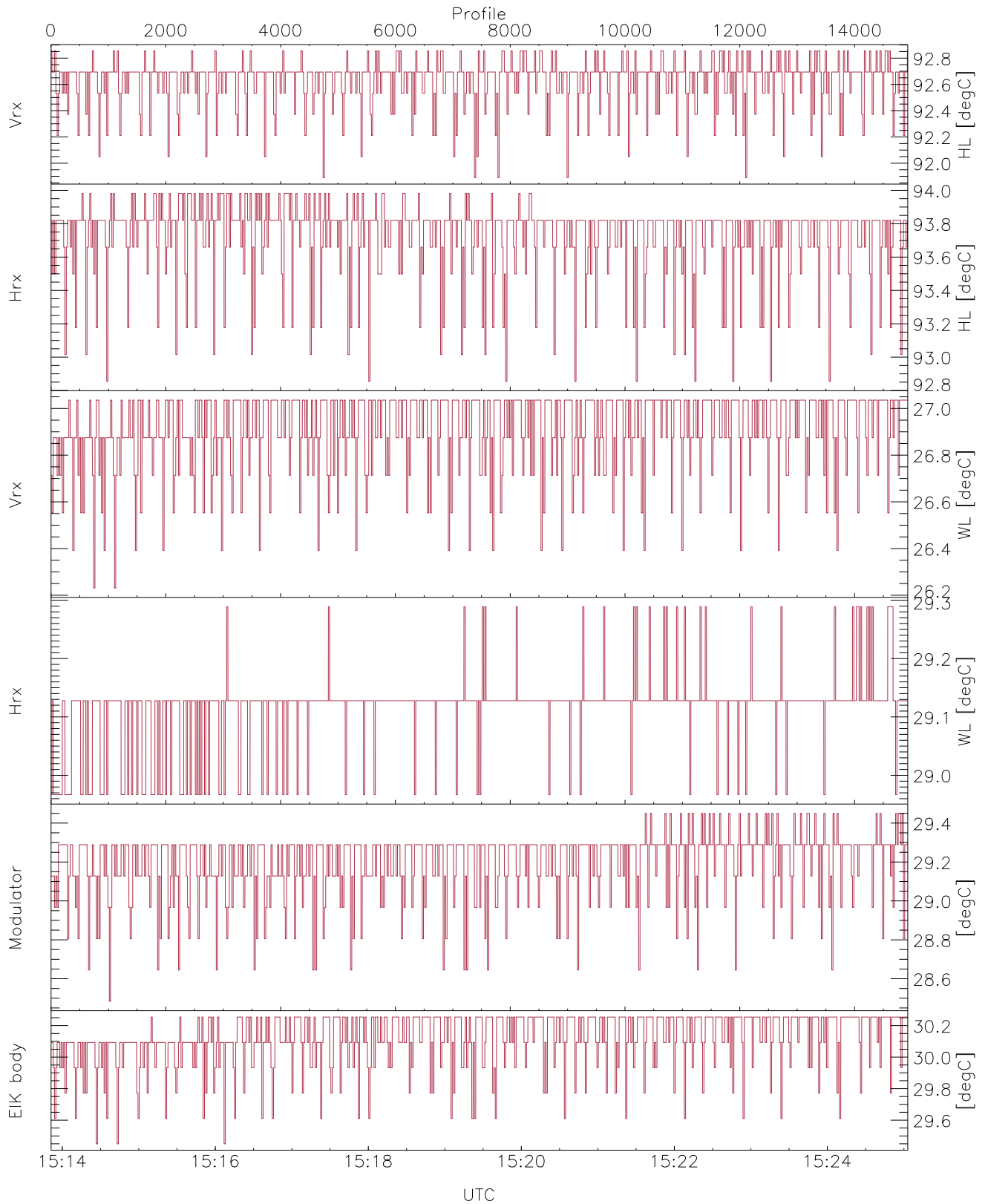


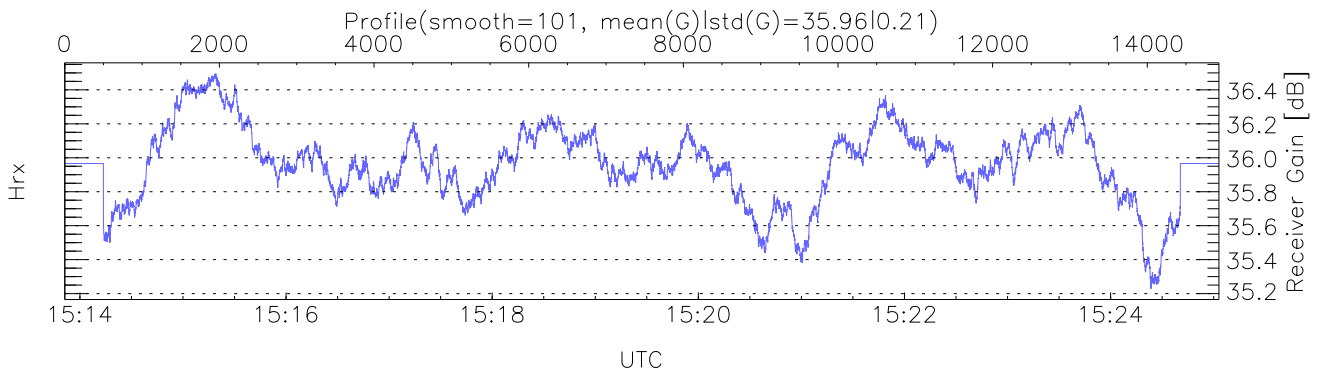
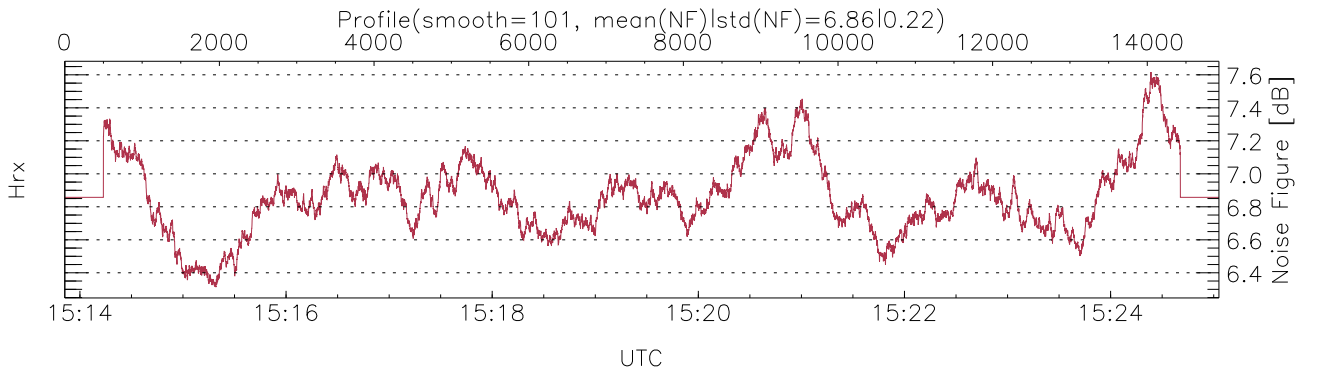
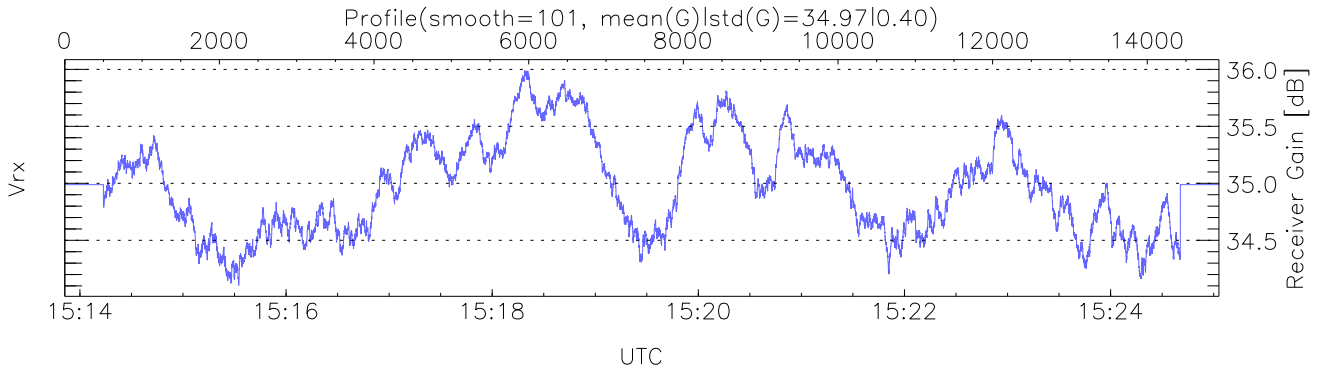
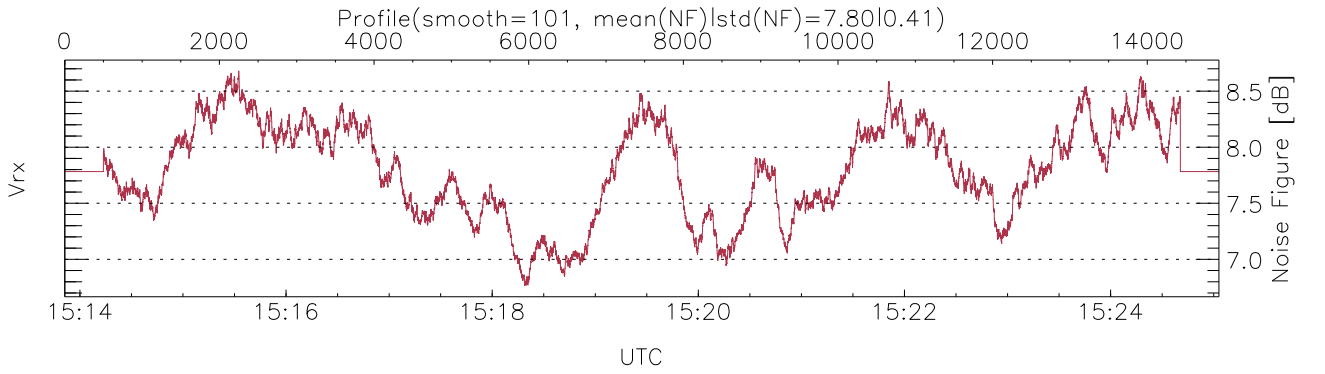
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:13:51-15:25:03, TimeCor: 0.00s, Dur: 671.88s  
