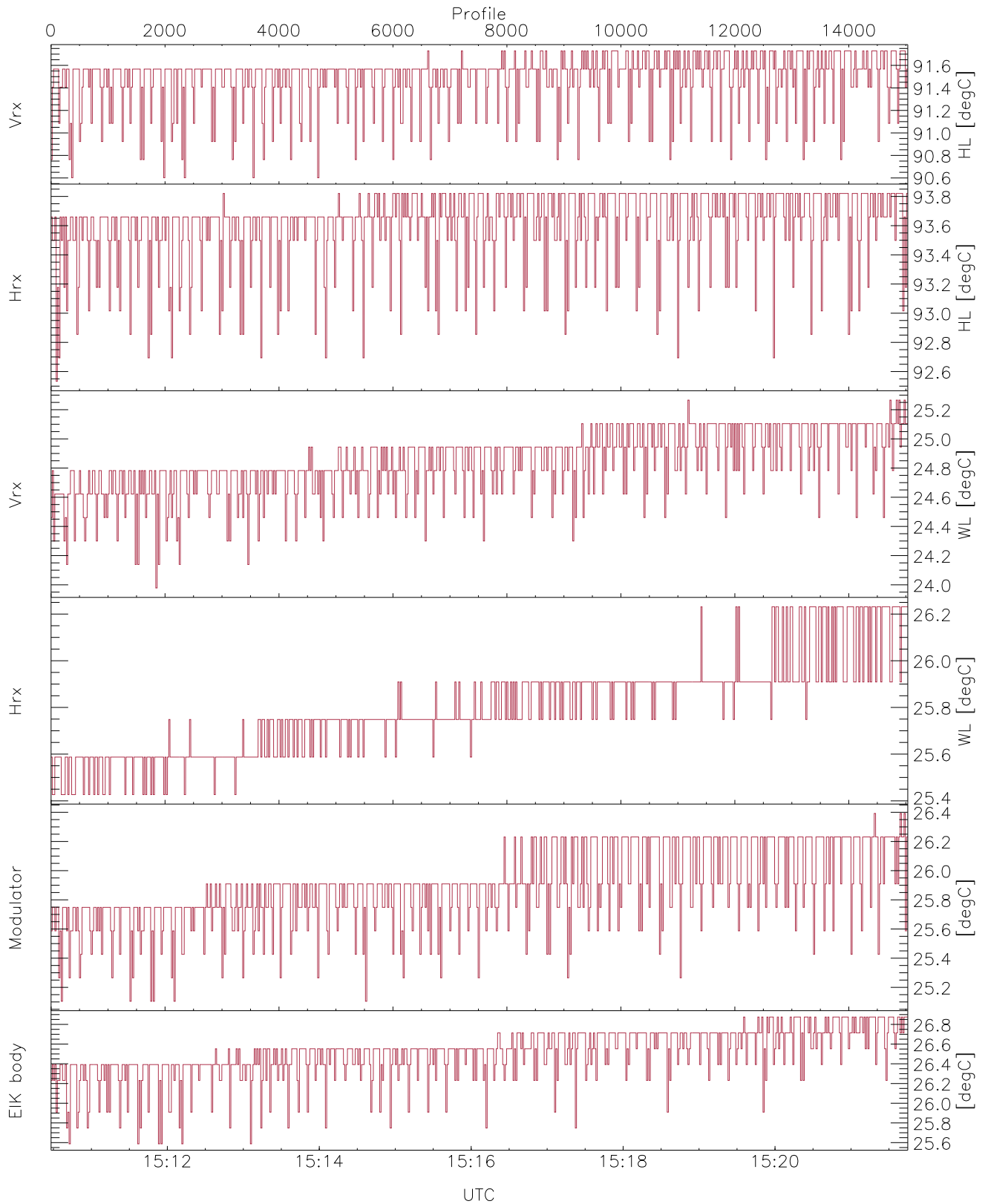


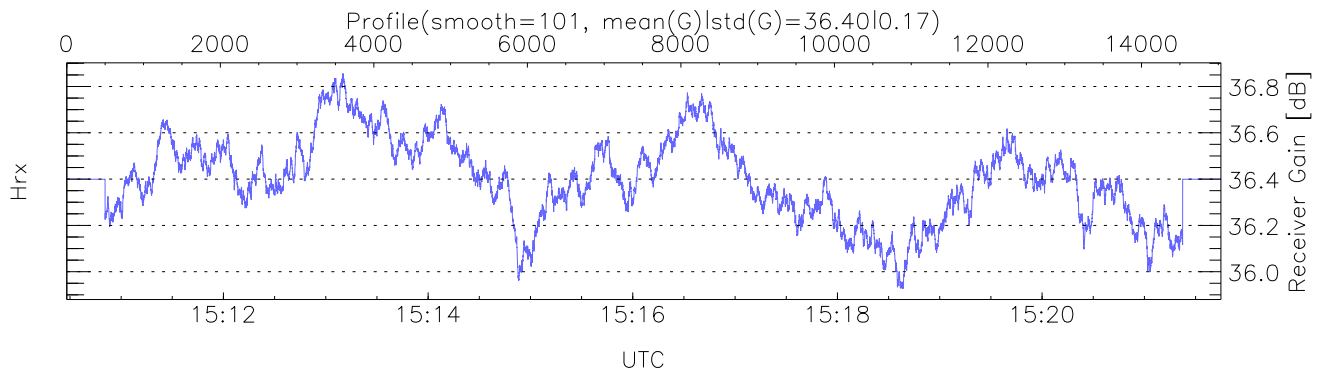
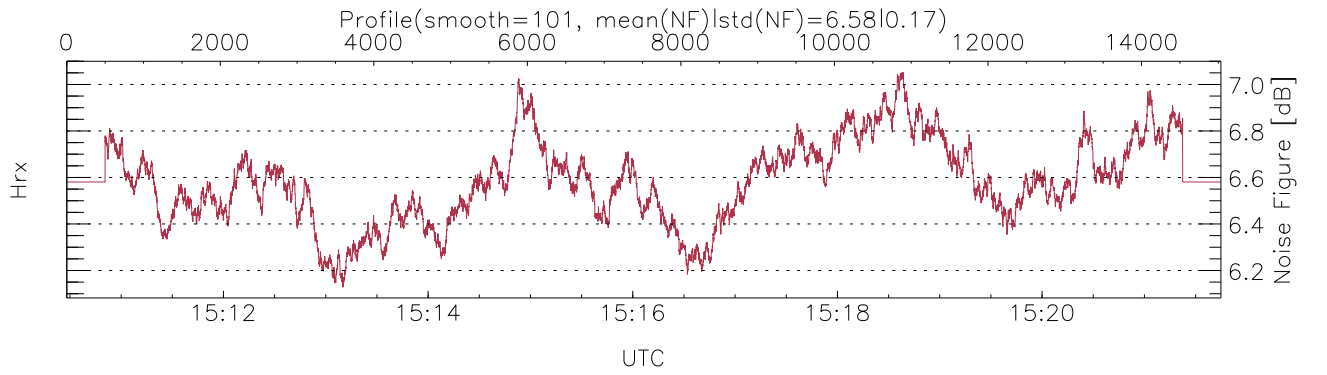
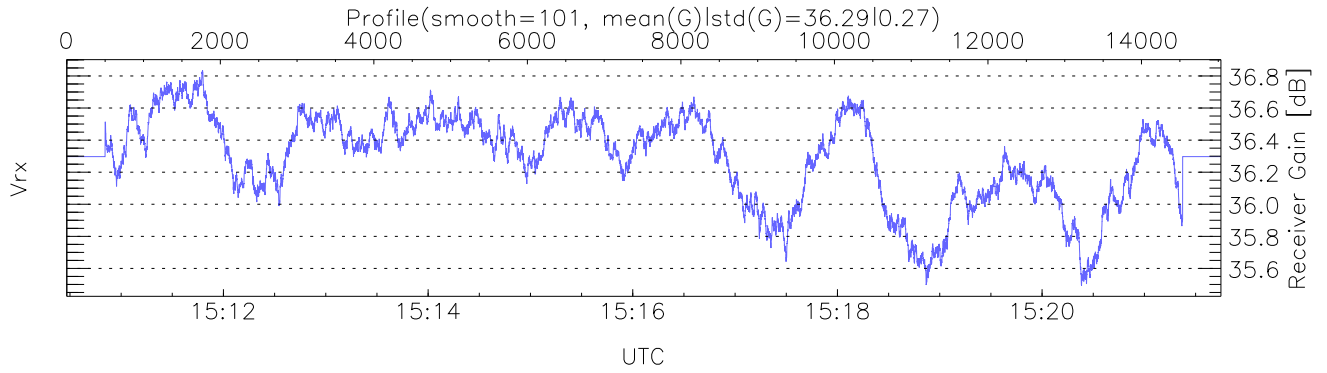
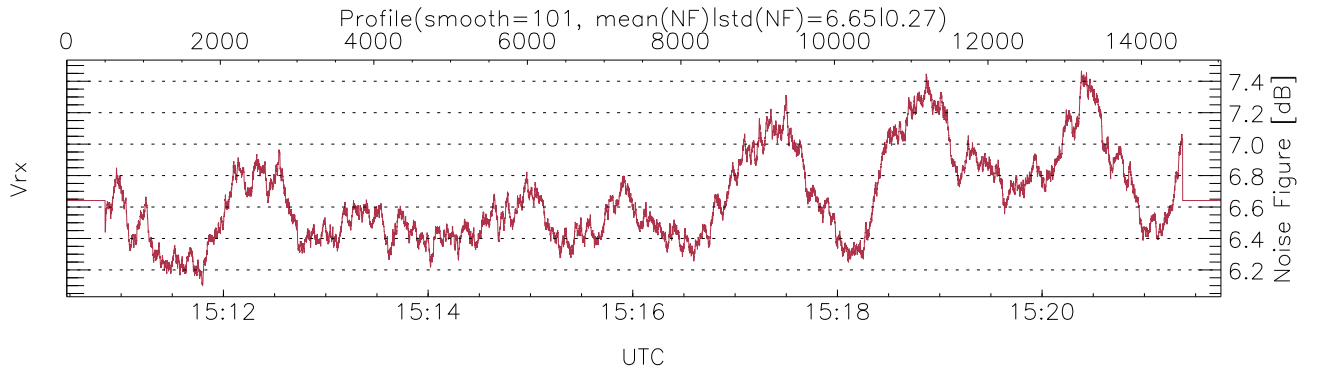
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:10:28-15:21:45, TimeCor: 0.00s, Dur: 676.74s
