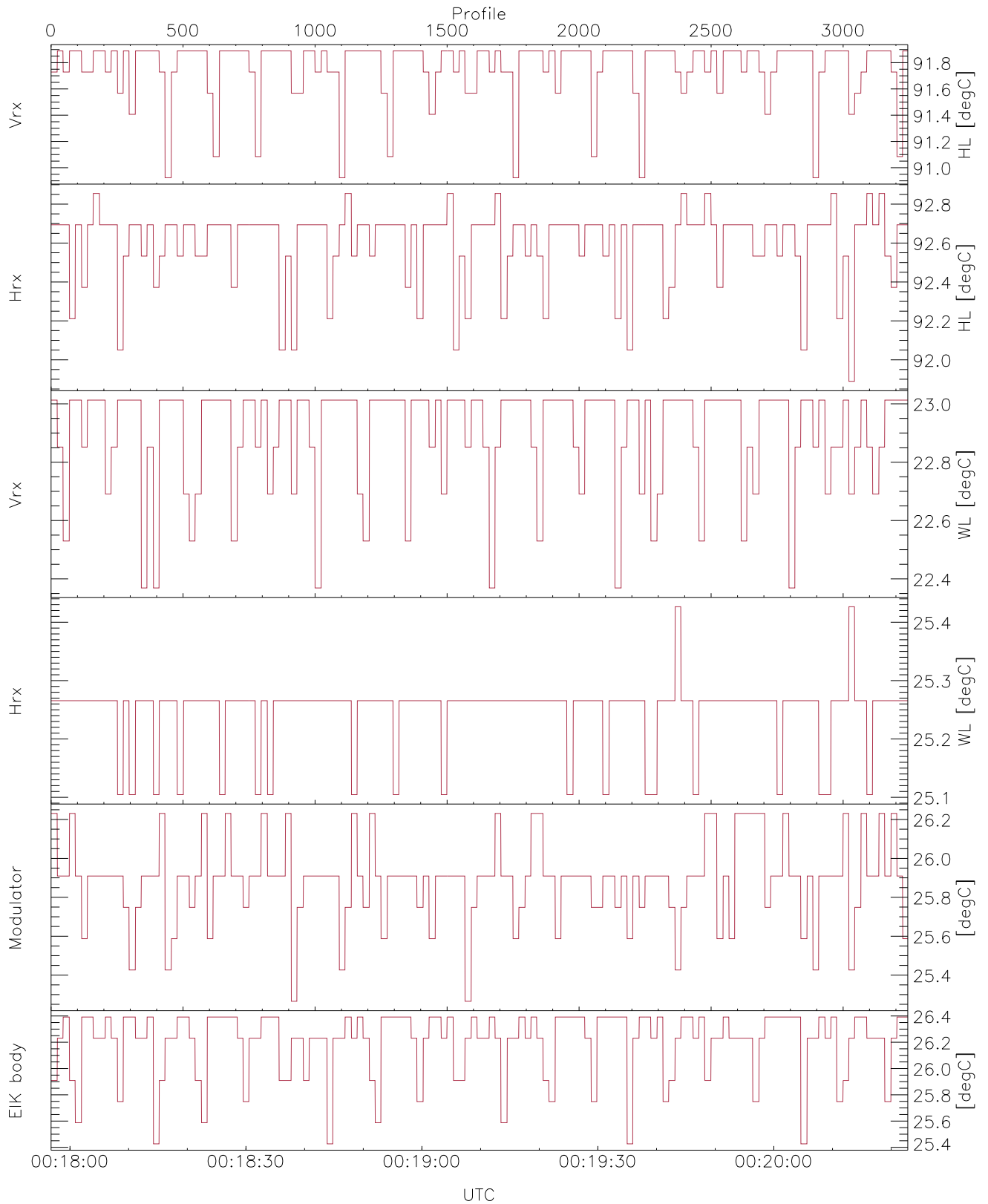


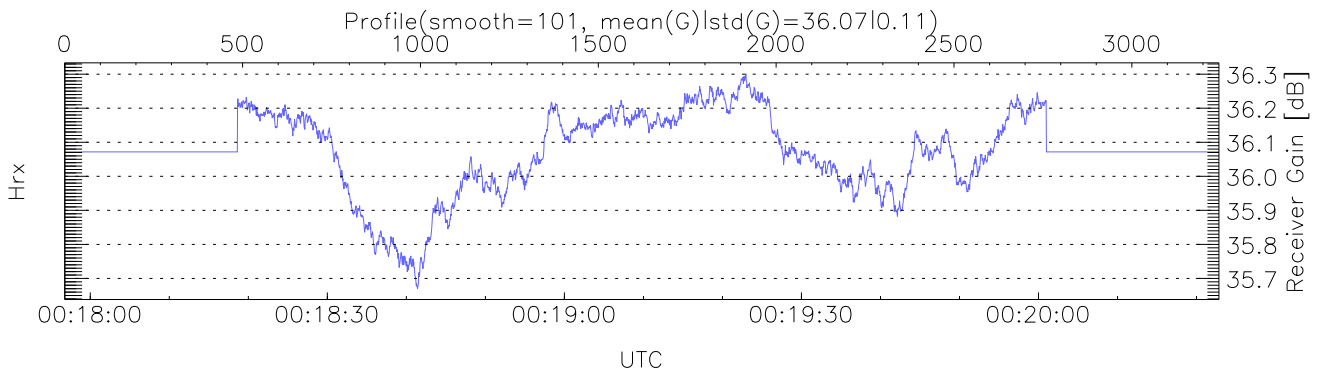
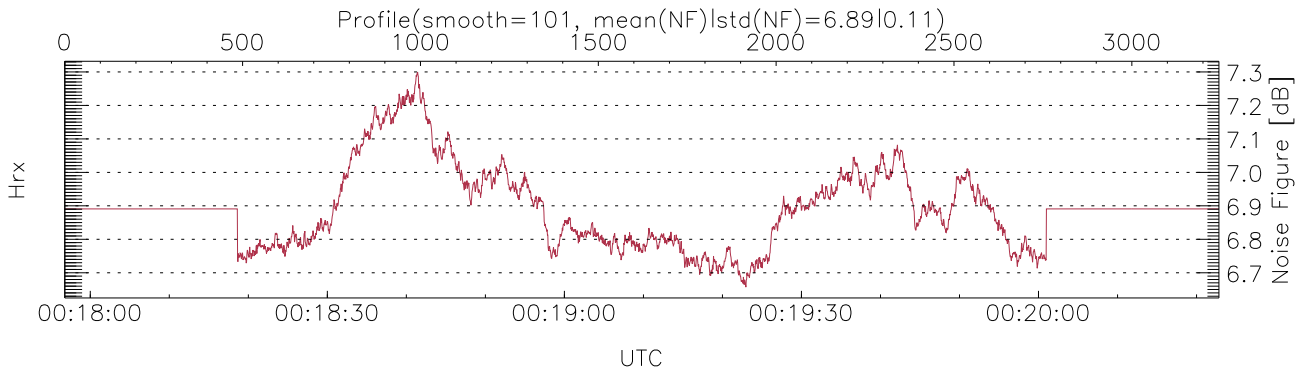
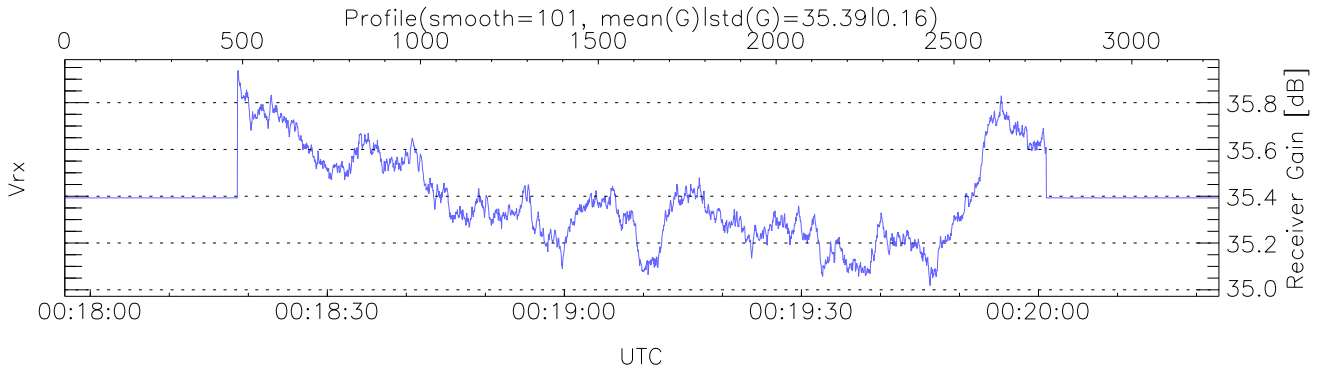
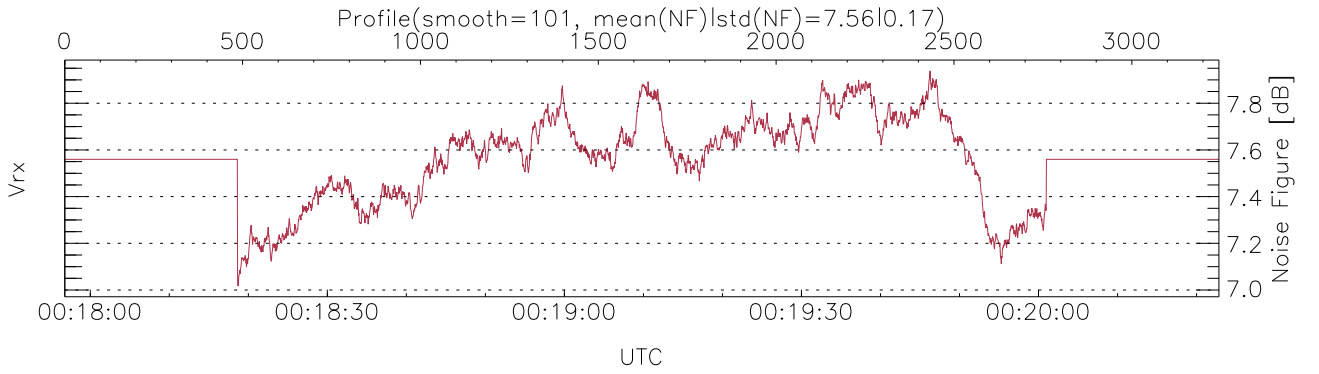
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:17:57-00:20:23, TimeCor: 0.00s, Dur: 146.06s  
 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): 3246/3246, 0-3245/00:17:57-00:20:23  
 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



