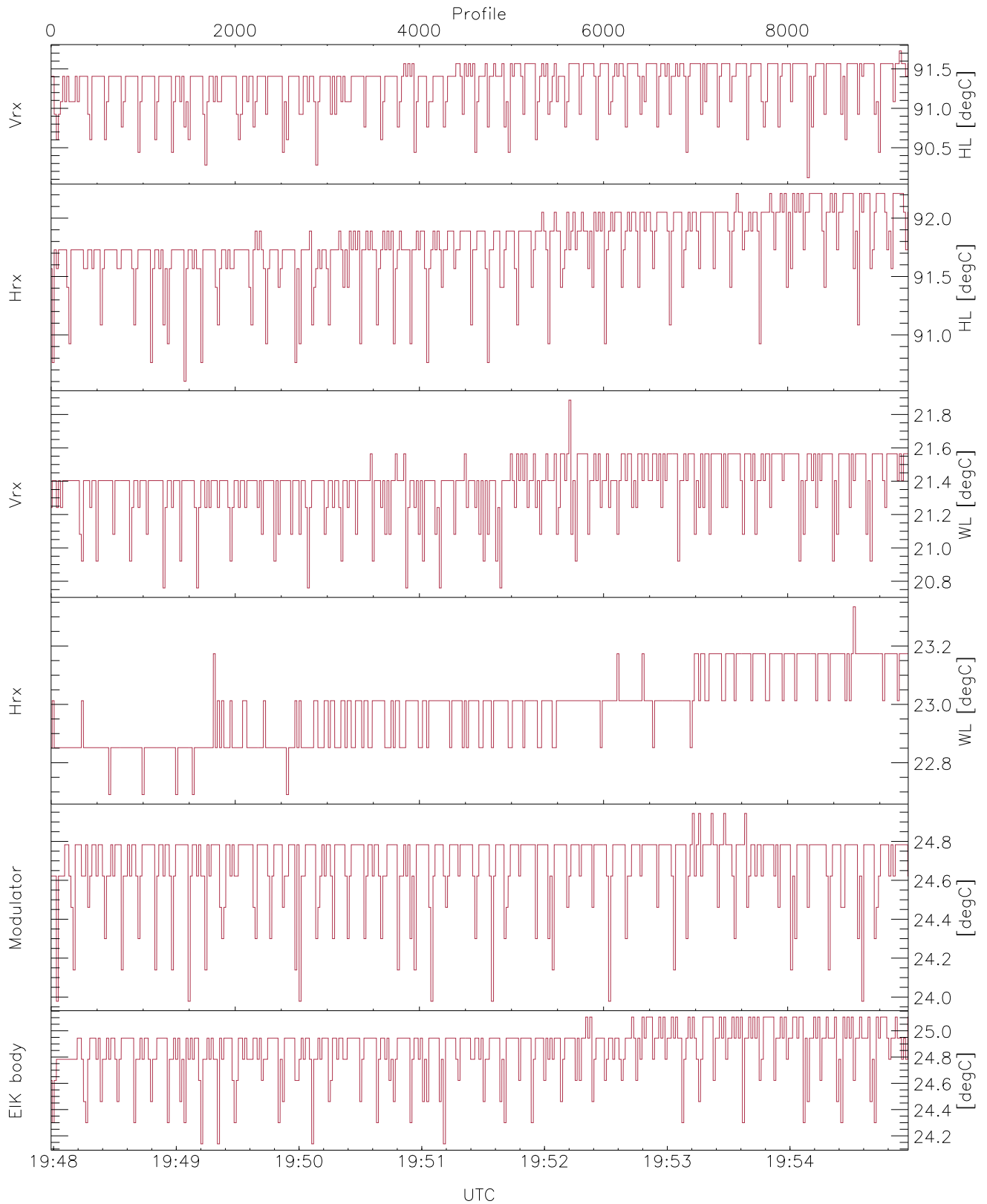


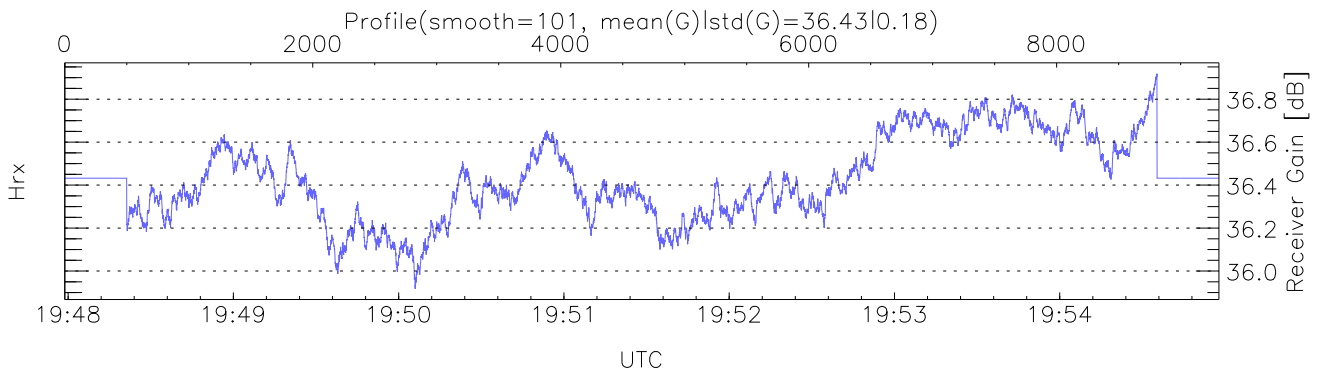
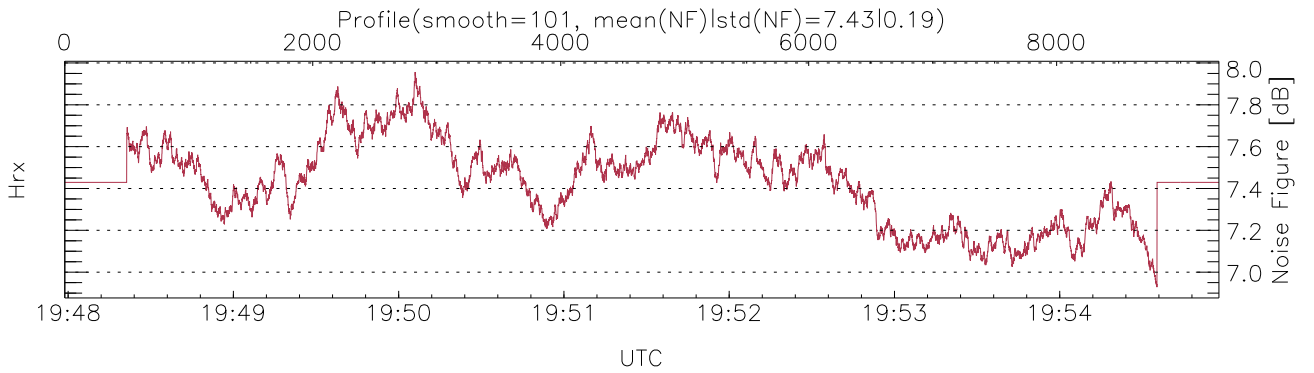
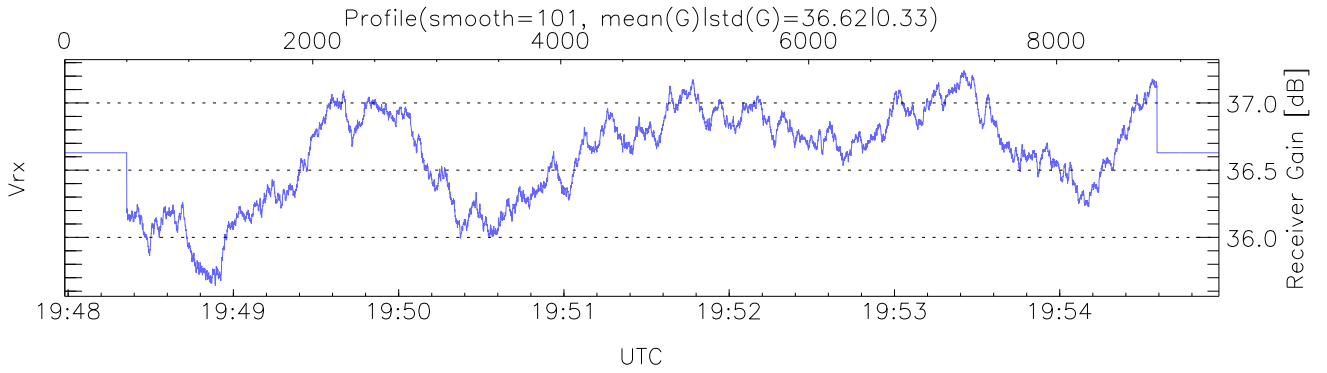
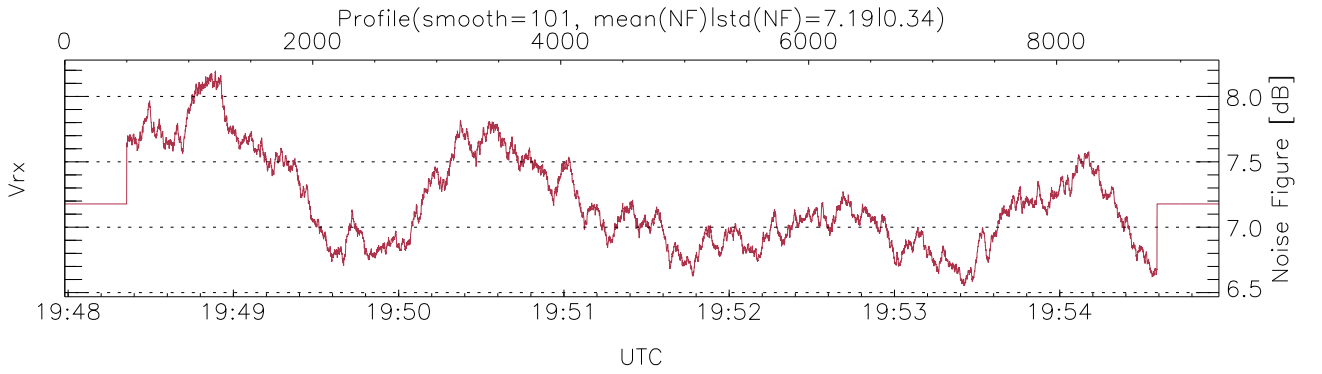
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:47:59-19:54:58, TimeCor: 0.00s, Dur: 419.01s  
 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): 9310/9310, 0-9309/19:47:59-19:54:58  
 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



