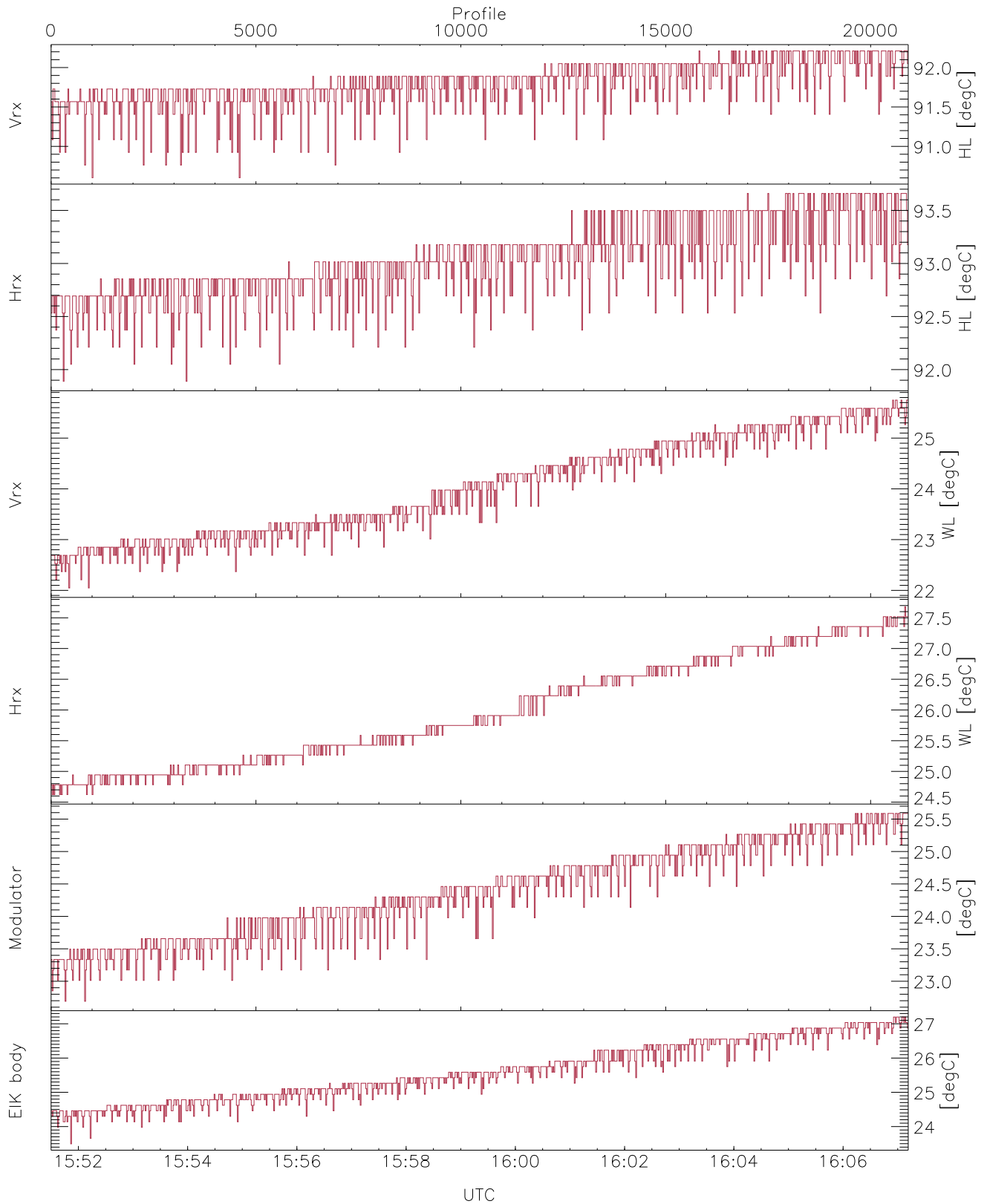


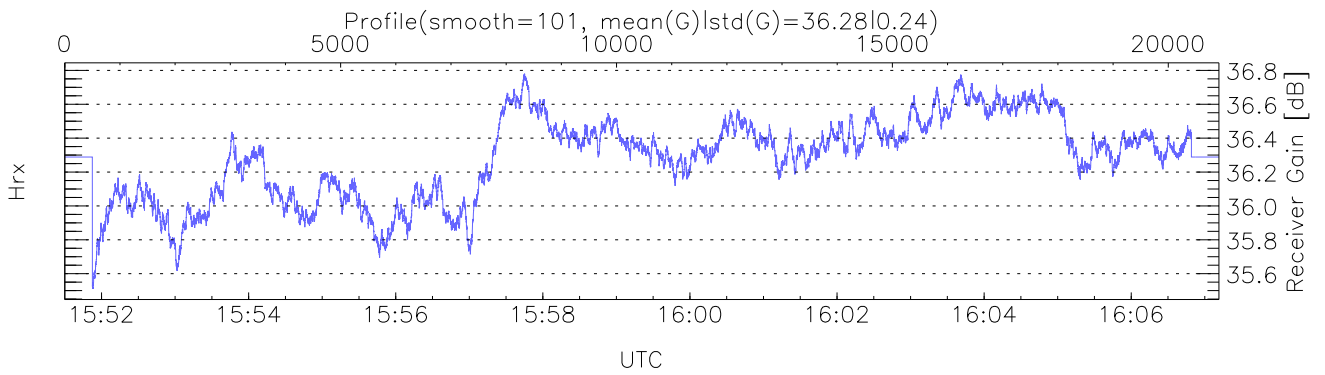
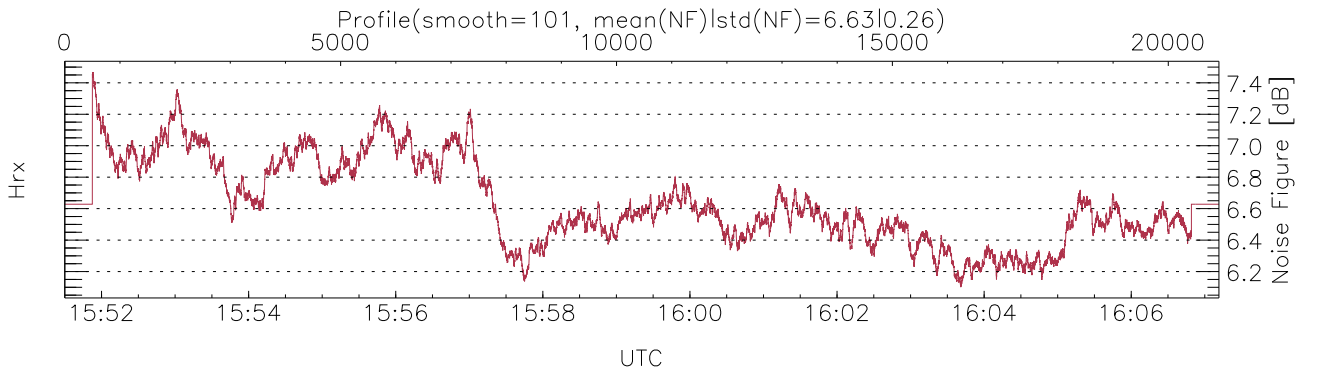
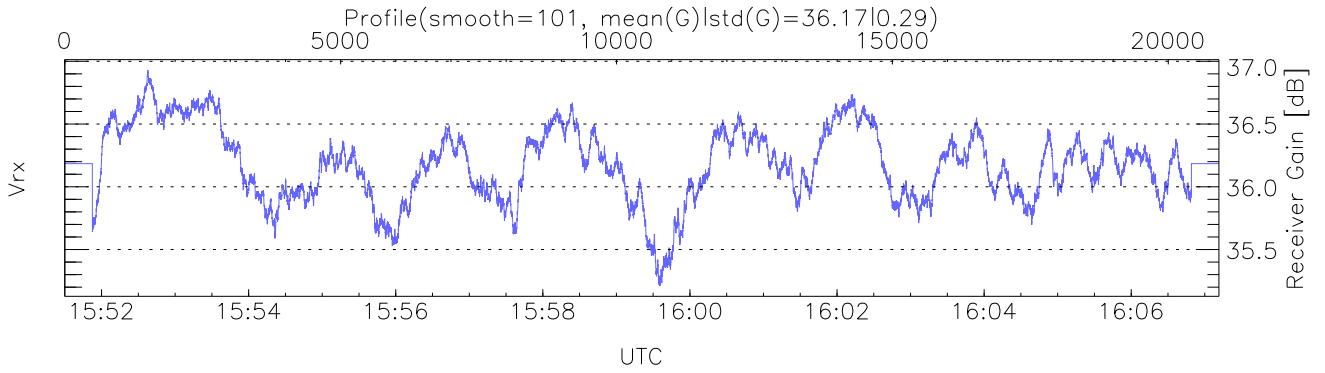
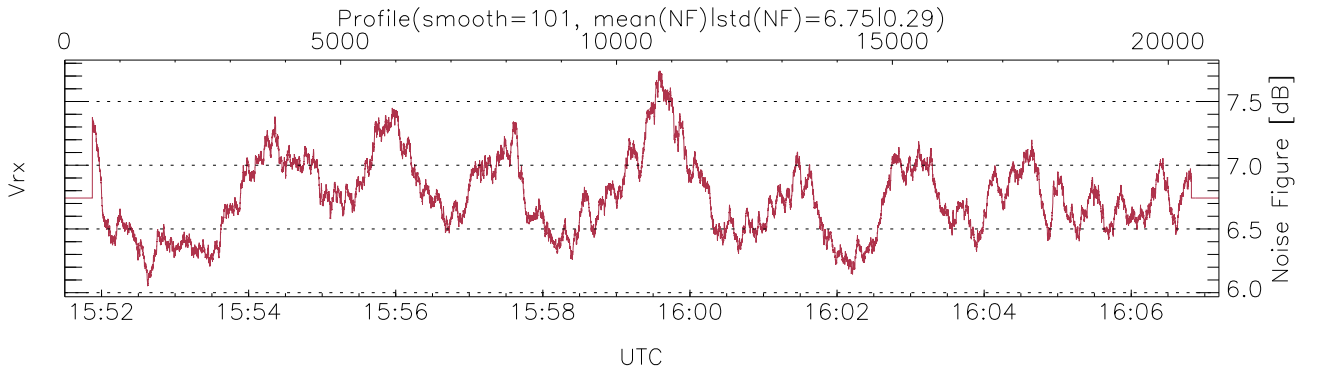
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:51:30-16:07:12, TimeCor: 0.00s, Dur: 941.59s  
 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): 20920/20920, 0-20919/15:51:30-16:07:12  