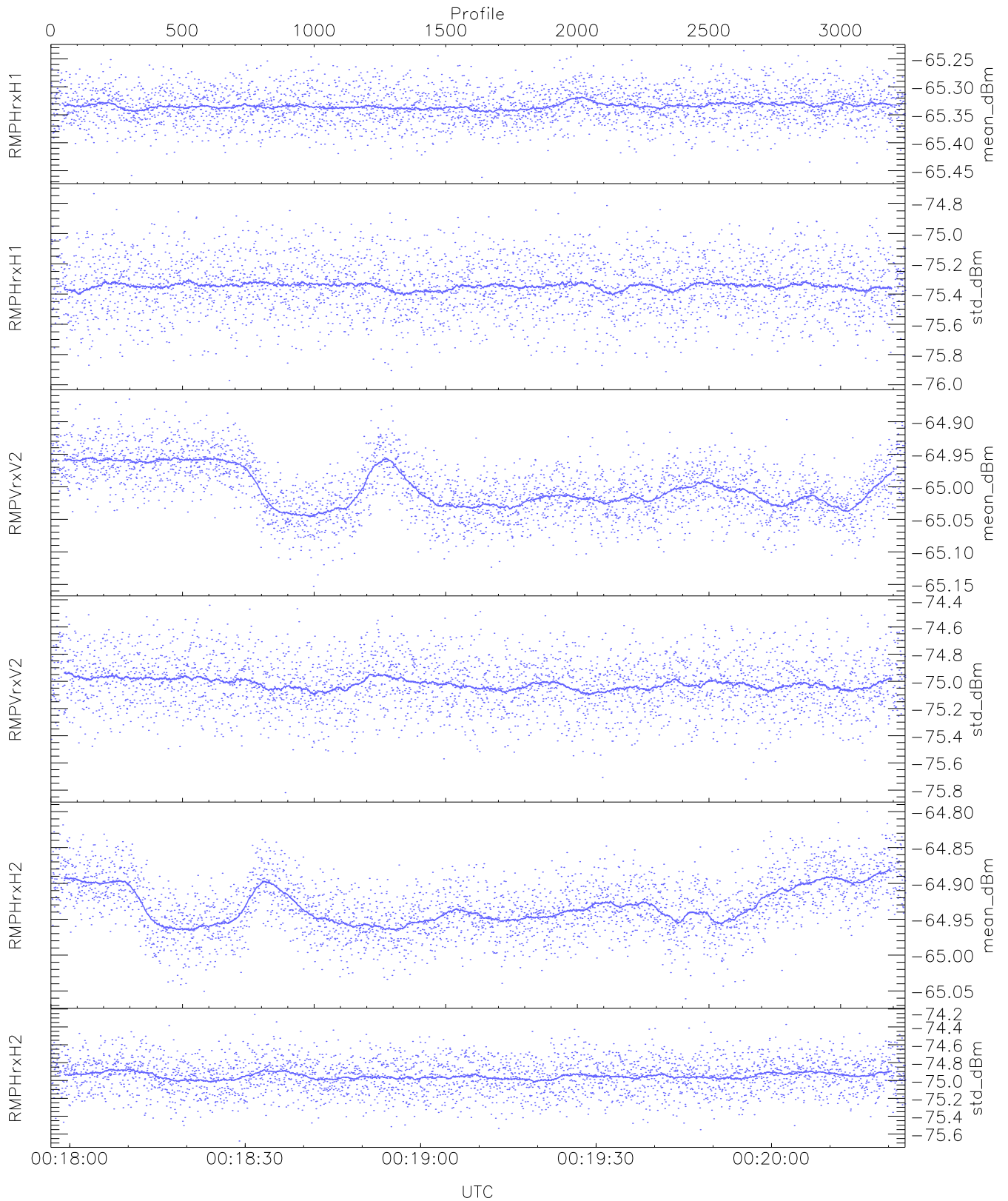
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,25,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