 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): 15036/15036, 0-15035/15:10:28-15:21:45
 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



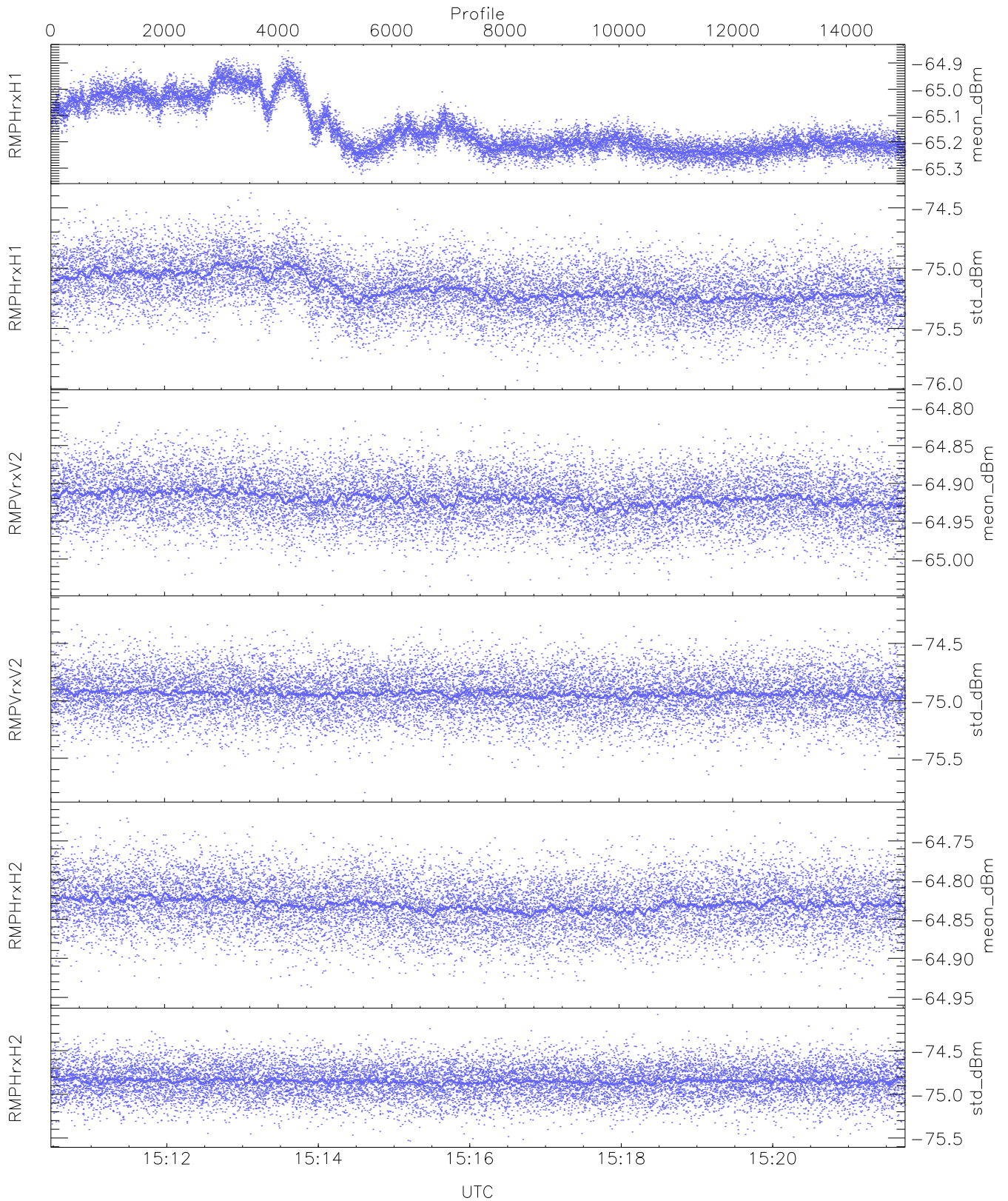
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,25,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,26,26`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



