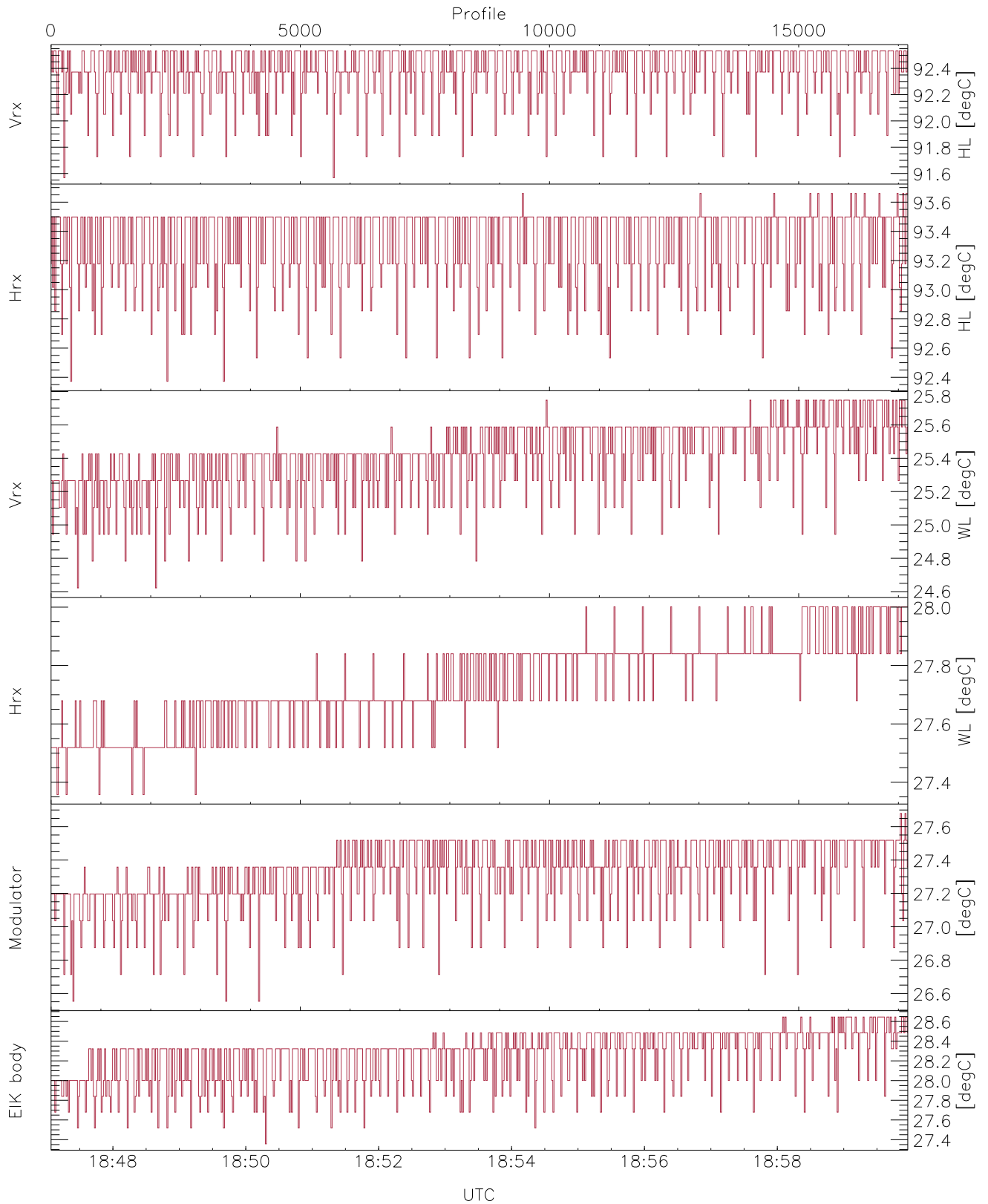


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:47:04-18:59:58, TimeCor: 0.00s, Dur: 773.70s  
 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): 17190/17190, 0-17189/18:47:04-18:59:58  
 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