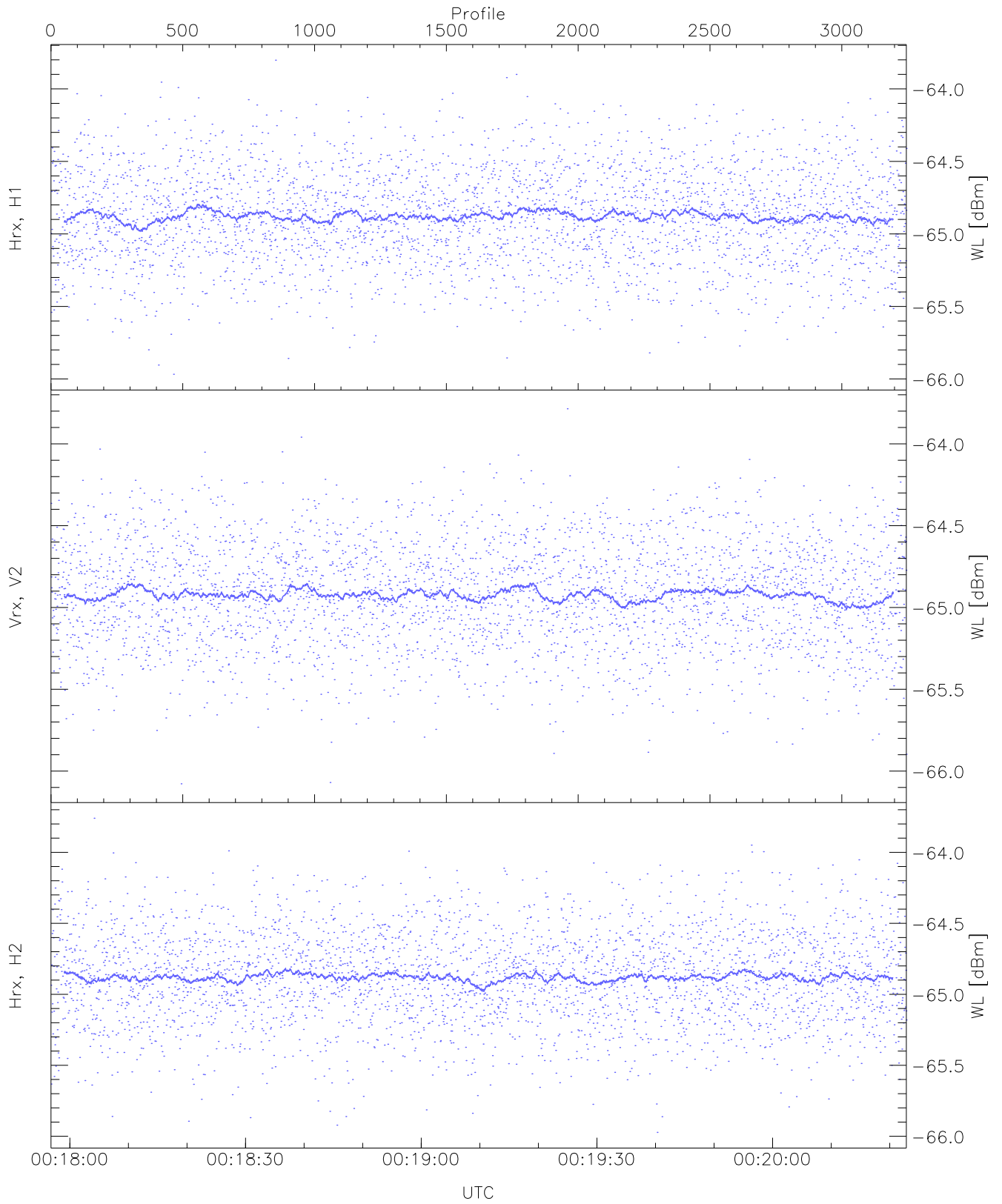
### WCR3 CPP Receivers Gain and Noise Figure

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



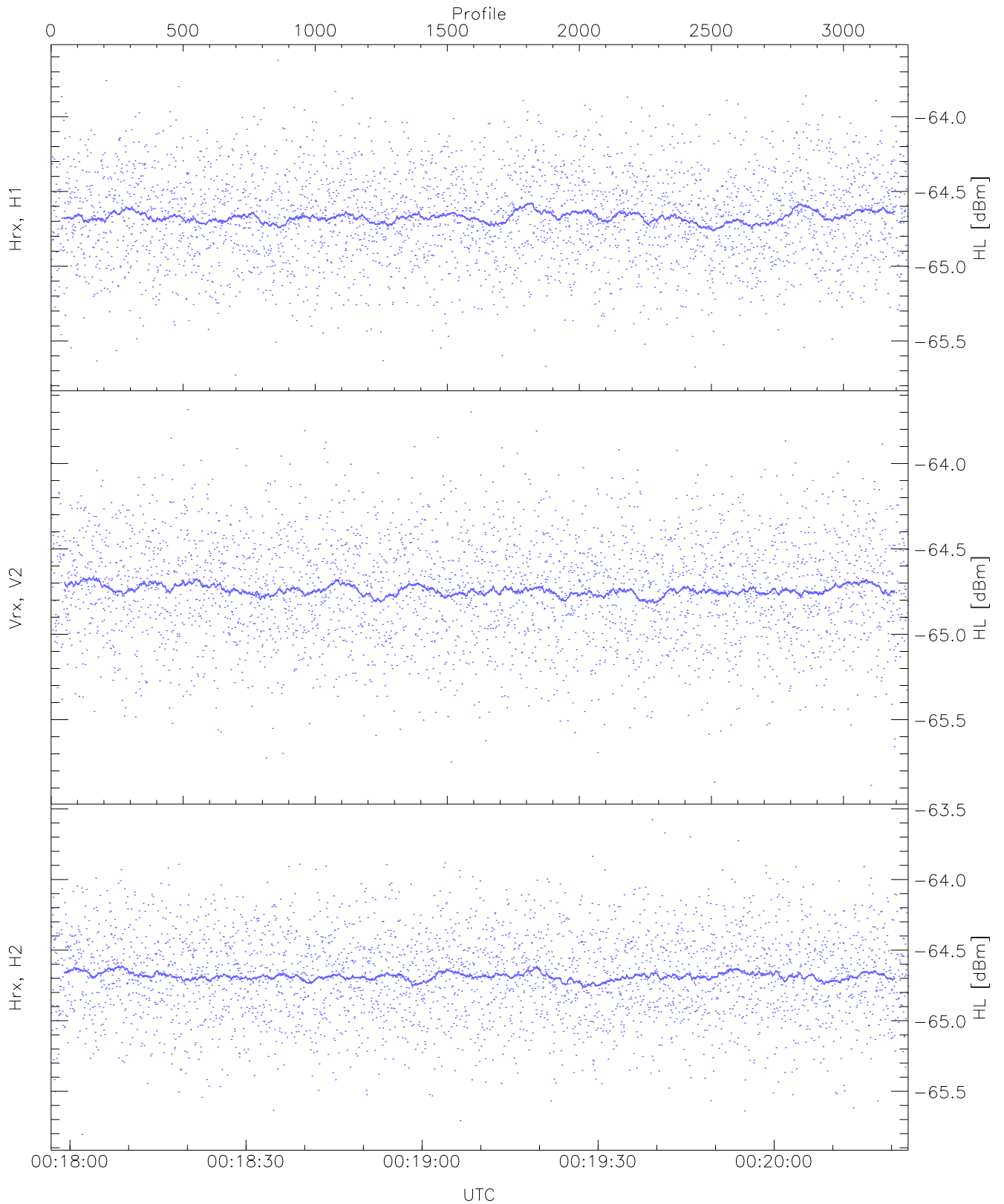
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.46	-65.24	-65.33	-65.33	-86.89
RMPHrxH1 (std_dBm)	-75.97	-74.73	-75.35	-75.35	-89.16
RMPVrxV2 (mean_dBm)	-65.15	-64.87	-65.00	-65.00	-85.08
RMPVrxV2 (std_dBm)	-75.82	-74.44	-75.02	-75.02	-88.62
RMPHrxH2 (mean_dBm)	-65.06	-64.80	-64.93	-64.93	-85.42
RMPHrxH2 (std_dBm)	-75.68	-74.26	-74.95	-74.94	-88.60