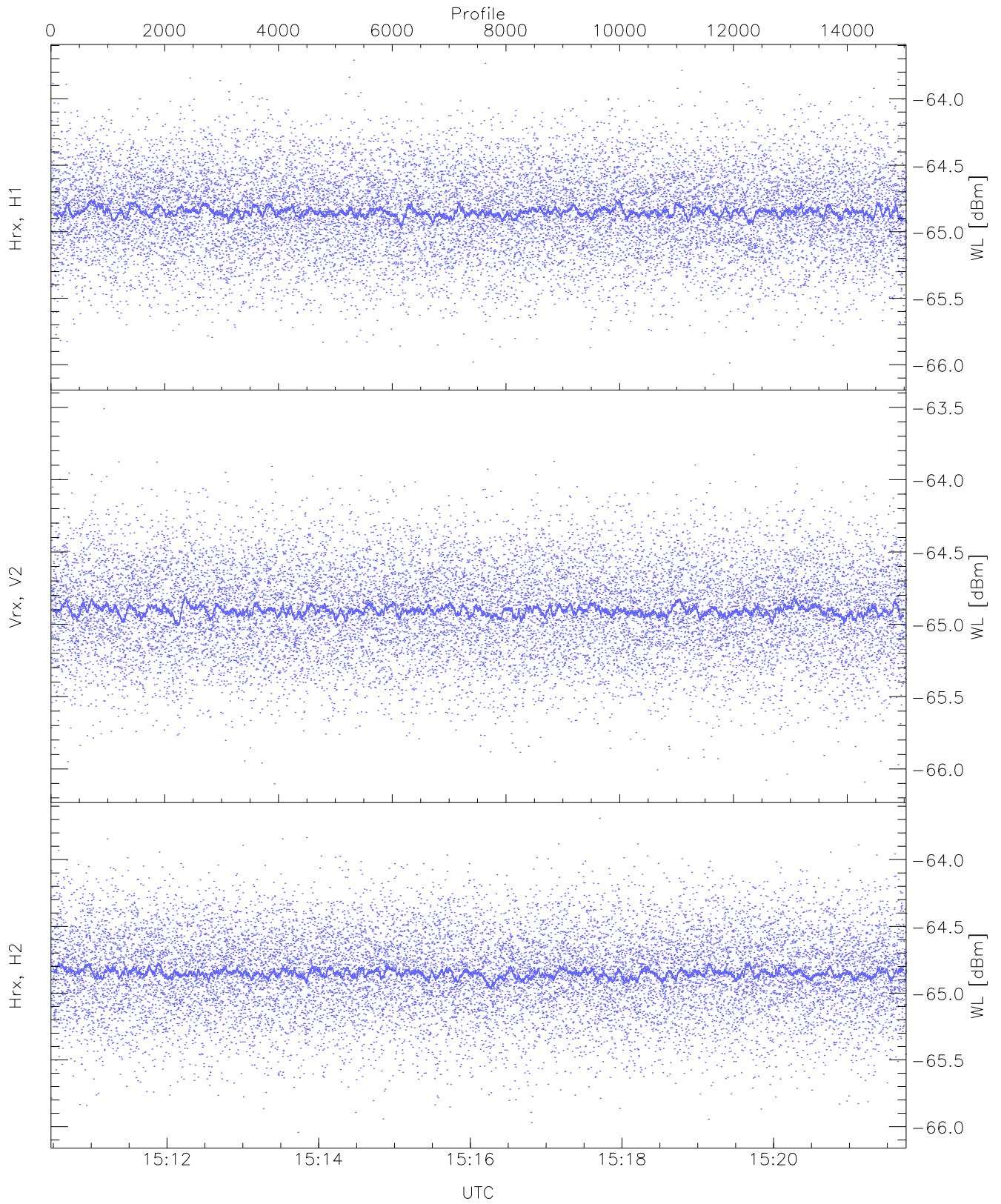
WCR3 CPP Receivers Gain and Noise Figure