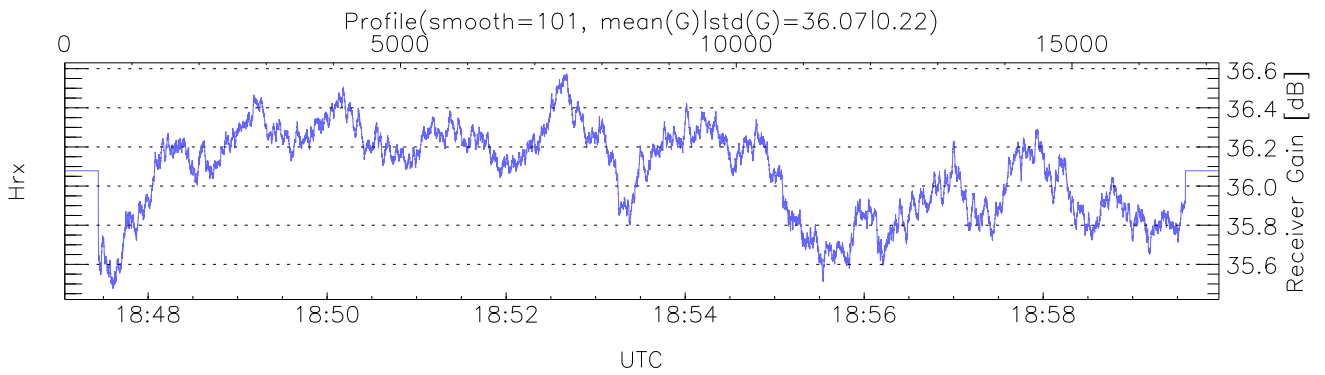
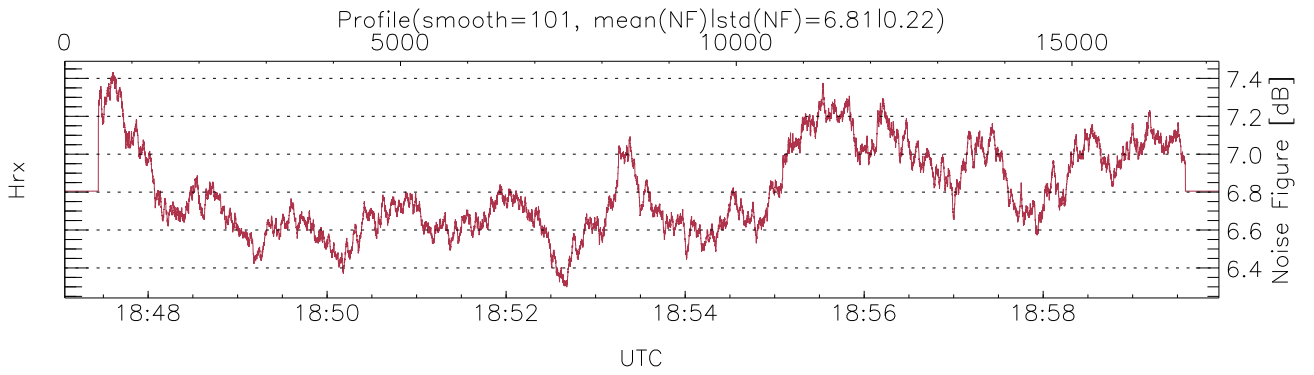
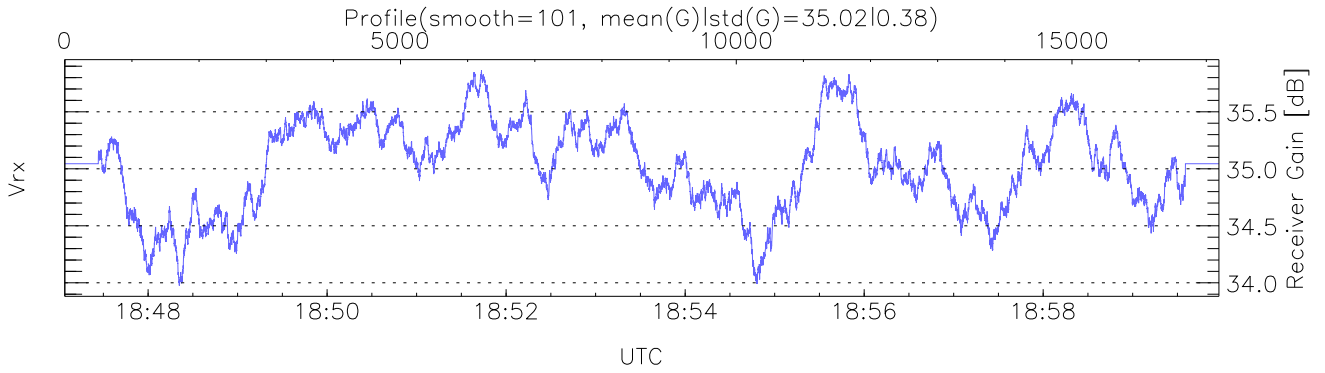
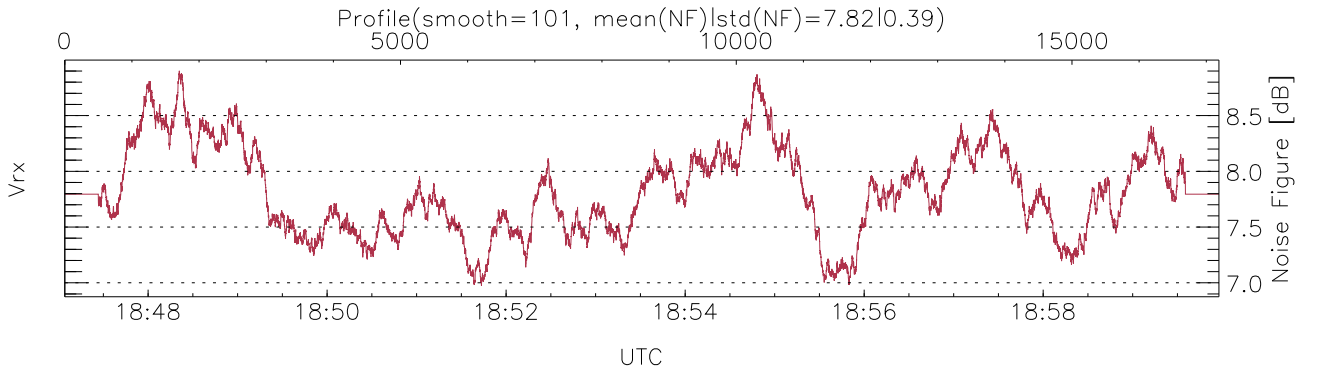
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,26,27`

