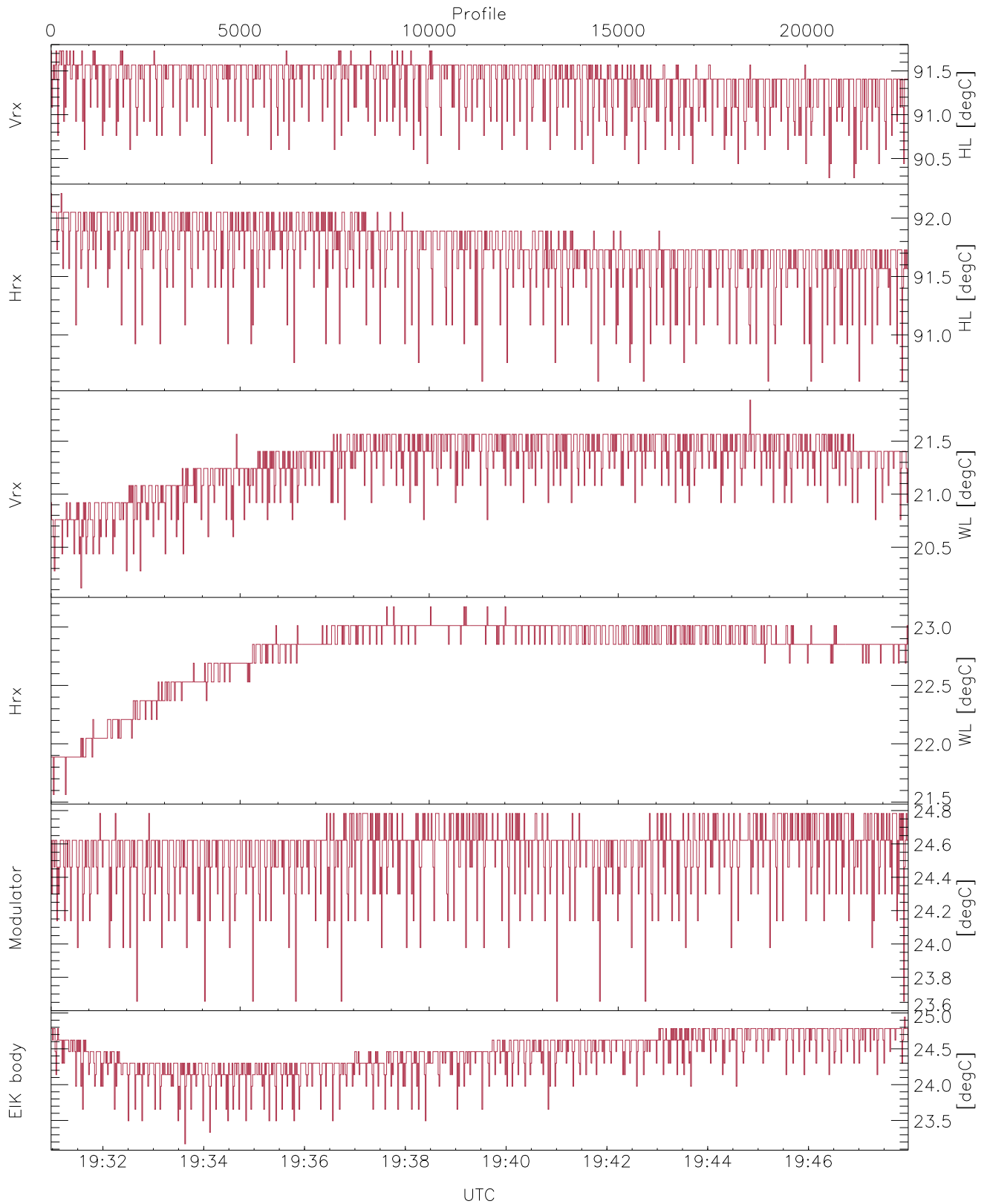


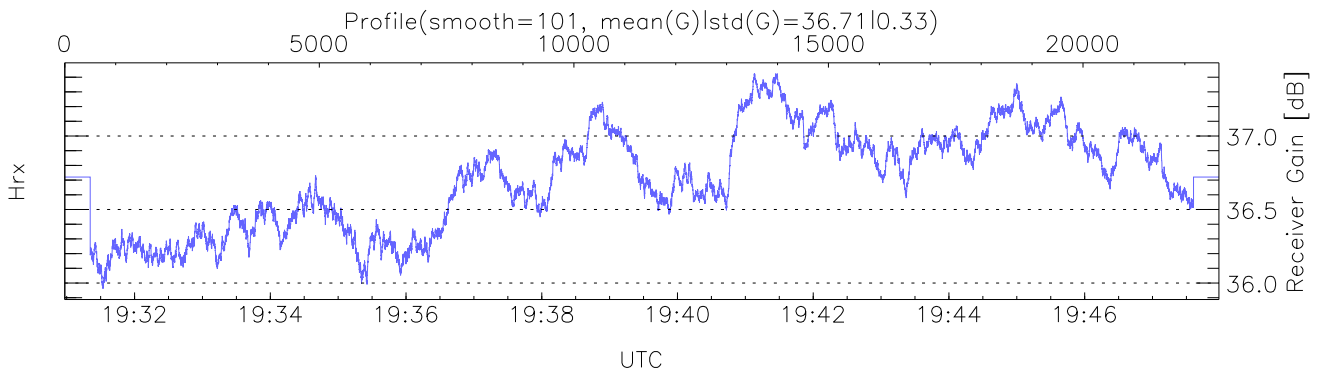
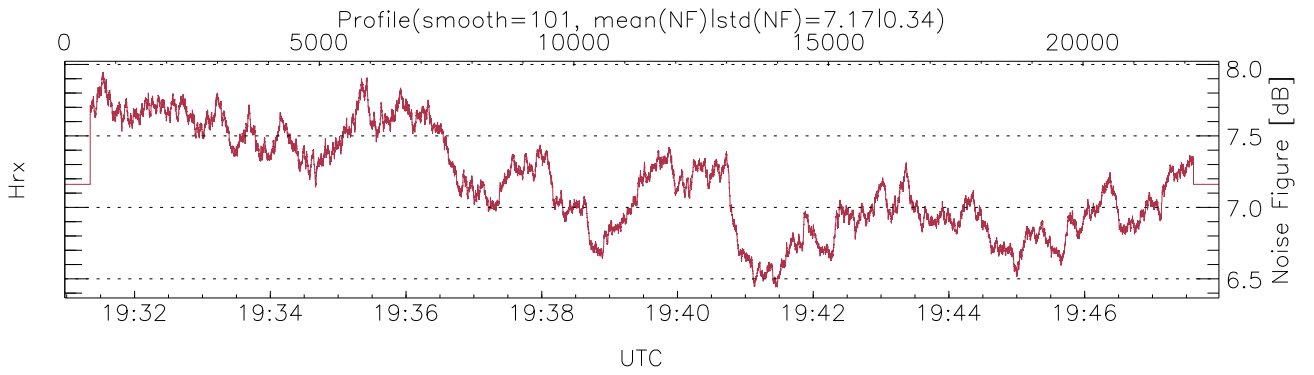
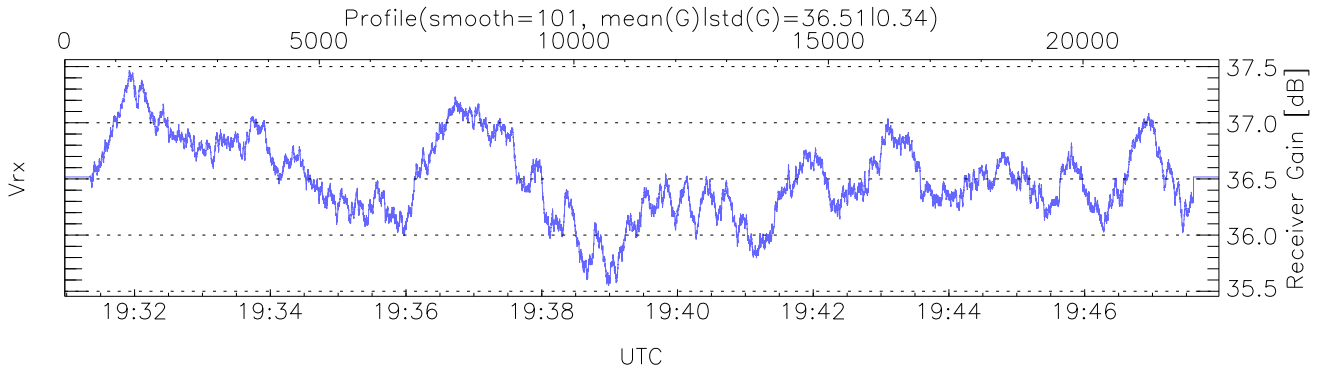
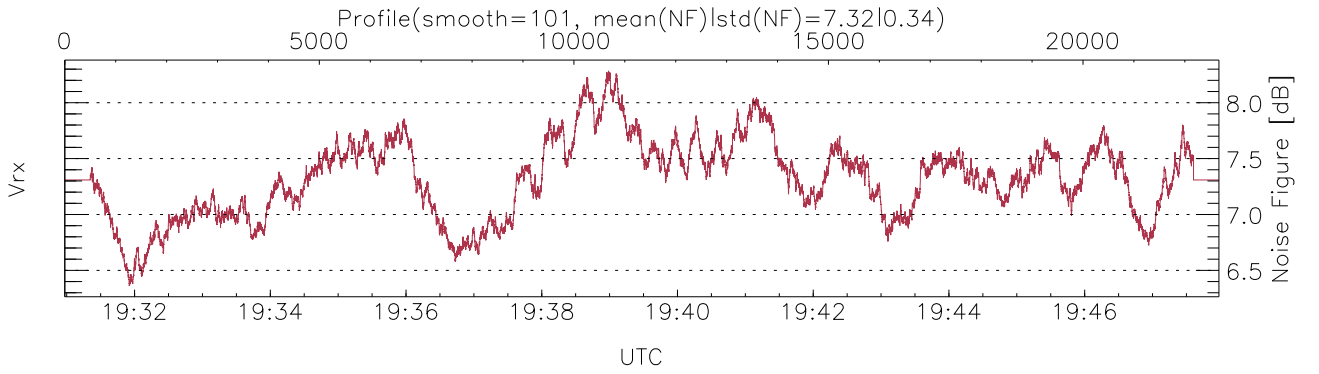
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:30:58-19:47:59, TimeCor: 0.00s, Dur: 1020.45s  
 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): 22672/22672, 0-22671/19:30:58-19:47:59  
