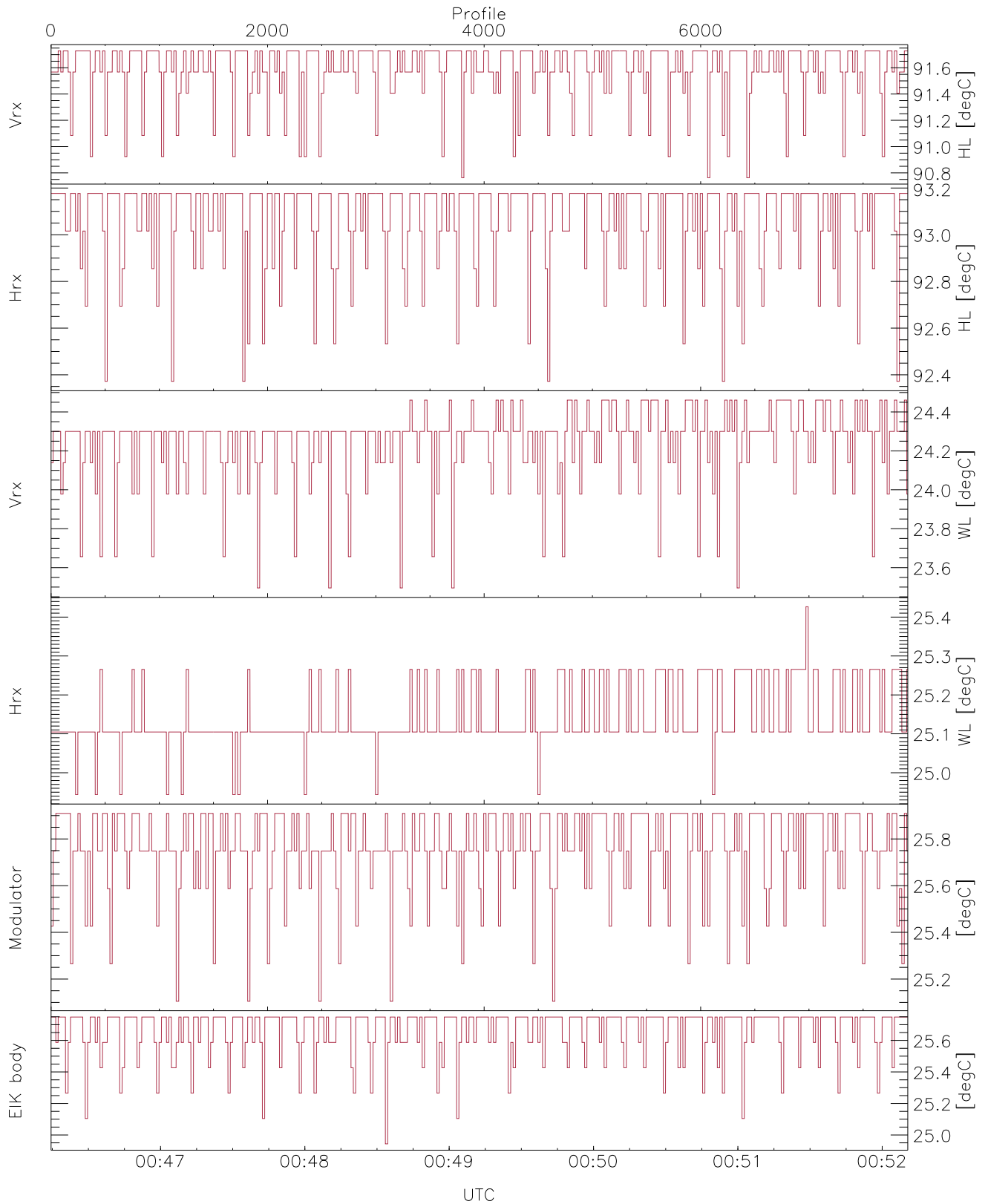


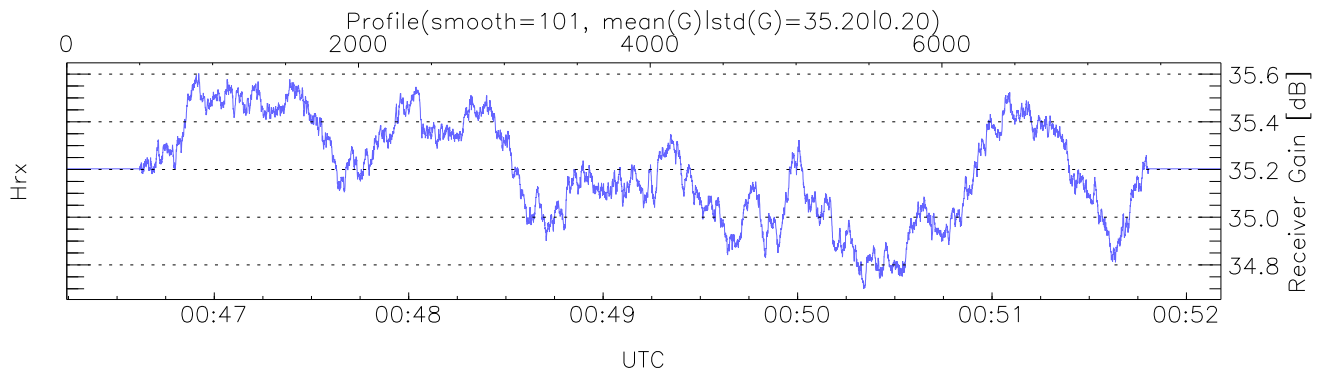
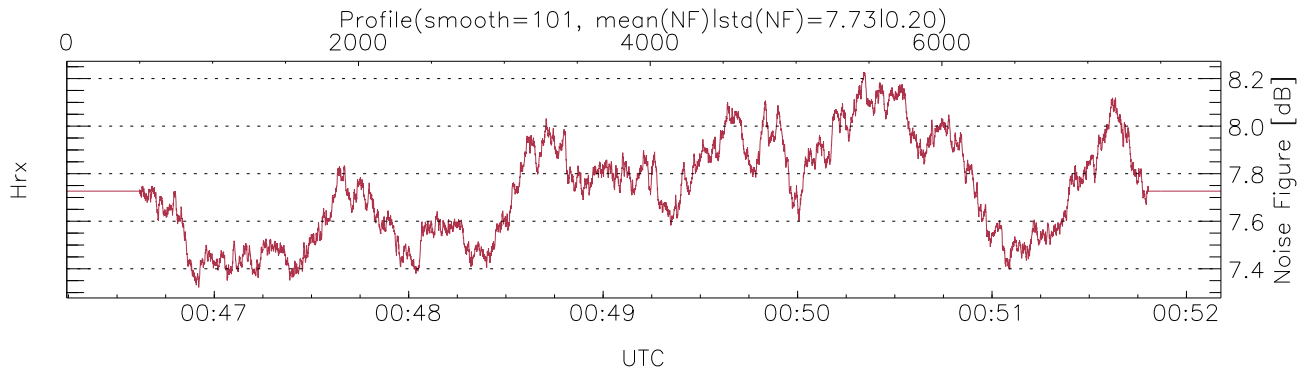
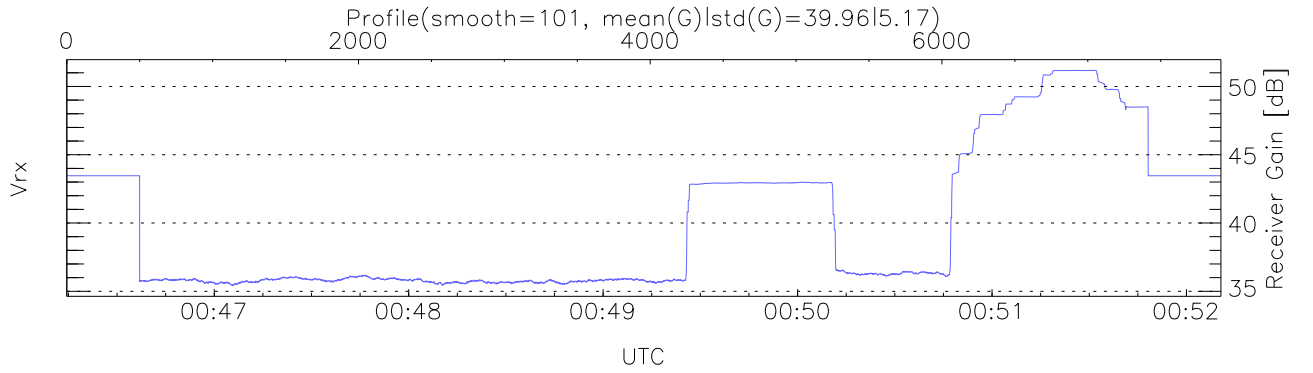
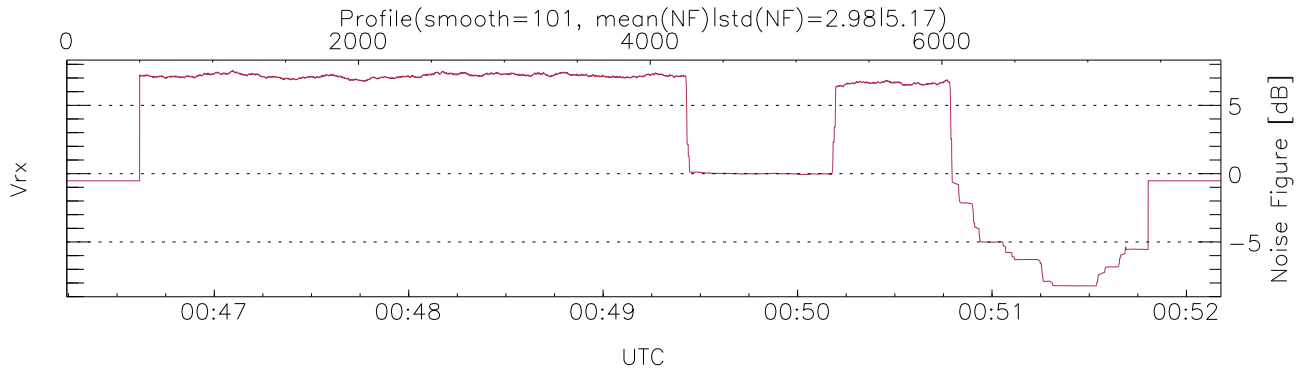
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:46:14-00:52:11, TimeCor: 0.00s, Dur: 356.17s  
 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): 7914/7914, 0-7913/00:46:14-00:52:11  
 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