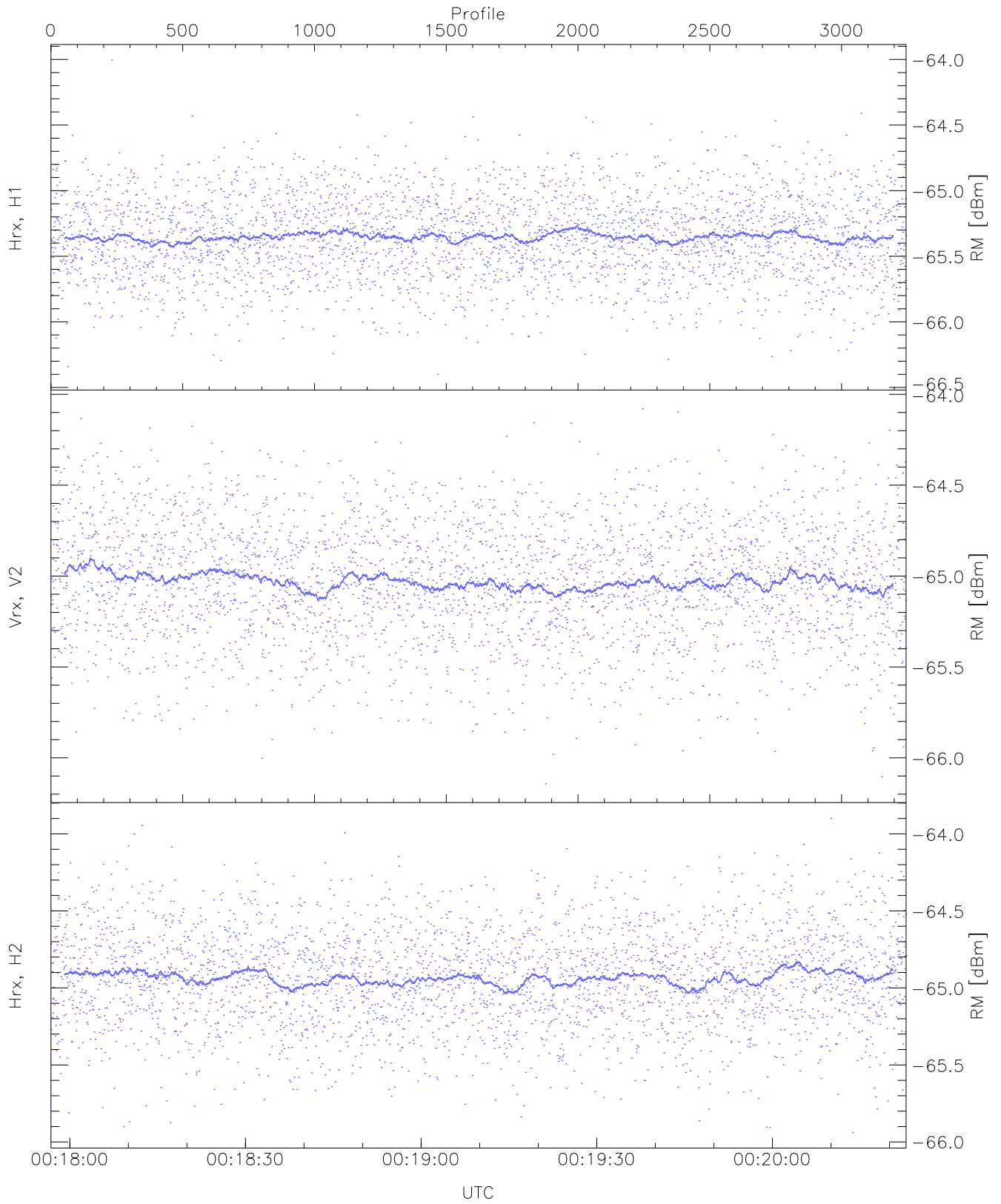
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.97	-63.80	-64.87	-64.88	-76.28
Vrx, V2(WL [dBm])	-66.08	-63.79	-64.91	-64.92	-76.42
Hrx, H2(WL [dBm])	-65.97	-63.76	-64.87	-64.88	-76.31



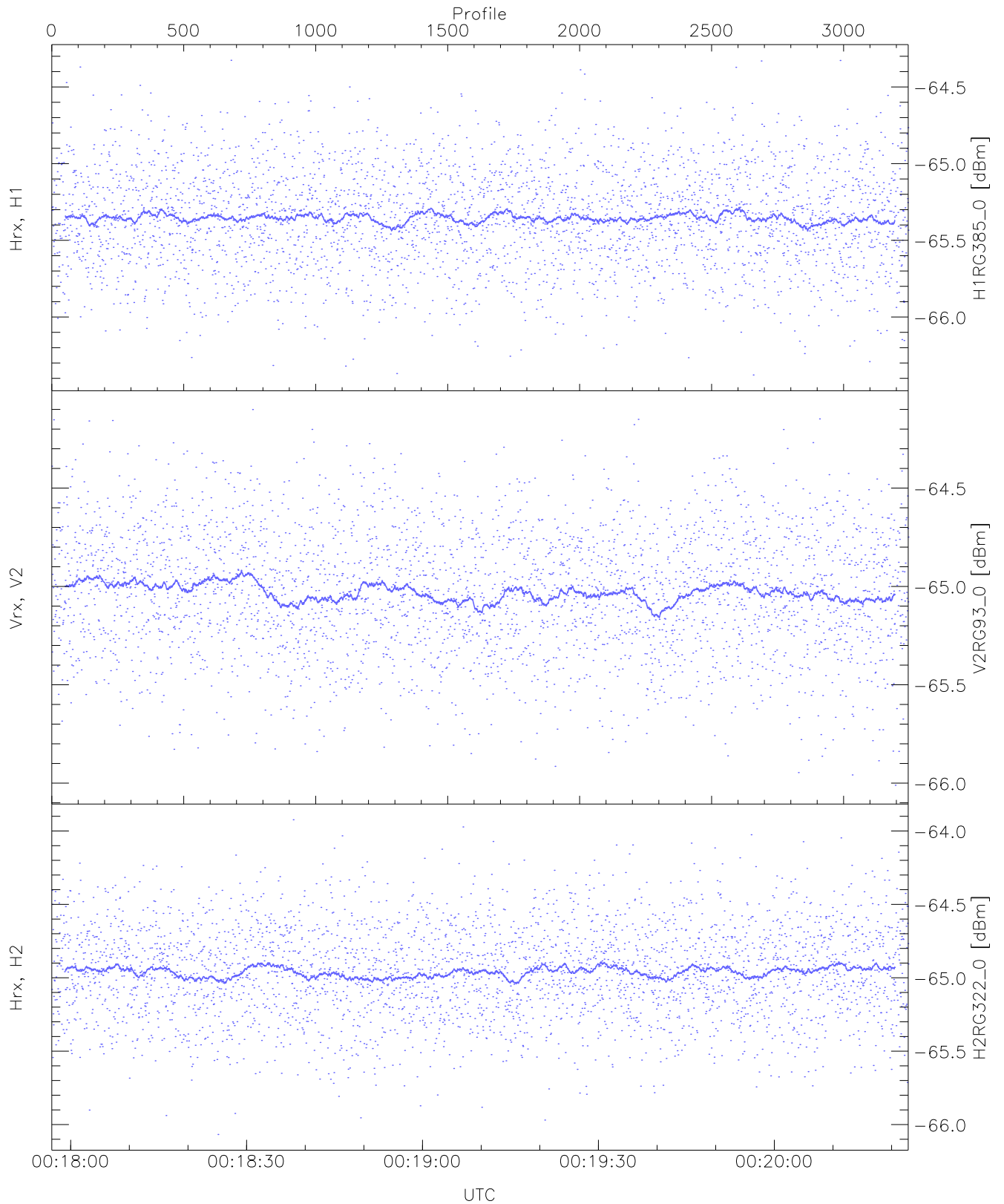
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.73	-63.62	-64.66	-64.67	-76.23
Vrx, V2 (HL [dBm])	-65.88	-63.68	-64.73	-64.74	-76.24
Hrx, H2 (HL [dBm])	-65.81	-63.58	-64.68	-64.68	-76.20