 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



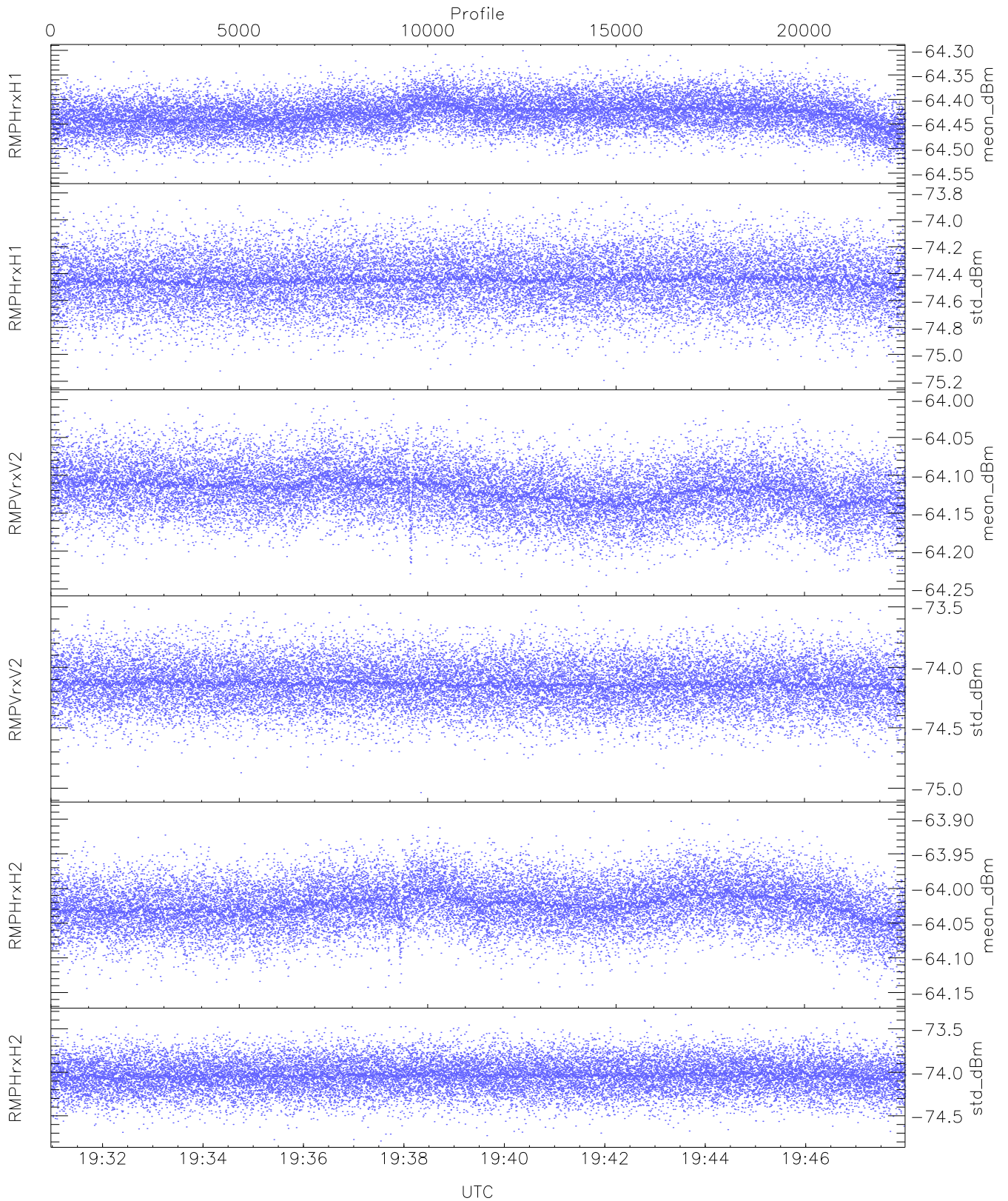
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,90,20,21,23,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,24,24
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,275,68,22,22)
```



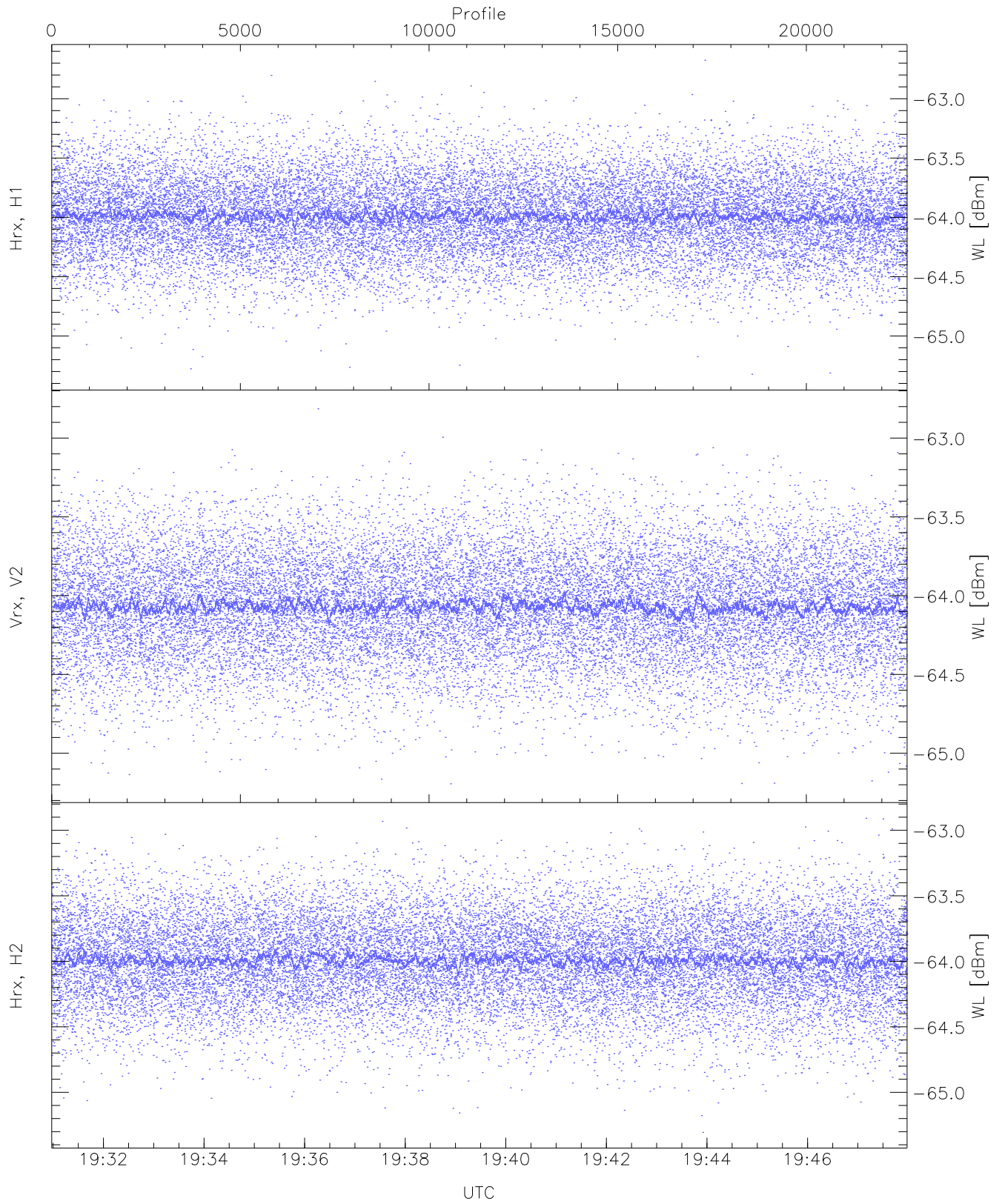
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 8 pixs, 2 gates, 8 profs, 1 prod(s)