 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): 14928/14928, 0-14927/15:13:51-15:25:03  
 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



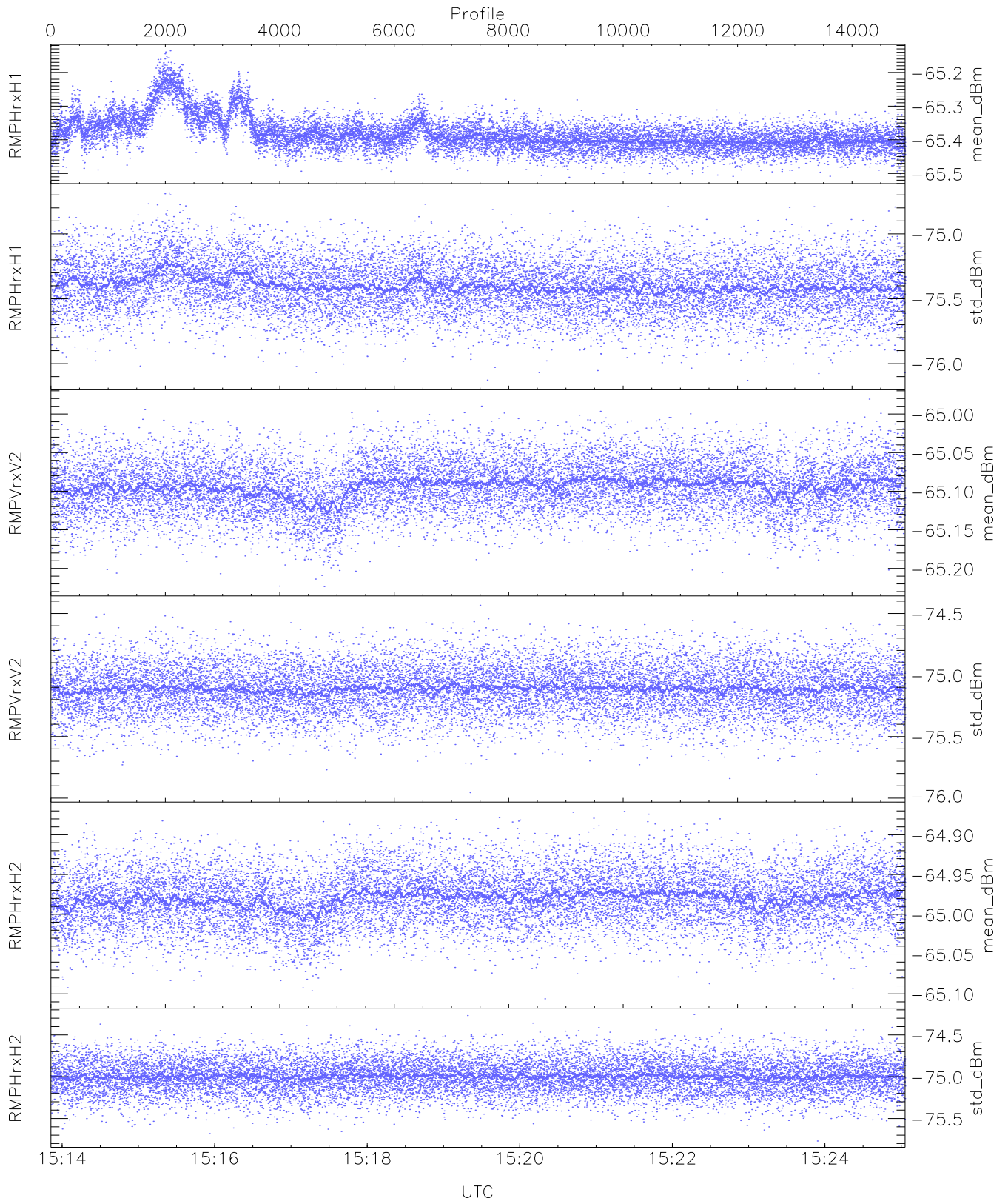
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,28,29  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