`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,27,28`

`LOalarm(20,240,2817,14861 MHz): None`

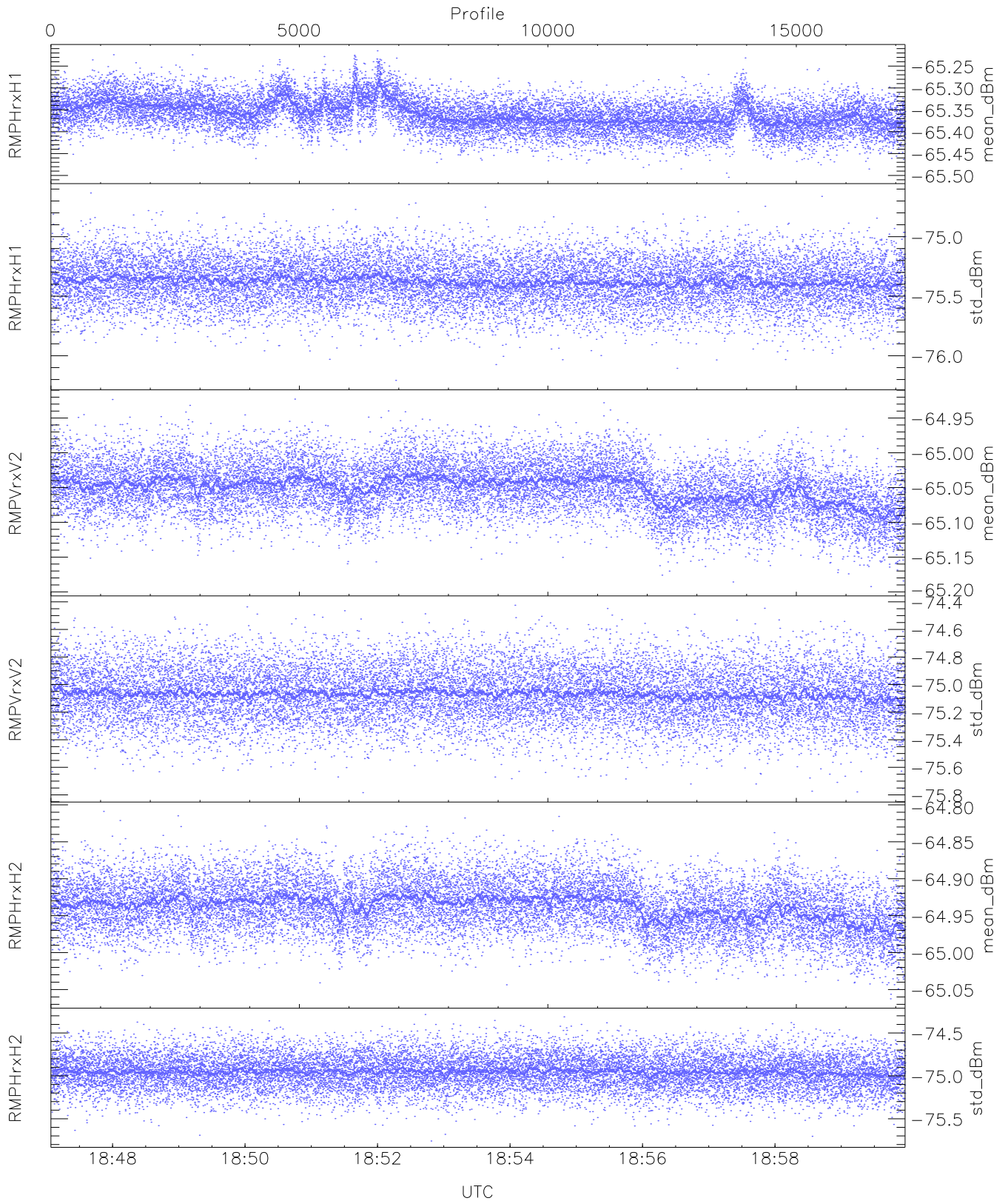
`EIK Faults(# prof affected):`

`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (68,46,68,68,68,68)`



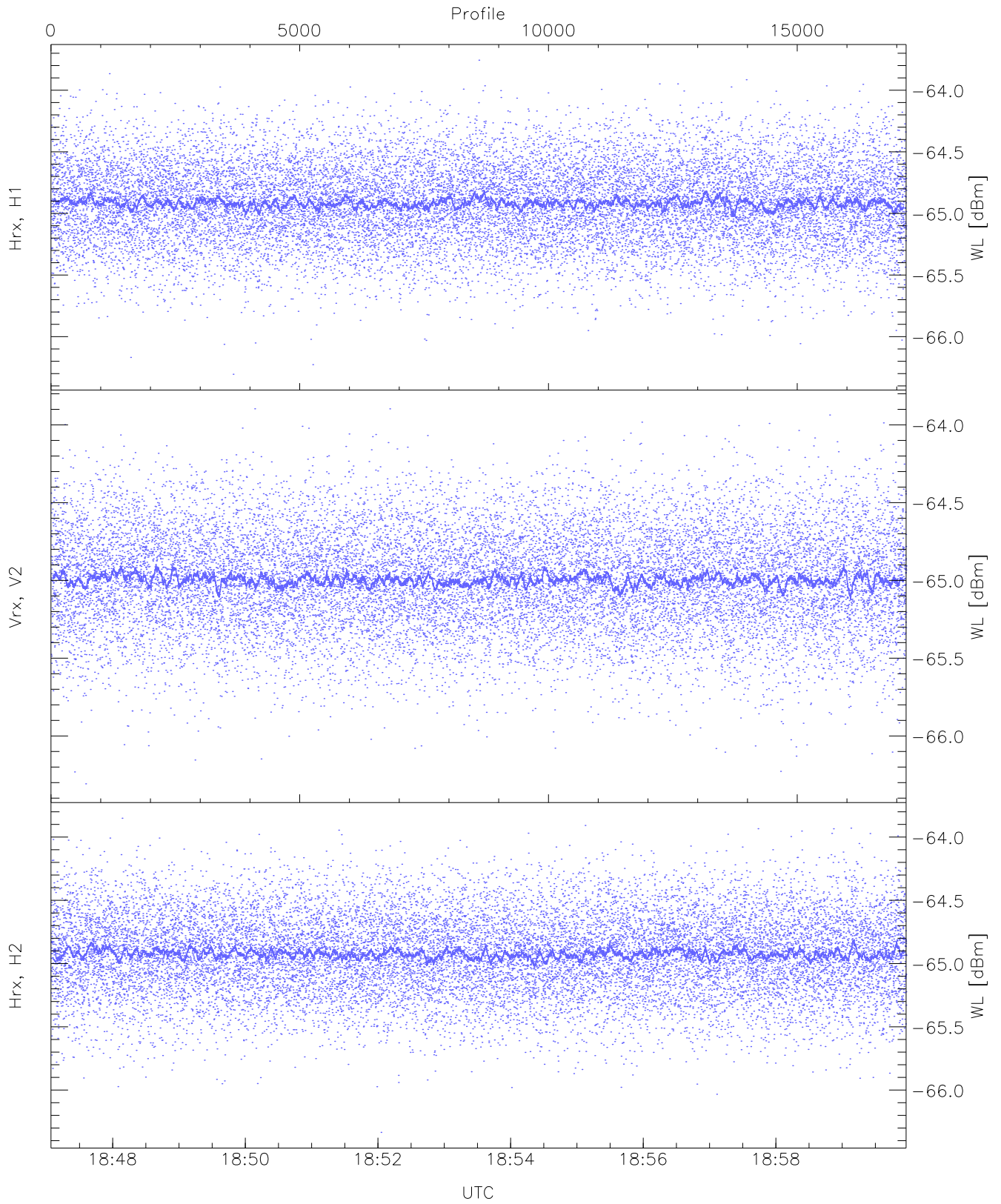
### WCR3 CPP Receivers Gain and Noise Figure

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



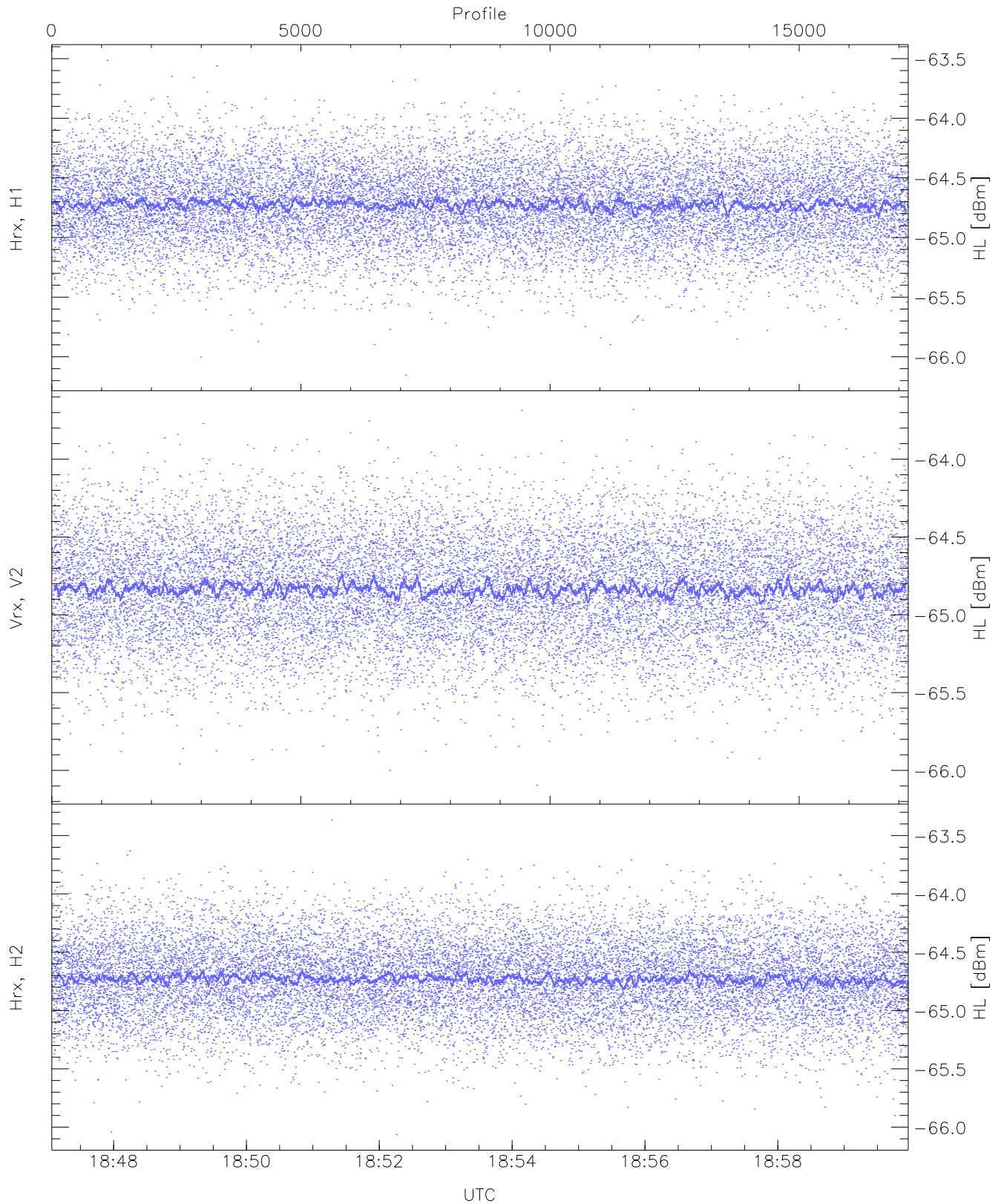
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.50	-65.22	-65.36	-65.36	-86.10
RMPHrxH1 (std_dBm)	-76.21	-74.63	-75.37	-75.38	-89.18
RMPVrxV2 (mean_dBm)	-65.19	-64.92	-65.05	-65.05	-86.10
RMPVrxV2 (std_dBm)	-75.78	-74.42	-75.07	-75.07	-88.85
RMPHrxH2 (mean_dBm)	-65.06	-64.81	-64.94	-64.94	-86.17
RMPHrxH2 (std_dBm)	-75.76	-74.28	-74.95	-74.96	-88.69