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

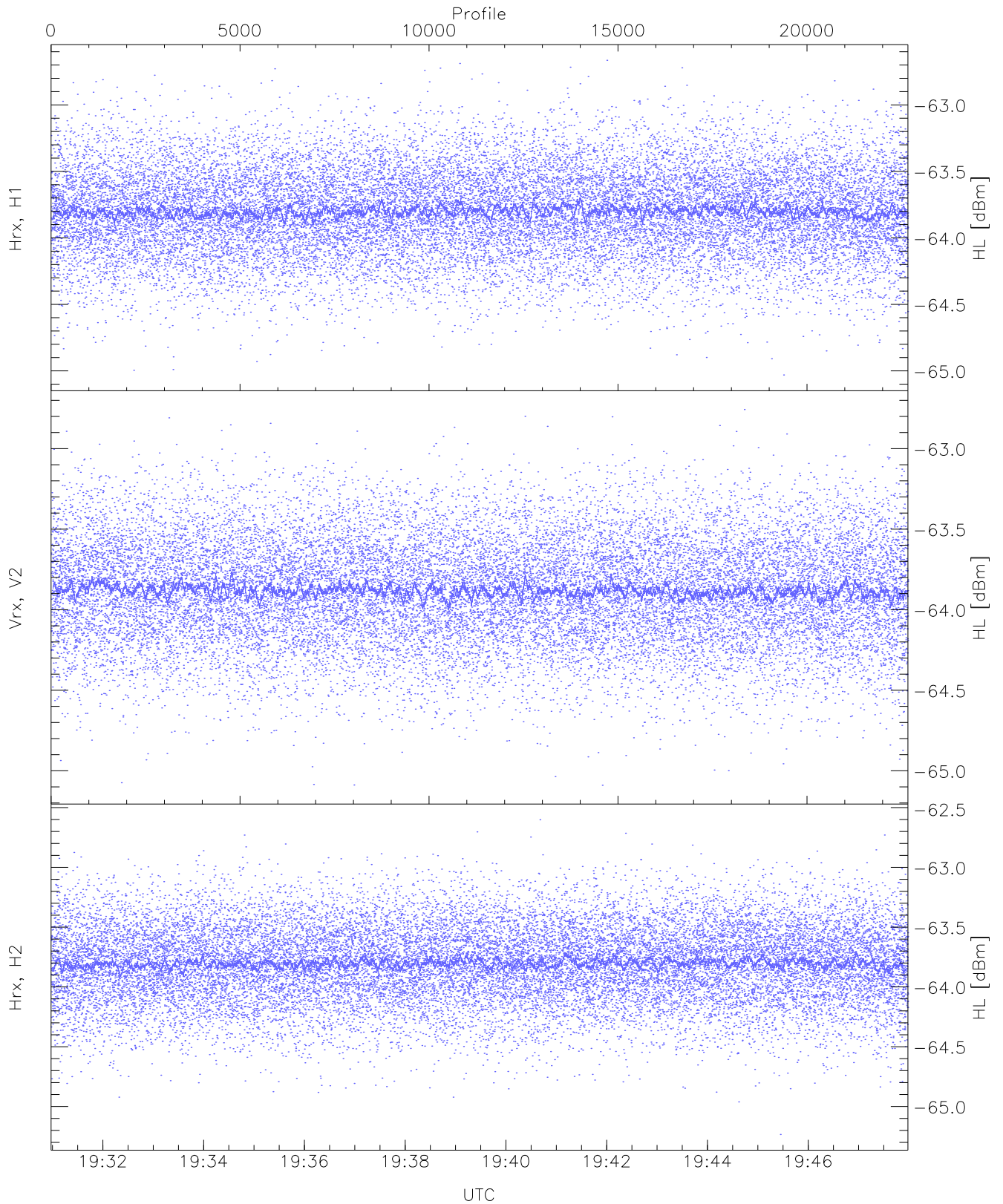
	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-64.56	-64.30	-64.43	-64.43	-85.69
RMPHrxH1 (std_dBm)	-75.19	-73.80	-74.45	-74.45	-88.23
RMPVrxV2 (mean_dBm)	-64.25	-64.00	-64.12	-64.12	-85.46
RMPVrxV2 (std_dBm)	-75.04	-73.49	-74.14	-74.14	-87.95
RMPHrxH2 (mean_dBm)	-64.16	-63.89	-64.02	-64.02	-85.33