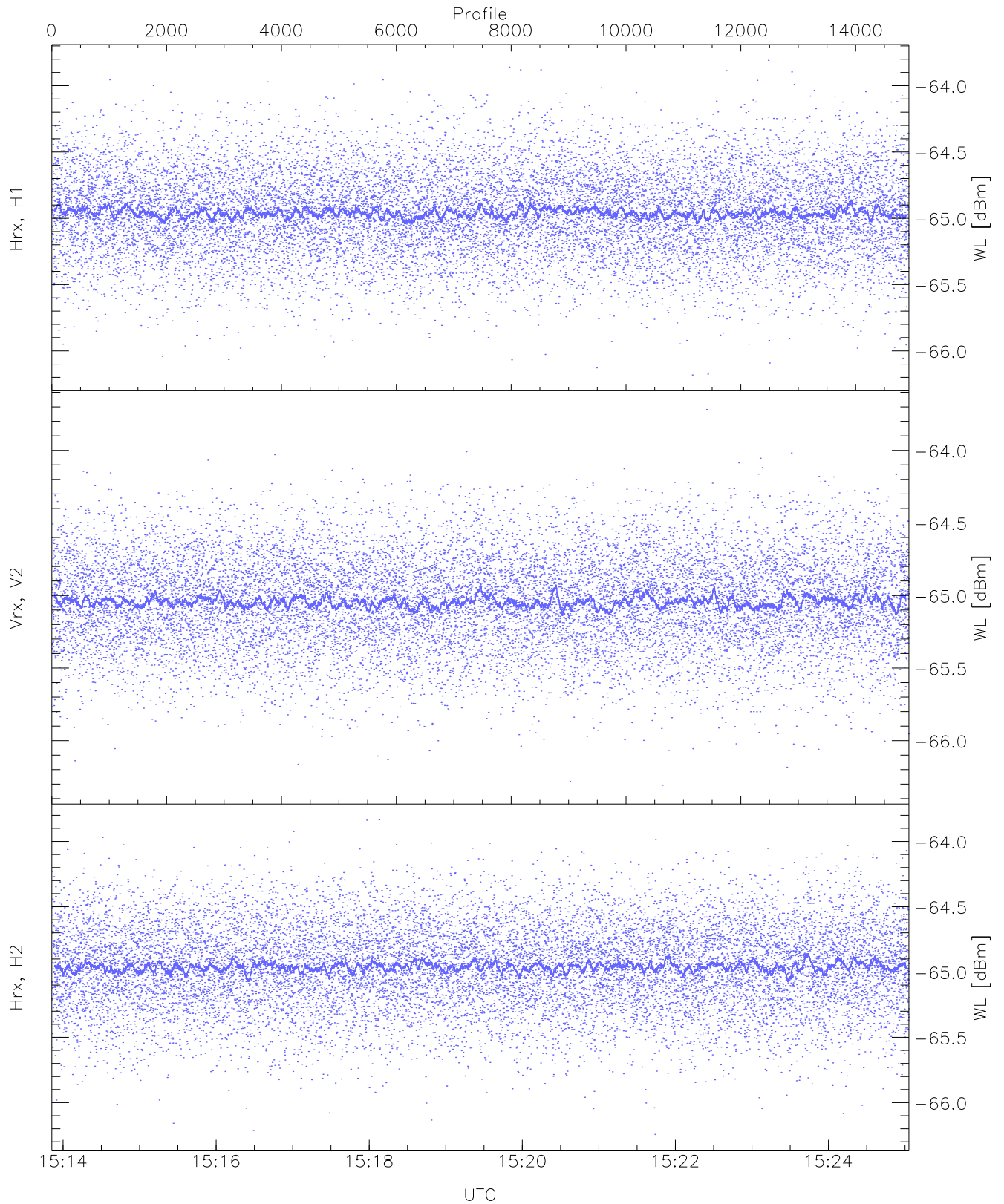
### WCR3 CPP Receivers Gain and Noise Figure

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



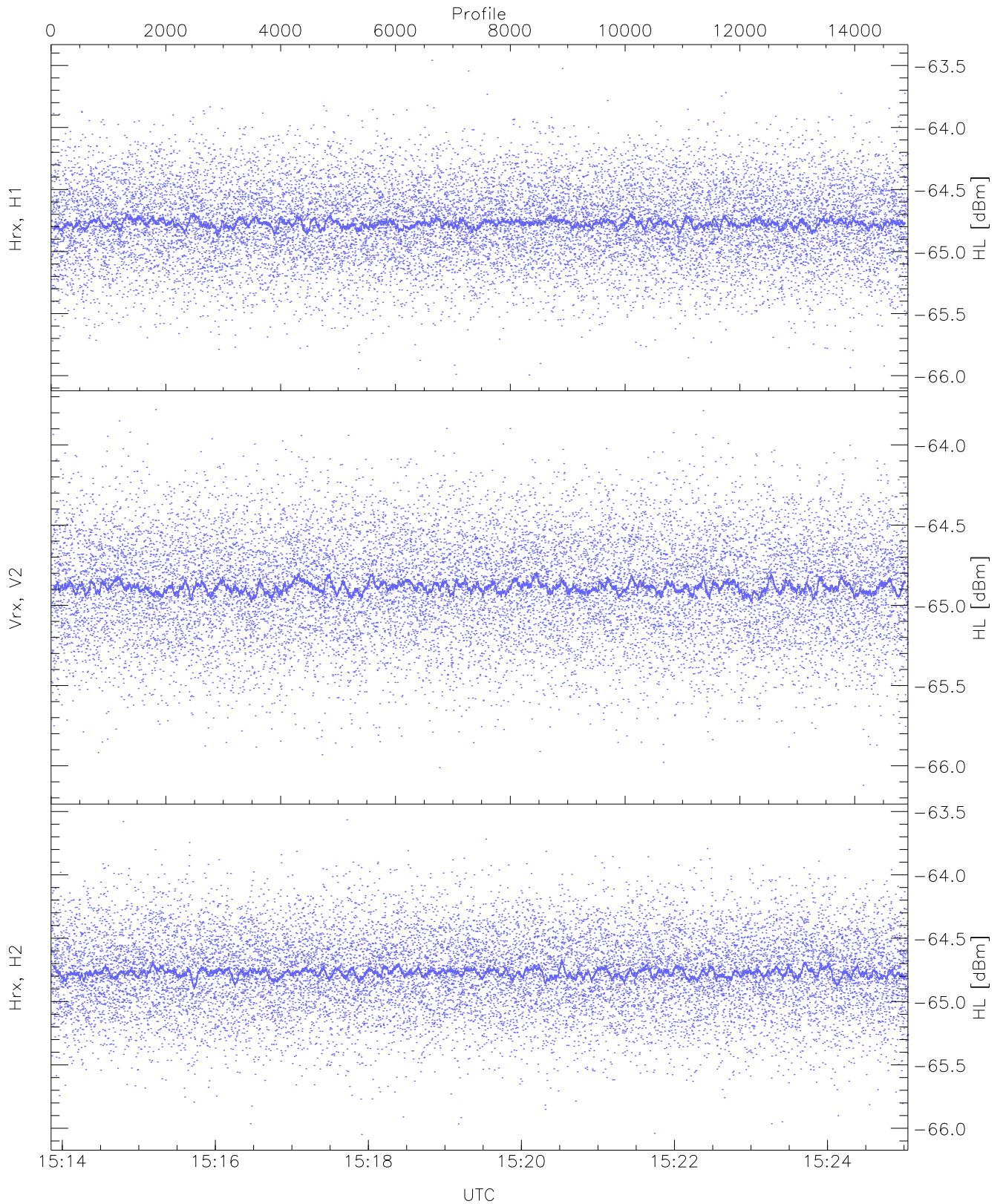
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.14	-65.38	-65.39	-84.74
RMPHrxH1(std_dBm)	-76.13	-74.68	-75.40	-75.40	-89.05
RMPVrxV2(mean_dBm)	-65.22	-64.98	-65.09	-65.09	-86.51
RMPVrxV2(std_dBm)	-75.96	-74.43	-75.11	-75.11	-88.91
RMPHrxH2(mean_dBm)	-65.11	-64.87	-64.98	-64.98	-86.38
RMPHrxH2(std_dBm)	-75.77	-74.26	-75.00	-75.00	-88.77