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

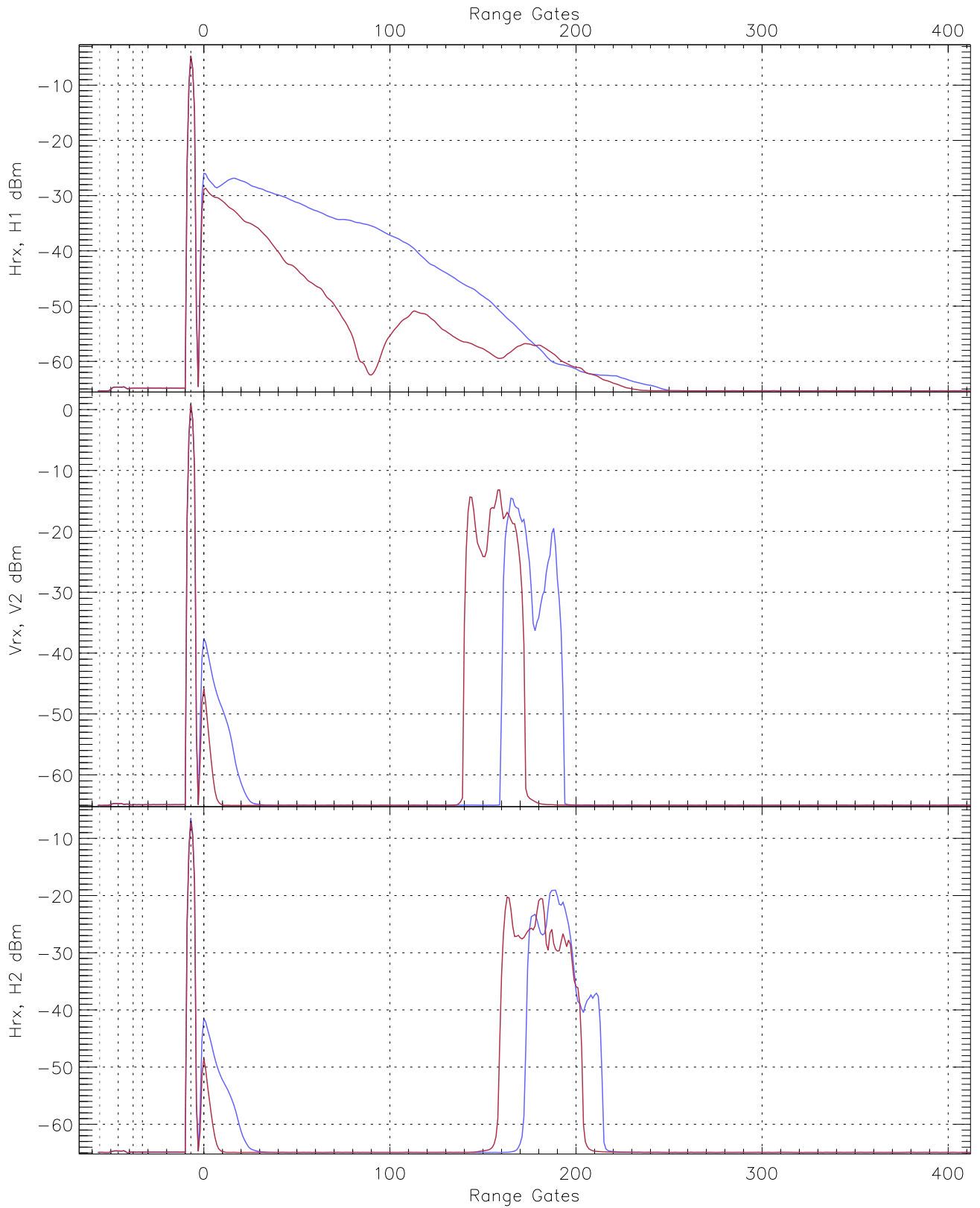
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.40	-64.01	-65.34	-65.36	-76.91
Vrx, V2 (RM [dBm])	-66.14	-64.08	-65.02	-65.03	-76.51
Hrx, H2 (RM [dBm])	-65.94	-63.90	-64.93	-64.93	-76.51