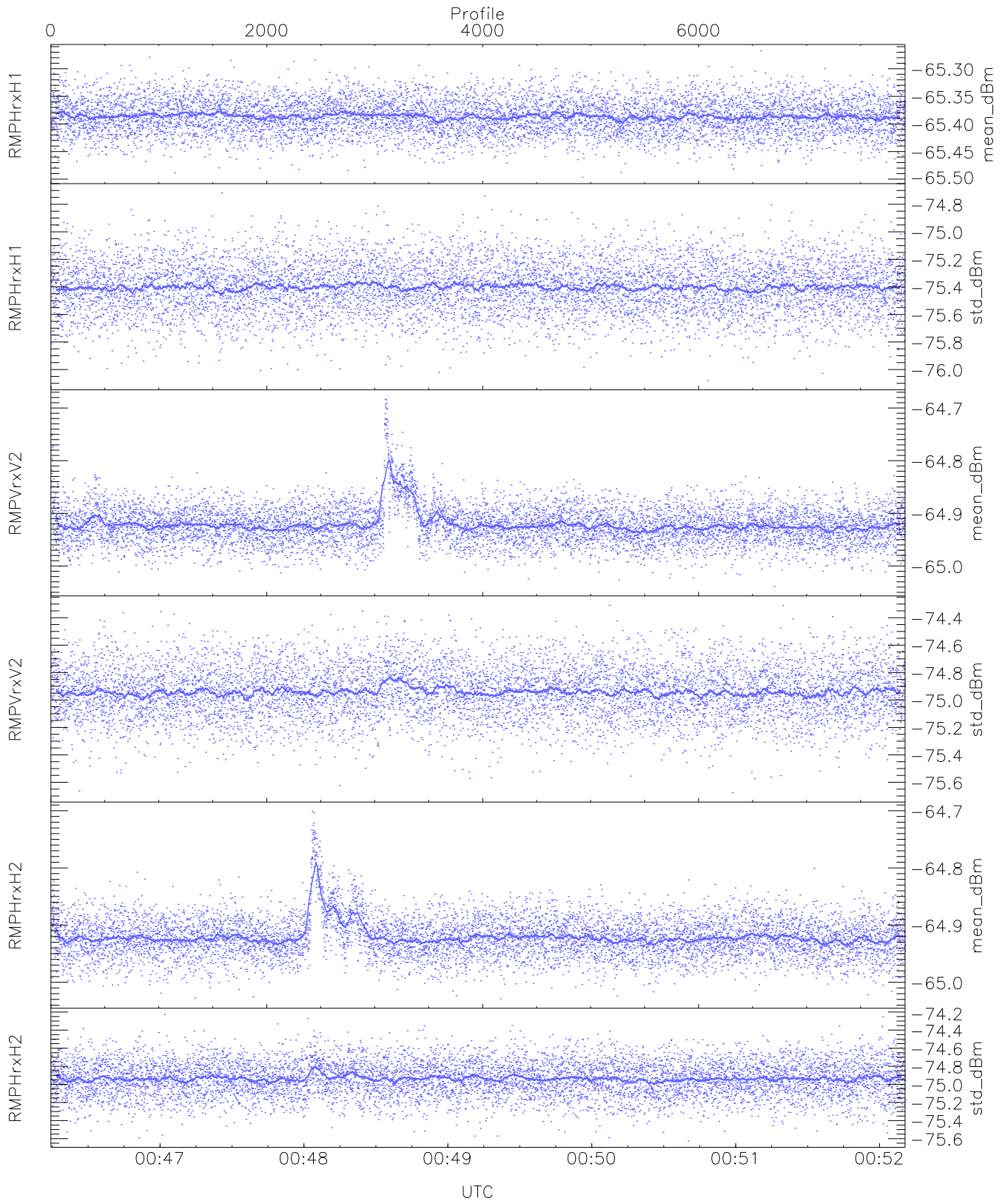
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