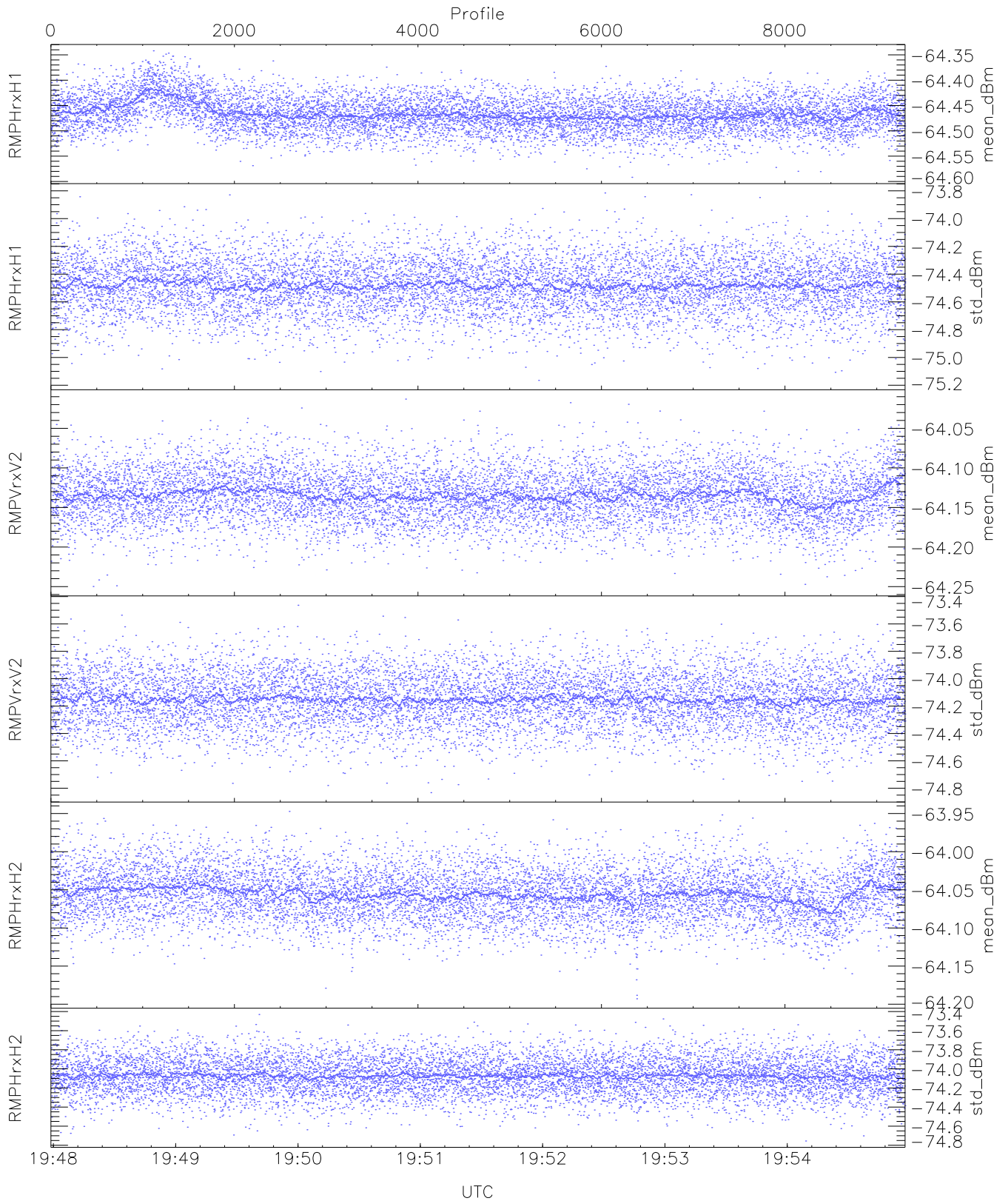
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,90,20,22,23,24`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,24,25`  
`LOalarm(20,240,2817,14861 MHz): None`  
`EIK Faults(# prof affected):`  
`BodyCurr (46)`