 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



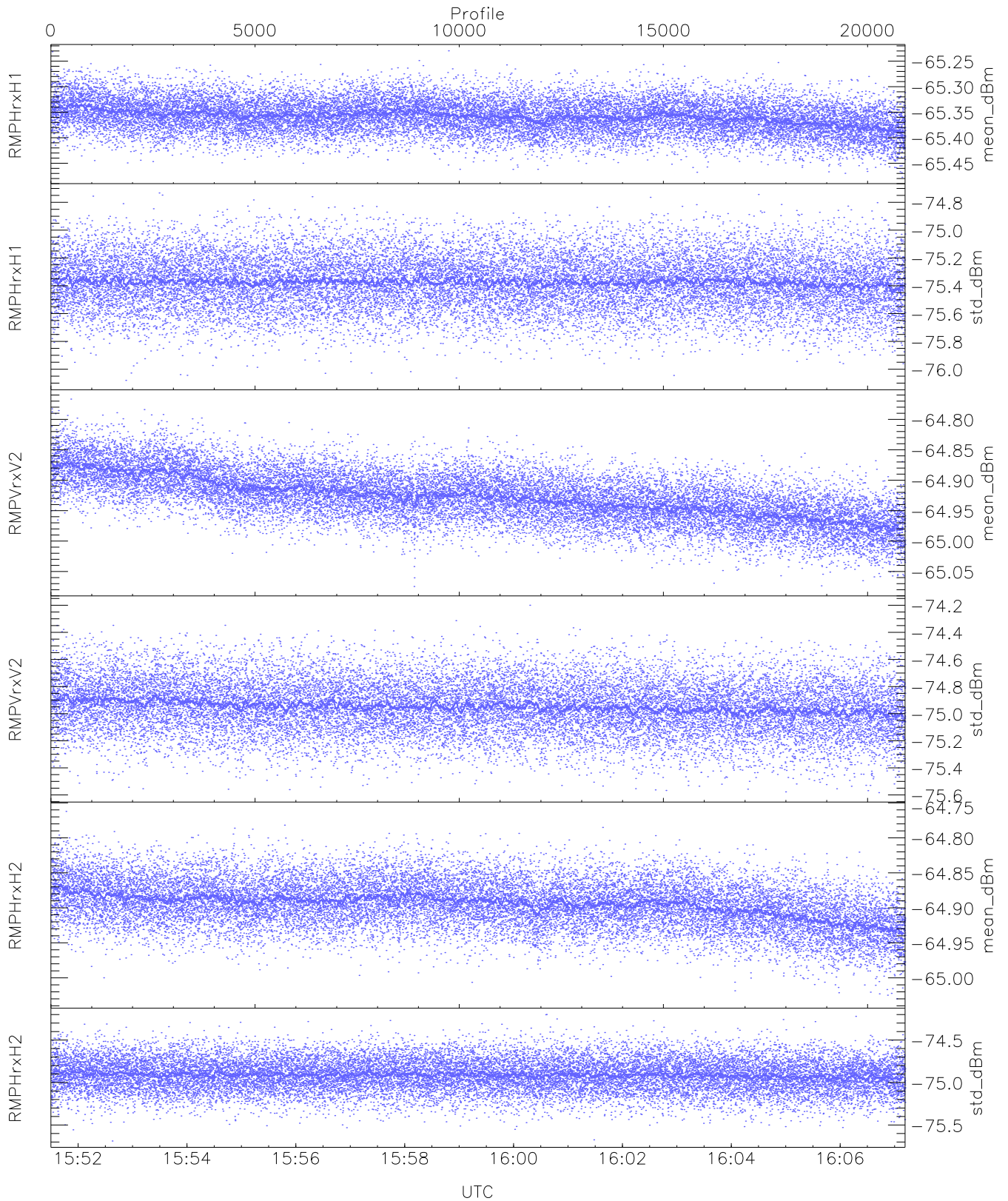
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,22,23`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,25,27`  
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`  
`EIK/Modulator Faults: None`