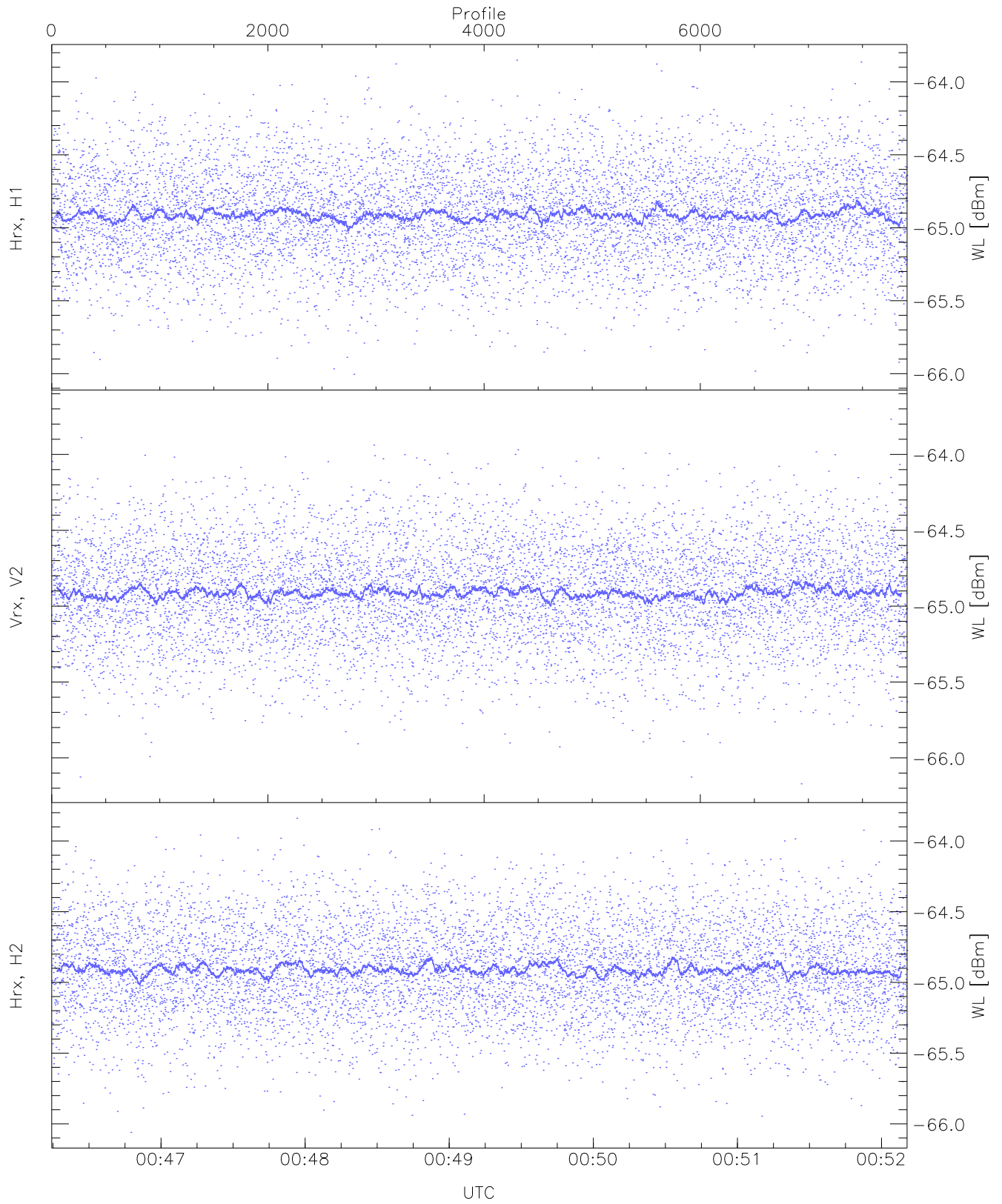
### WCR3 CPP Receivers Gain and Noise Figure

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



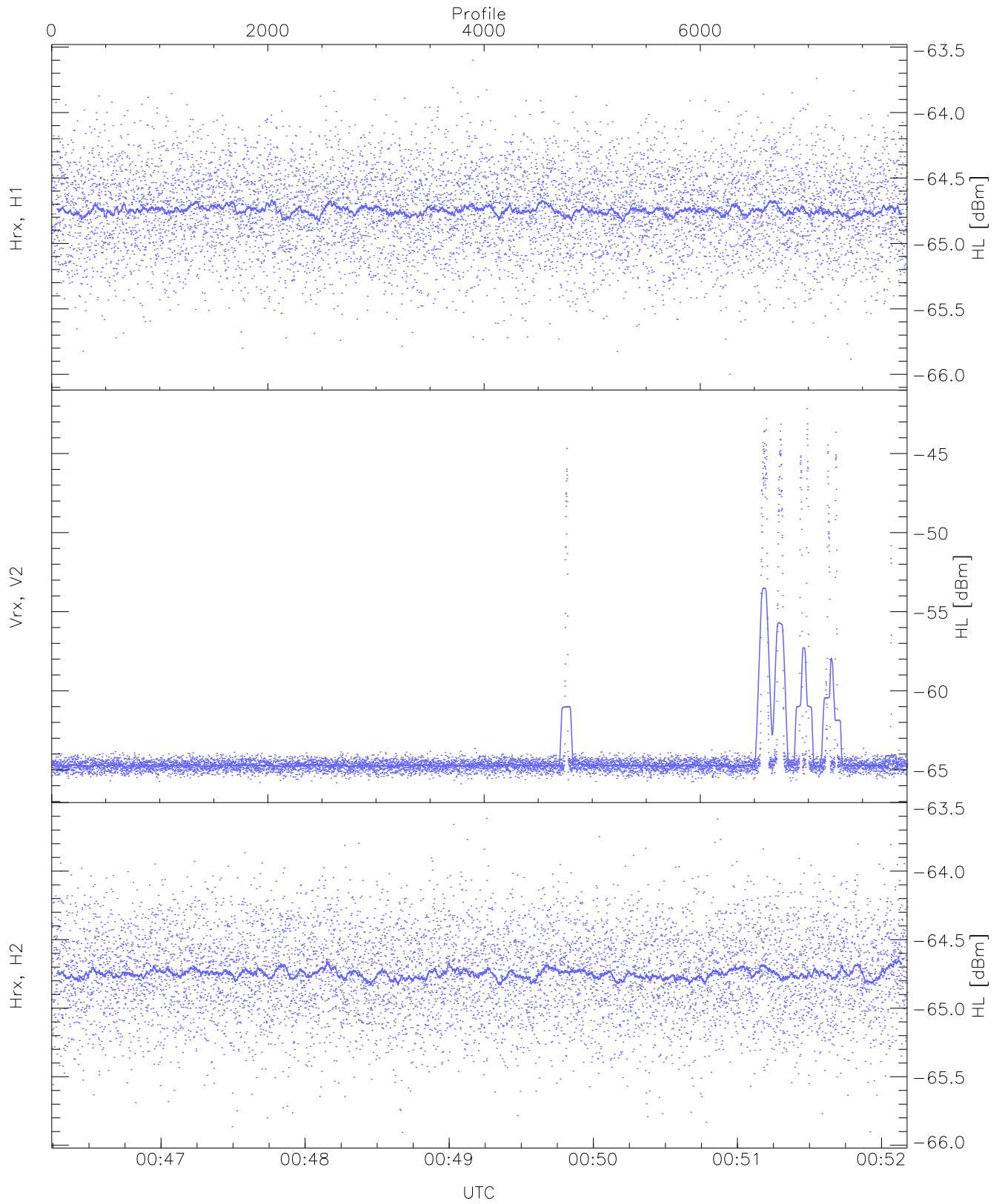
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.27	-65.39	-65.39	-86.97
RMPHrxH1(std_dBm)	-76.08	-74.72	-75.40	-75.40	-89.20
RMPVrxV2(mean_dBm)	-65.04	-64.68	-64.92	-64.92	-85.66
RMPVrxV2(std_dBm)	-75.68	-74.31	-74.94	-74.94	-88.70
RMPHrxH2(mean_dBm)	-65.03	-64.70	-64.92	-64.92	-85.83
RMPHrxH2(std_dBm)	-75.63	-74.23	-74.93	-74.94	-88.67



