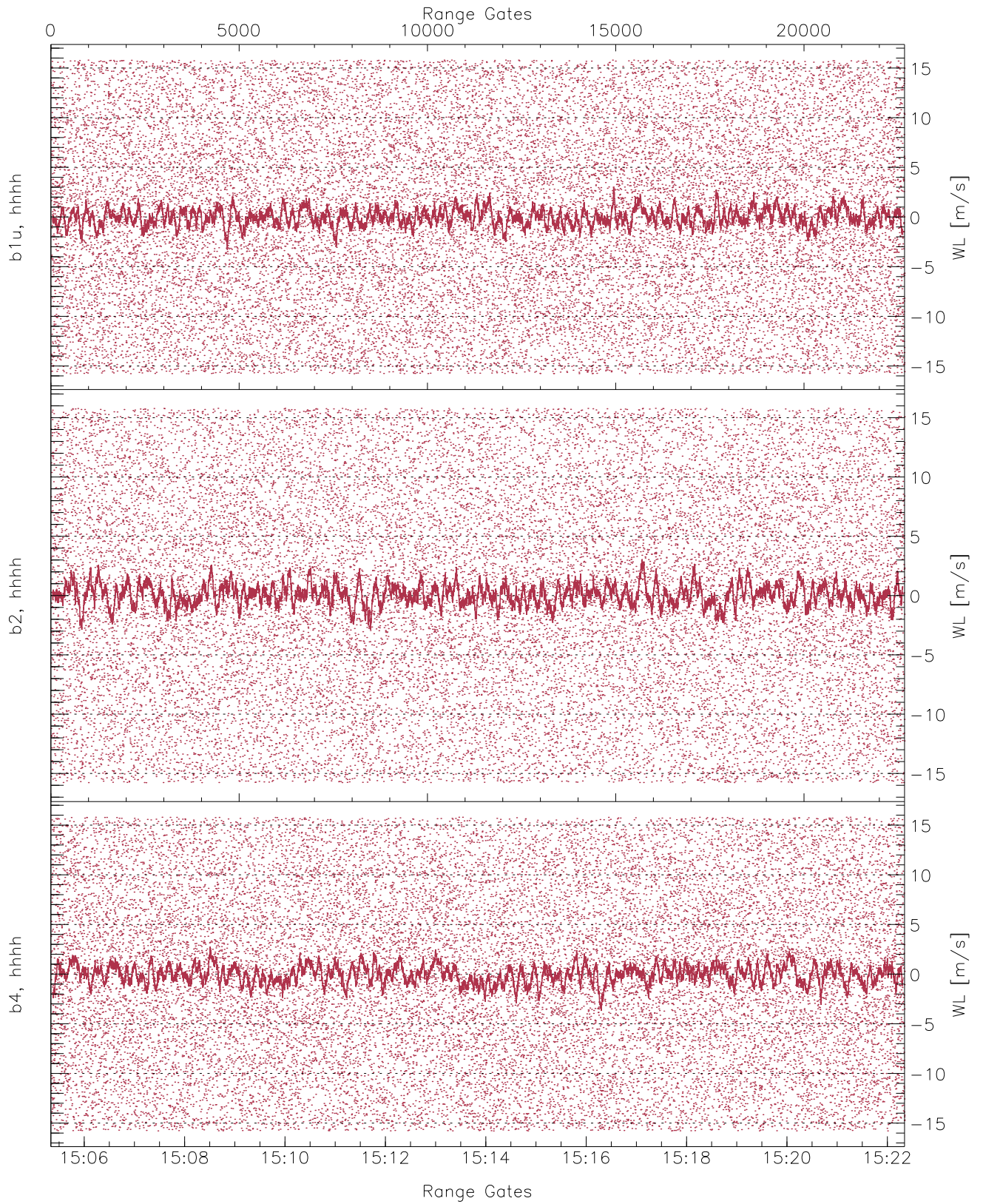
	Min	Max	Mean	Median	StDev
H1RG390_0 [dBm]	-66.63	-64.12	-65.36	-65.36	-76.89
V2RG370_0 [dBm]	-66.24	-63.84	-64.97	-64.98	-76.47
H2RG394_0 [dBm]	-66.39	-63.65	-64.92	-64.93	-76.40