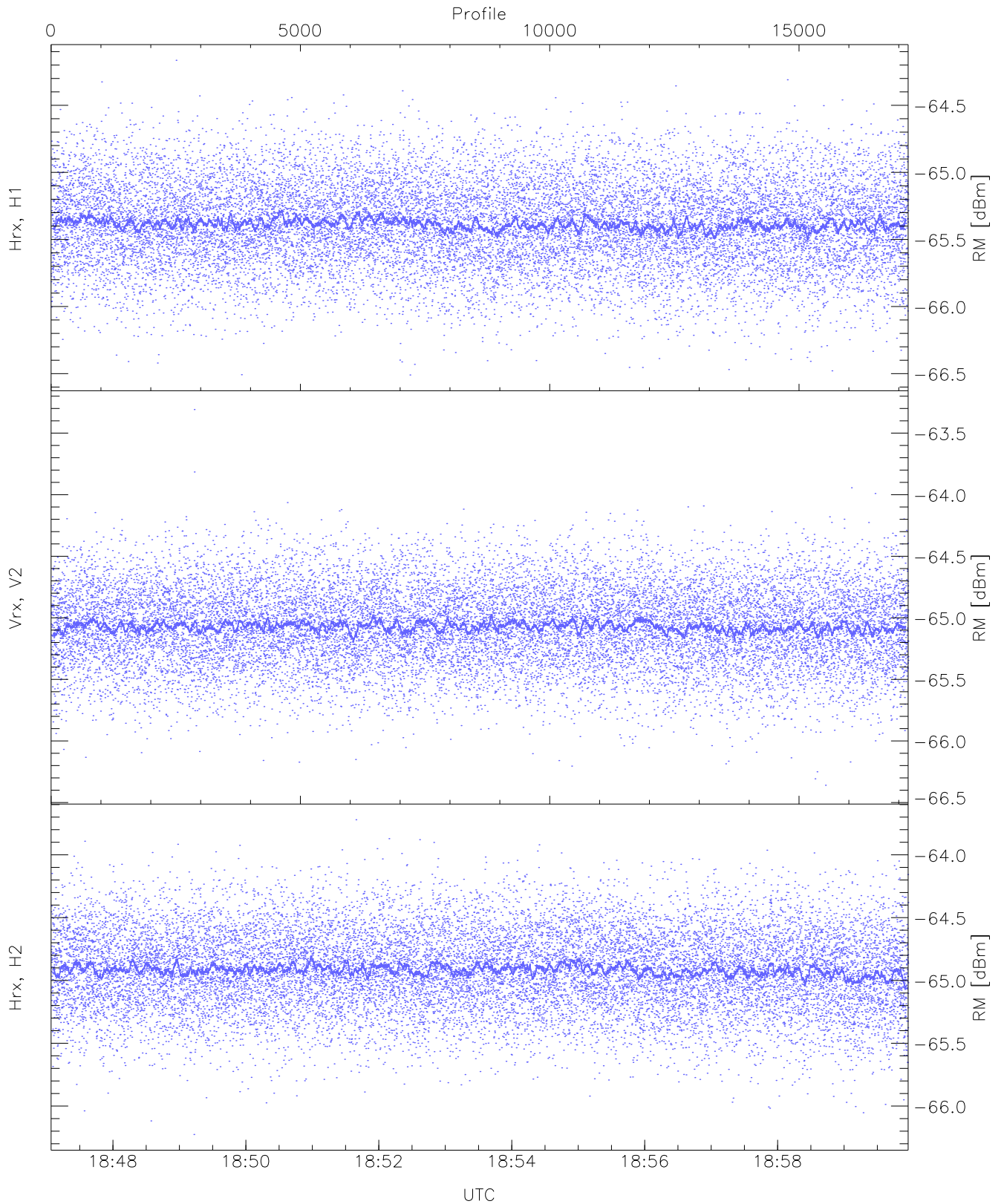
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.31	-63.76	-64.91	-64.92	-76.37
Vrx, V2 (WL [dBm])	-66.31	-63.90	-64.99	-65.00	-76.50
Hrx, H2 (WL [dBm])	-66.33	-63.85	-64.92	-64.92	-76.46