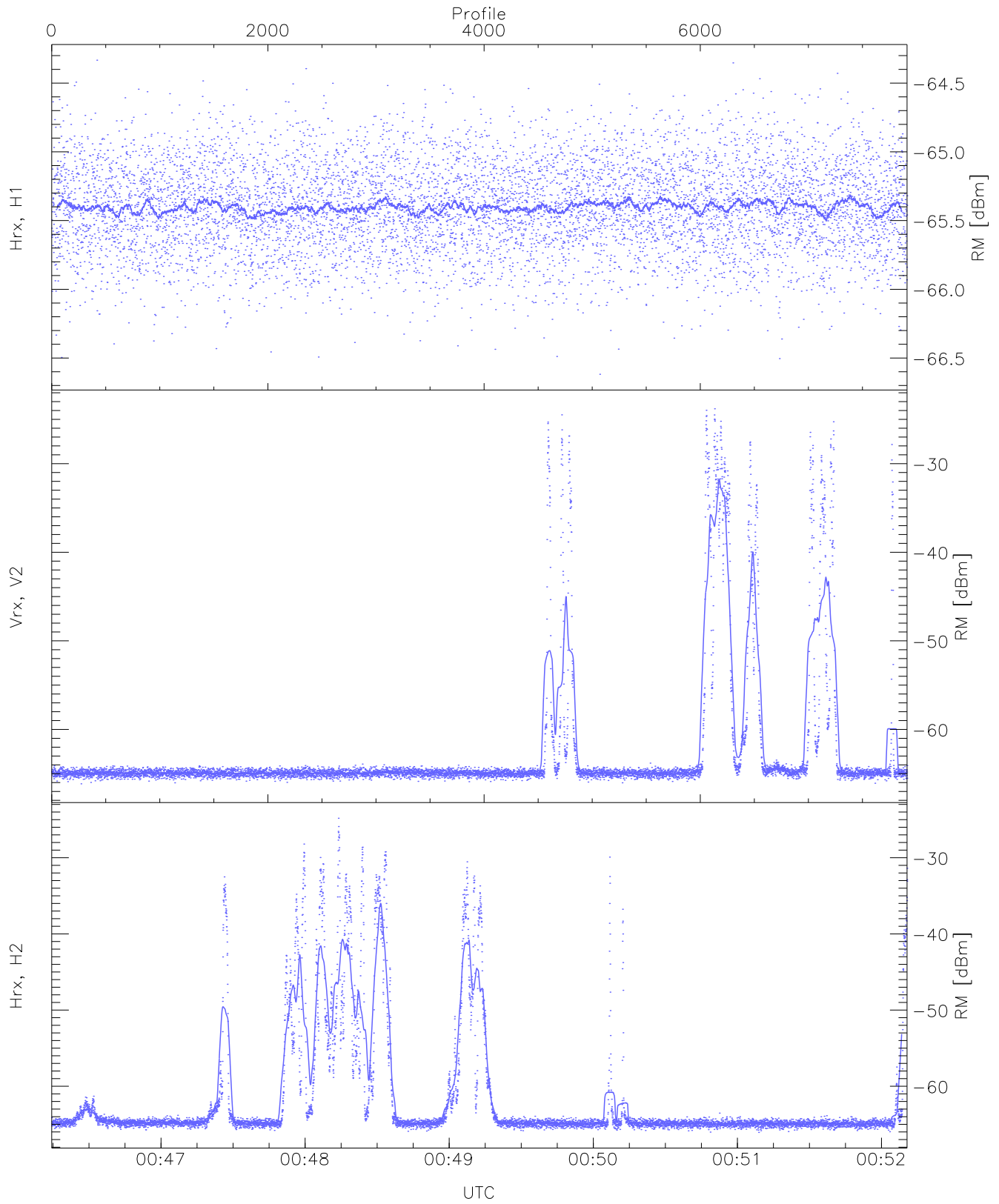
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.00	-63.85	-64.90	-64.91	-76.46
Vrx, V2(WL [dBm])	-66.17	-63.70	-64.90	-64.91	-76.39
Hrx, H2(WL [dBm])	-66.06	-63.84	-64.90	-64.92	-76.39



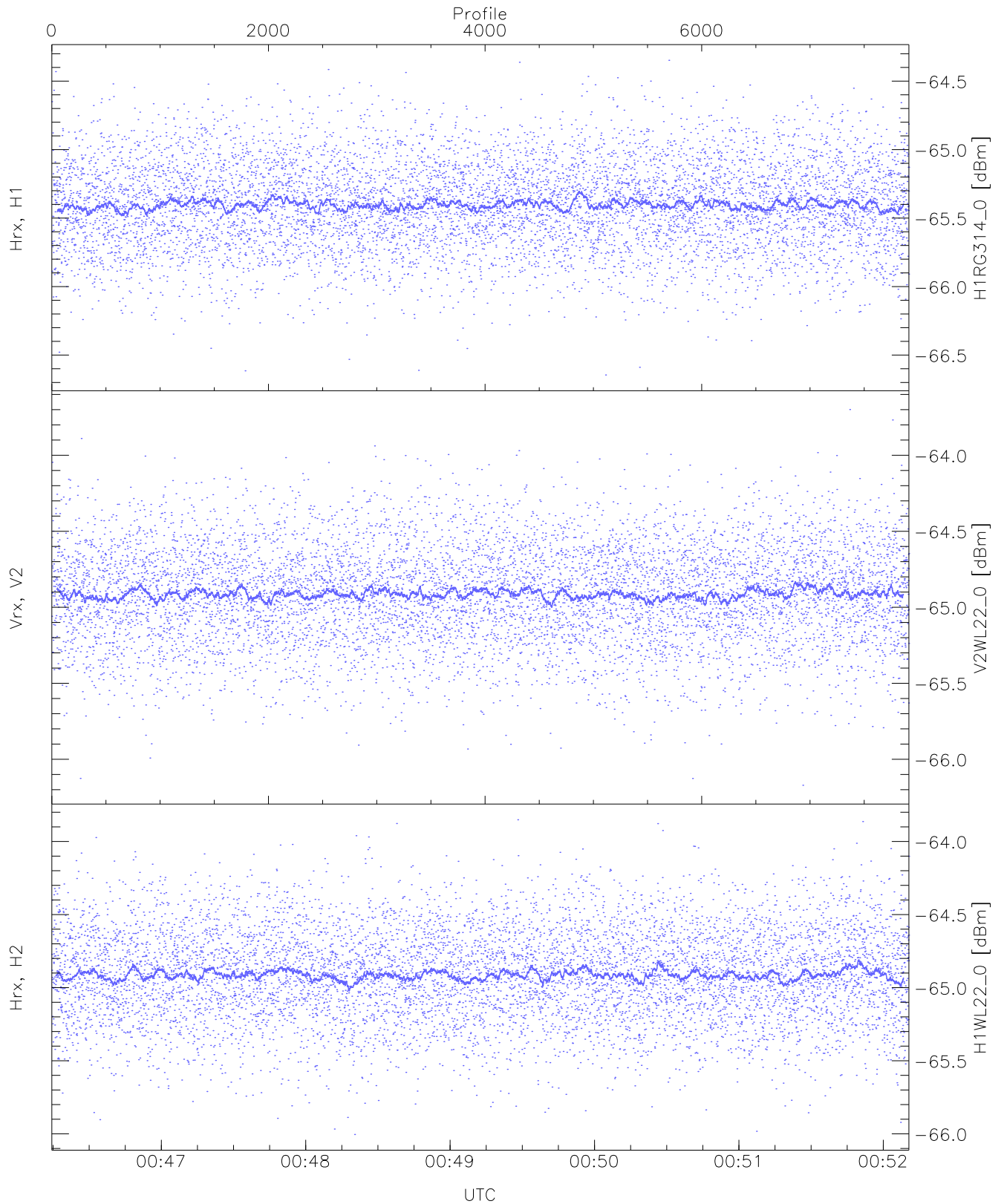
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.60	-64.74	-64.74	-76.26
Vrx, V2 (HL [dBm])	-65.88	-42.17	-60.66	-64.70	-54.39
Hrx, H2 (HL [dBm])	-65.91	-63.61	-64.74	-64.75	-76.29