RMPHrxH2 (std_dBm)	-74.79	-73.34	-74.04	-74.04	-87.80



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

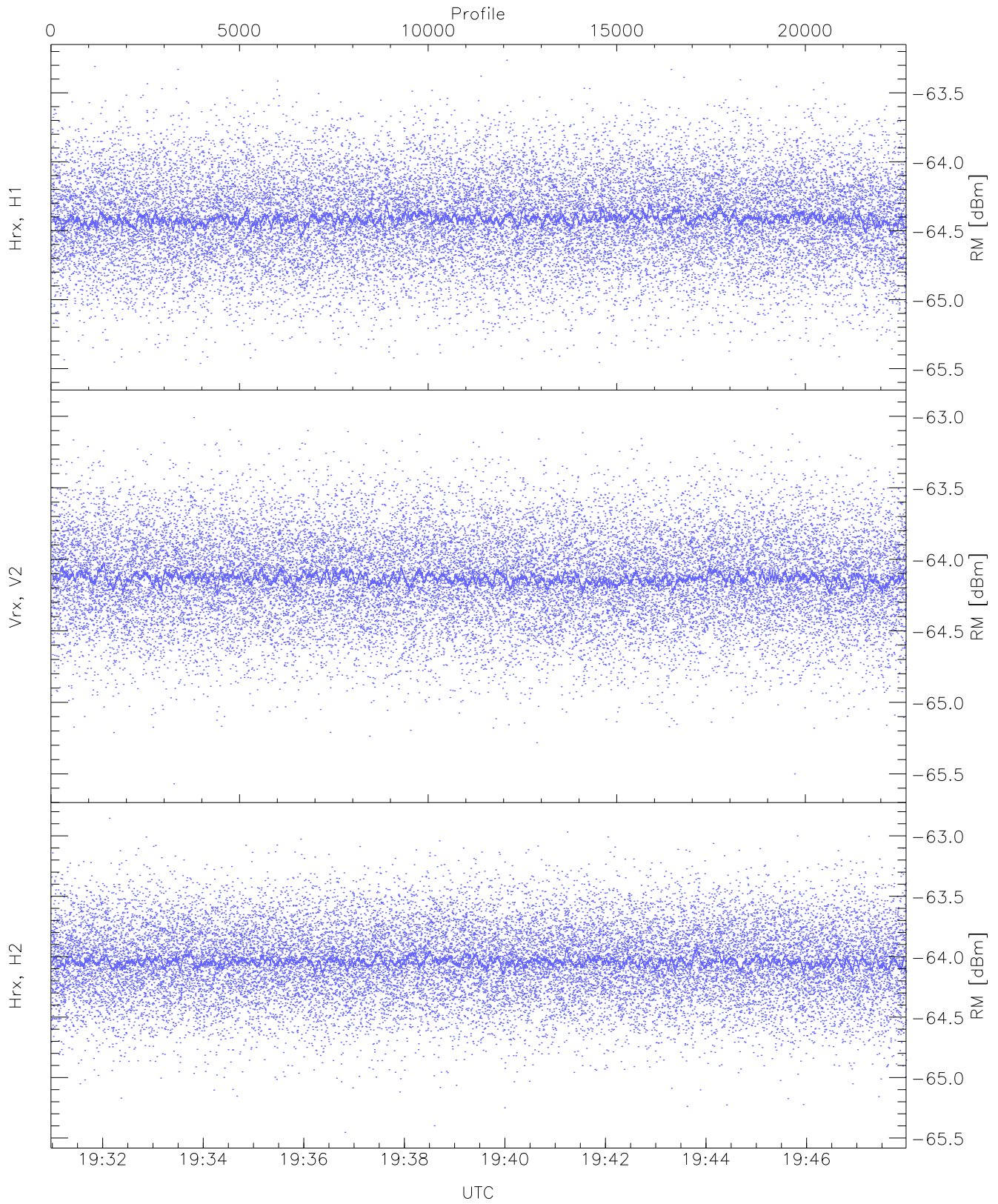
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.32	-62.68	-63.98	-63.99	-75.46
Vrx, V2 (WL [dBm])	-65.19	-62.81	-64.06	-64.07	-75.58
Hrx, H2 (WL [dBm])	-65.31	-62.91	-63.99	-63.99	-75.50





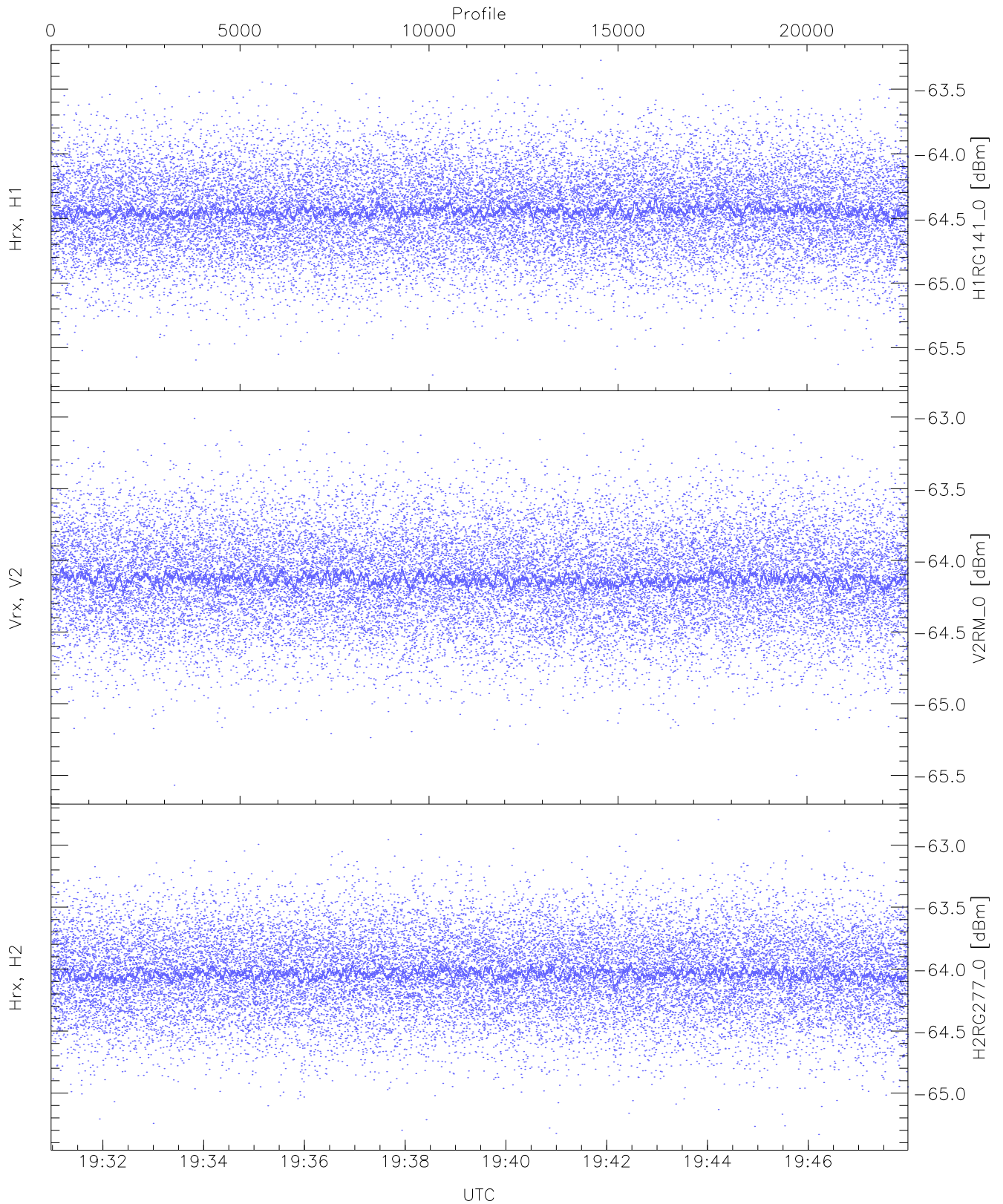