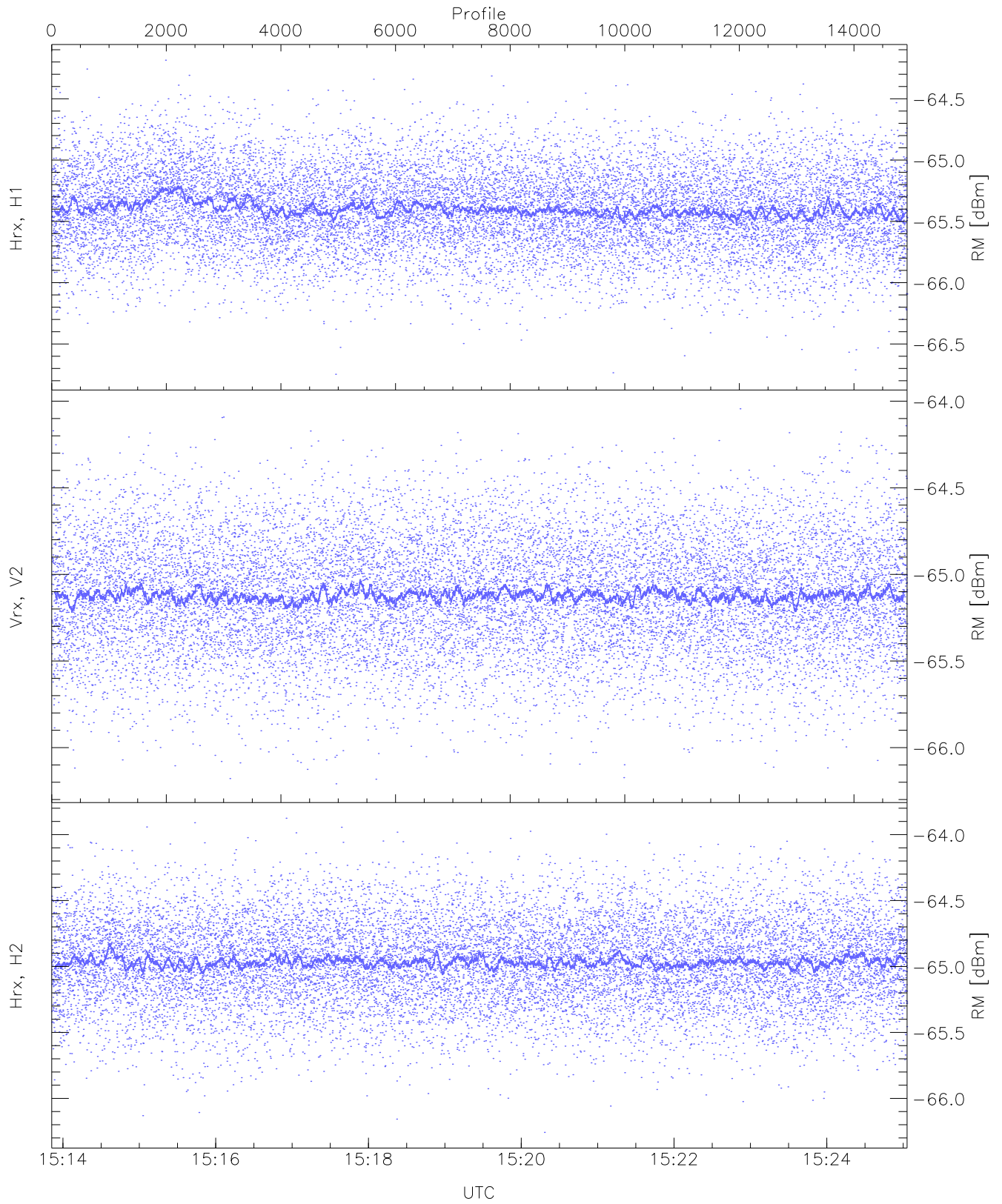
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.81	-64.95	-64.96	-76.46
Vrx, V2 (WL [dBm])	-66.31	-63.72	-65.04	-65.04	-76.59
Hrx, H2 (WL [dBm])	-66.24	-63.83	-64.95	-64.96	-76.43



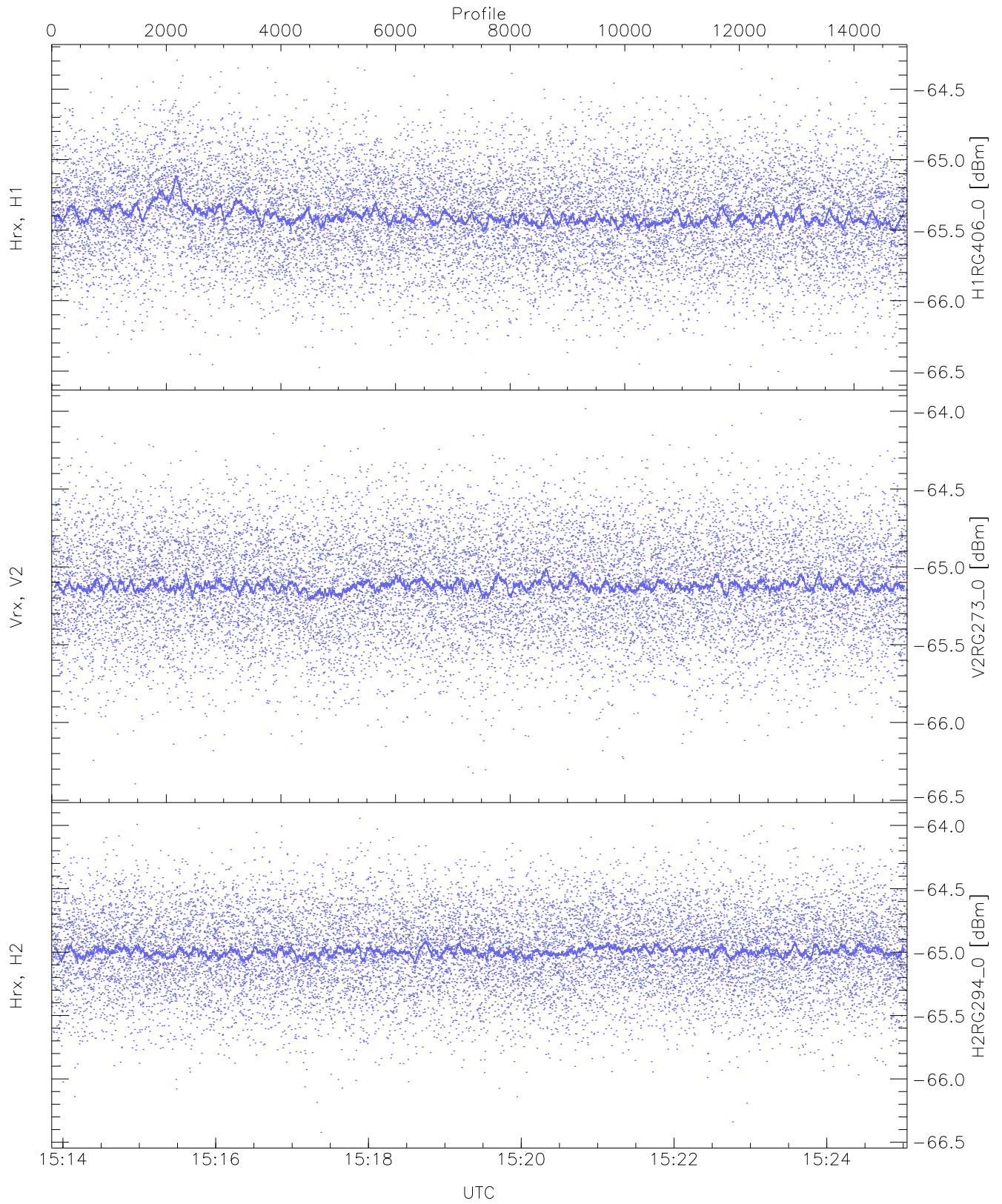
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.99	-63.46	-64.76	-64.77	-76.22
Vrx, V2 (HL [dBm])	-66.12	-63.78	-64.88	-64.89	-76.41
Hrx, H2 (HL [dBm])	-66.05	-63.57	-64.77	-64.77	-76.28