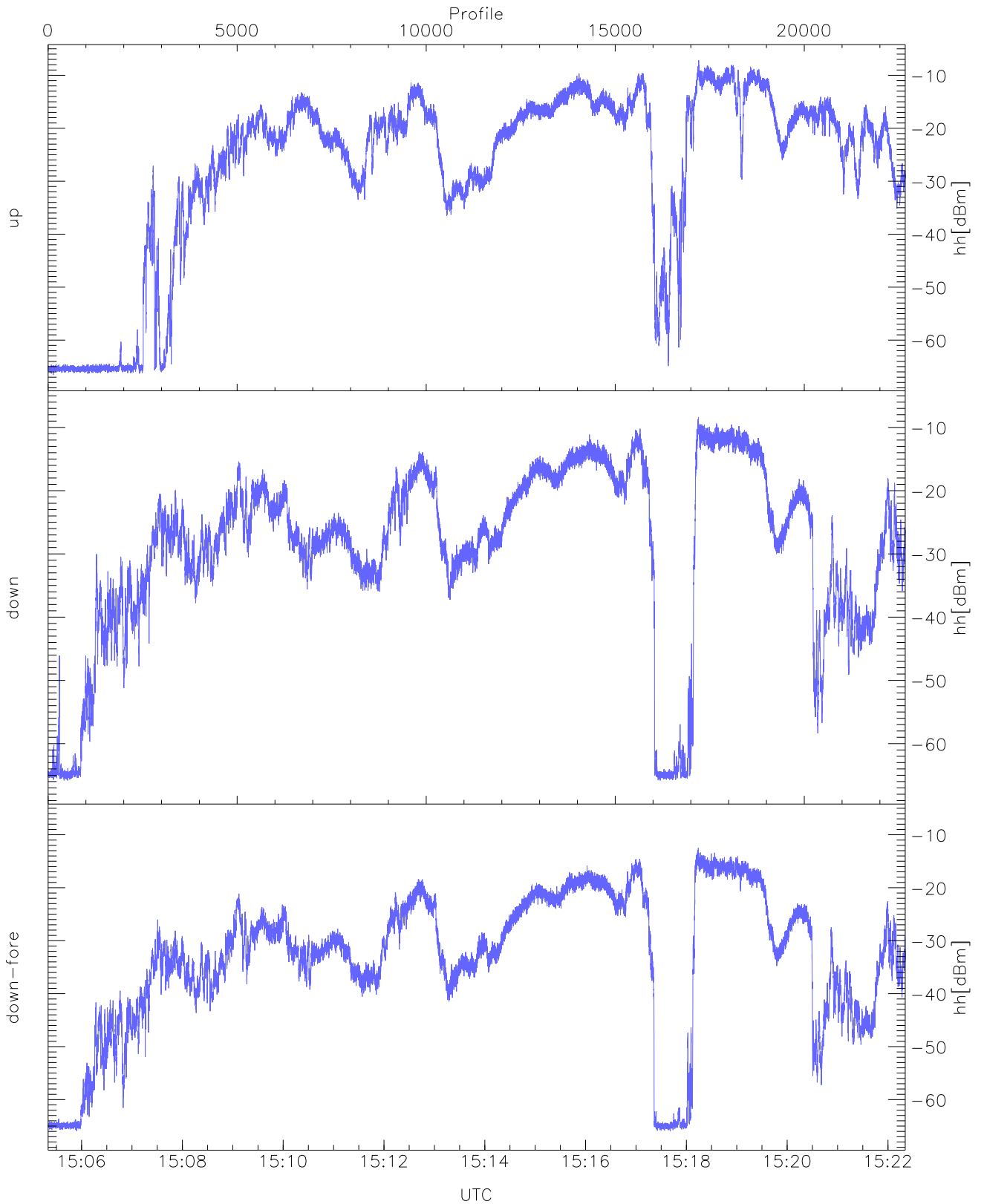
WCR3 CPP Averaged Received power for all recorded gates
blue: 150520-151350, 11337 profiles averaged
red: 151350-152221, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 150520-151350, 11337 profiles averaged