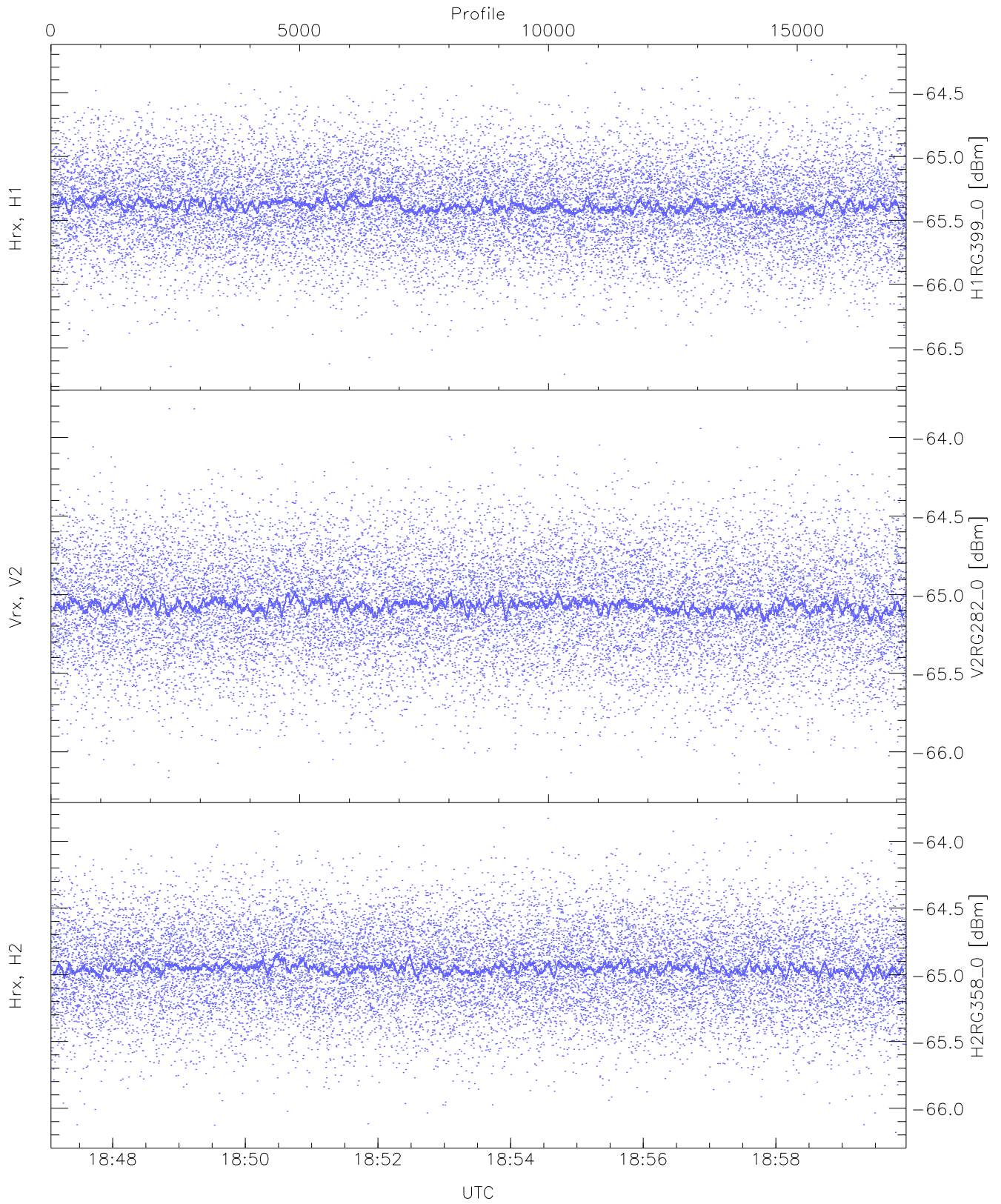
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.15	-63.51	-64.72	-64.72	-76.21
Vrx, V2 (HL [dBm])	-66.10	-63.68	-64.83	-64.83	-76.35
Hrx, H2 (HL [dBm])	-66.06	-63.36	-64.72	-64.73	-76.23



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

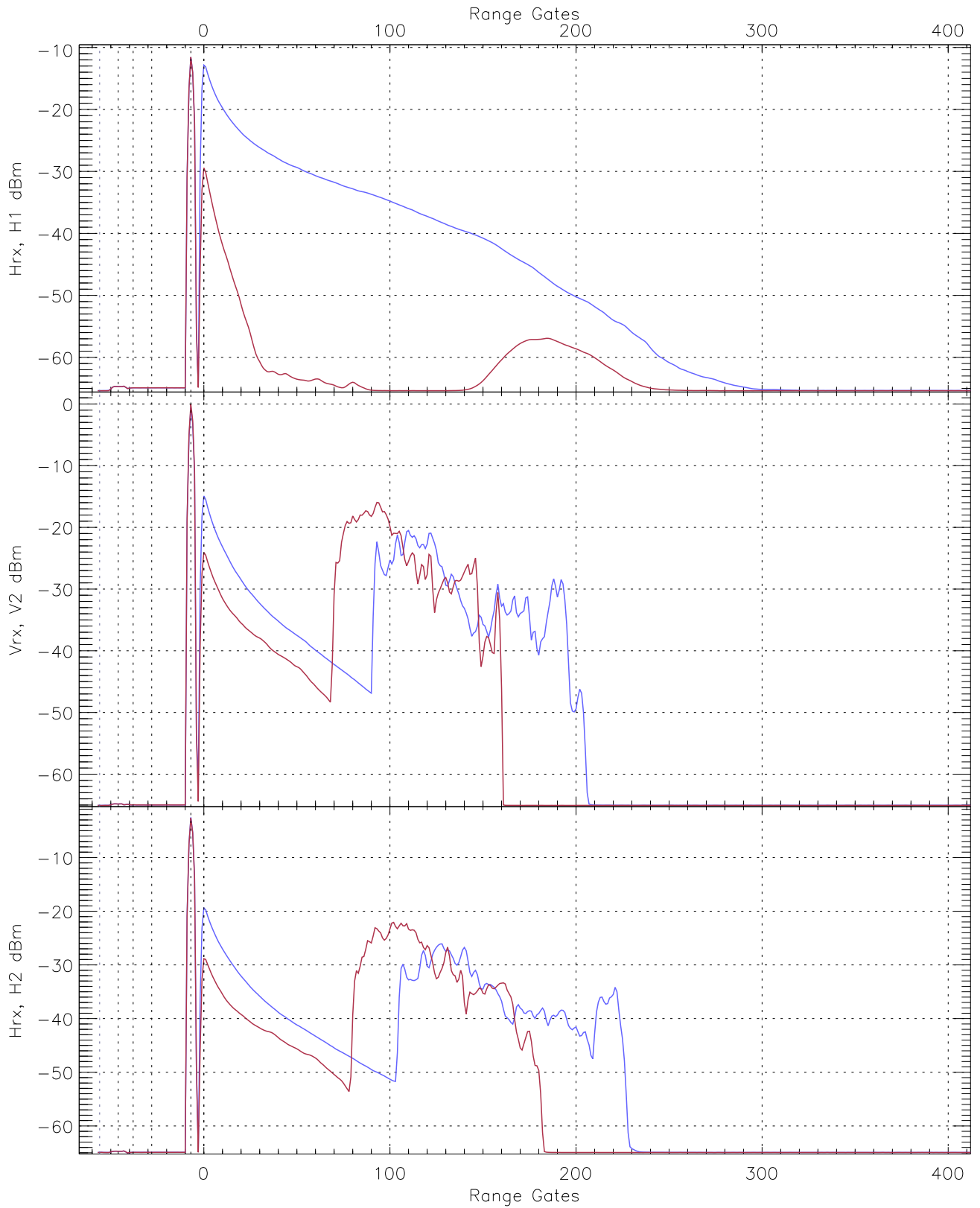
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.51	-64.16	-65.38	-65.39	-76.90
Vrx, V2 (RM [dBm])	-66.36	-63.31	-65.06	-65.07	-76.57
Hrx, H2 (RM [dBm])	-66.23	-63.72	-64.91	-64.92	-76.40