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

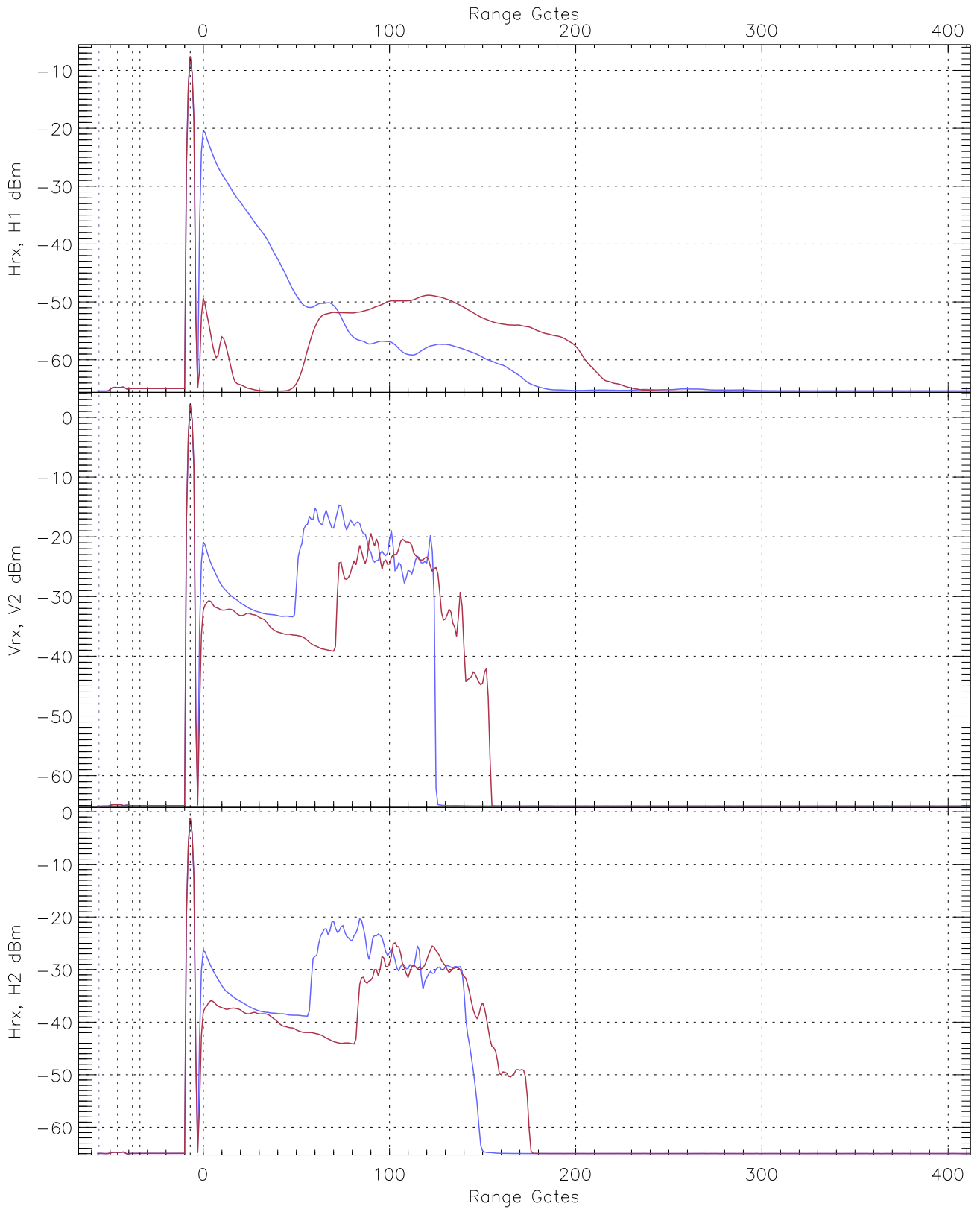
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.75	-64.19	-65.39	-65.40	-76.82
Vrx, V2 (RM [dBm])	-66.21	-64.04	-65.11	-65.12	-76.61
Hrx, H2 (RM [dBm])	-66.26	-63.88	-64.96	-64.97	-76.48