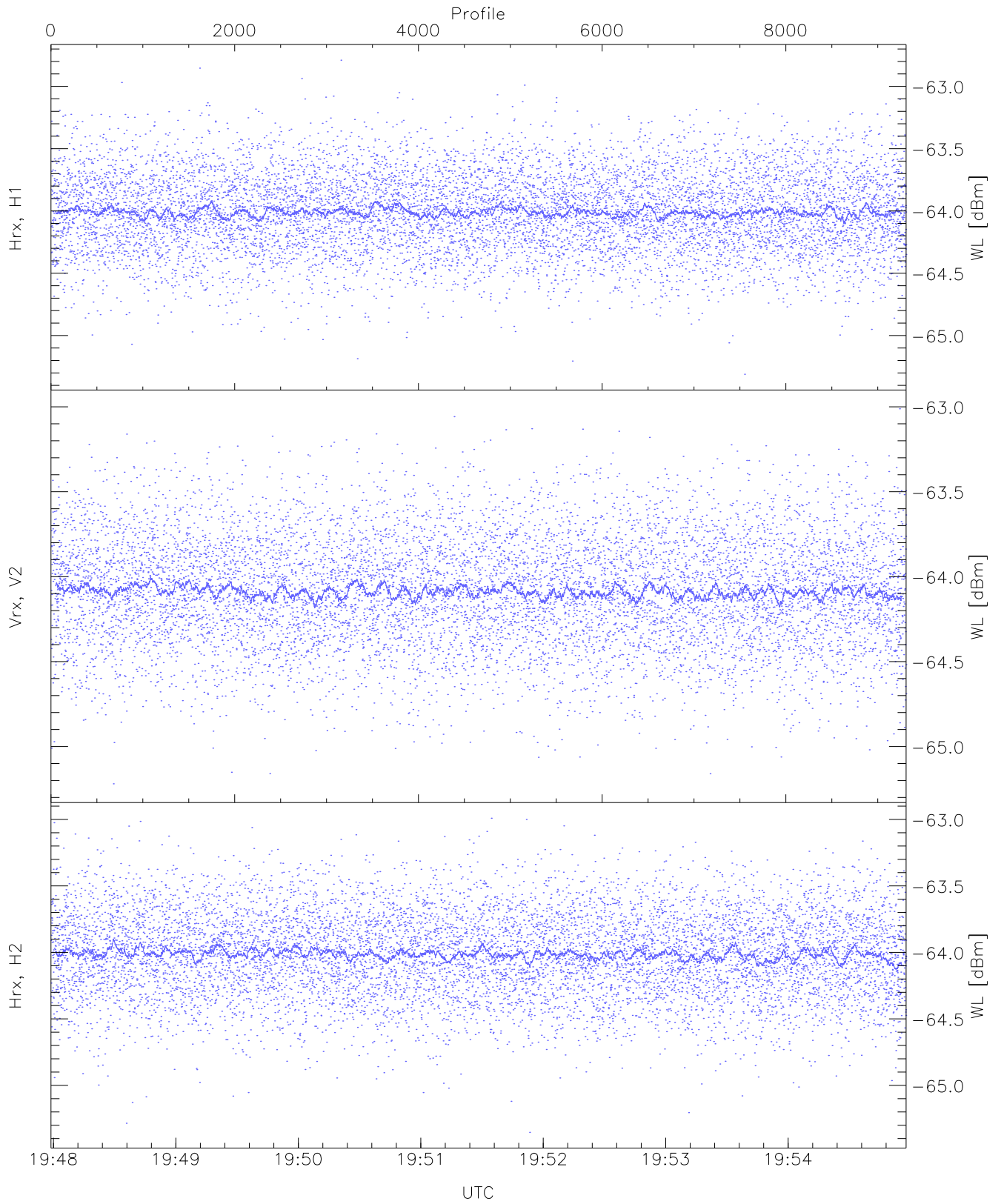
### WCR3 CPP Receivers Gain and Noise Figure

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



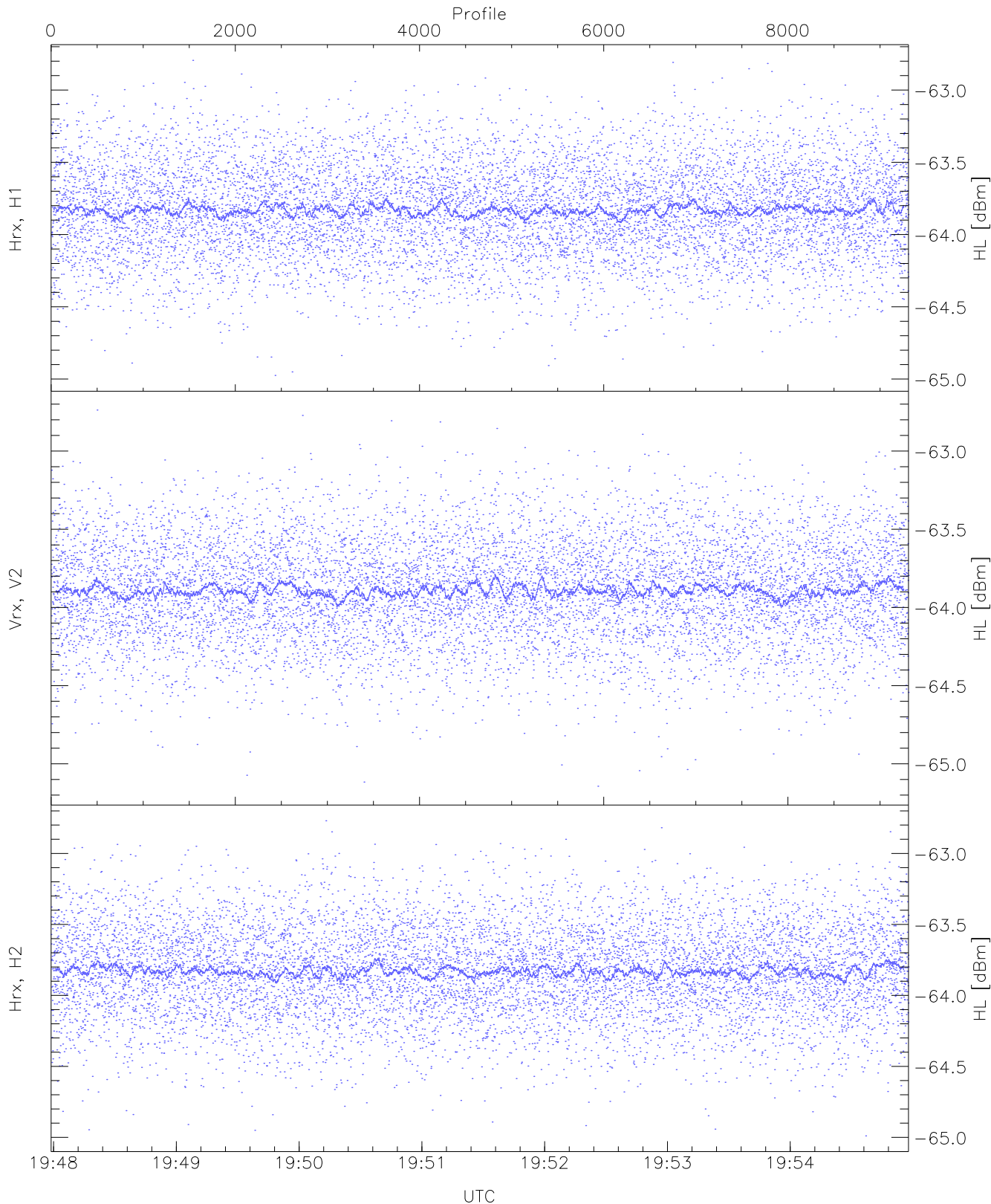
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-64.59	-64.34	-64.47	-64.47	-85.73
RMPHrxH1 (std_dBm)	-75.17	-73.82	-74.48	-74.48	-88.25
RMPVrxV2 (mean_dBm)	-64.25	-64.01	-64.13	-64.14	-85.65
RMPVrxV2 (std_dBm)	-74.83	-73.46	-74.15	-74.15	-87.92
RMPHrxH2 (mean_dBm)	-64.19	-63.95	-64.06	-64.06	-85.52
RMPHrxH2 (std_dBm)	-74.76	-73.43	-74.07	-74.08	-87.94