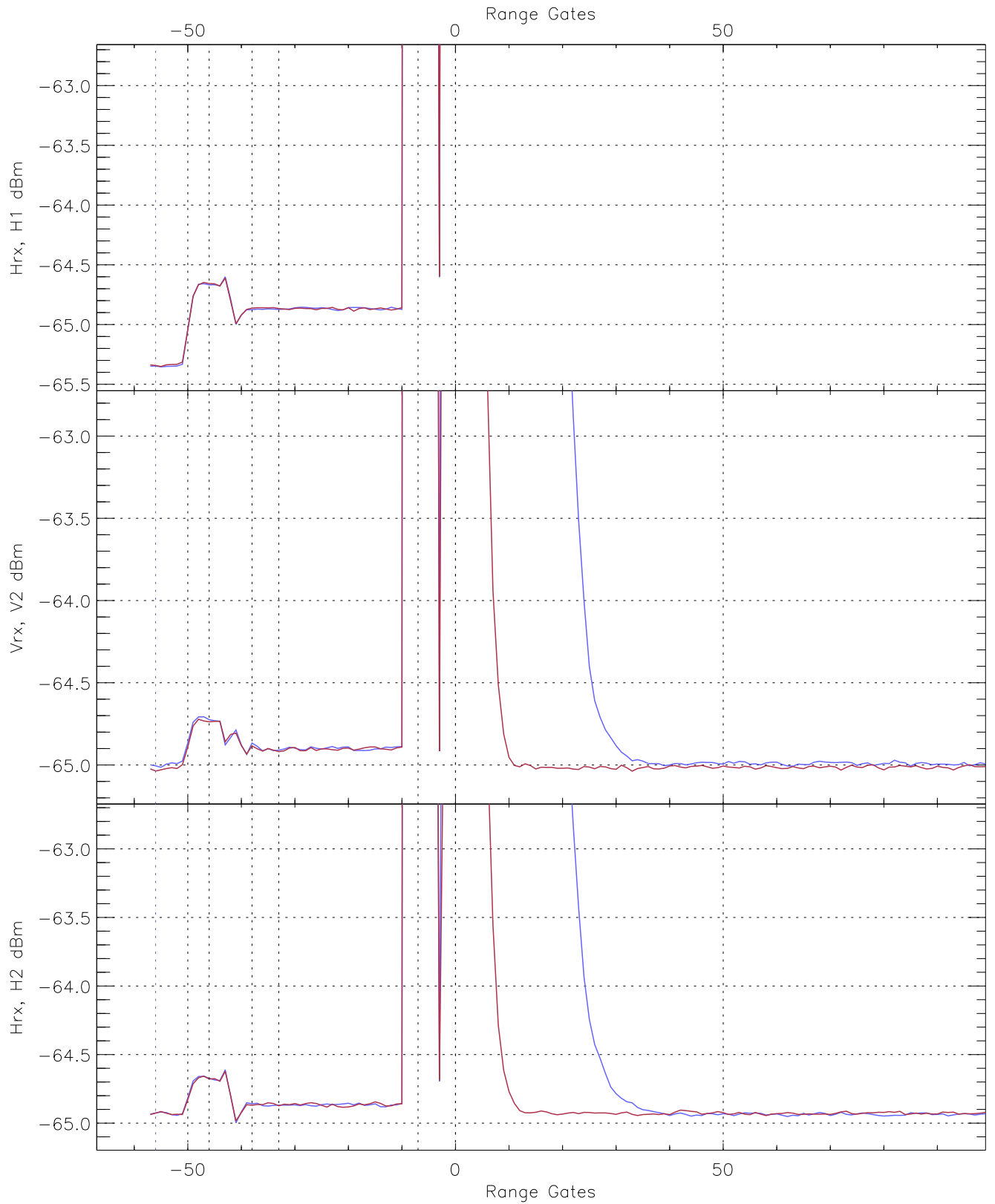
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG385_0 [dBm]	-66.38	-64.33	-65.35	-65.36	-76.76
V2RG93_0 [dBm]	-66.01	-64.10	-65.02	-65.03	-76.57
H2RG322_0 [dBm]	-66.07	-63.92	-64.95	-64.96	-76.44