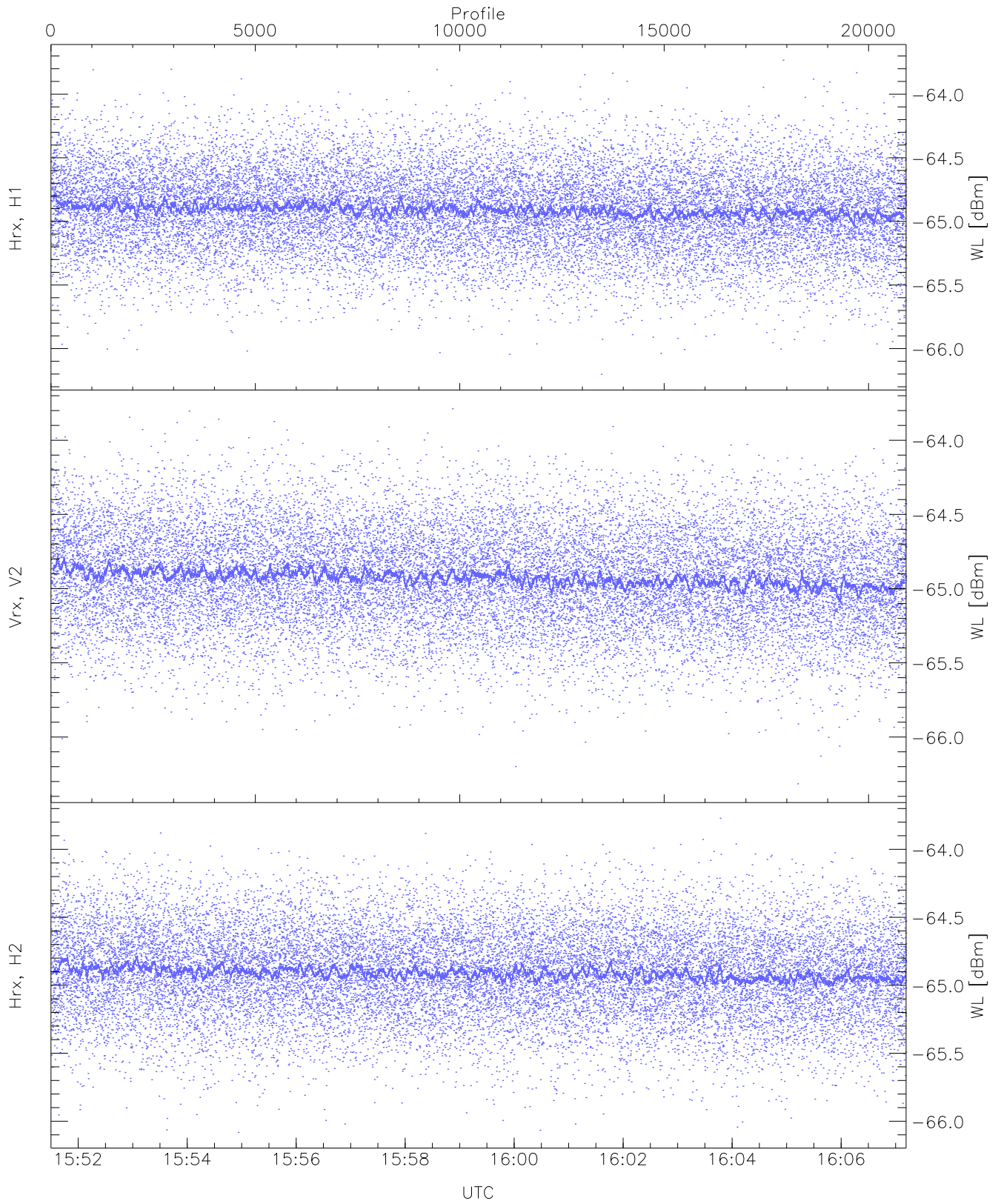
### WCR3 CPP Receivers Gain and Noise Figure

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



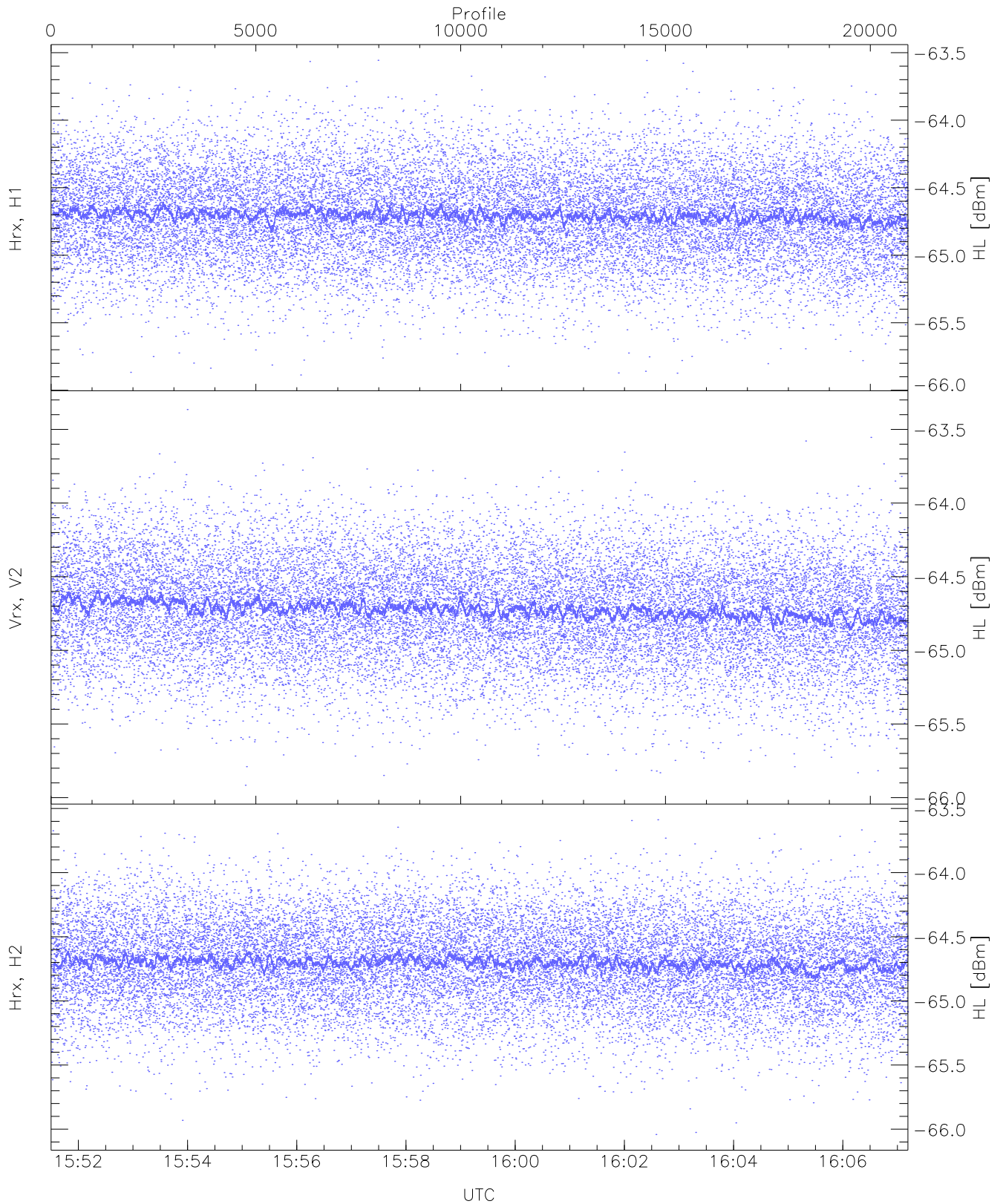
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.23	-65.36	-65.36	-86.76
RMPHrxH1(std_dBm)	-76.08	-74.73	-75.37	-75.37	-89.12
RMPVrxV2(mean_dBm)	-65.07	-64.77	-64.93	-64.93	-85.19
RMPVrxV2(std_dBm)	-75.58	-74.20	-74.95	-74.95	-88.68
RMPHrxH2(mean_dBm)	-65.03	-64.76	-64.90	-64.89	-86.11
RMPHrxH2(std_dBm)	-75.69	-74.20	-74.91	-74.91	-88.67