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.03	-62.66	-63.79	-63.80	-75.29
Vrx, V2 (HL [dBm])	-65.09	-62.76	-63.88	-63.88	-75.41
Hrx, H2 (HL [dBm])	-65.23	-62.60	-63.80	-63.80	-75.30



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

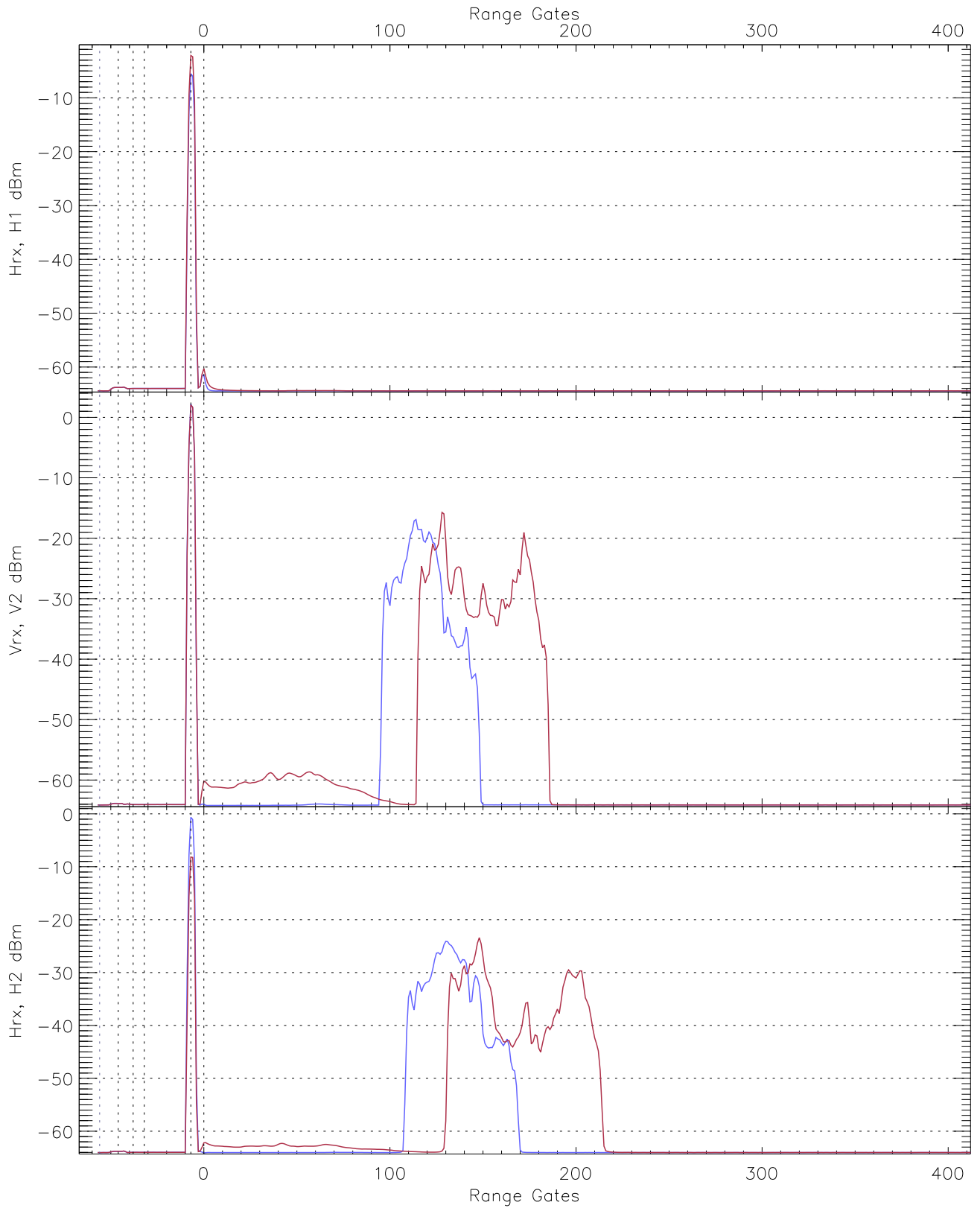
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.54	-63.26	-64.41	-64.41	-75.90
Vrx, V2 (RM [dBm])	-65.57	-62.95	-64.12	-64.13	-75.62