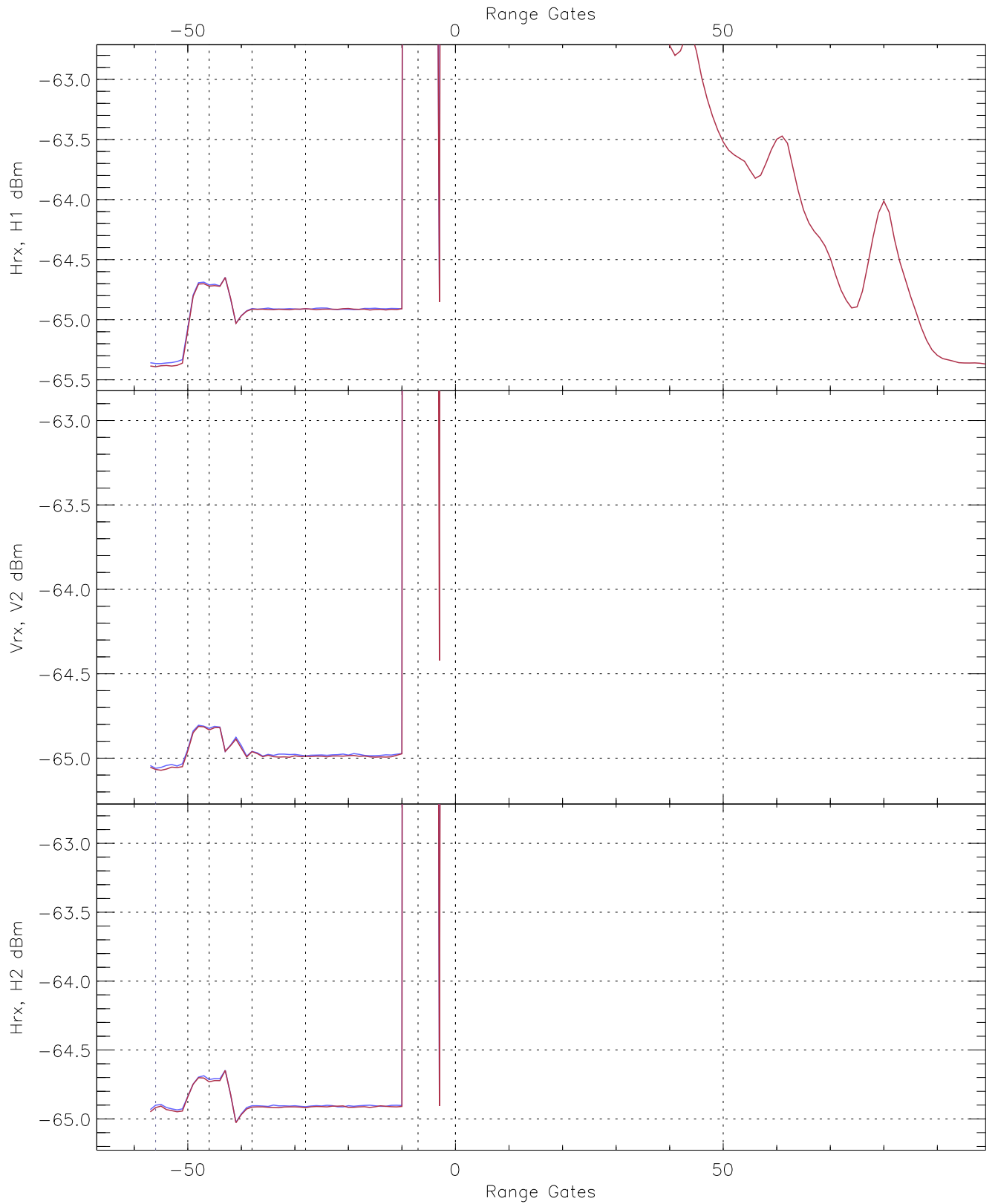
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG399_0 [dBm]	-66.71	-64.25	-65.38	-65.39	-76.89
V2RG282_0 [dBm]	-66.20	-63.82	-65.06	-65.07	-76.58
H2RG358_0 [dBm]	-66.18	-63.83	-64.94	-64.95	-76.49