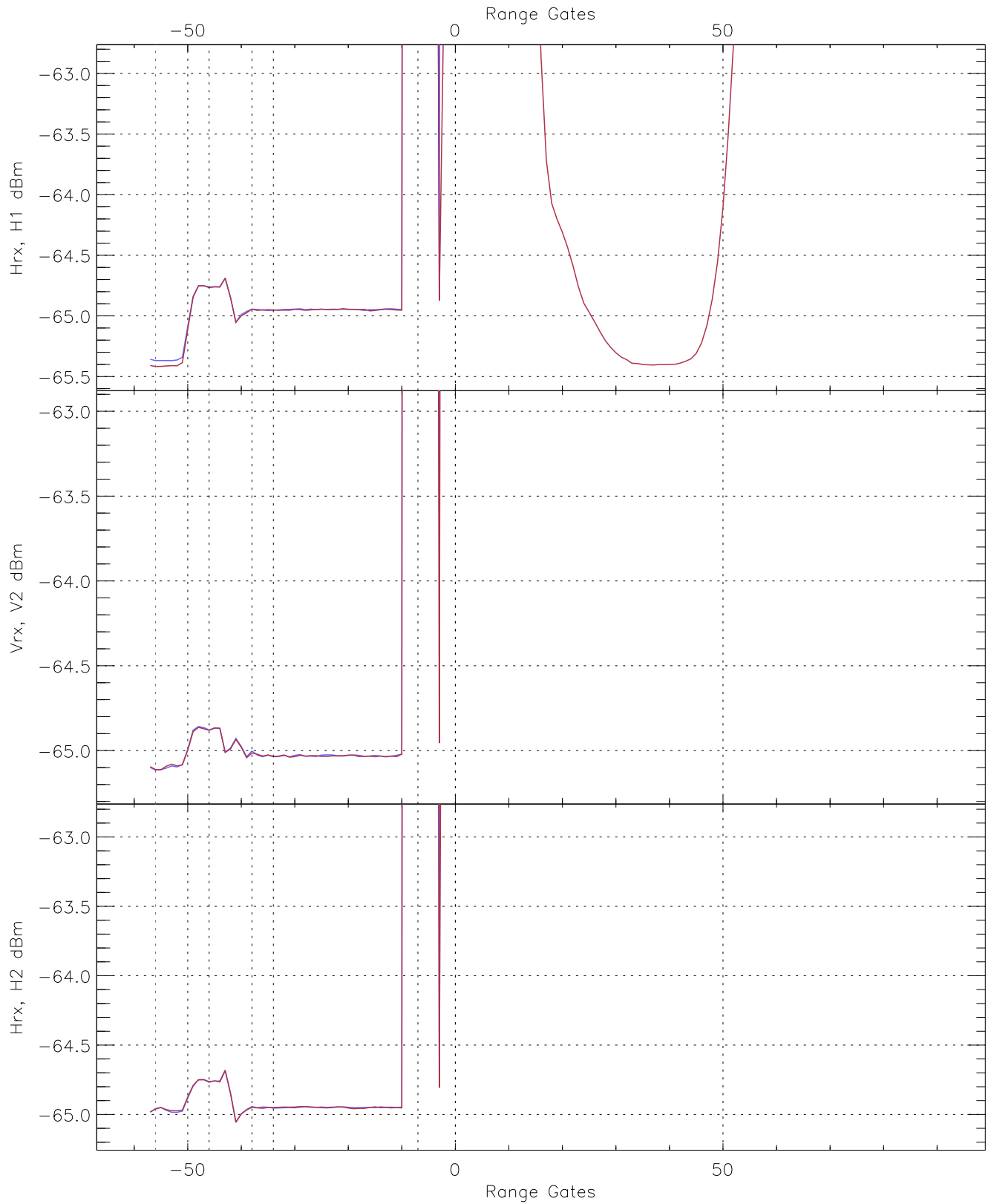
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG406_0 [dBm]	-66.52	-64.29	-65.39	-65.40	-76.84
V2RG273_0 [dBm]	-66.39	-63.98	-65.11	-65.12	-76.62
H2RG294_0 [dBm]	-66.42	-63.94	-64.99	-64.99	-76.48