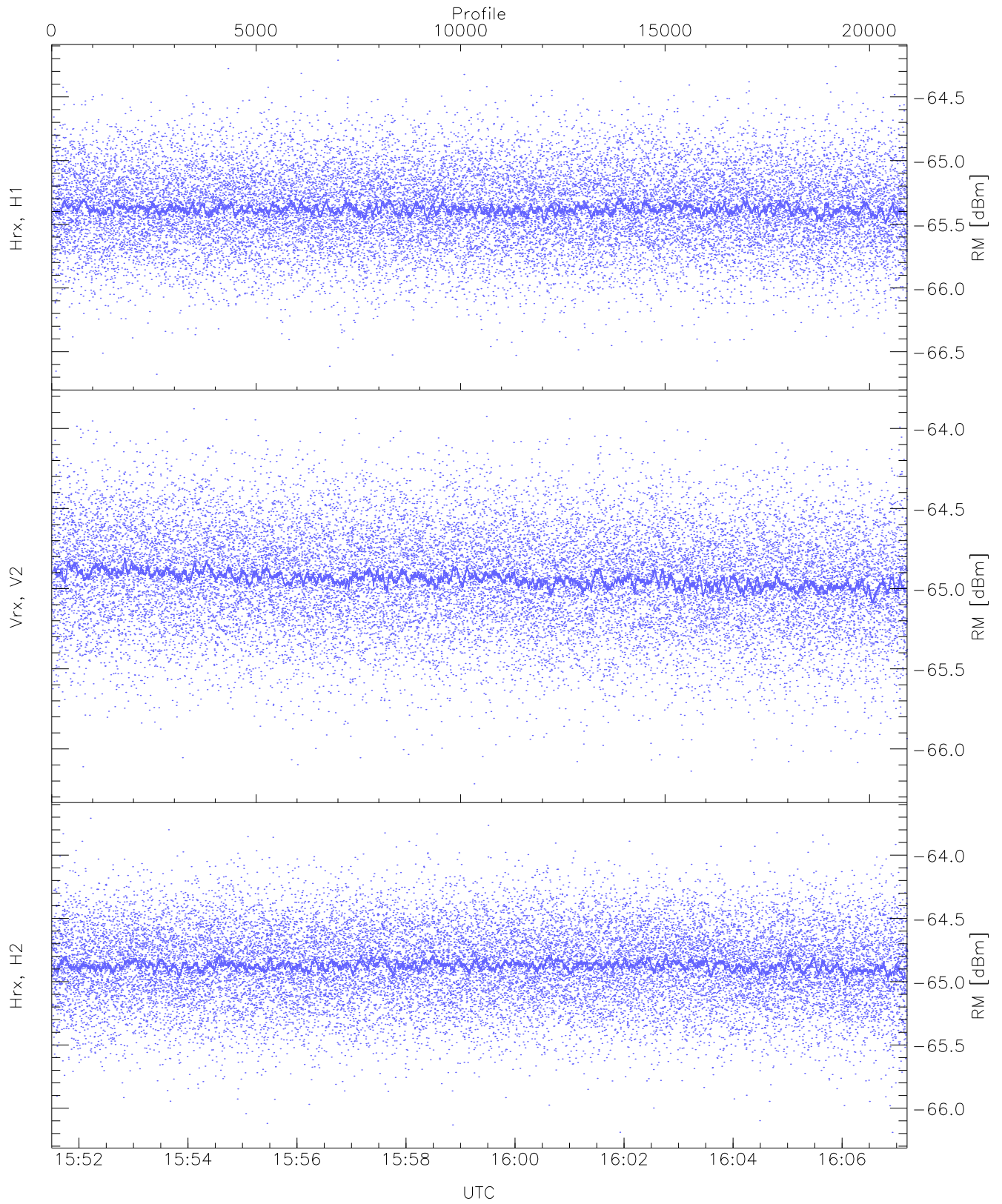
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.73	-64.90	-64.91	-76.42
Vrx, V2 (WL [dBm])	-66.32	-63.79	-64.92	-64.93	-76.36
Hrx, H2 (WL [dBm])	-66.08	-63.77	-64.90	-64.91	-76.42