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

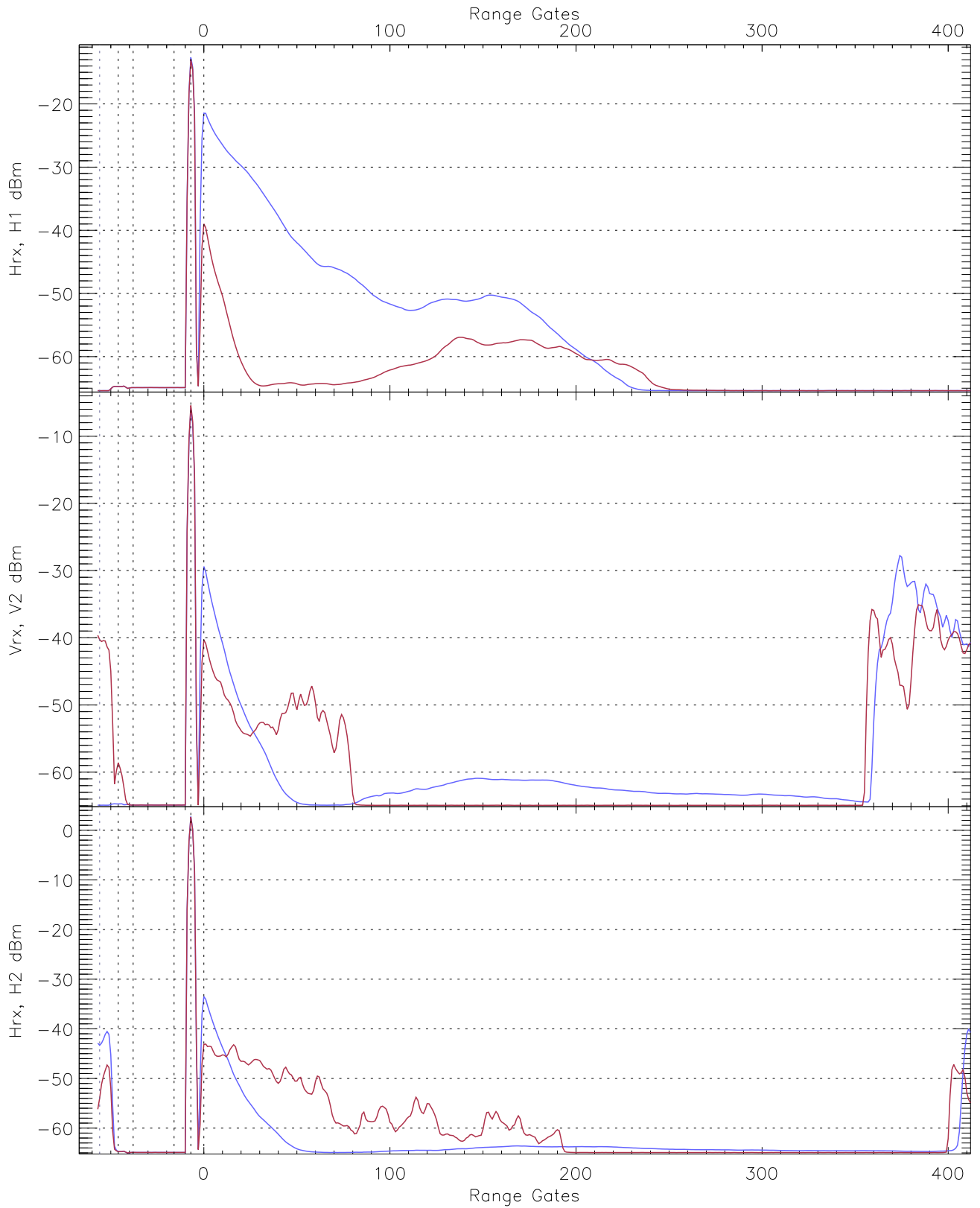
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.62	-64.33	-65.39	-65.40	-76.89
Vrx, V2 (RM [dBm])	-66.14	-23.80	-43.29	-64.85	-35.94
Hrx, H2 (RM [dBm])	-66.06	-24.82	-45.97	-64.71	-38.90