Hrx, H2 (RM [dBm])	-65.45	-62.85	-64.03	-64.04	-75.55



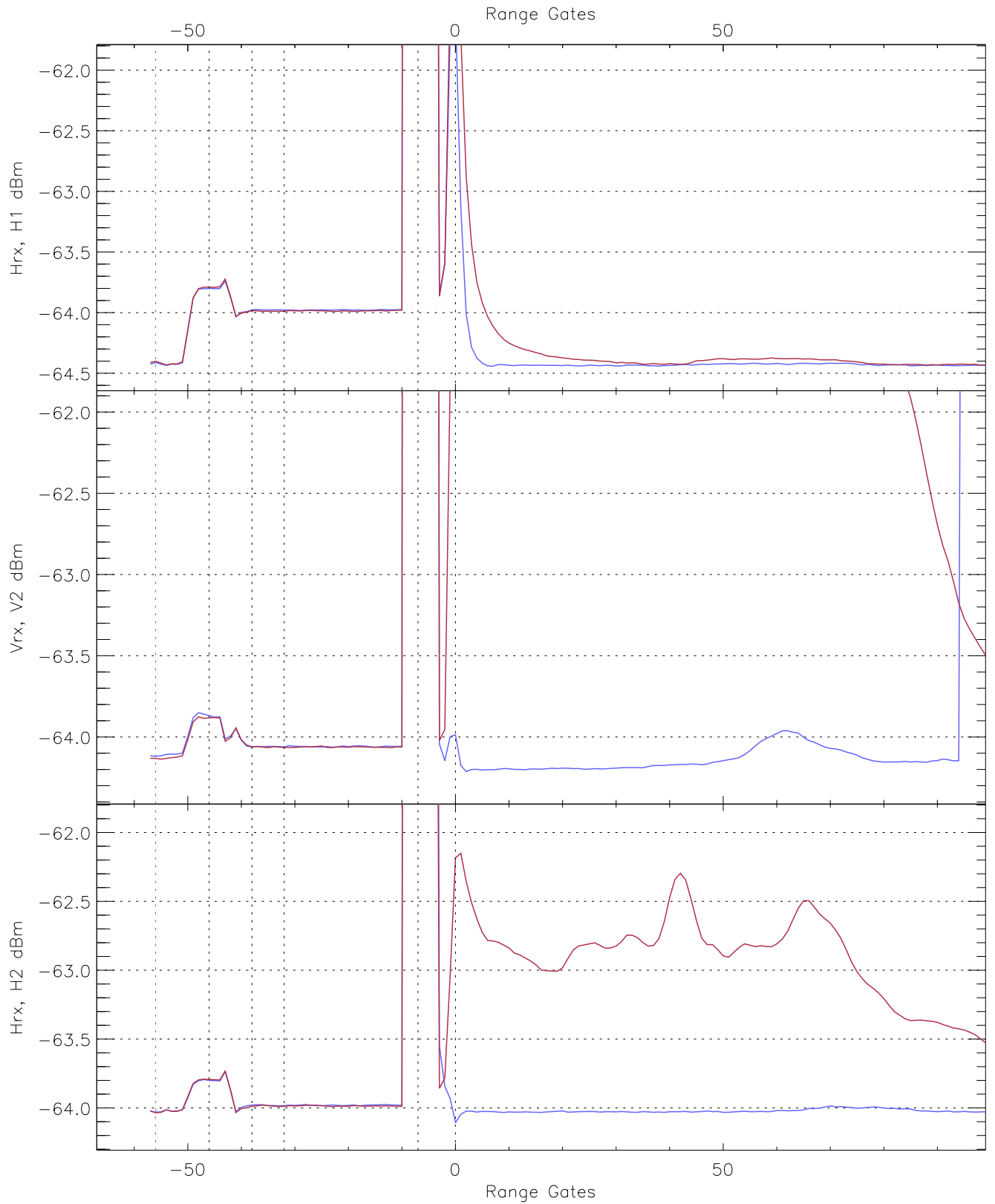
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG141_0 [dBm]	-65.71	-63.28	-64.44	-64.45	-75.95
V2RM_0 [dBm]	-65.57	-62.95	-64.12	-64.13	-75.62
H2RG277_0 [dBm]	-65.33	-62.80	-64.03	-64.04	-75.52

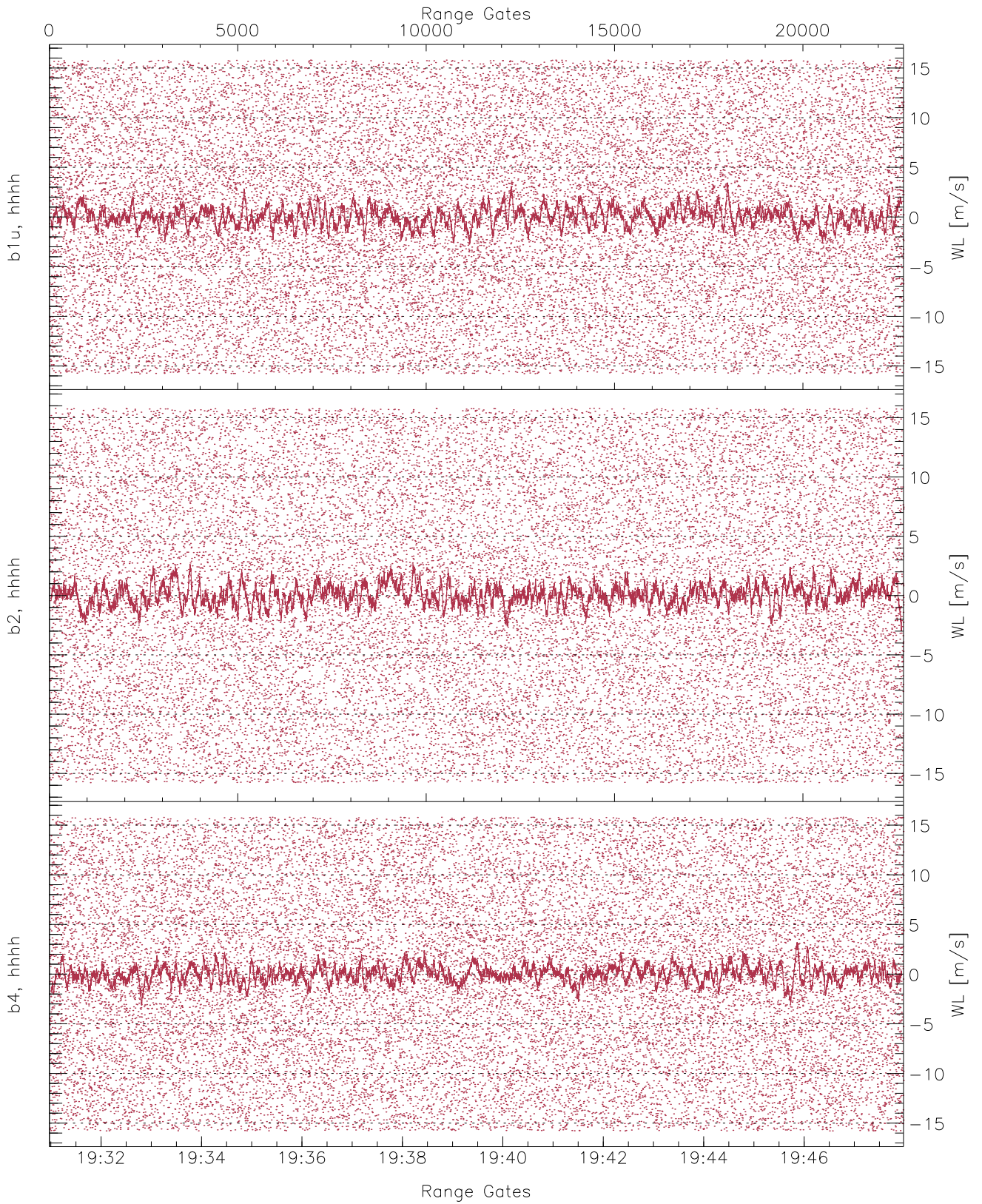




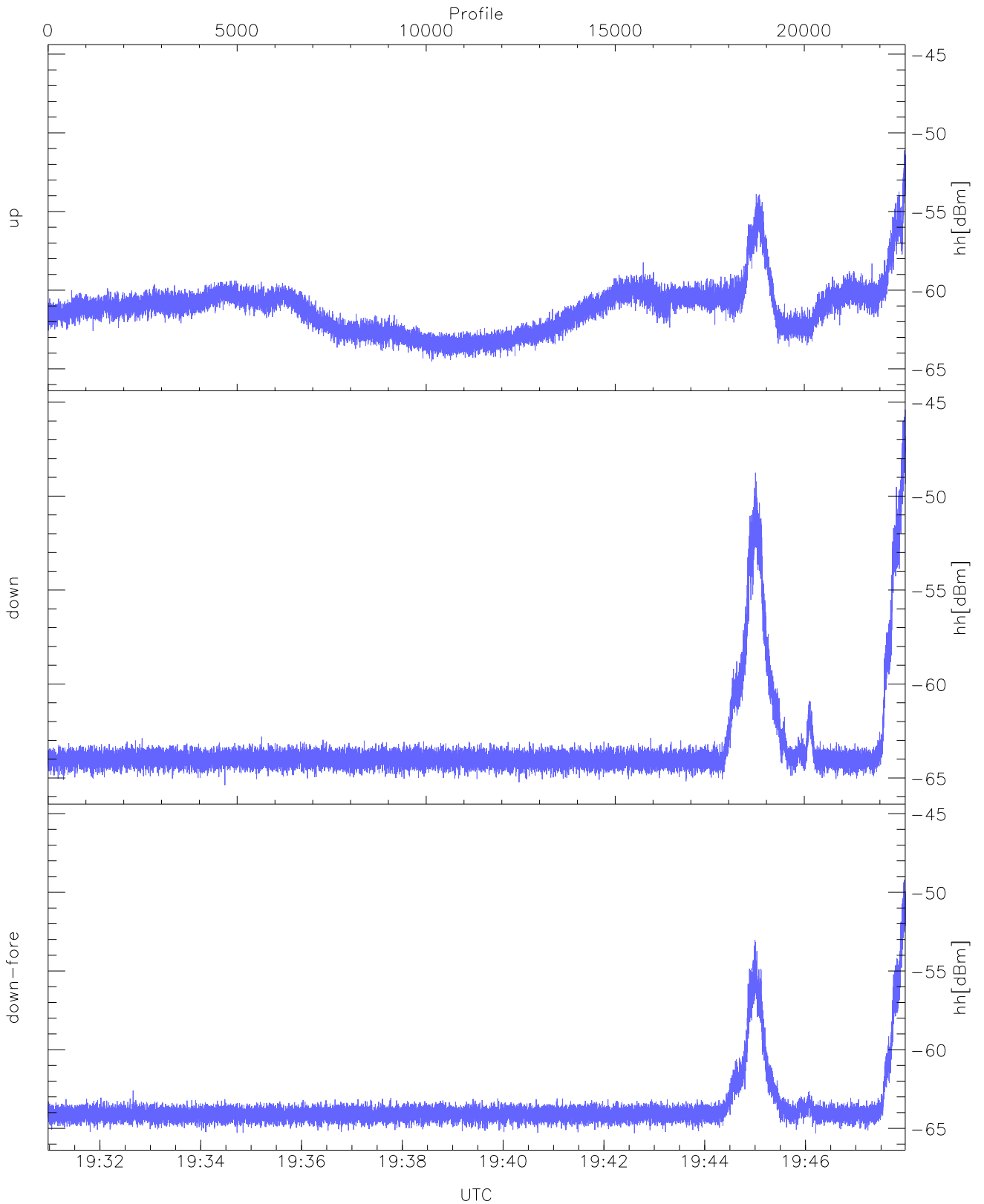
WCR3 CPP Averaged Received power for all recorded gates  