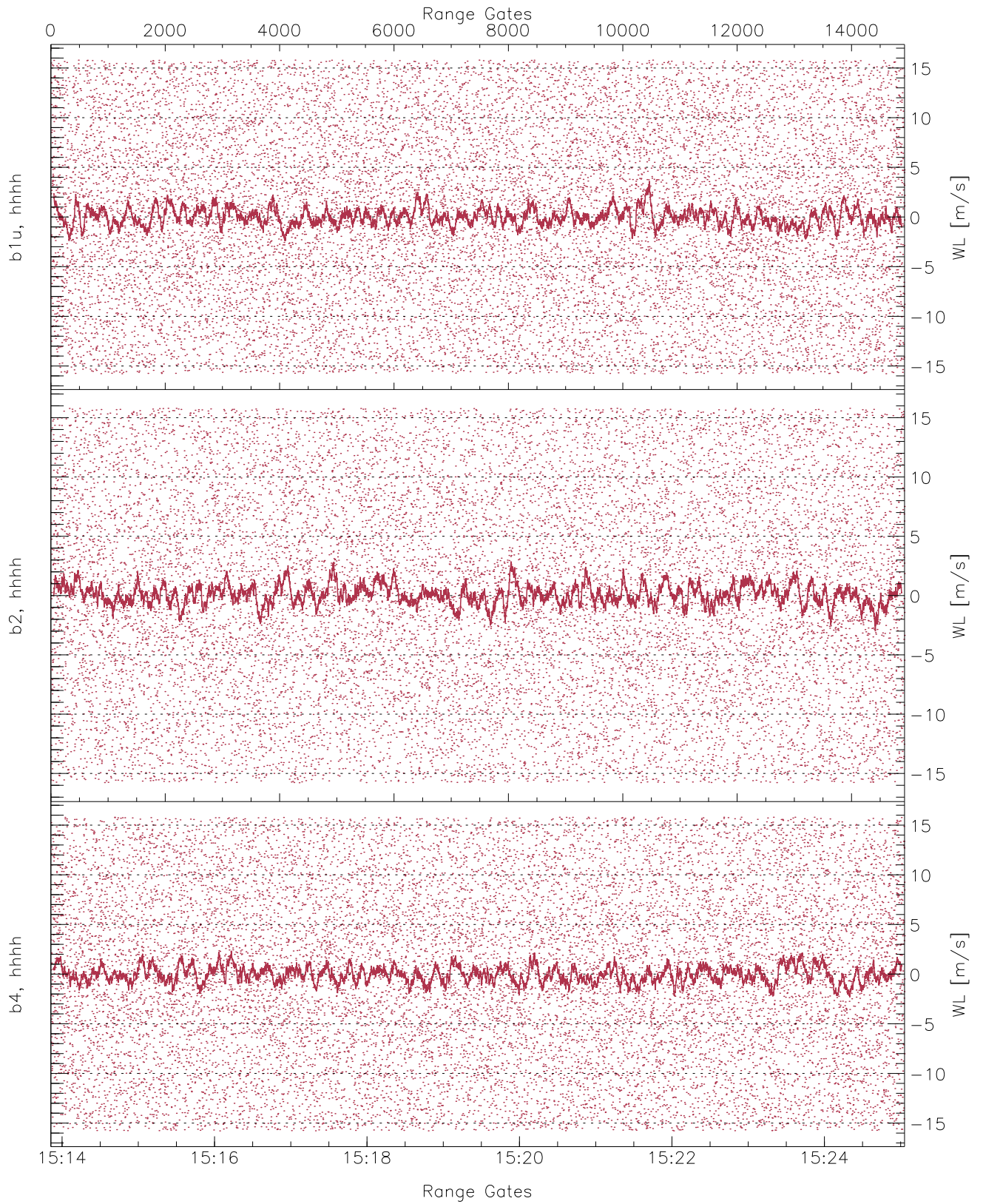




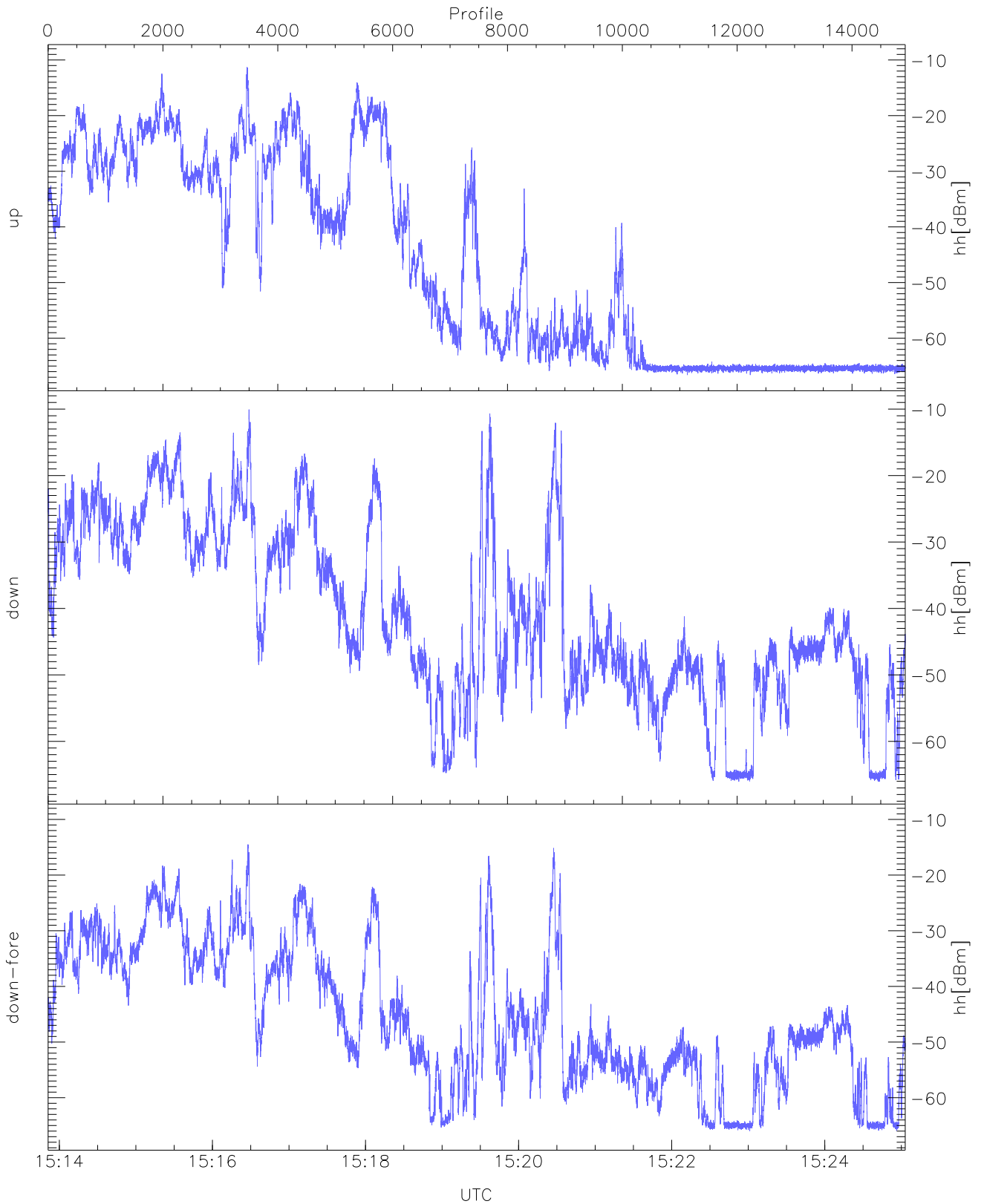
WCR3 CPP Averaged Received power for all recorded gates  
blue: 151351-151927, 7465 profiles averaged  
red: 151927-152503, 7464 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 151351-151927, 7465 profiles averaged  
red: 151927-152503, 7464 profiles averaged

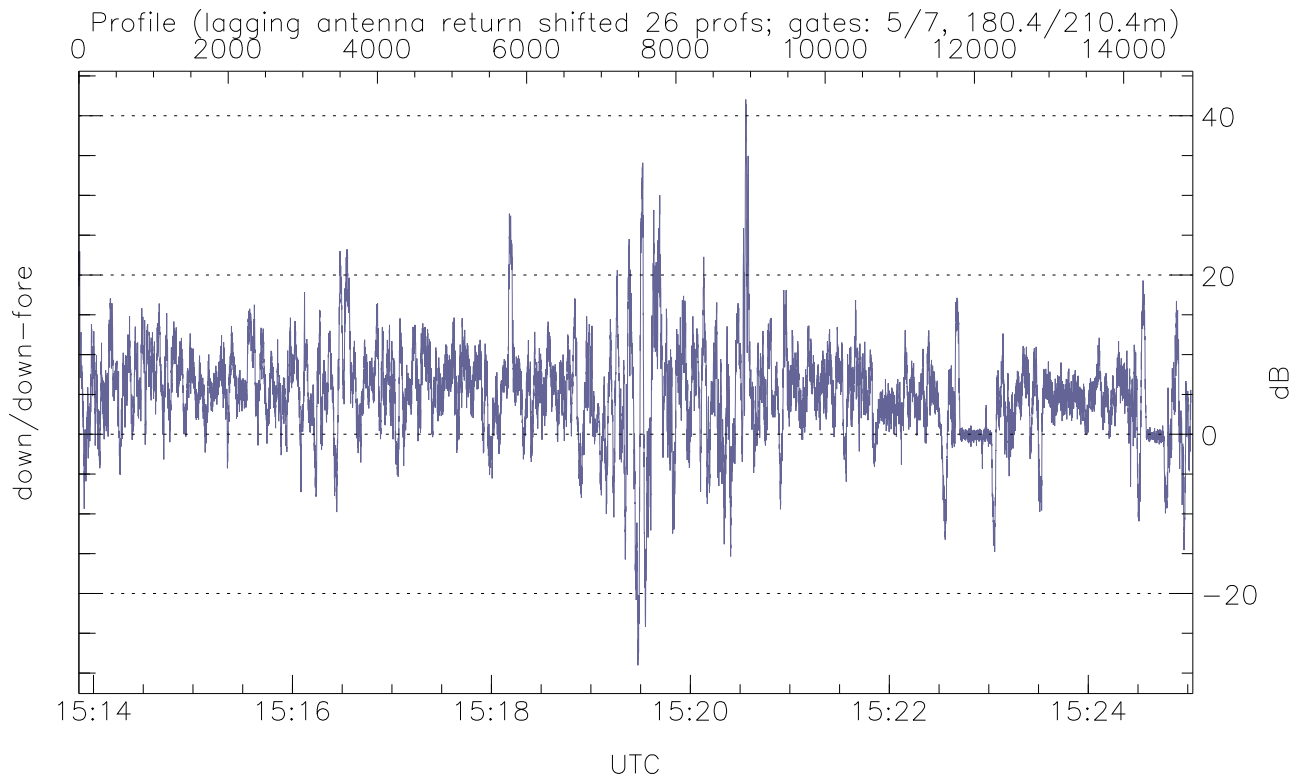
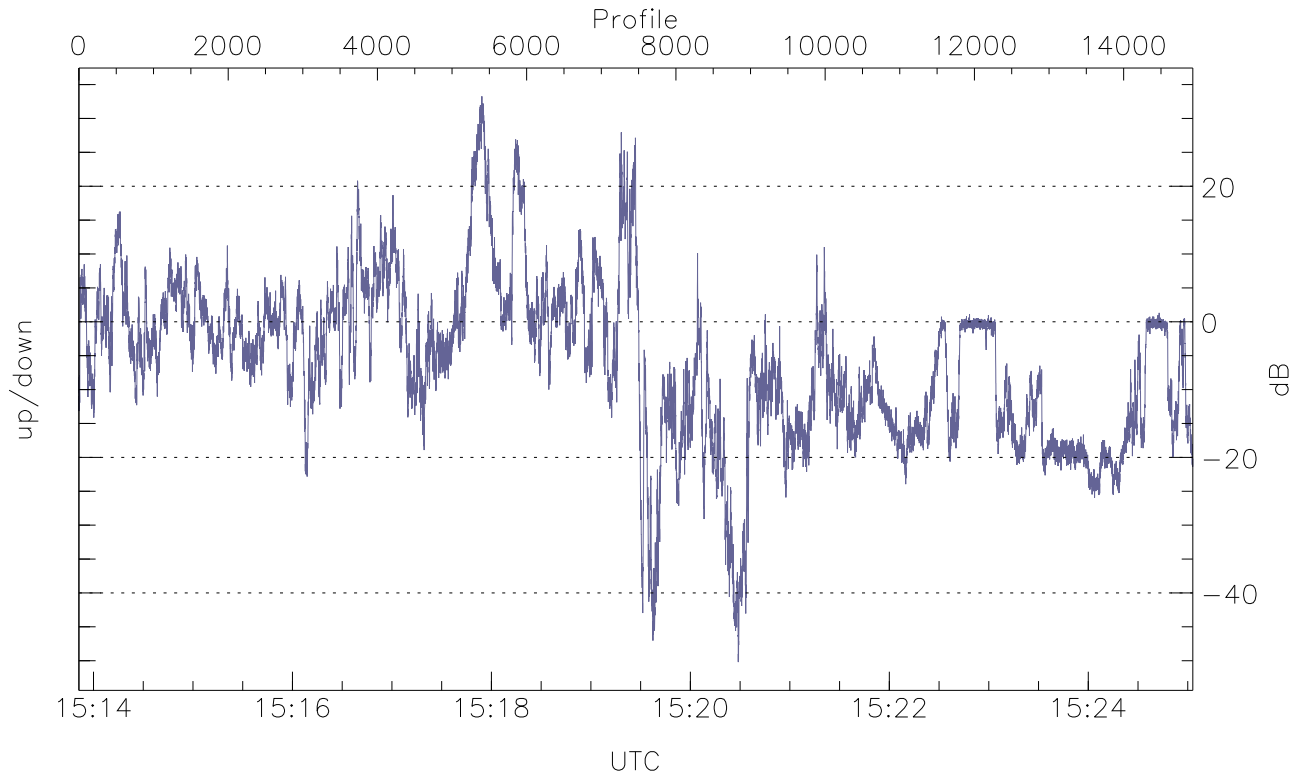