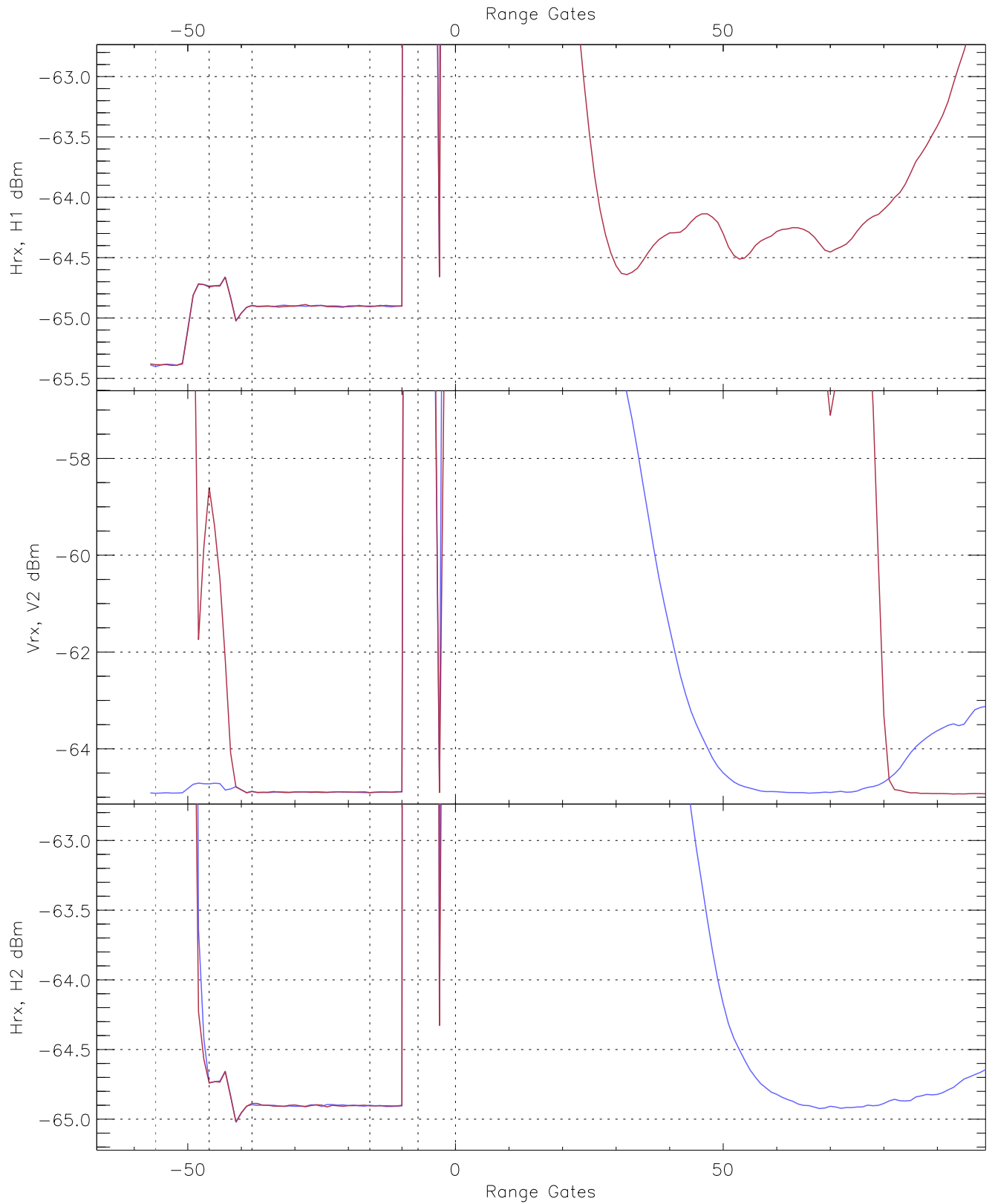
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG314_0 [dBm]	-66.65	-64.35	-65.39	-65.41	-76.89
V2WL22_0 [dBm]	-66.17	-63.70	-64.90	-64.91	-76.39
H1WL22_0 [dBm]	-66.00	-63.85	-64.90	-64.91	-76.46