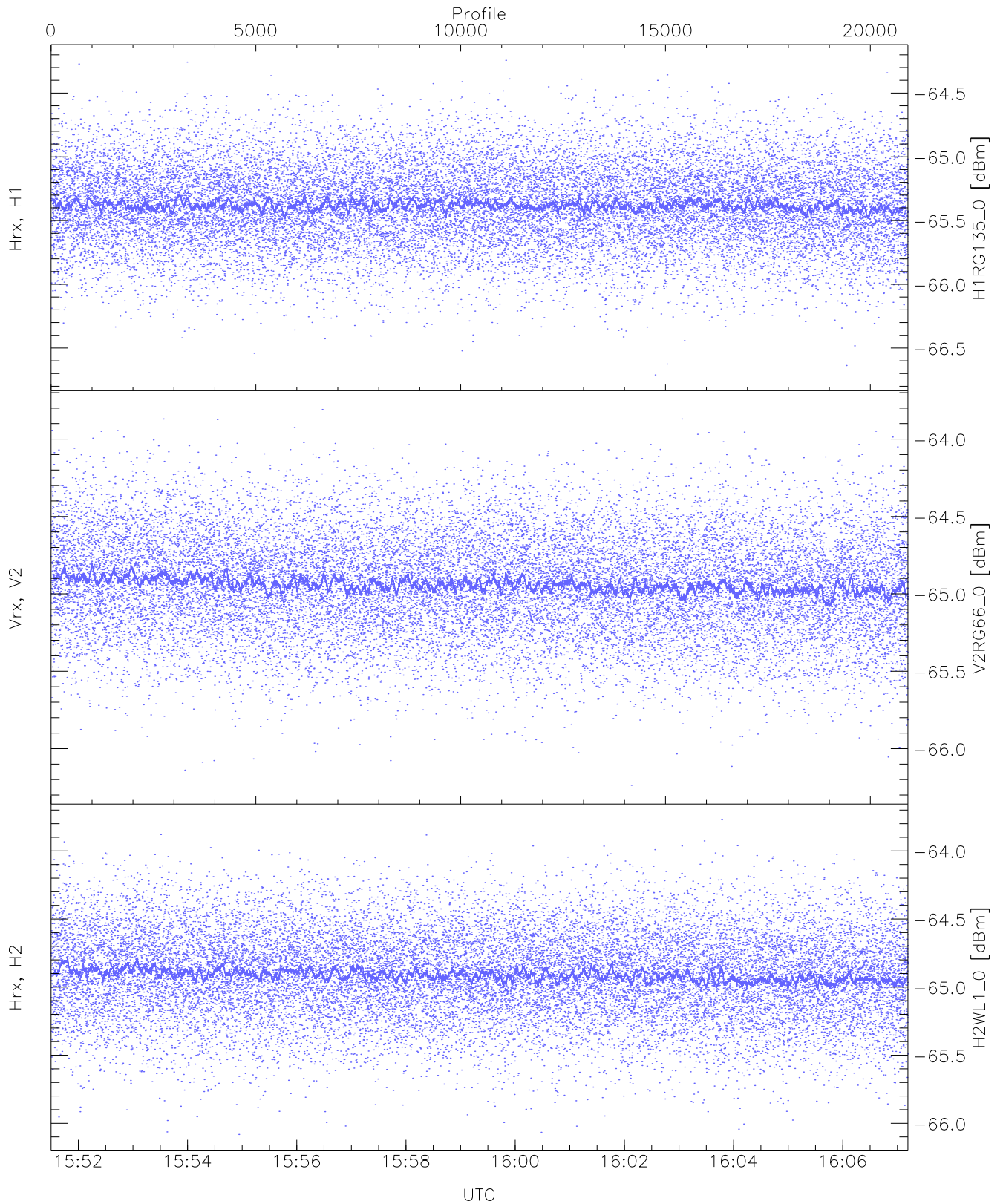
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.89	-63.56	-64.70	-64.71	-76.19
Vrx, V2 (HL [dBm])	-65.92	-63.37	-64.72	-64.72	-76.19
Hrx, H2 (HL [dBm])	-66.04	-63.59	-64.70	-64.70	-76.19



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

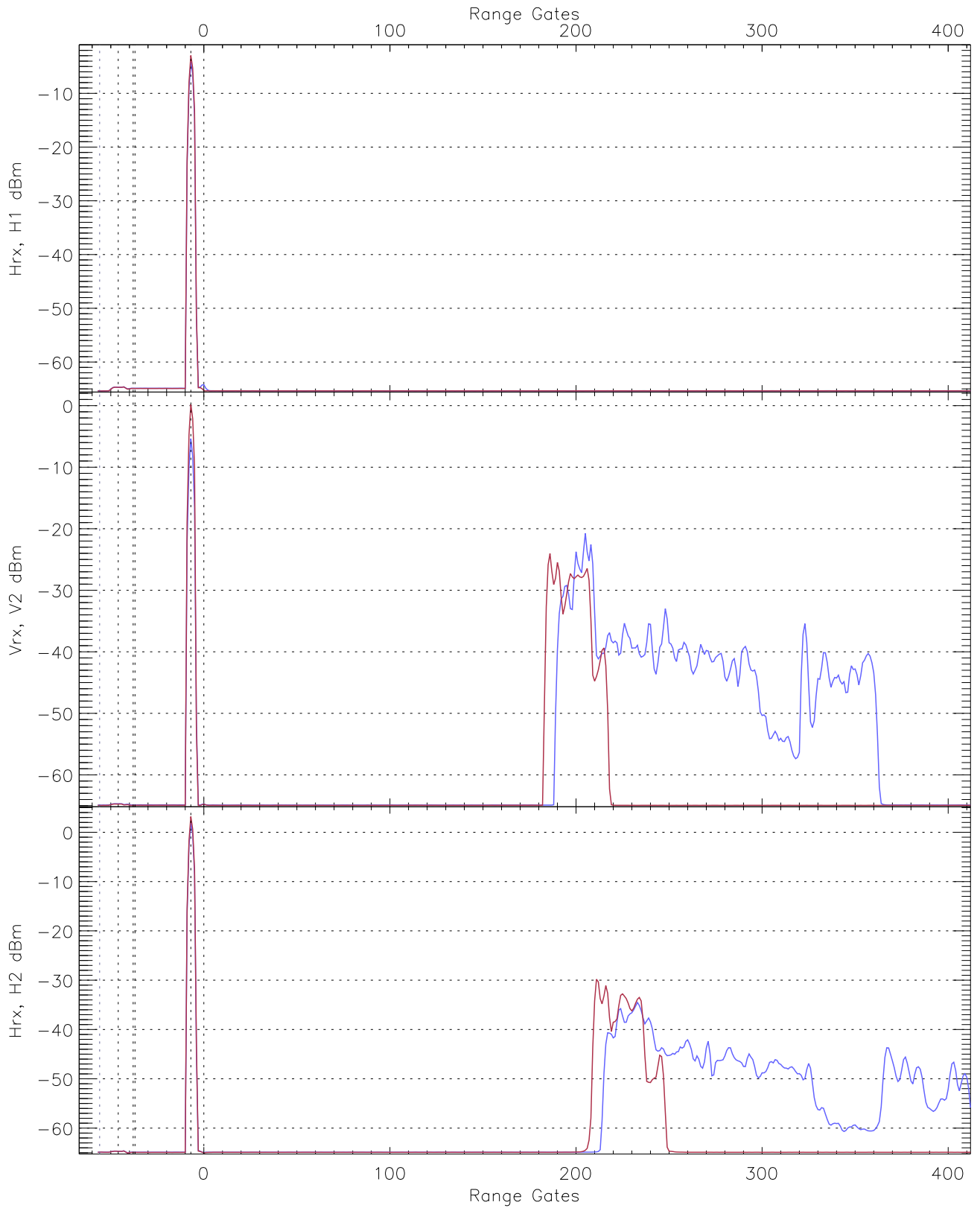
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.68	-64.21	-65.37	-65.38	-76.90
Vrx, V2 (RM [dBm])	-66.22	-63.88	-64.93	-64.94	-76.42
Hrx, H2 (RM [dBm])	-66.19	-63.71	-64.87	-64.87	-76.38