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



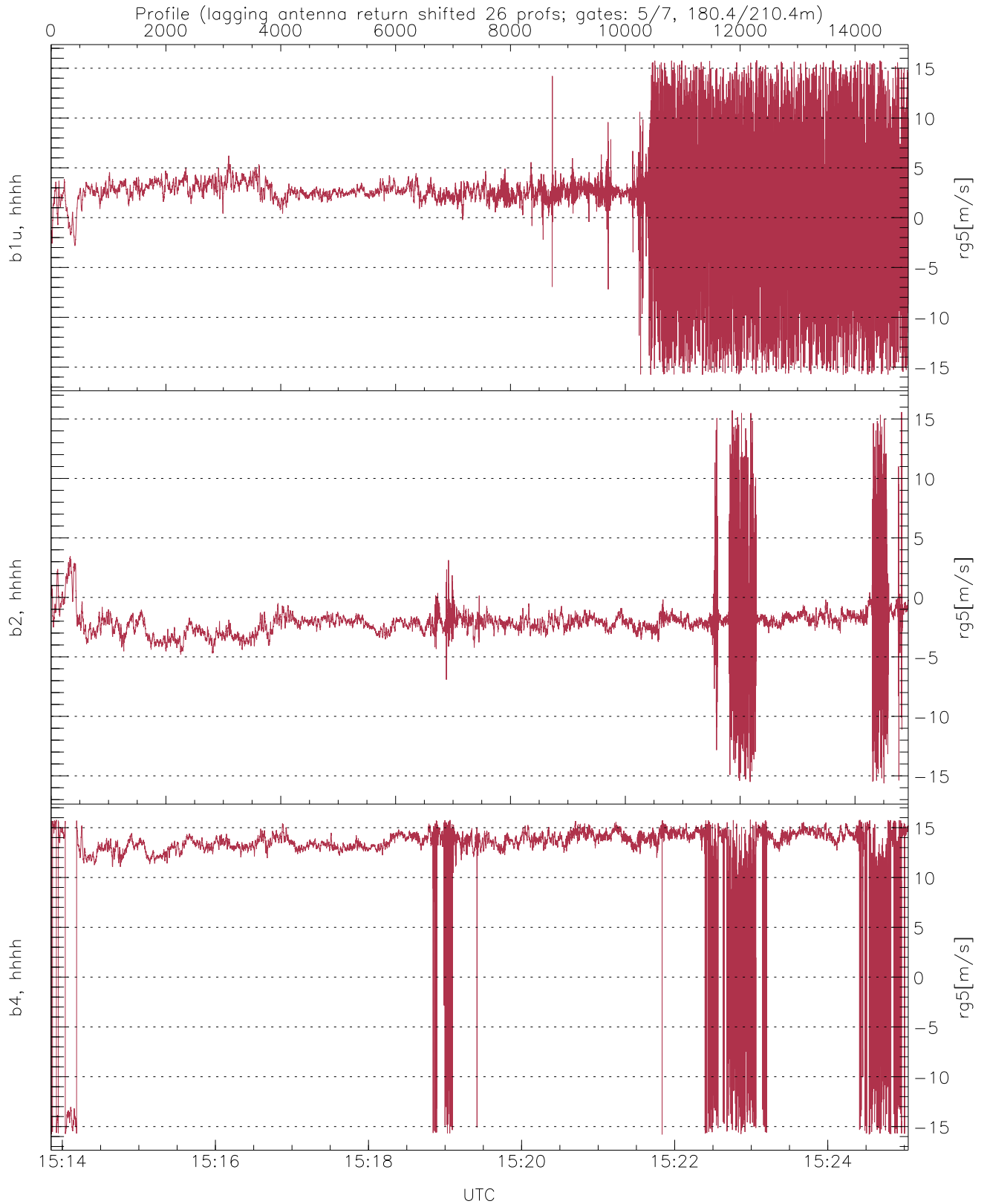
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.61	-11.32	-27.45
down(hh[dBm])	-66.05	-10.06	-27.17
down-fore(hh[dBm])	-65.97	-14.50	-32.05



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

	Min	Max	Mean
up/down (dB)	-50.20	33.27	-6.05
down/down-fore (dB)	-29.02	42.04	5.08



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.84	4.97
b2, hhhh(rg5[m/s])	-15.63	15.72	-2.05	2.05
b4, hhhh(rg5[m/s])	-15.79	15.79	12.04	5.96