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

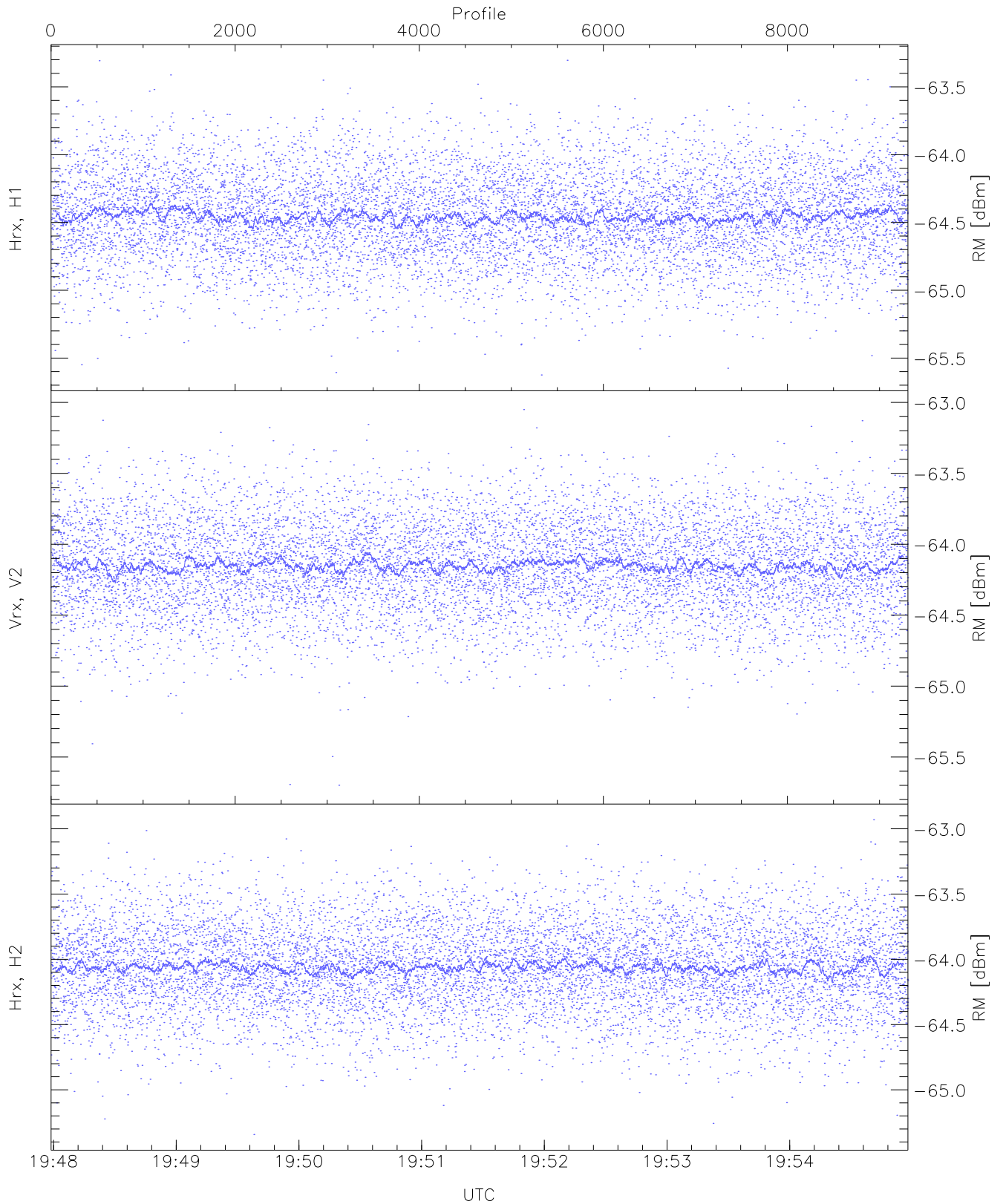
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.31	-62.79	-64.00	-64.01	-75.50
Vrx, V2 (WL [dBm])	-65.22	-63.01	-64.08	-64.09	-75.57
Hrx, H2 (WL [dBm])	-65.35	-62.99	-64.01	-64.01	-75.52