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



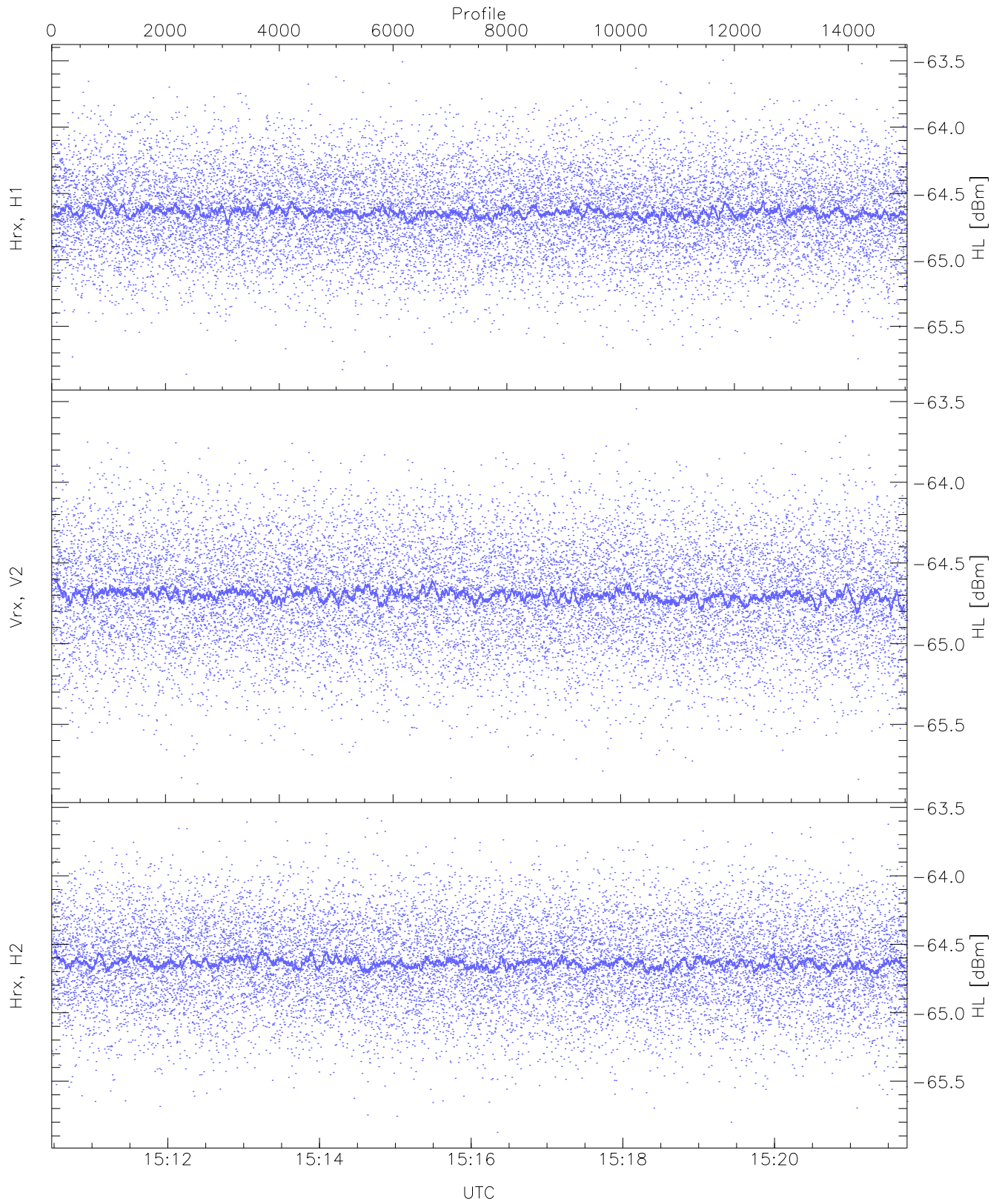
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.33	-64.85	-65.15	-65.19	-81.56
RMPHrxH1(std_dBm)	-75.93	-74.38	-75.16	-75.17	-88.43
RMPVrxV2(mean_dBm)	-65.04	-64.79	-64.92	-64.92	-86.41
RMPVrxV2(std_dBm)	-75.80	-74.17	-74.94	-74.94	-88.67
RMPHrxH2(mean_dBm)	-64.95	-64.71	-64.83	-64.83	-86.41
RMPHrxH2(std_dBm)	-75.53	-74.09	-74.85	-74.85	-88.62



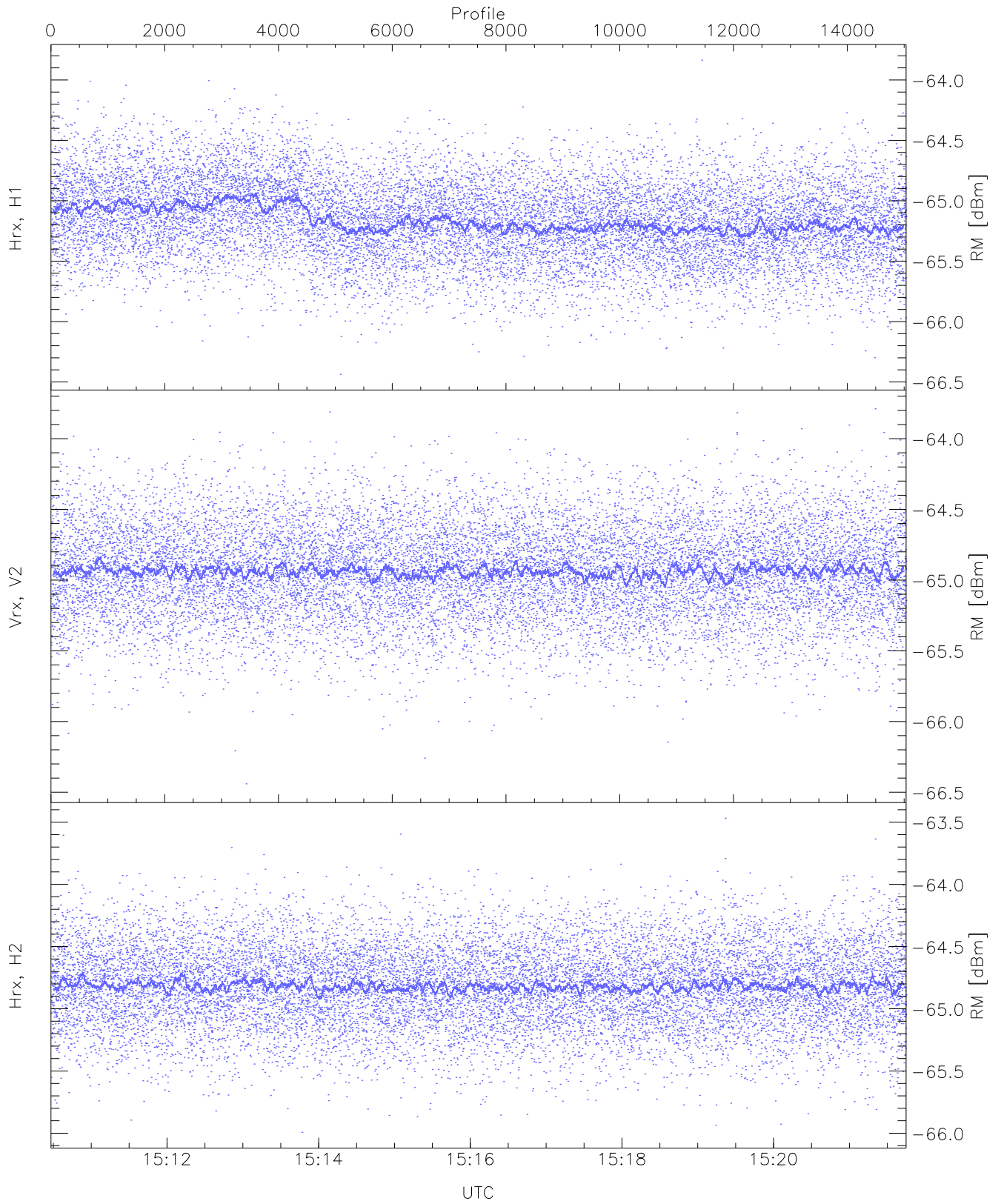
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.07	-63.71	-64.84	-64.85	-76.35
Vrx, V2(WL [dBm])	-66.10	-63.51	-64.90	-64.90	-76.42
Hrx, H2(WL [dBm])	-66.04	-63.69	-64.84	-64.85	-76.40