red: 151350-152221, 11336 profiles averaged

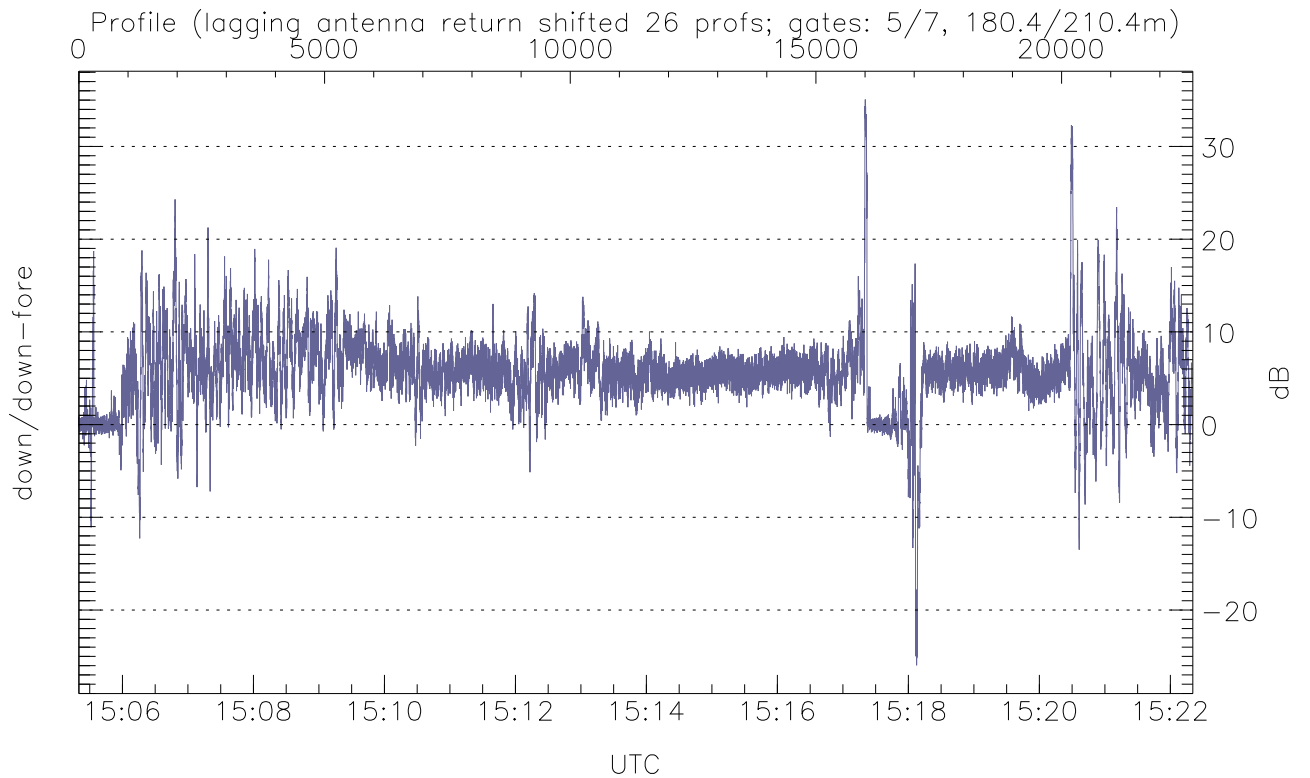
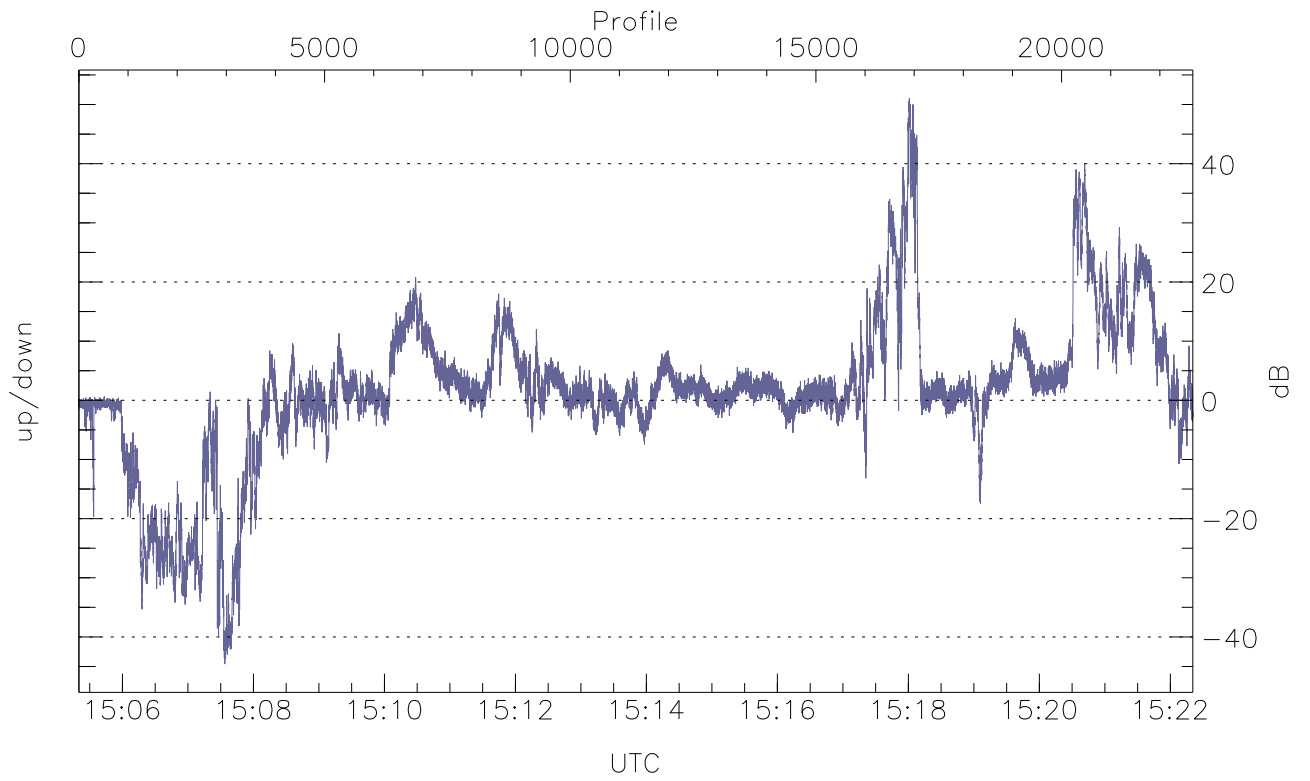


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



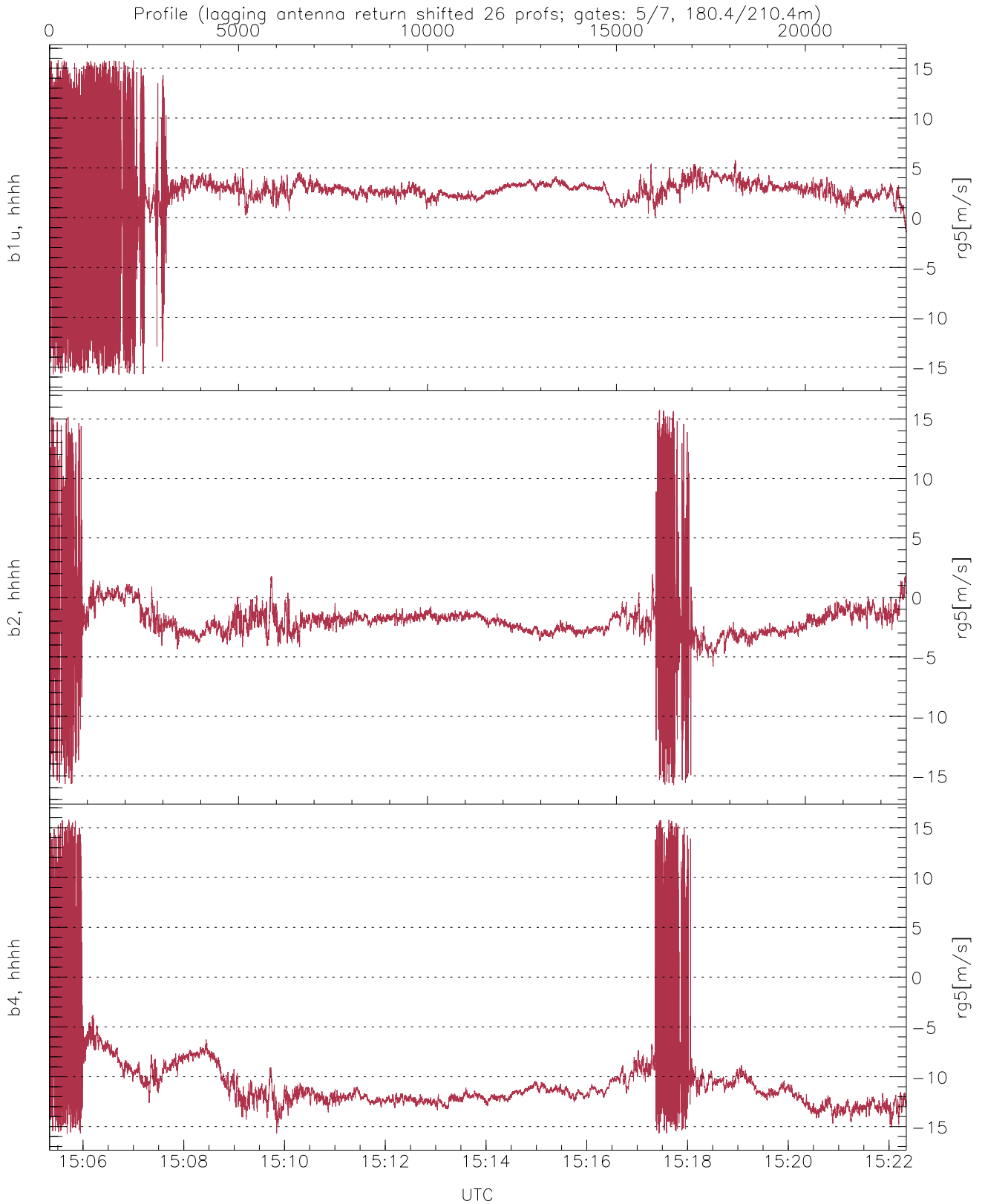
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.58	-7.17	-17.46
down(hh[dBm])	-65.84	-8.43	-19.42
down-fore(hh[dBm])	-65.93	-12.50	-23.79



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

	Min	Max	Mean
up/down (dB)	-44.59	51.05	1.59
down/down-fore (dB)	-25.96	35.06	5.61



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	2.47	3.07
b2, hhhh(rg5[m/s])	-15.77	15.76	-1.94	2.18
b4, hhhh(rg5[m/s])	-15.73	15.79	-10.42	3.88