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

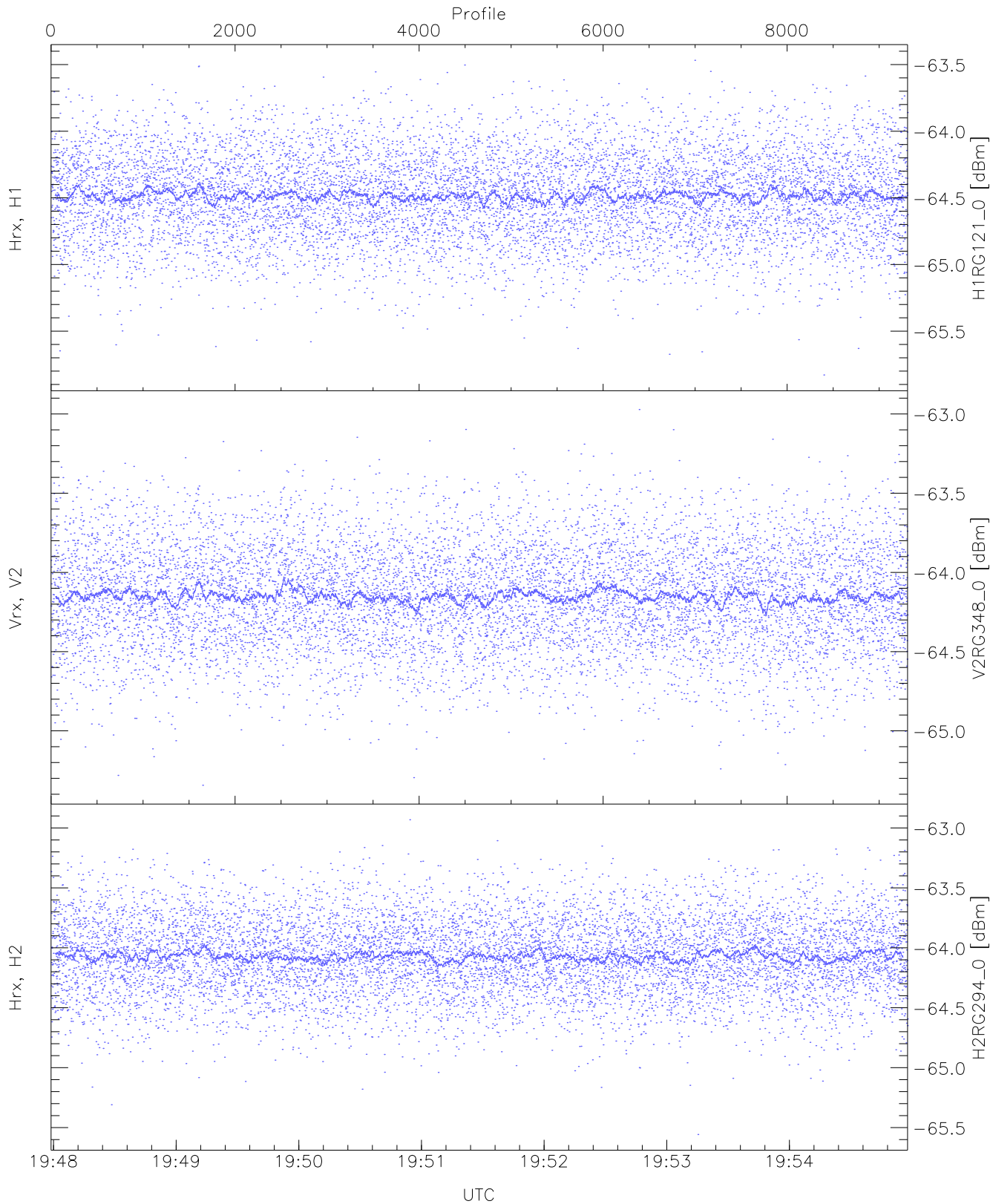
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.98	-62.79	-63.82	-63.83	-75.32
Vrx, V2 (HL [dBm])	-65.14	-62.74	-63.88	-63.89	-75.40
Hrx, H2 (HL [dBm])	-64.99	-62.77	-63.82	-63.83	-75.36





WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

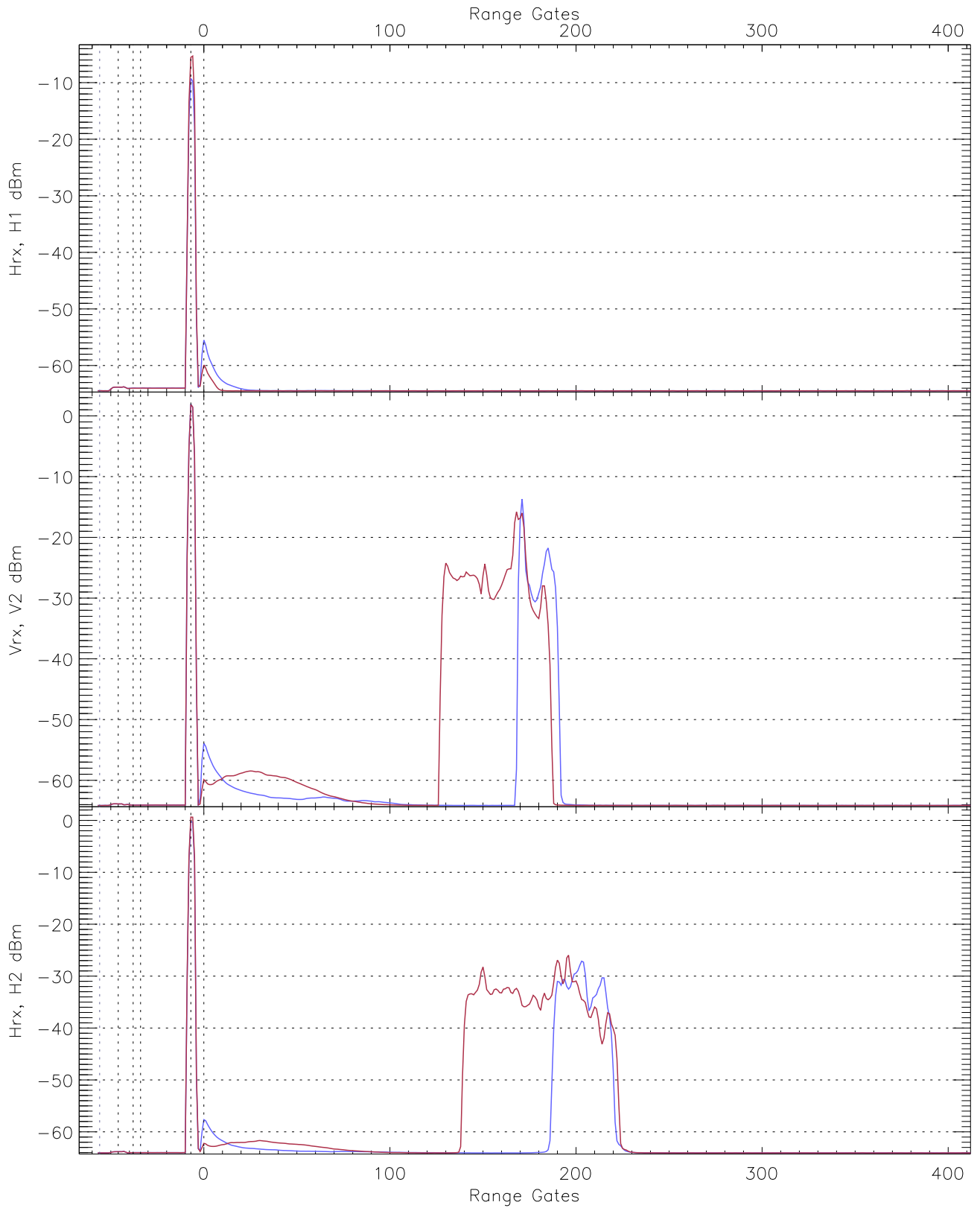
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.62	-63.30	-64.45	-64.46	-75.93
Vrx, V2 (RM [dBm])	-65.70	-63.05	-64.14	-64.15	-75.66
Hrx, H2 (RM [dBm])	-65.34	-62.93	-64.05	-64.06	-75.56