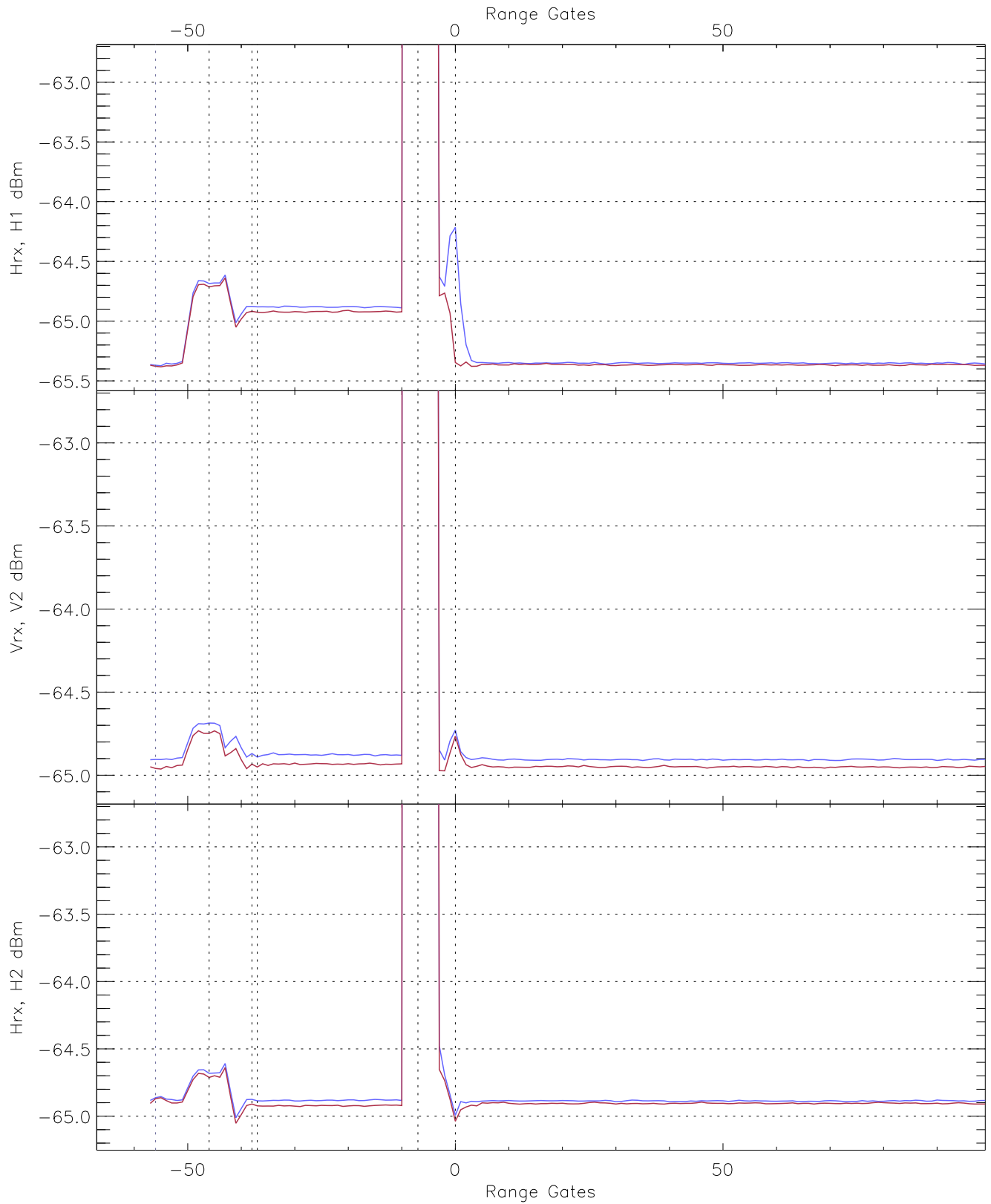
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG135_0 [dBm]	-66.71	-64.24	-65.37	-65.38	-76.89
V2RG66_0 [dBm]	-66.24	-63.81	-64.93	-64.94	-76.42
H2WL1_0 [dBm]	-66.08	-63.77	-64.90	-64.91	-76.42