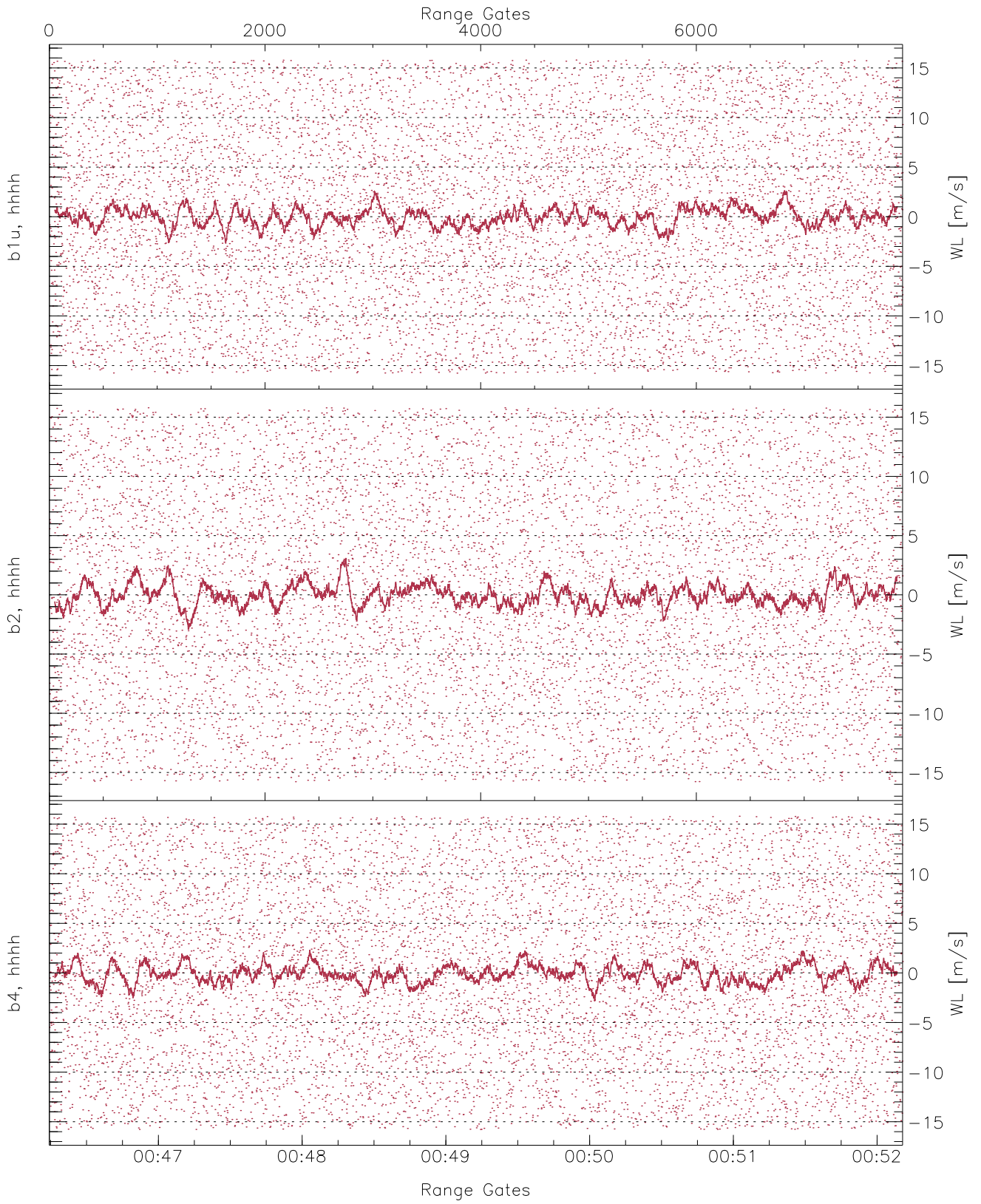




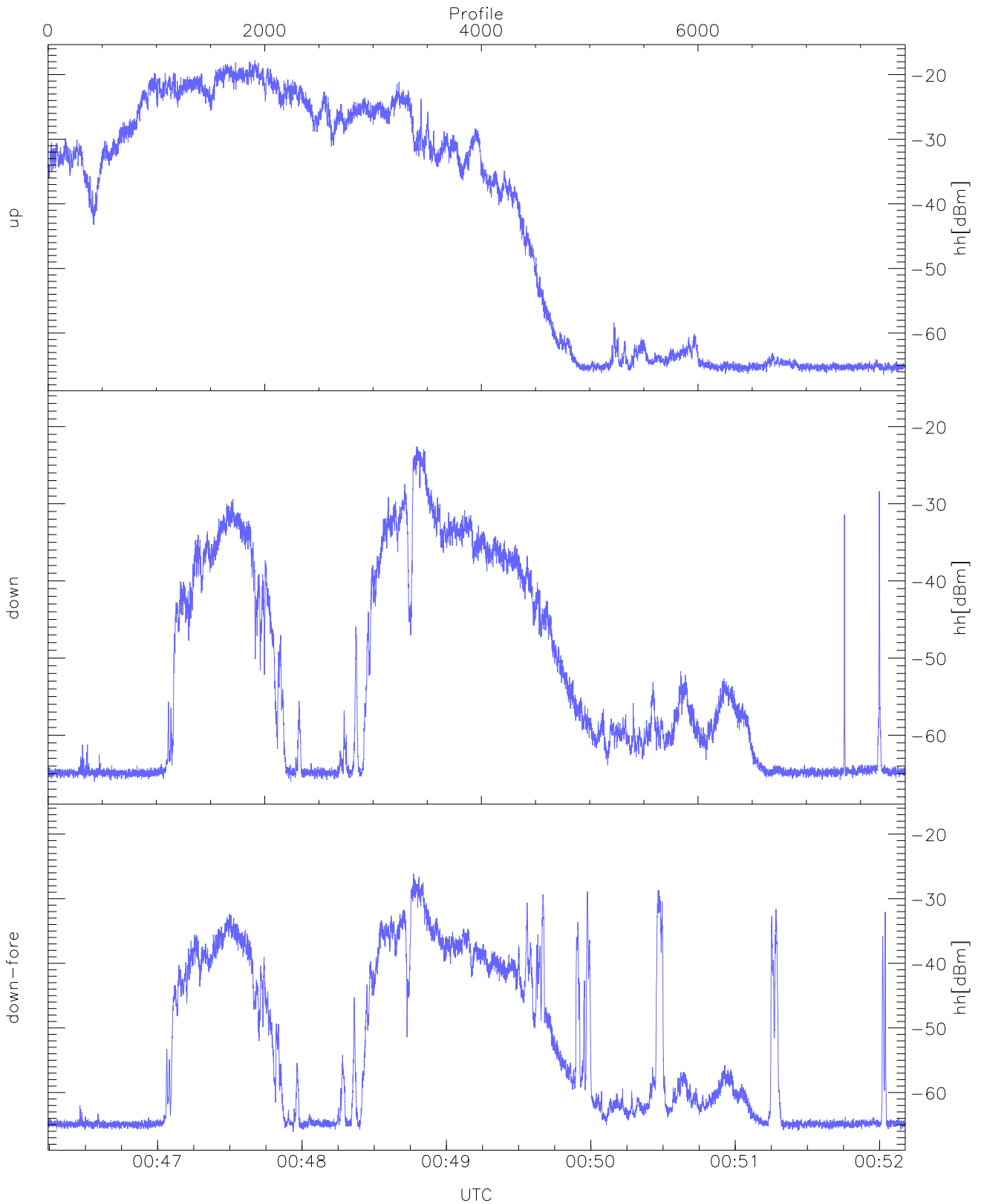
WCR3 CPP Averaged Received power for all recorded gates  
blue: 004614-004913, 3958 profiles averaged  
red: 004913-005211, 3957 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 004614-004913, 3958 profiles averaged  
red: 004913-005211, 3957 profiles averaged

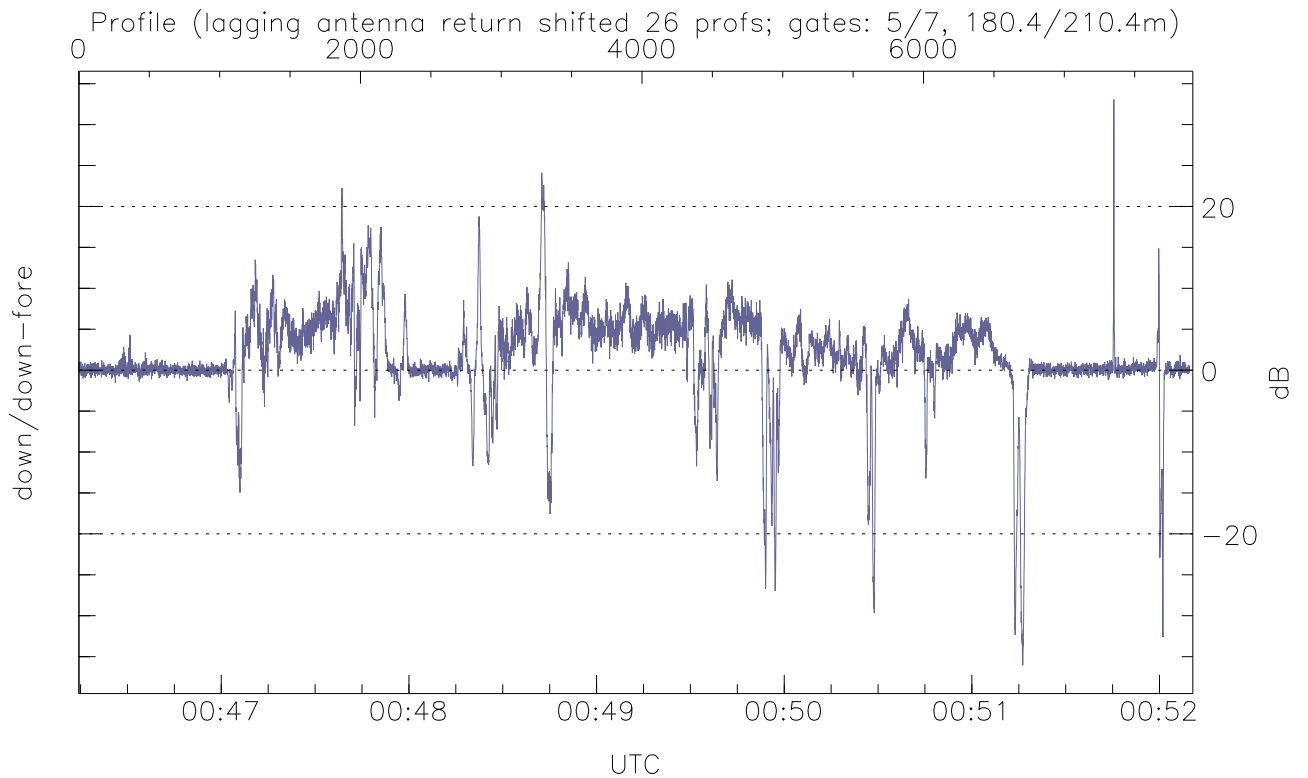
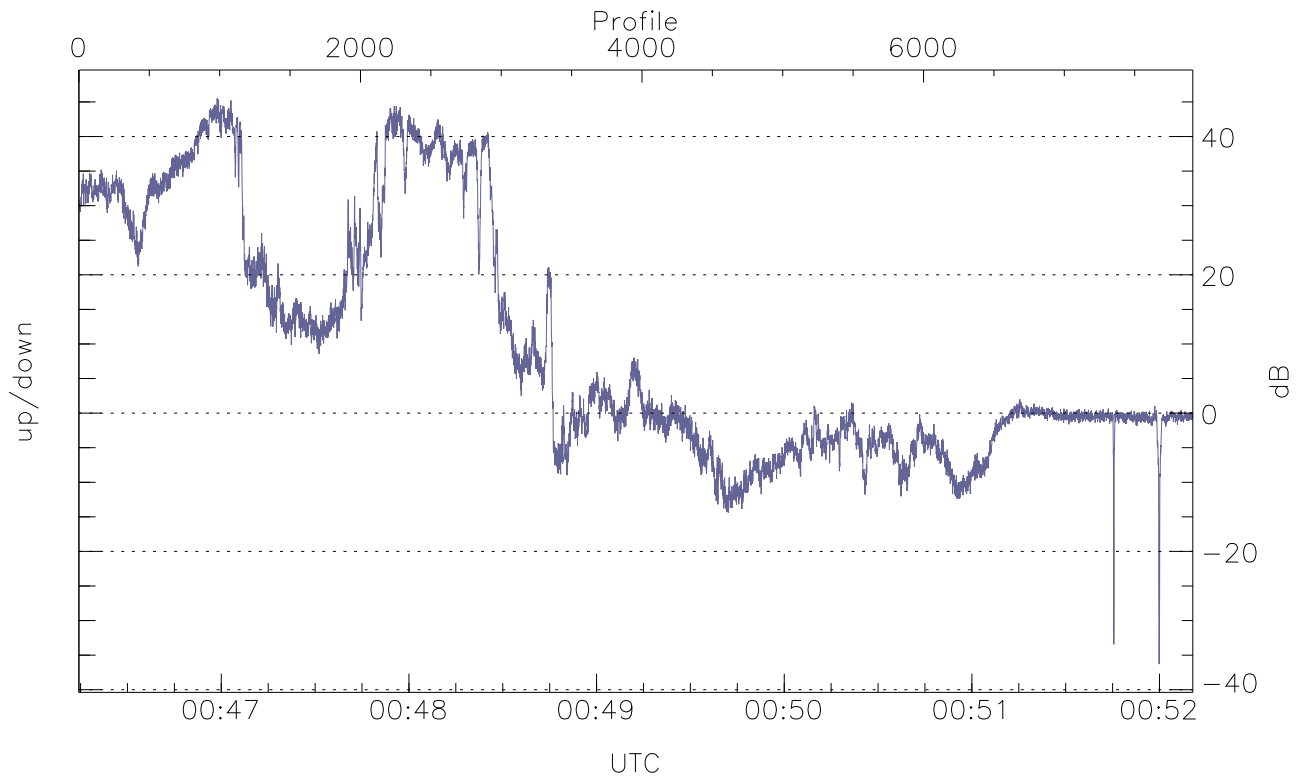