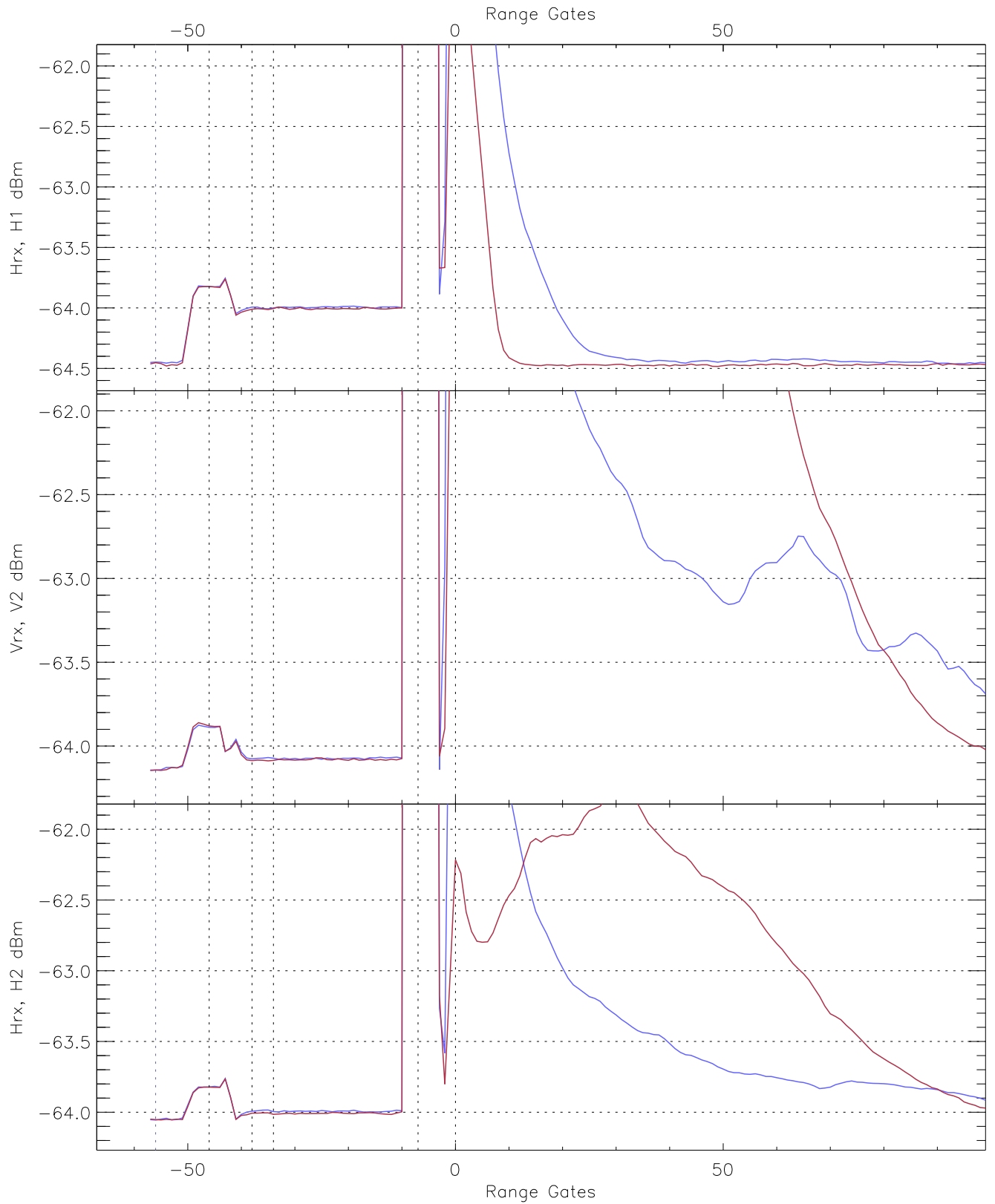
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG121_0 [dBm]	-65.83	-63.47	-64.48	-64.48	-75.97
V2RG348_0 [dBm]	-65.34	-62.97	-64.14	-64.15	-75.67
H2RG294_0 [dBm]	-65.56	-62.93	-64.06	-64.07	-75.60