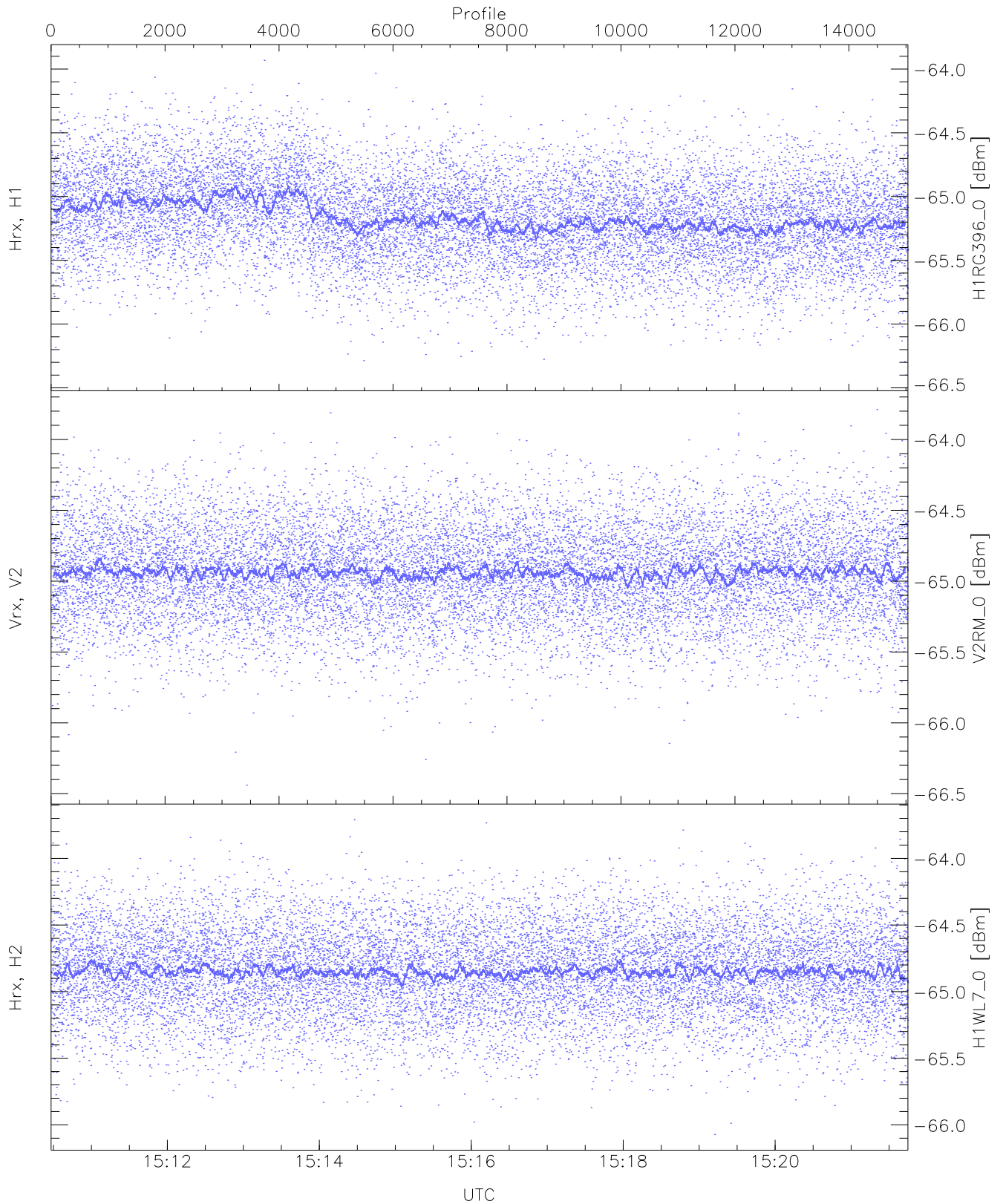
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.86	-63.50	-64.63	-64.64	-76.15
Vrx, V2 (HL [dBm])	-65.87	-63.54	-64.69	-64.70	-76.21
Hrx, H2 (HL [dBm])	-65.87	-63.58	-64.63	-64.64	-76.15