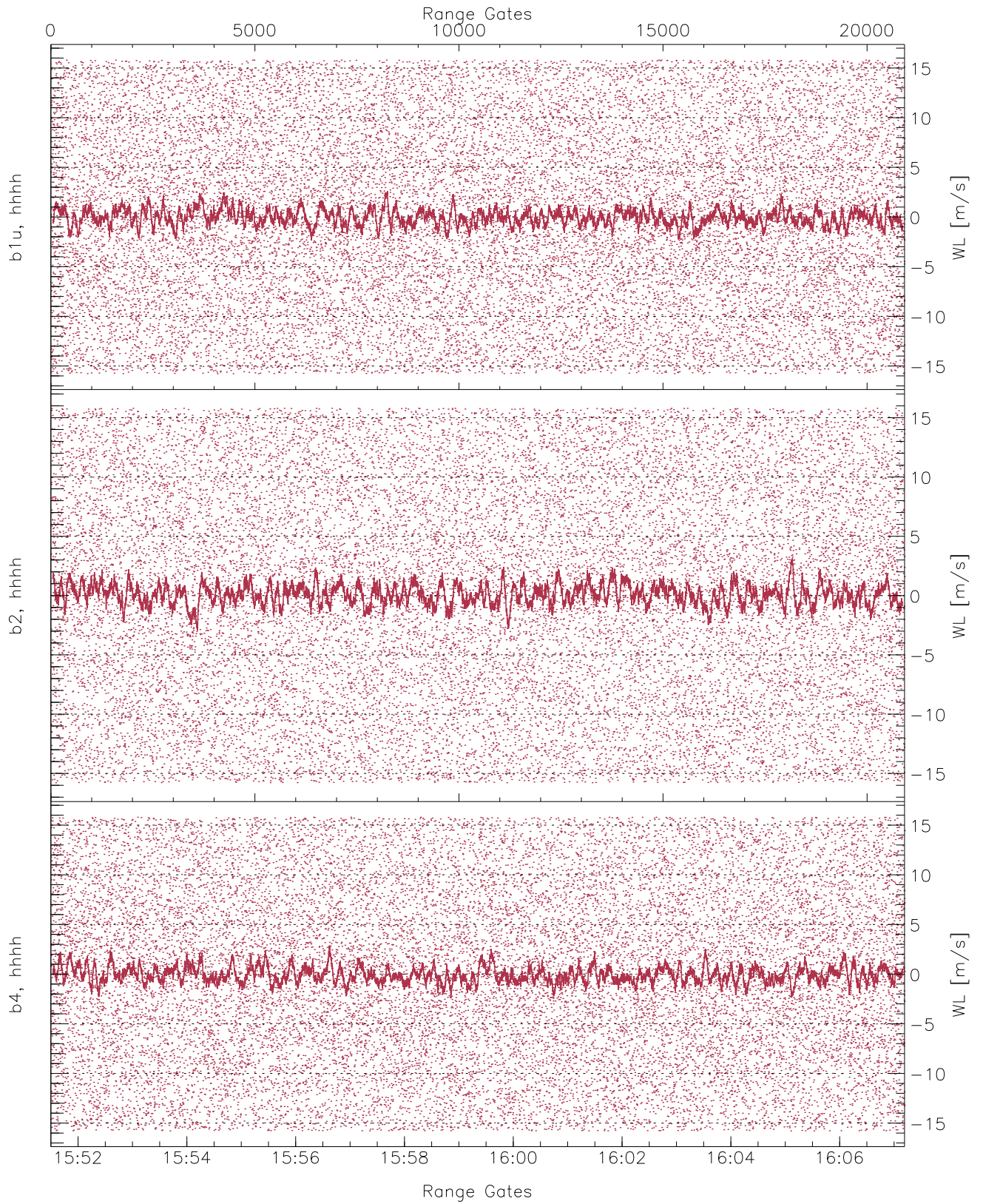




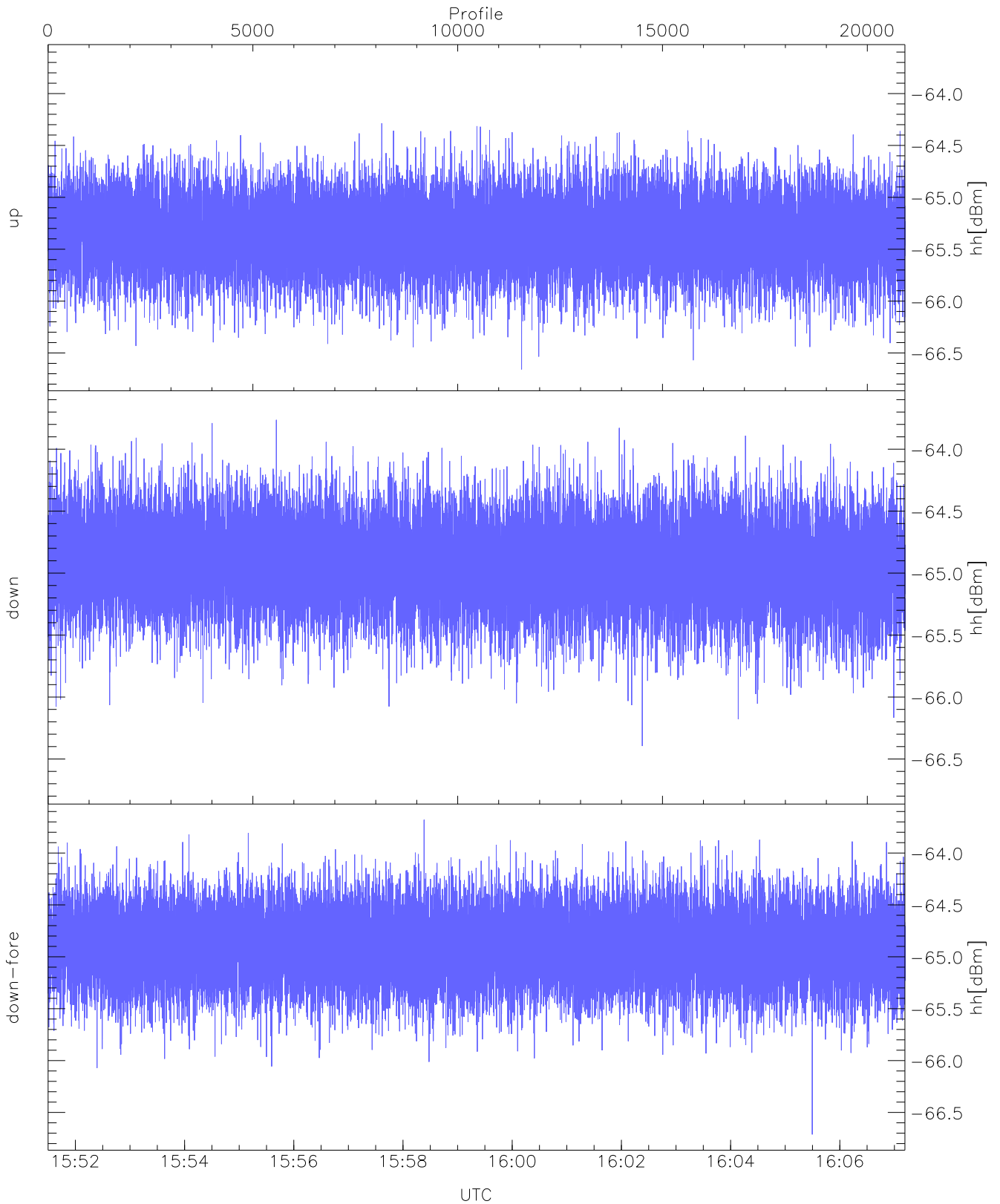
WCR3 CPP Averaged Received power for all recorded gates  
blue: 155130-155921, 10461 profiles averaged  
red: 155921-160712, 10460 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 155130-155921, 10461 profiles averaged  
red: 155921-160712, 10460 profiles averaged

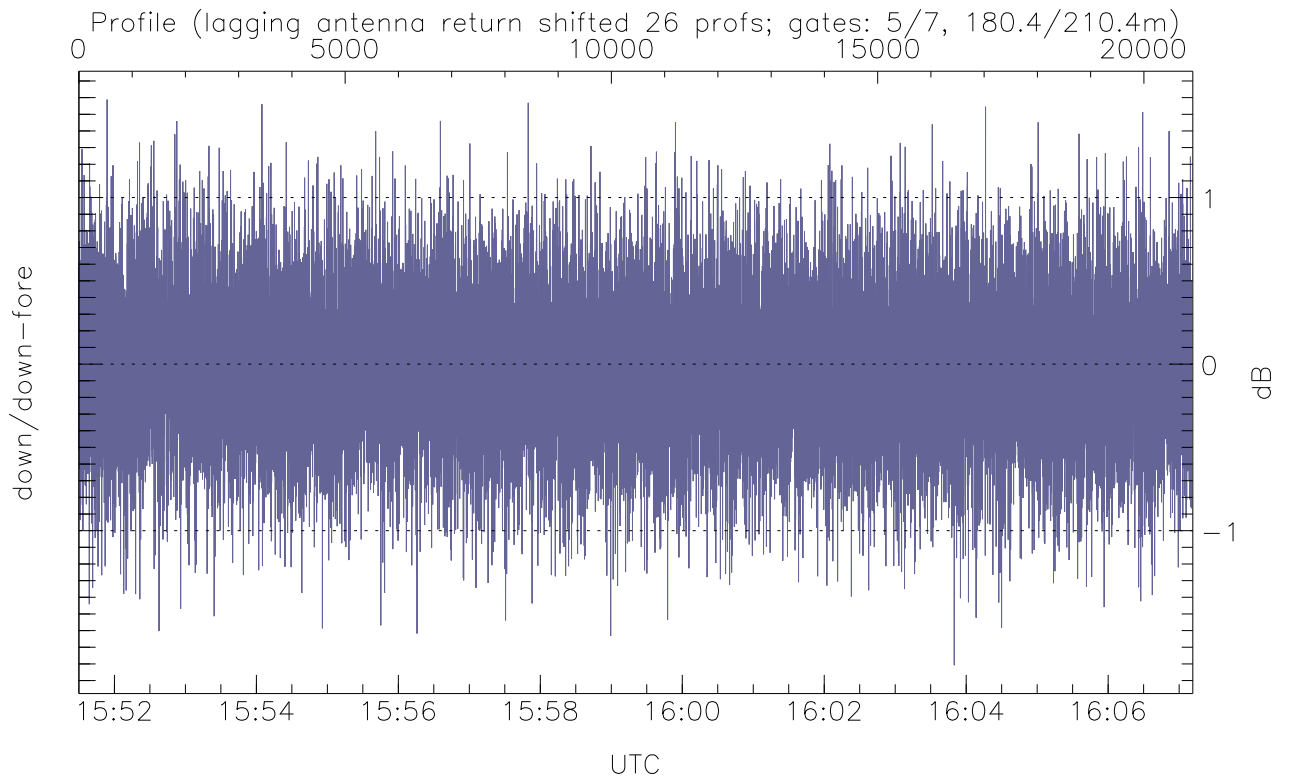
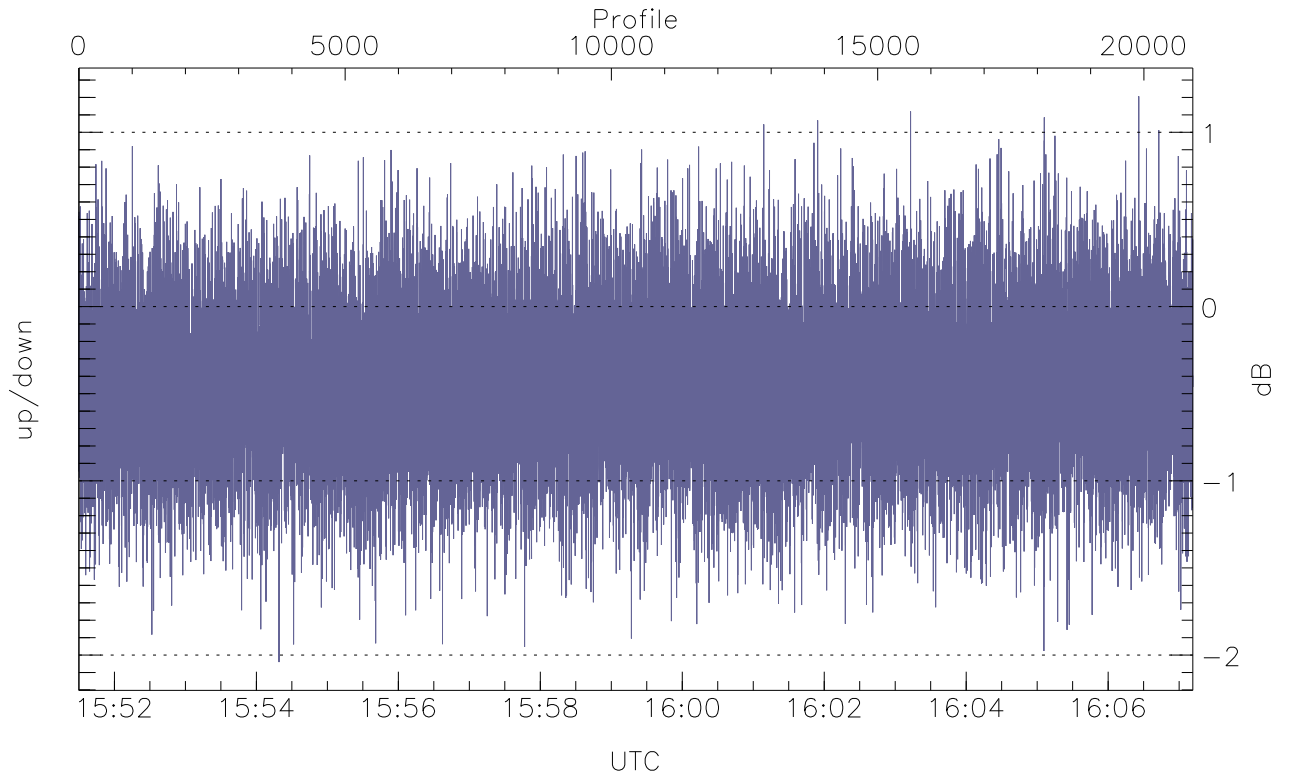