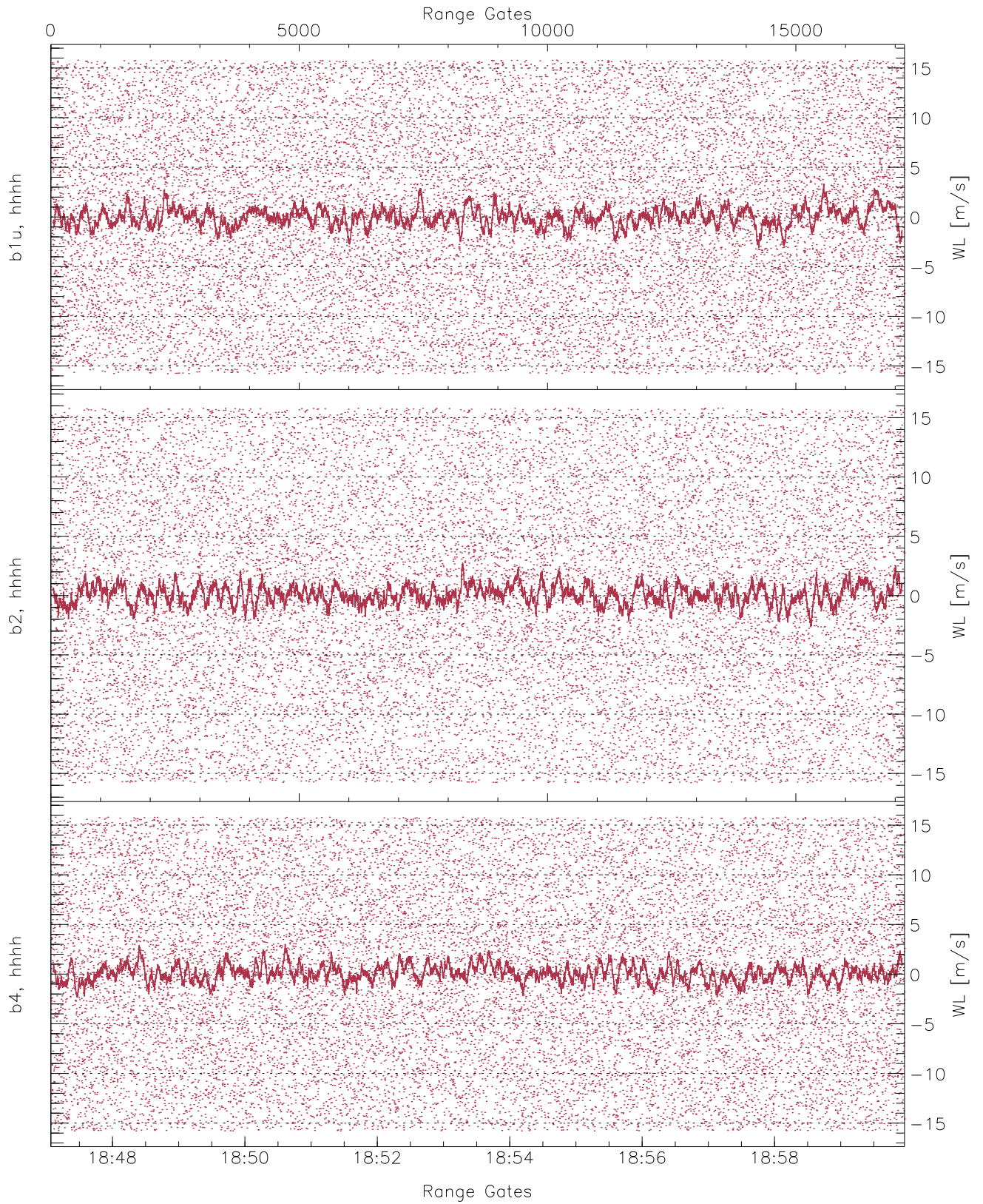




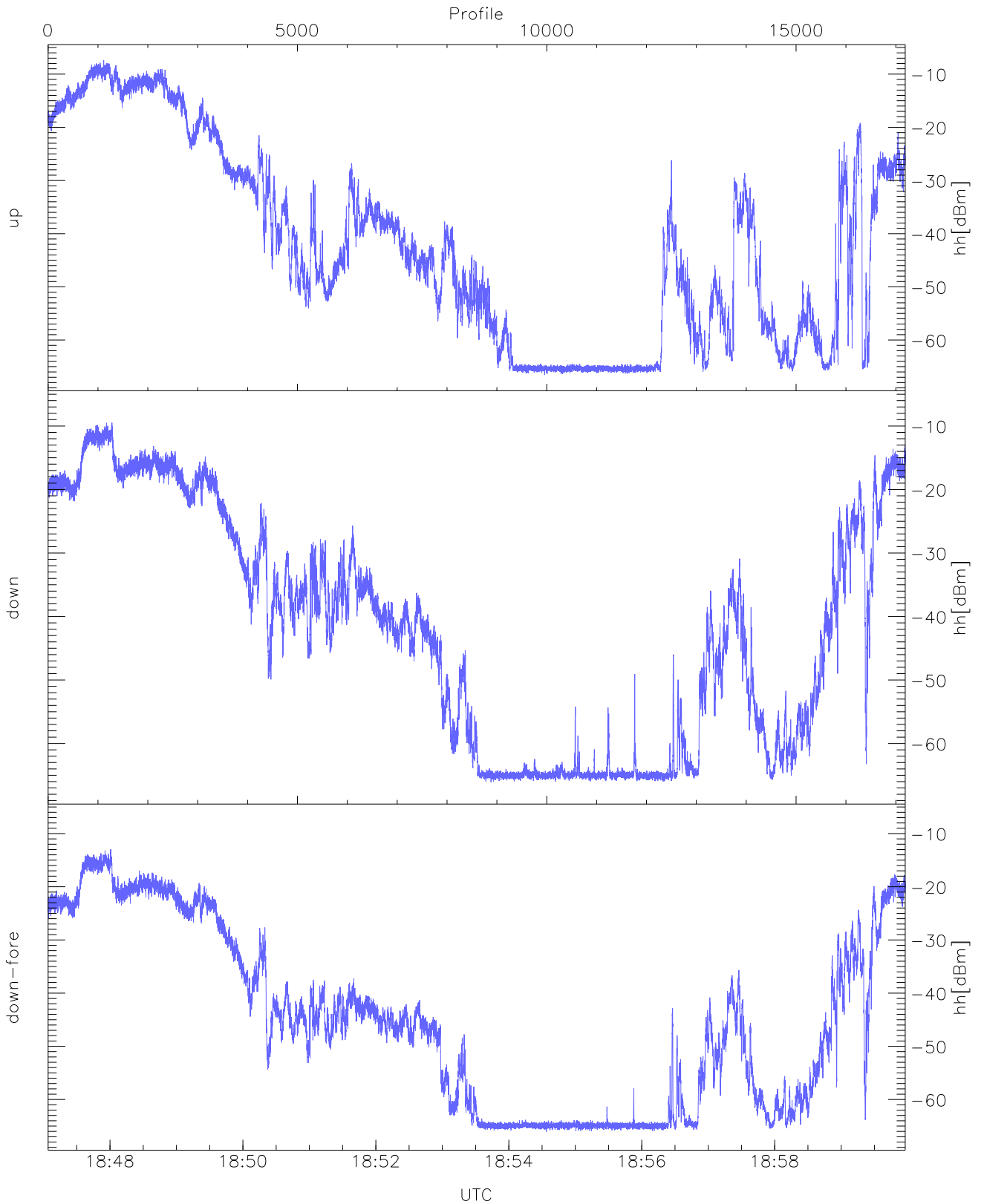
WCR3 CPP Averaged Received power for all recorded gates  
blue: 184704-185331, 8596 profiles averaged  
red: 185331-185958, 8595 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 184704-185331, 8596 profiles averaged  
red: 185331-185958, 8595 profiles averaged

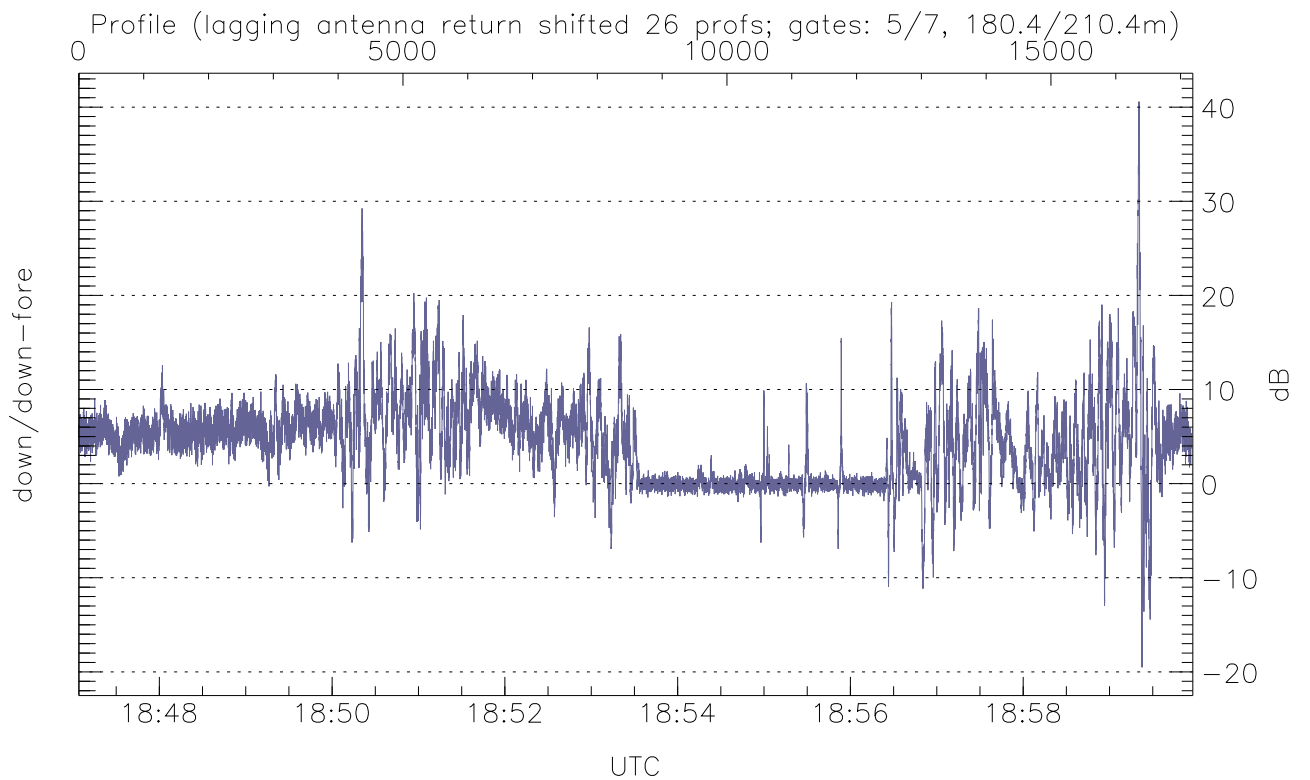
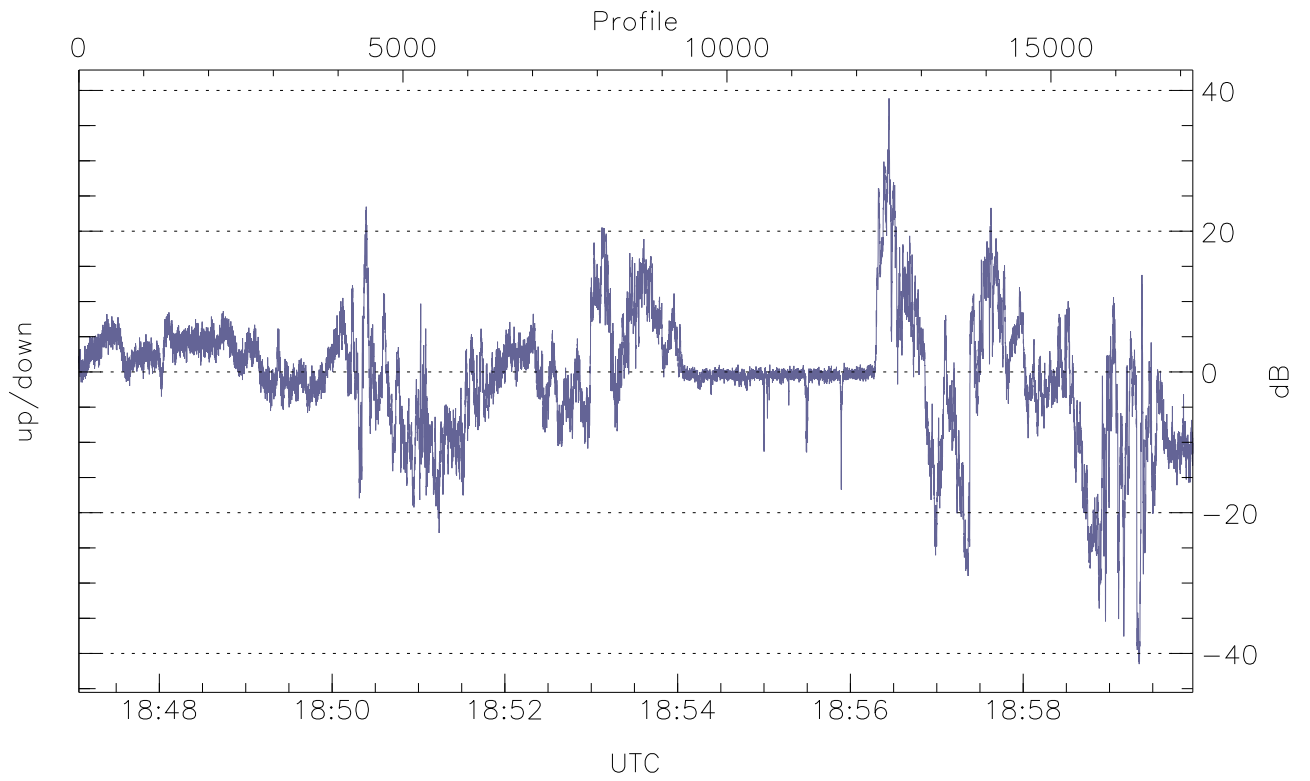