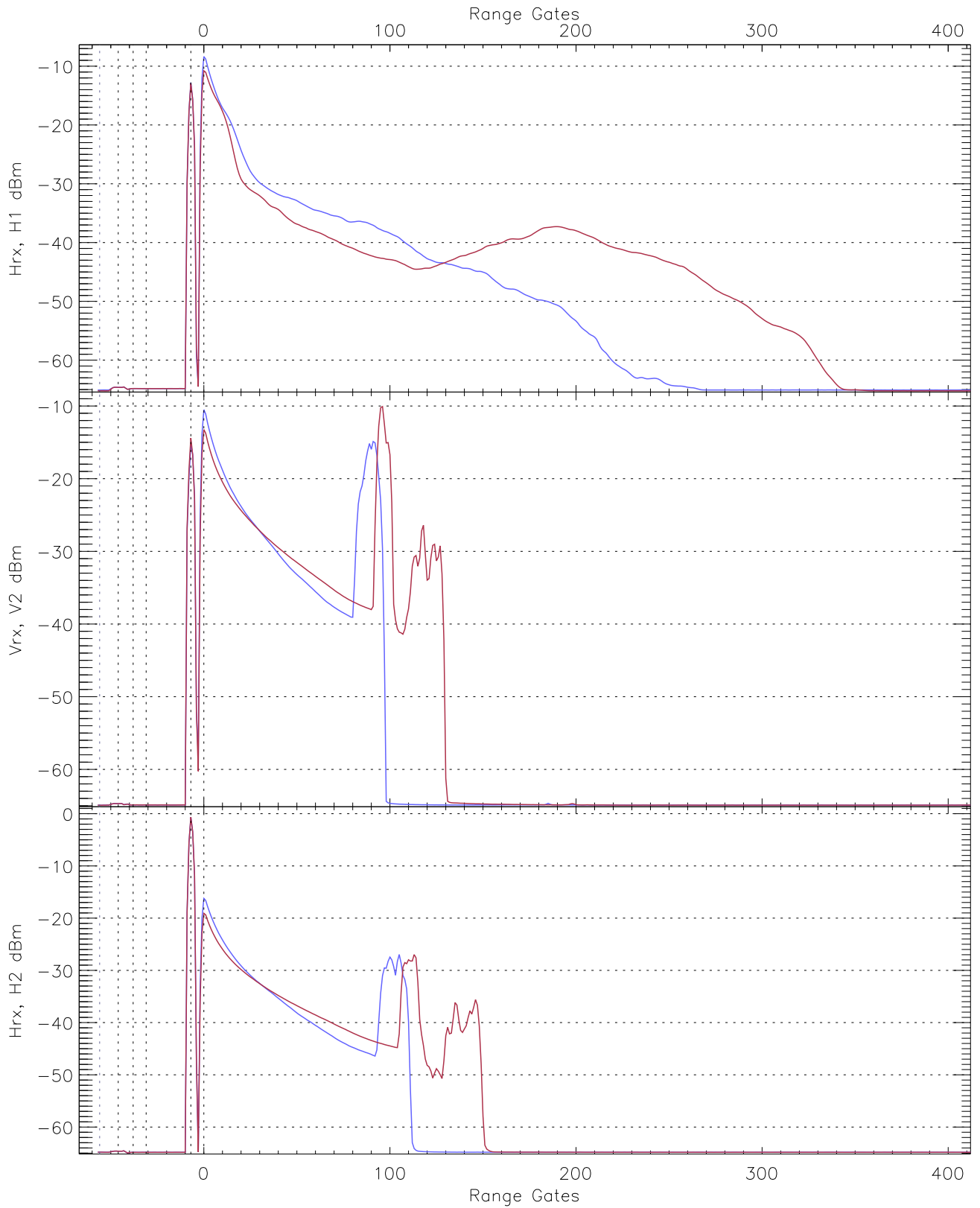
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.44	-63.84	-65.15	-65.16	-76.51
Vrx, V2 (RM [dBm])	-66.44	-63.79	-64.93	-64.94	-76.42
Hrx, H2 (RM [dBm])	-65.99	-63.47	-64.81	-64.82	-76.29