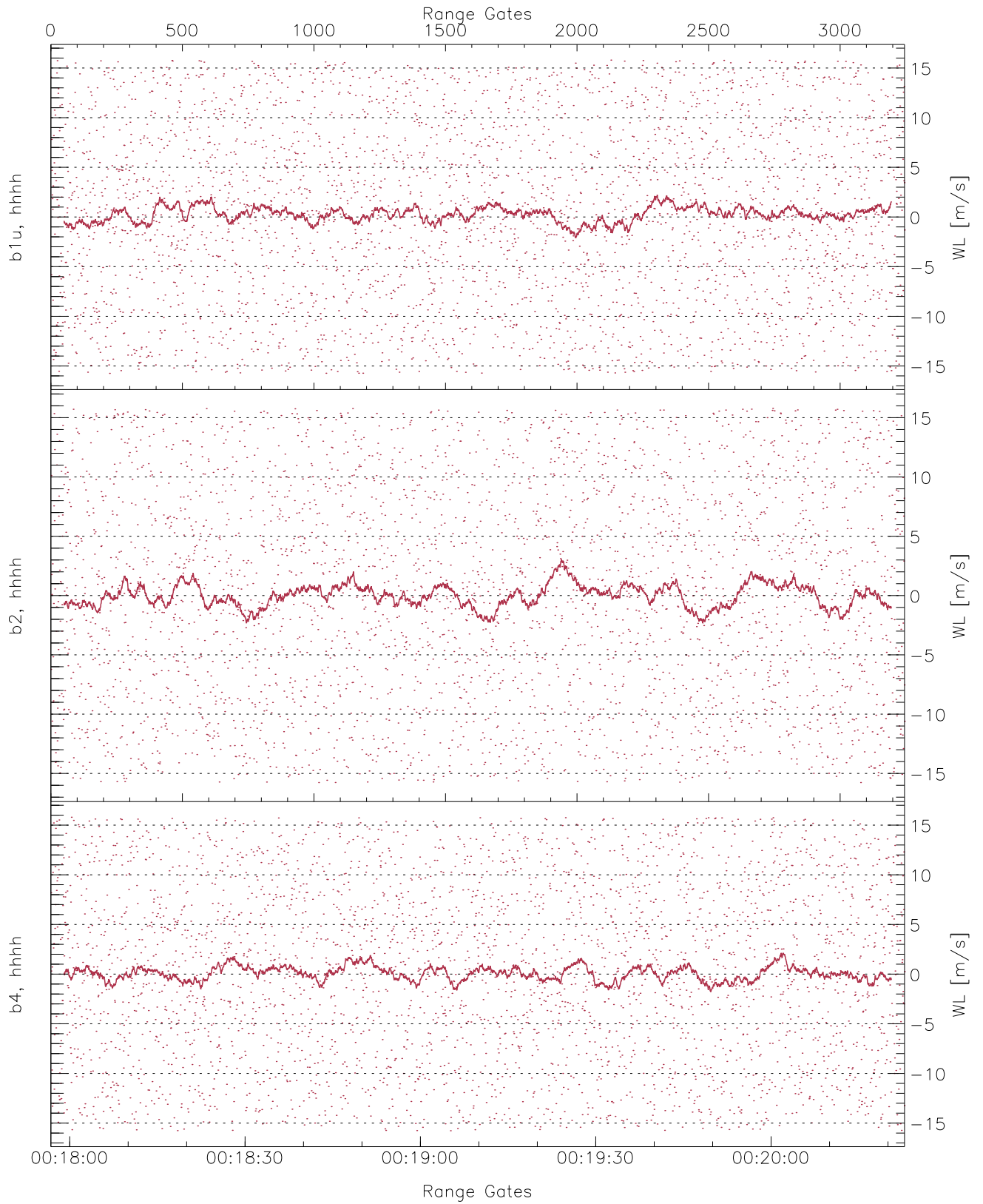




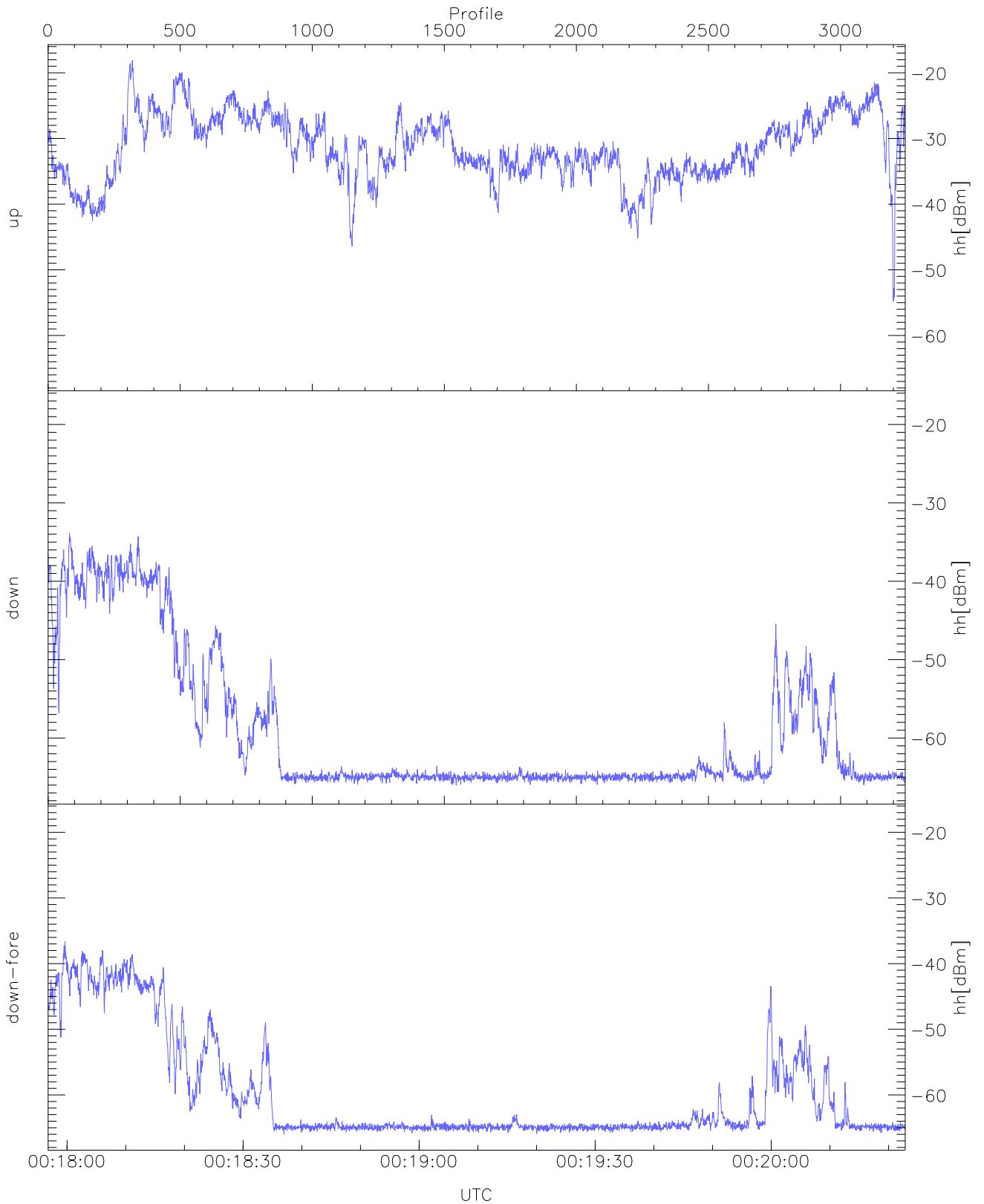
WCR3 CPP Averaged Received power for all recorded gates  
blue: 001757-001910, 1624 profiles averaged  
red: 001910-002023, 1623 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 001757-001910, 1624 profiles averaged  
red: 001910-002023, 1623 profiles averaged

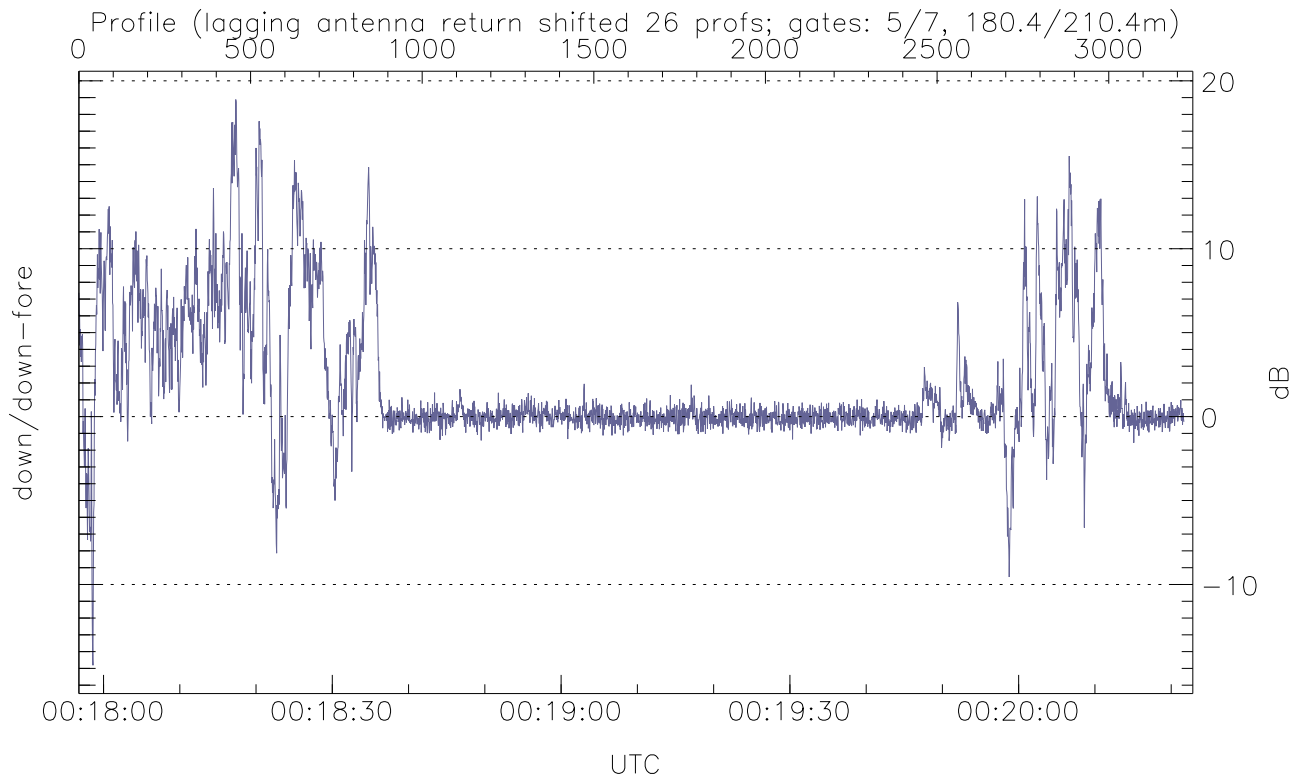
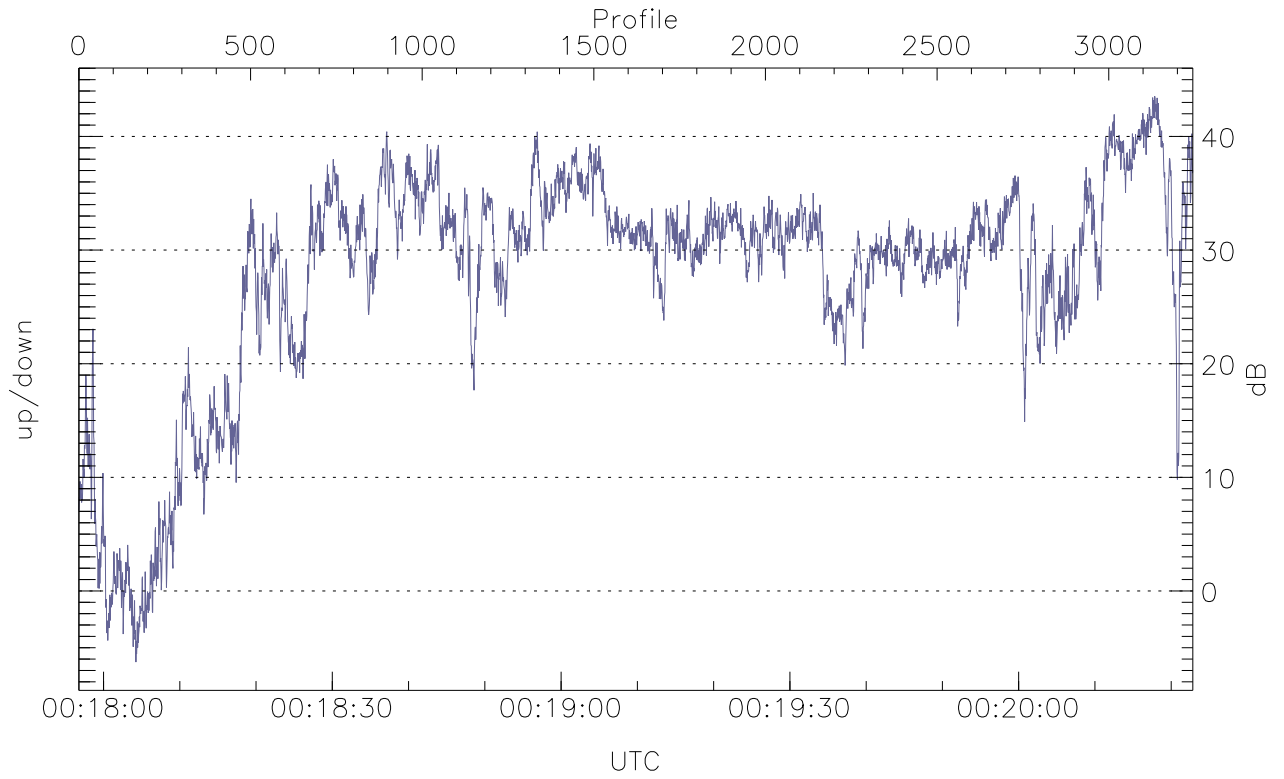