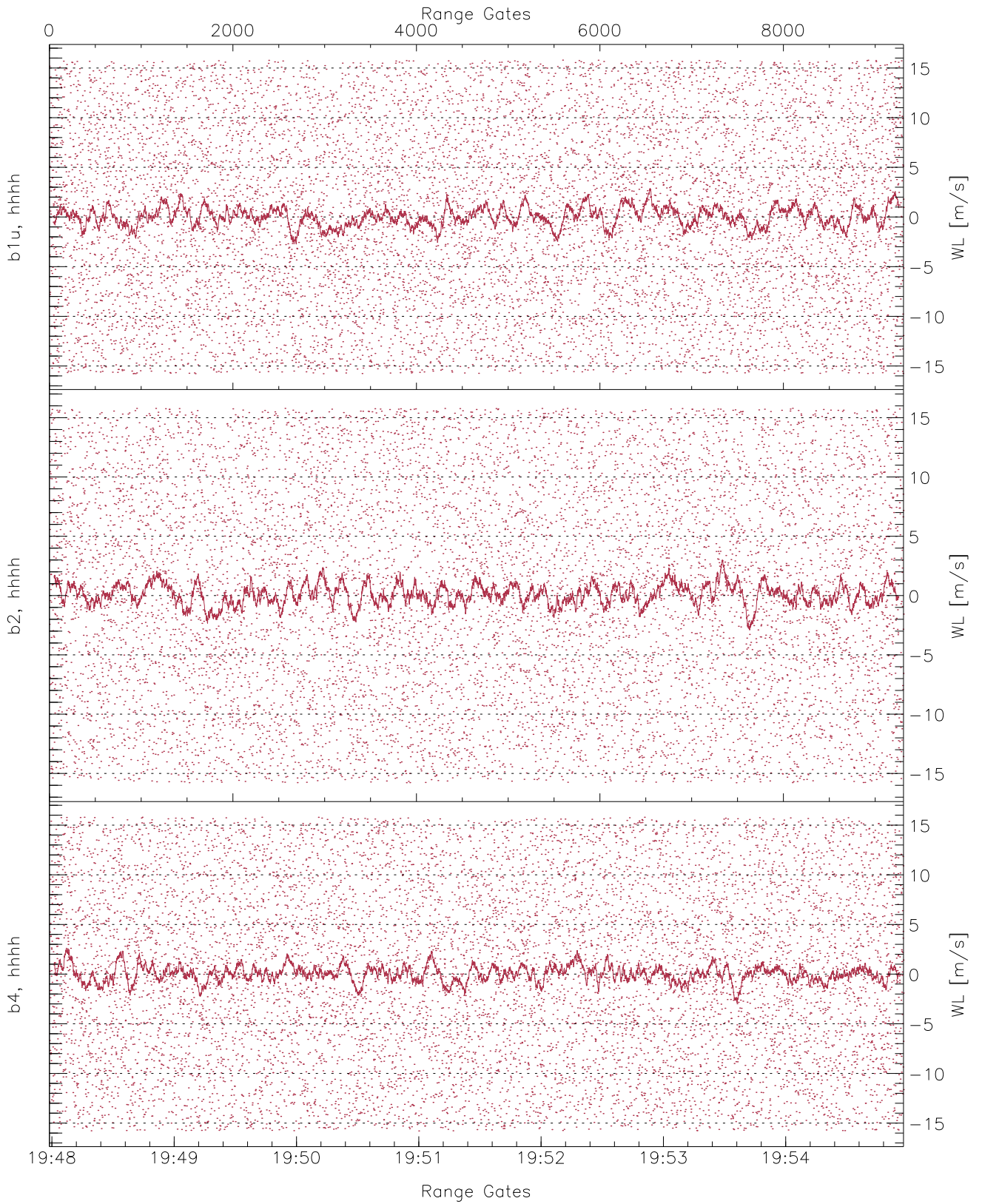




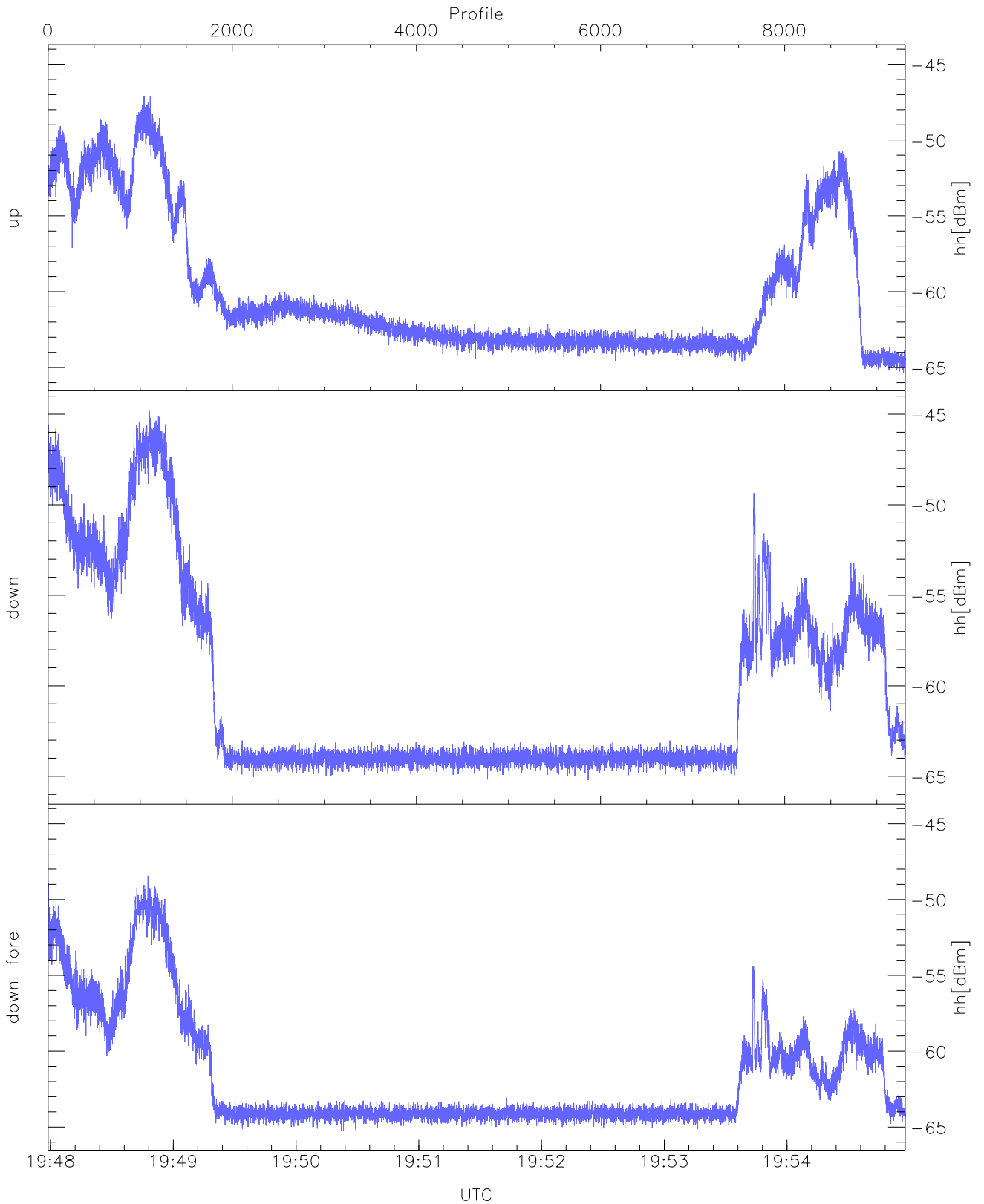
WCR3 CPP Averaged Received power for all recorded gates  
blue: 194759-195128, 4656 profiles averaged  
red: 195128-195458, 4655 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 194759-195128, 4656 profiles averaged  
red: 195128-195458, 4655 profiles averaged

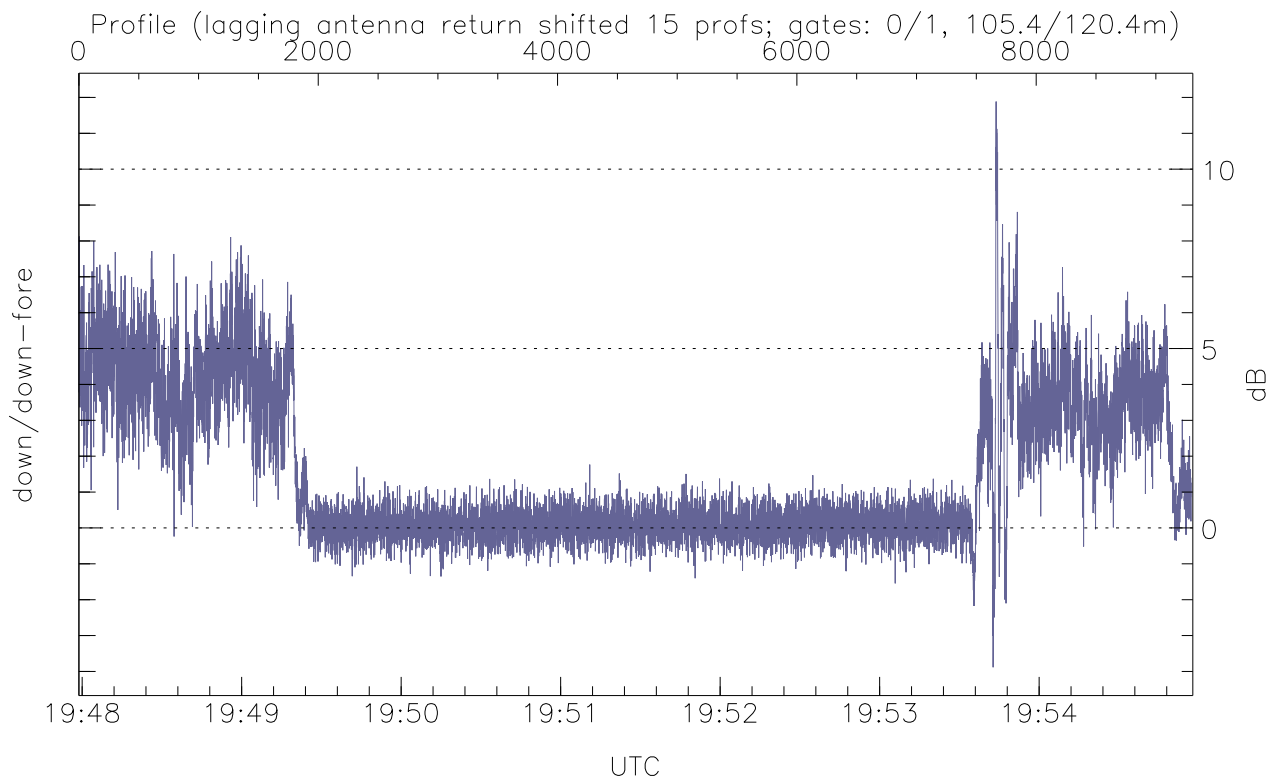
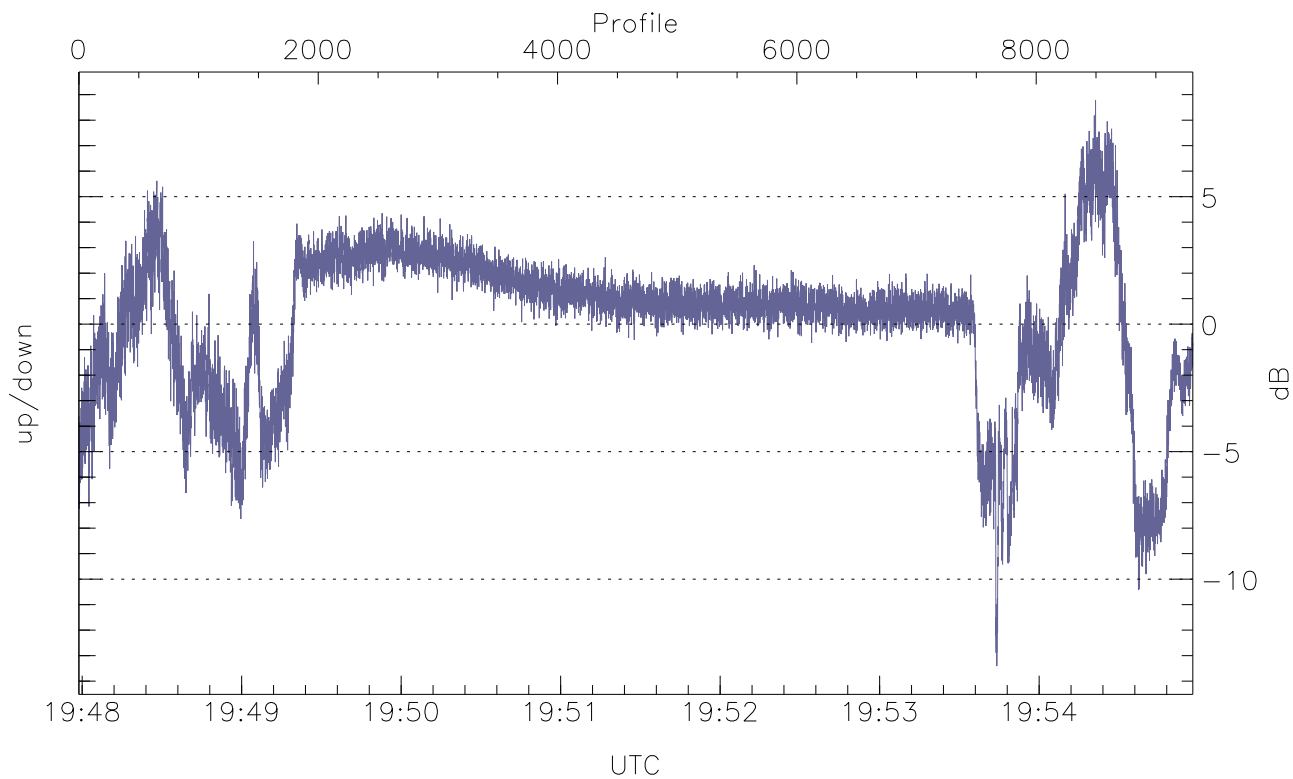