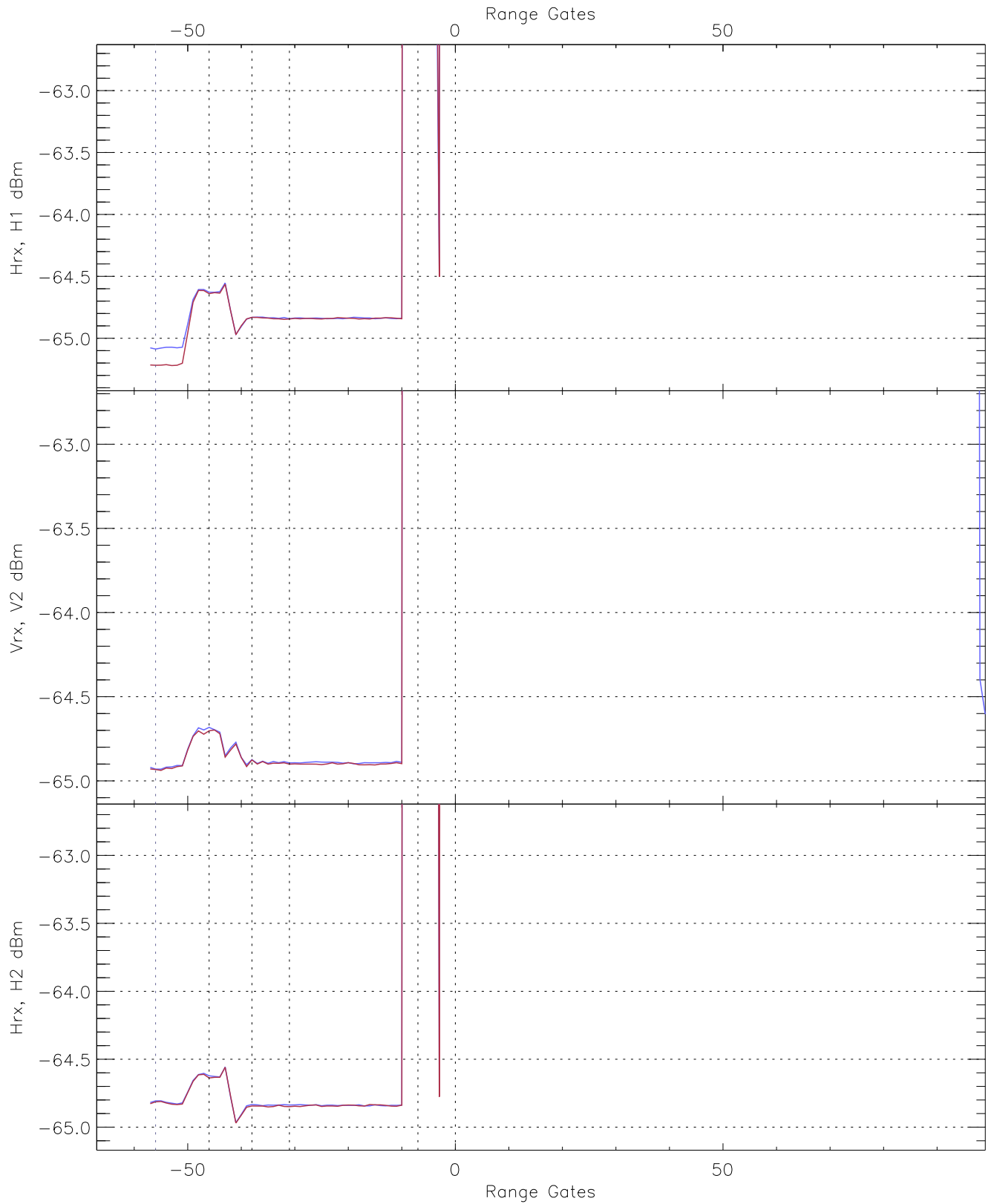


WCR3 CPP "Best" estimate Receivers Noise Power

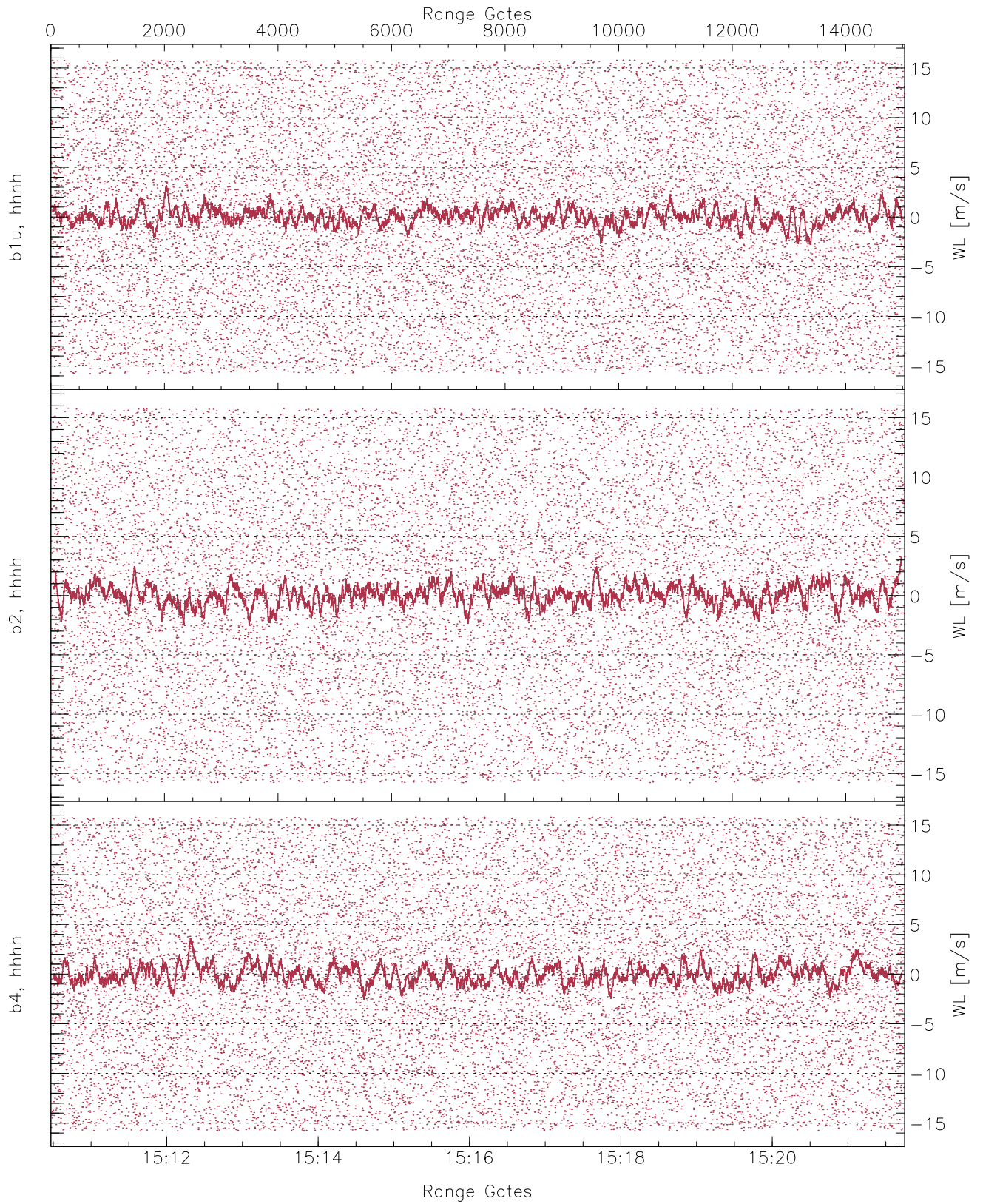
	Min	Max	Mean	Median	StDev
H1RG396_0 [dBm]	-66.40	-63.93	-65.15	-65.16	-76.46
V2RM_0 [dBm]	-66.44	-63.79	-64.93	-64.94	-76.42
H1WL7_0 [dBm]	-66.07	-63.71	-64.84	-64.85	-76.35