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



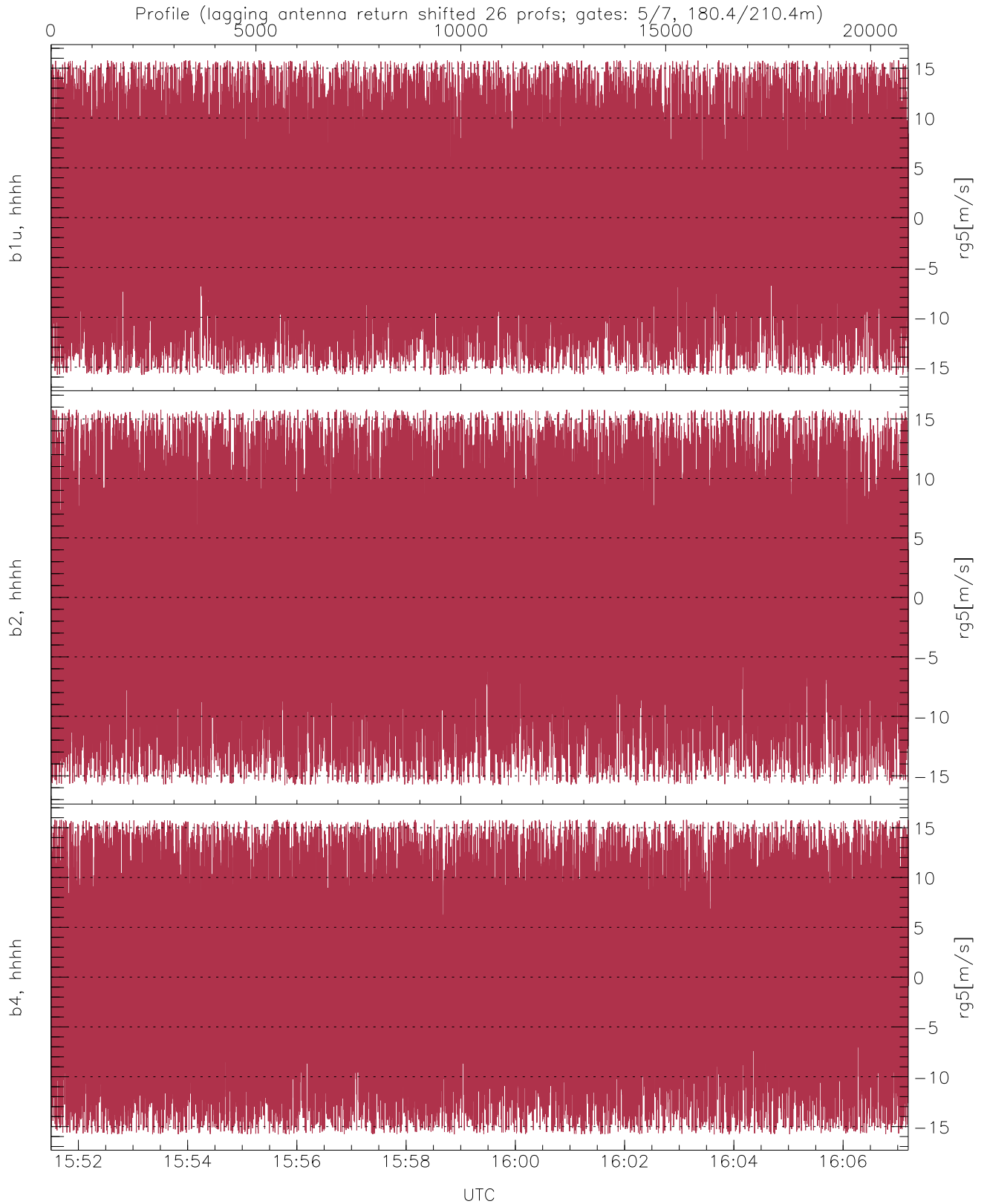
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.66	-64.29	-65.35
down(hh[dBm])	-66.40	-63.76	-64.92
down-fore(hh[dBm])	-66.71	-63.68	-64.89



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

	Min	Max	Mean
up/down (dB)	-2.04	1.21	-0.44
down/down-fore (dB)	-1.81	1.59	-0.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.01	8.40
b2, hhhh(rg5[m/s])	-15.78	15.79	0.03	8.46
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.01	8.53