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



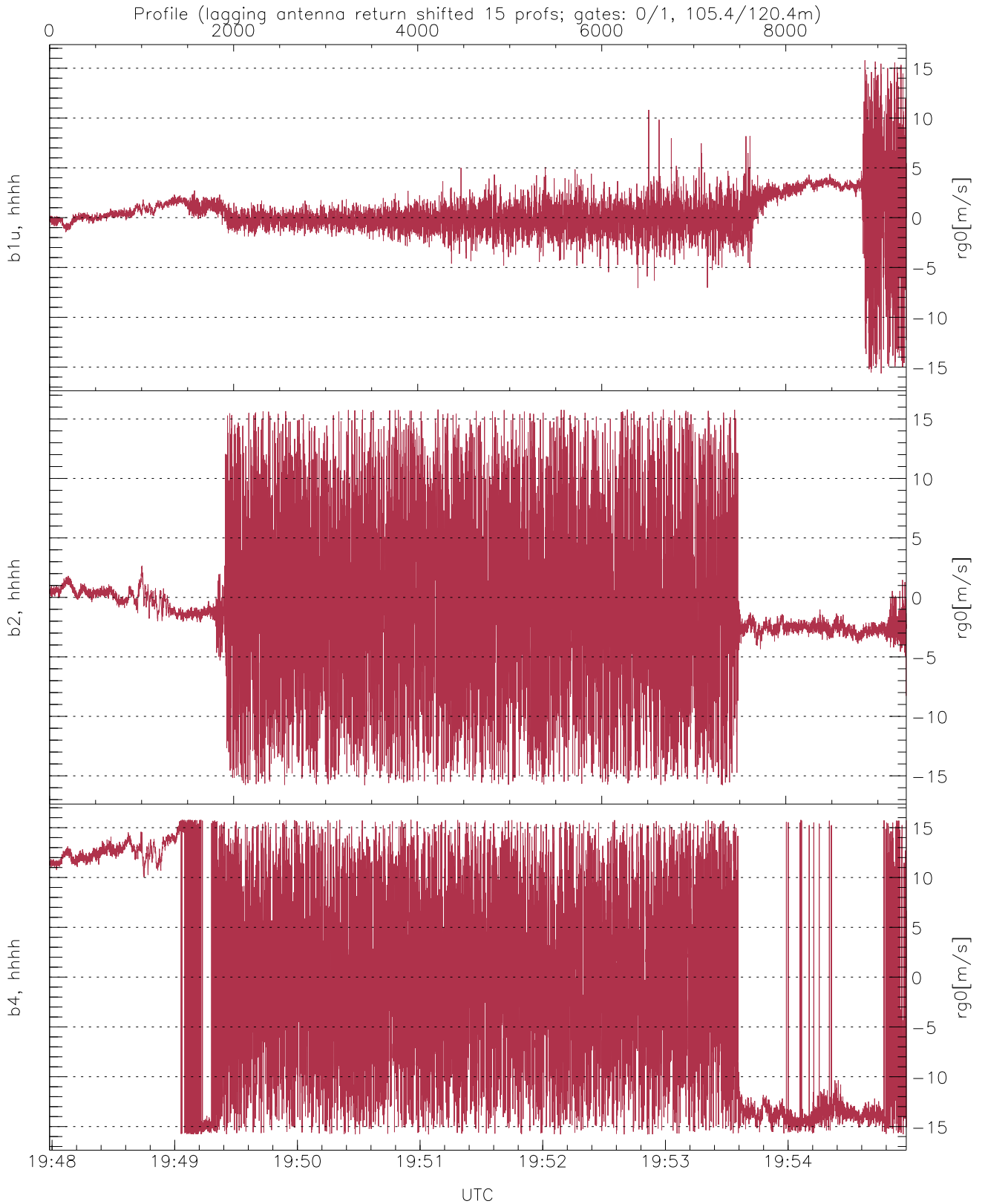
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.49	-47.08	-57.18
down(hh[dBm])	-65.20	-44.74	-55.96
down-fore(hh[dBm])	-65.25	-48.44	-59.36



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-13.41	8.78	0.14
down/down-fore (dB)	-3.88	11.89	1.52



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.64	15.79	0.43	2.43
b2, hhhh(rg0[m/s])	-15.78	15.79	-0.70	6.36
b4, hhhh(rg0[m/s])	-15.78	15.79	-0.63	10.84