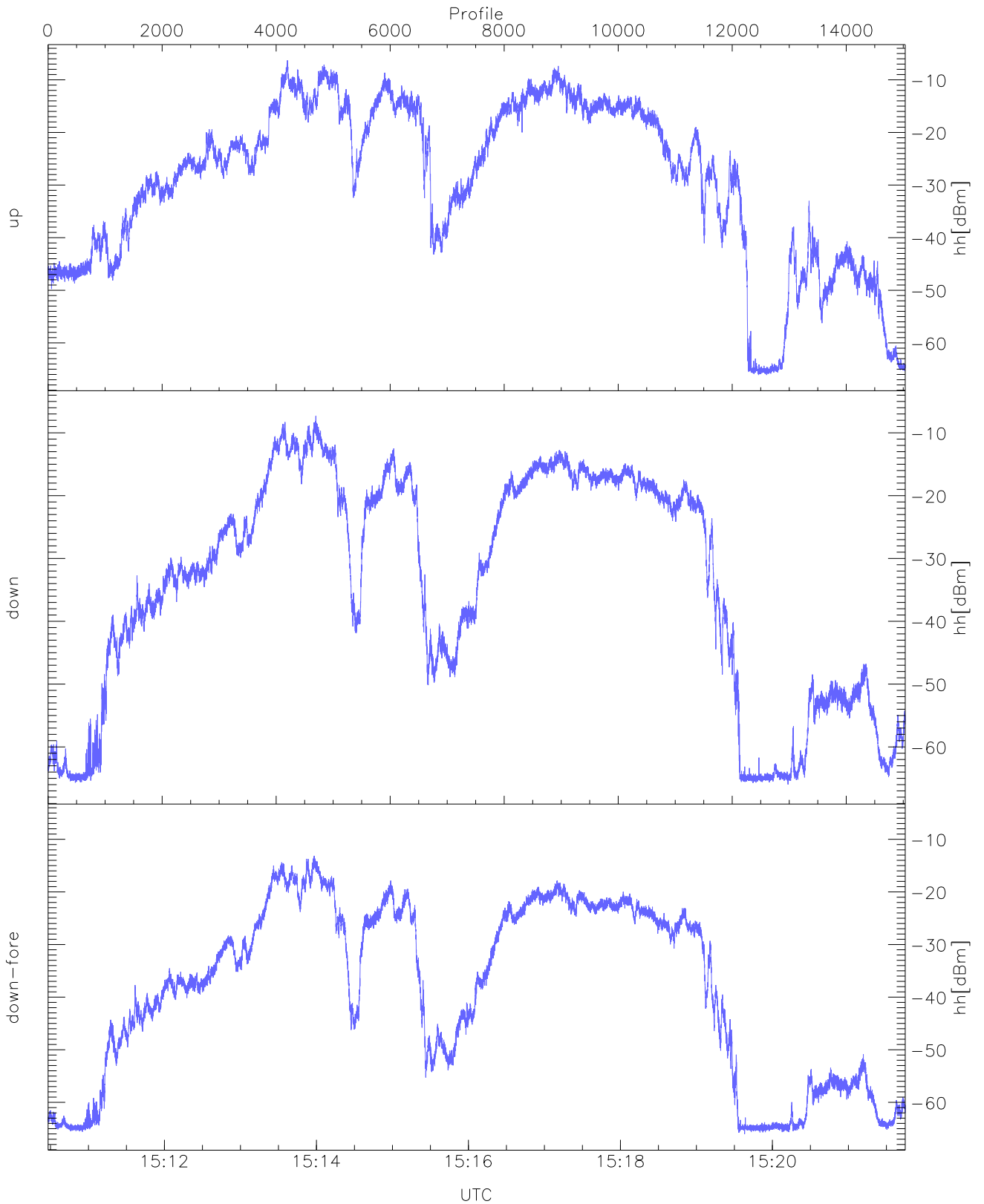
WCR3 CPP Averaged Received power for all recorded gates
blue: 151028-151607, 7519 profiles averaged
red: 151607-152145, 7518 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 151028-151607, 7519 profiles averaged
red: 151607-152145, 7518 profiles averaged

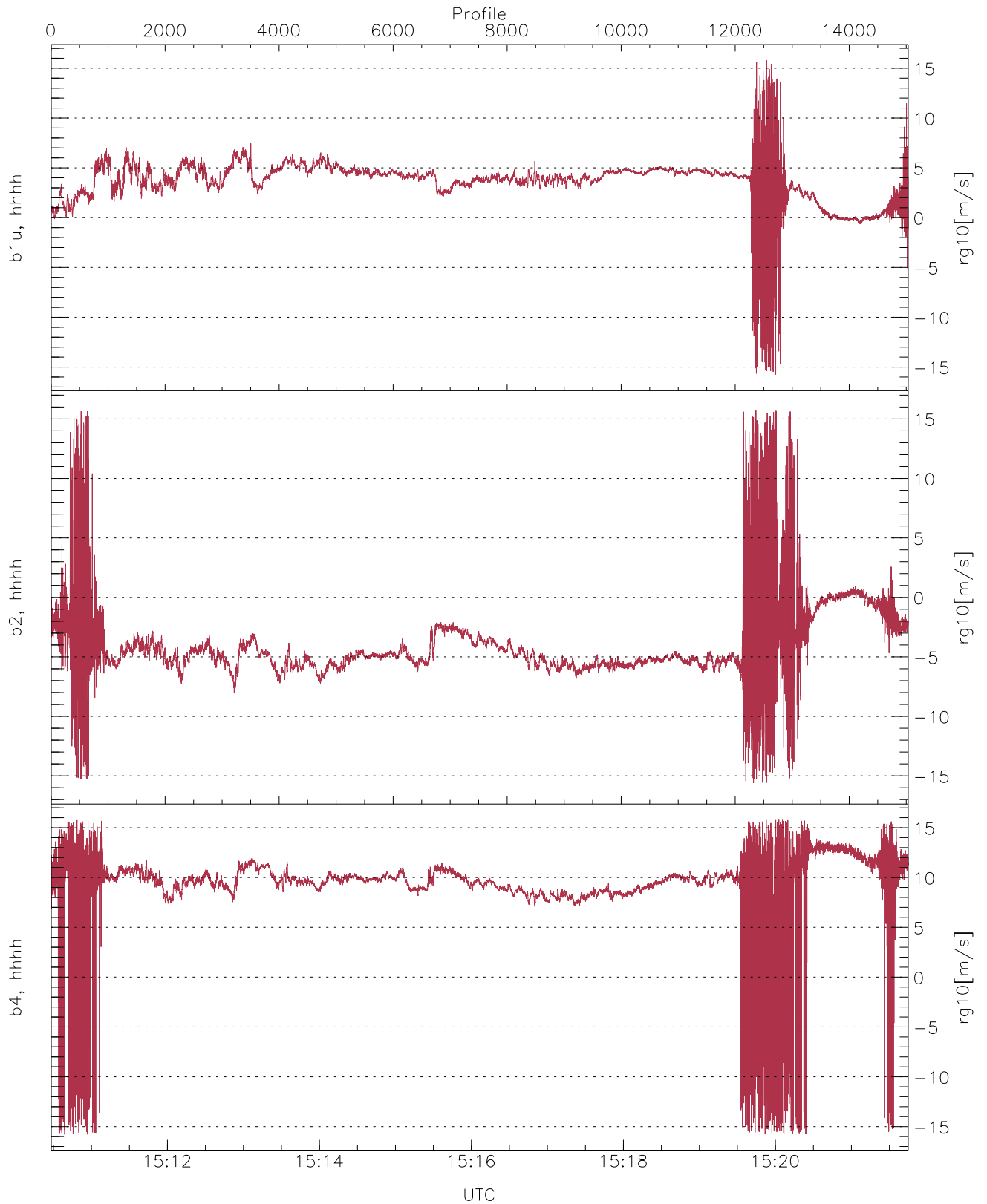


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 10 (255.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.10	-6.29	-17.37
down(hh[dBm])	-65.98	-7.32	-19.57
down-fore(hh[dBm])	-66.02	-13.13	-24.96



WCR3 CPP Doppler Velocity Products at 255.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg10[m/s])	-15.74	15.79	3.58	2.16
b2, hhhh(rg10[m/s])	-15.59	15.70	-3.97	2.93
b4, hhhh(rg10[m/s])	-15.78	15.78	9.00	4.31