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



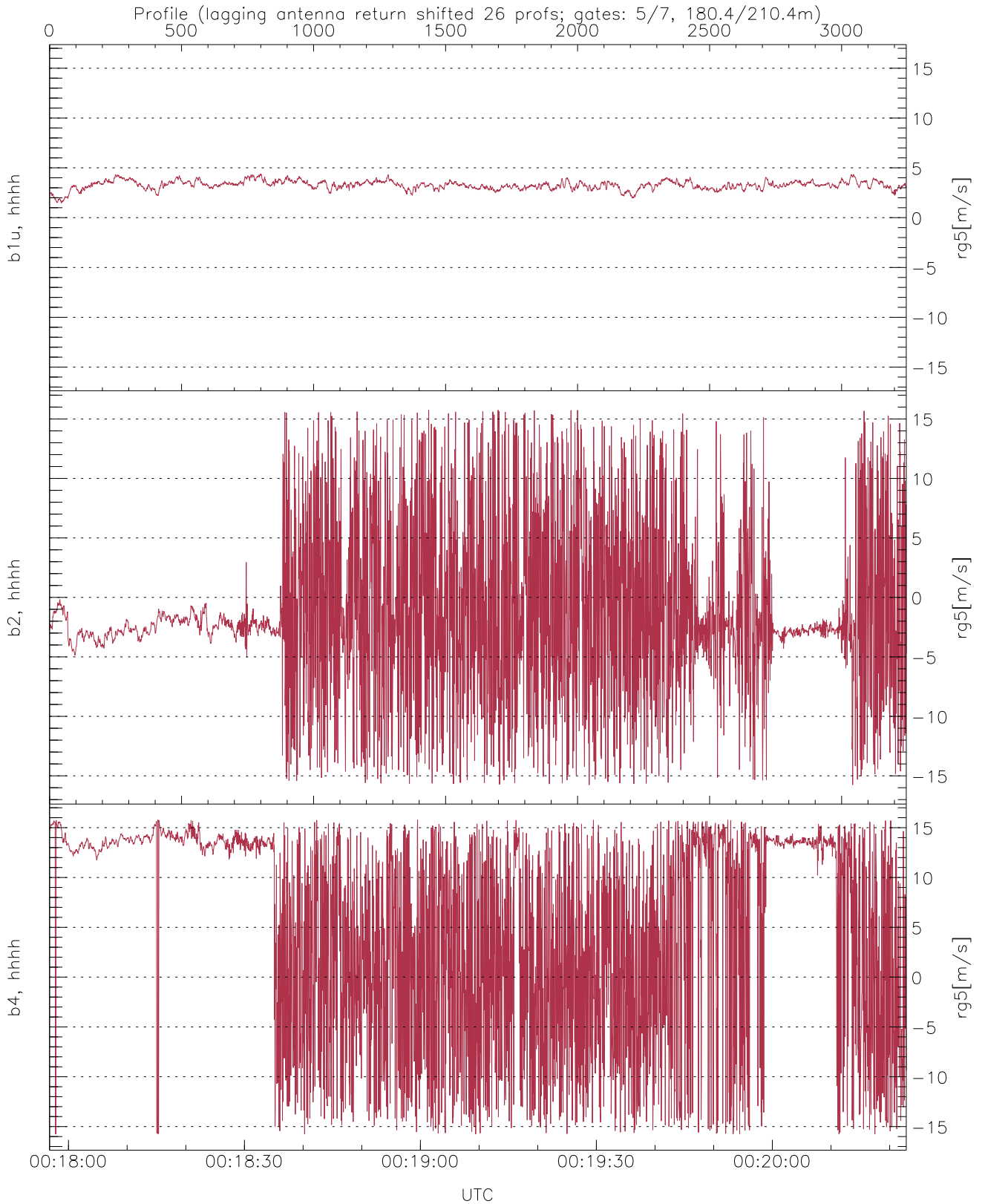
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-54.78	-18.09	-28.94
down(hh[dBm])	-66.01	-33.85	-47.26
down-fore(hh[dBm])	-66.02	-36.58	-50.08



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

	Min	Max	Mean
up/down (dB)	-6.26	43.54	27.82
down/down-fore (dB)	-14.81	18.89	1.94



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.47	4.37	3.26	0.44
b2, hhhh(rg5[m/s])	-15.76	15.75	-1.49	6.52
b4, hhhh(rg5[m/s])	-15.76	15.79	5.62	9.94