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



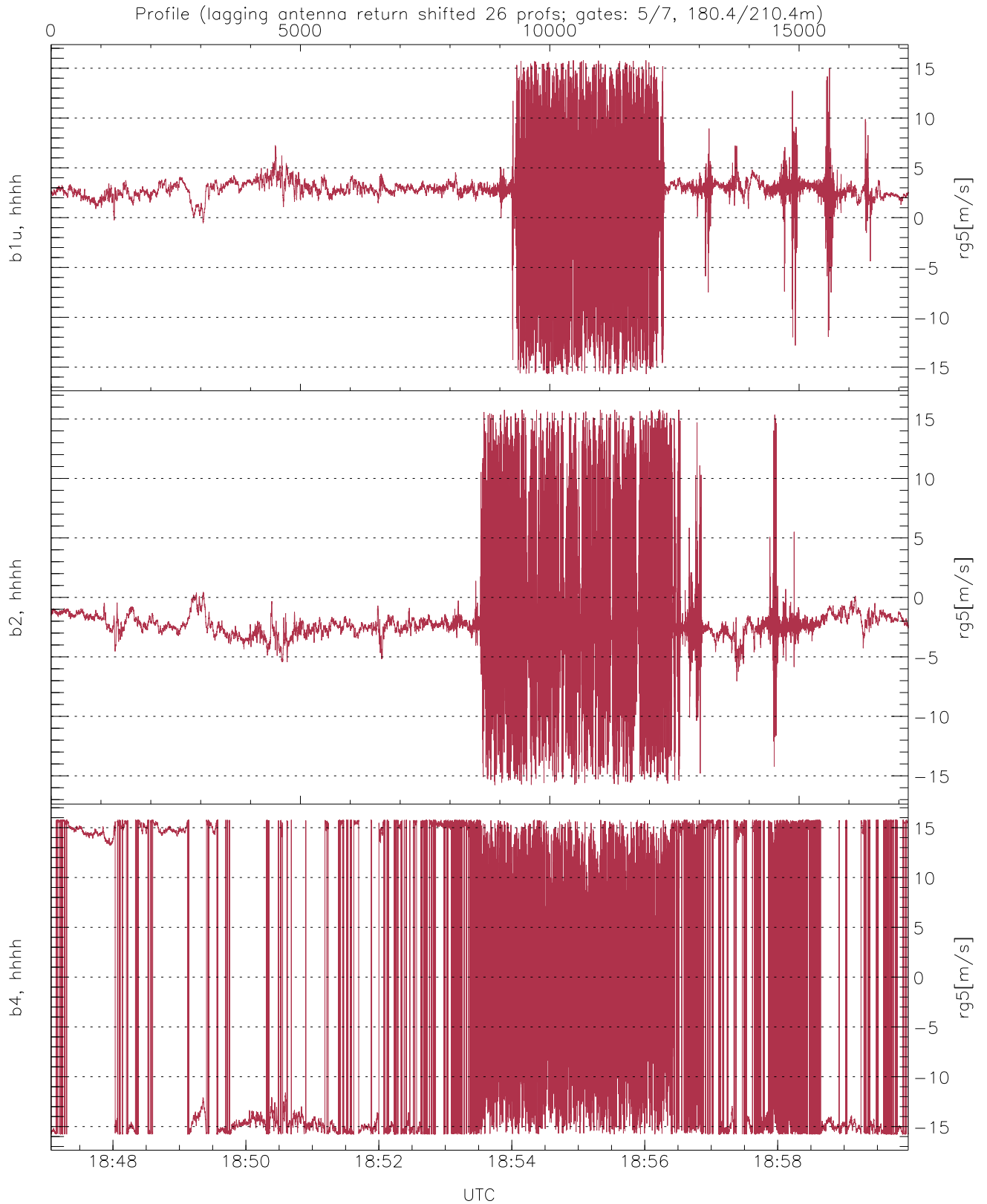
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.58	-7.40	-19.73
down(hh[dBm])	-66.09	-9.47	-22.03
down-fore(hh[dBm])	-66.08	-12.95	-26.03



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

	Min	Max	Mean
up/down (dB)	-41.51	38.88	-0.53
down/down-fore (dB)	-19.51	40.60	4.35



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	2.39	3.70
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.87	3.99
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.34	13.78