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



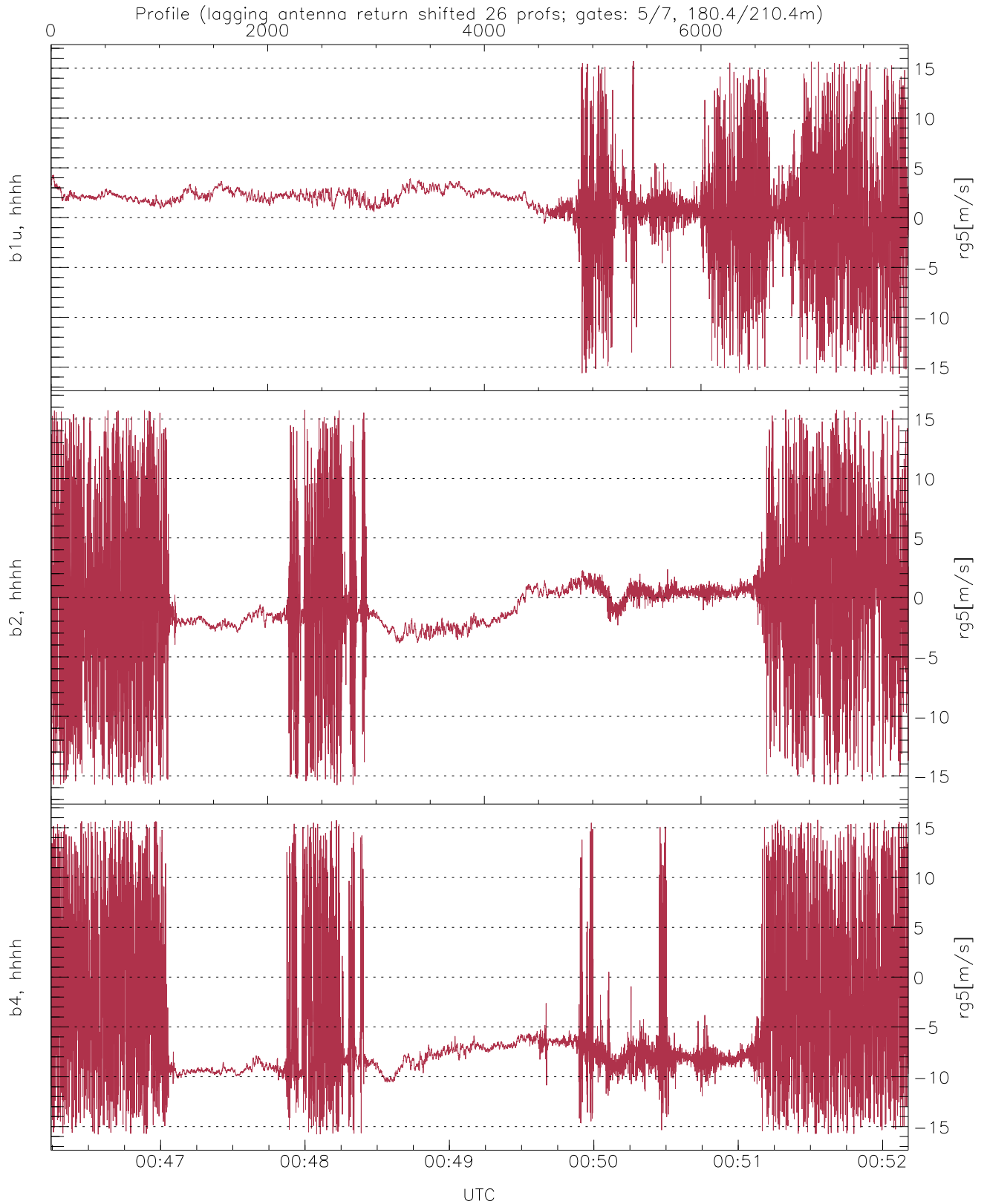
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.49	-17.78	-27.15
down(hh[dBm])	-66.00	-22.54	-38.03
down-fore(hh[dBm])	-66.11	-26.13	-40.79



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

	Min	Max	Mean
up/down (dB)	-36.29	45.53	9.86
down/down-fore (dB)	-36.05	33.06	1.81



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.74	15.73	1.35	3.73
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.52	4.92
b4, hhhh(rg5[m/s])	-15.78	15.78	-5.52	6.41