blue: 193058-193929, 11337 profiles averaged  
red: 193929-194759, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 193058-193929, 11337 profiles averaged  
red: 193929-194759, 11336 profiles averaged



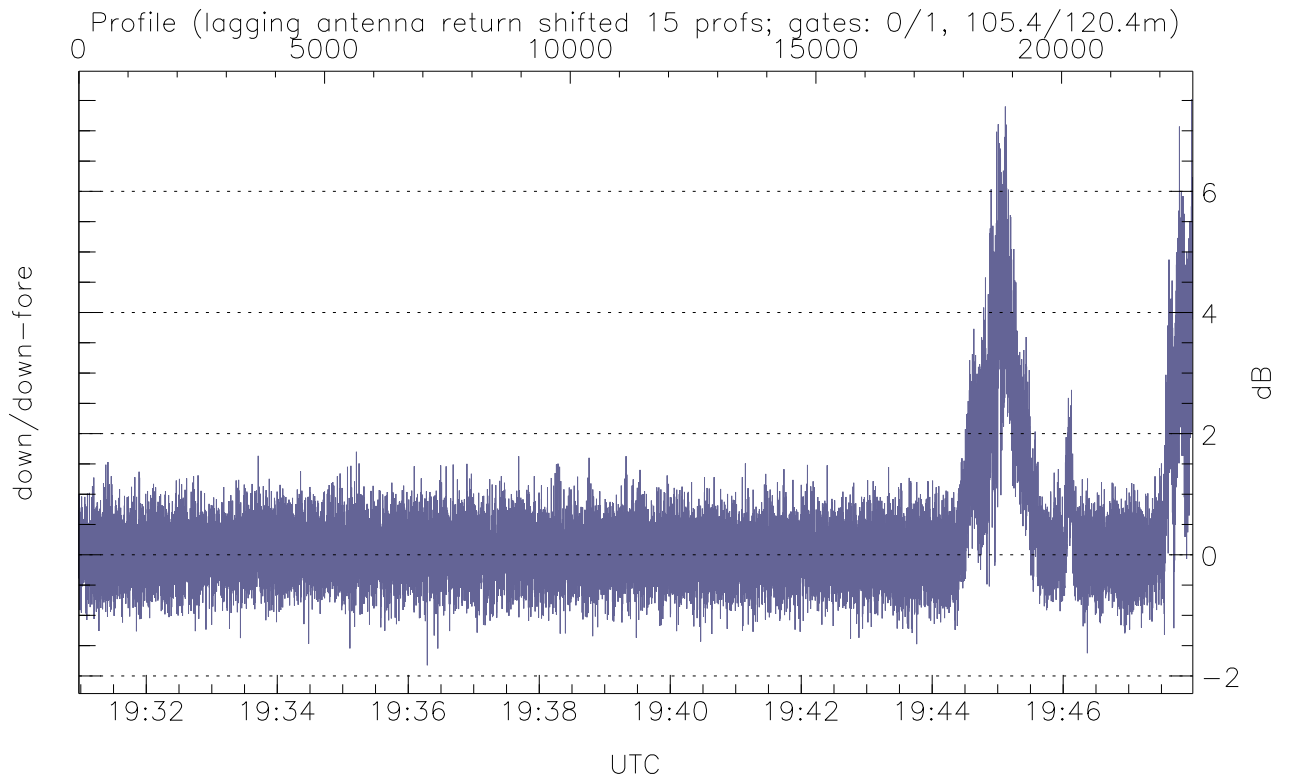
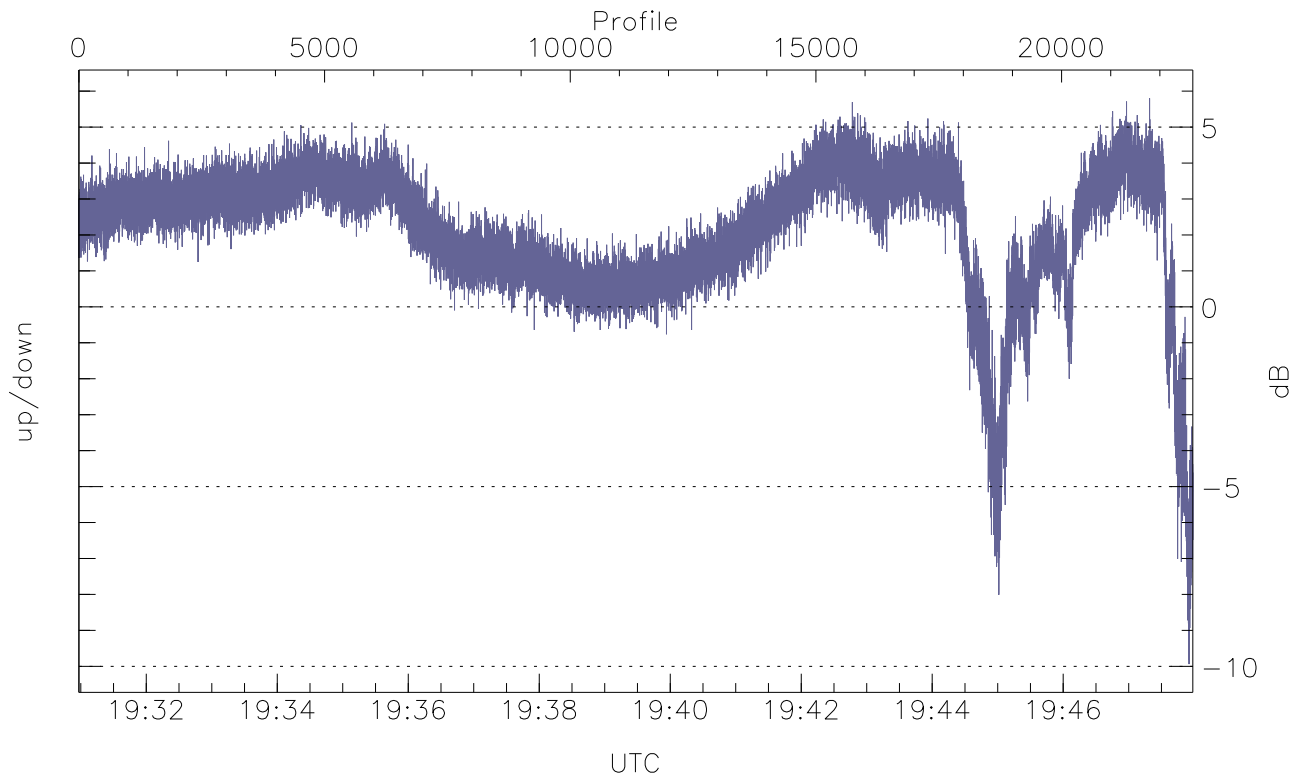
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

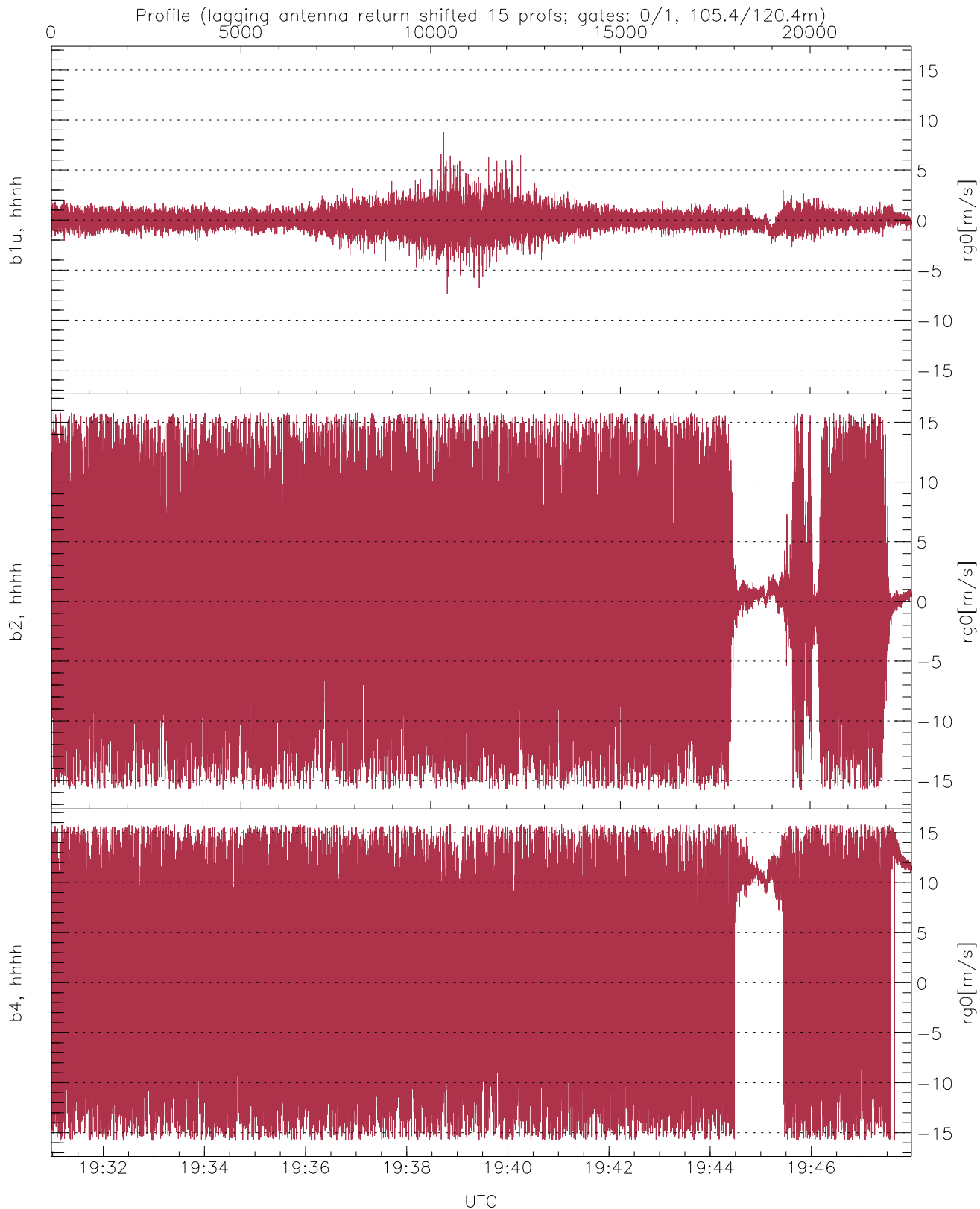
	Min	Max	Mean
up(hh[dBm])	-64.54	-51.11	-60.84
down(hh[dBm])	-65.39	-45.39	-61.68
down-fore(hh[dBm])	-65.32	-49.21	-63.04





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

	Min	Max	Mean
up/down (dB)	-9.94	5.80	2.15
down/down-fore (dB)	-1.82	7.52	0.28



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-7.43	8.77	-0.01	0.85
b2, hhhh(rg0[m/s])	-15.78	15.79	-0.06	7.88
b4, hhhh(rg0[m/s])	-15.79	15.79	1.14	9.06