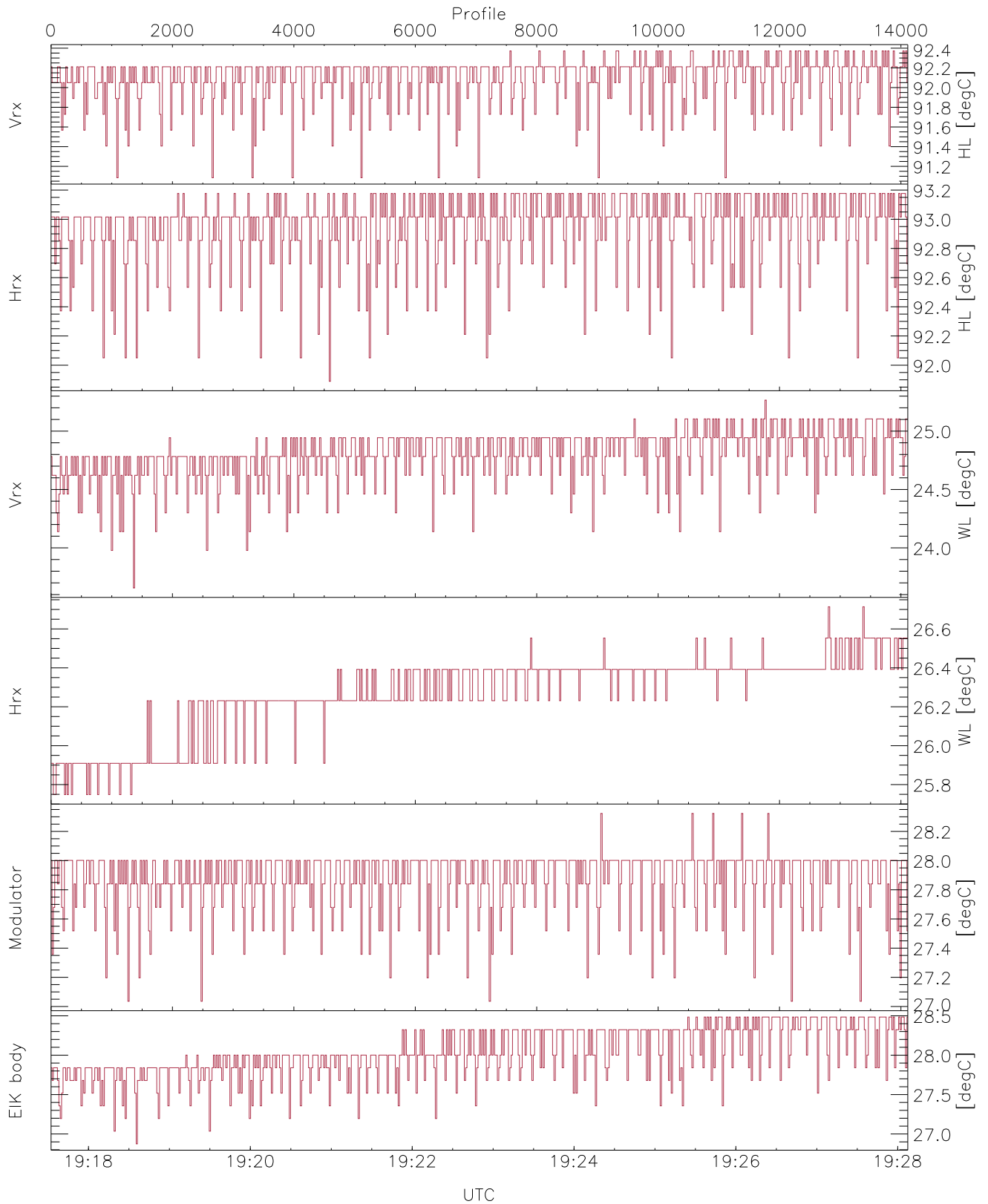


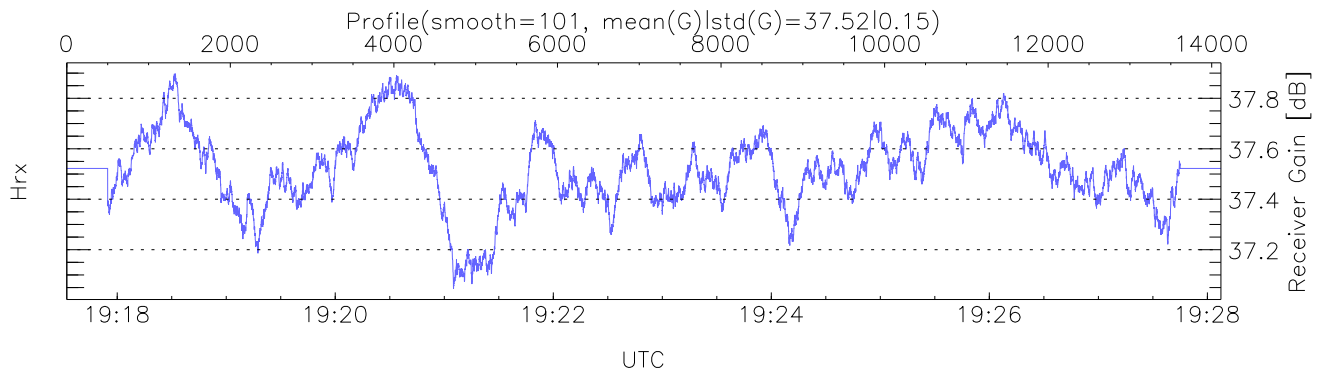
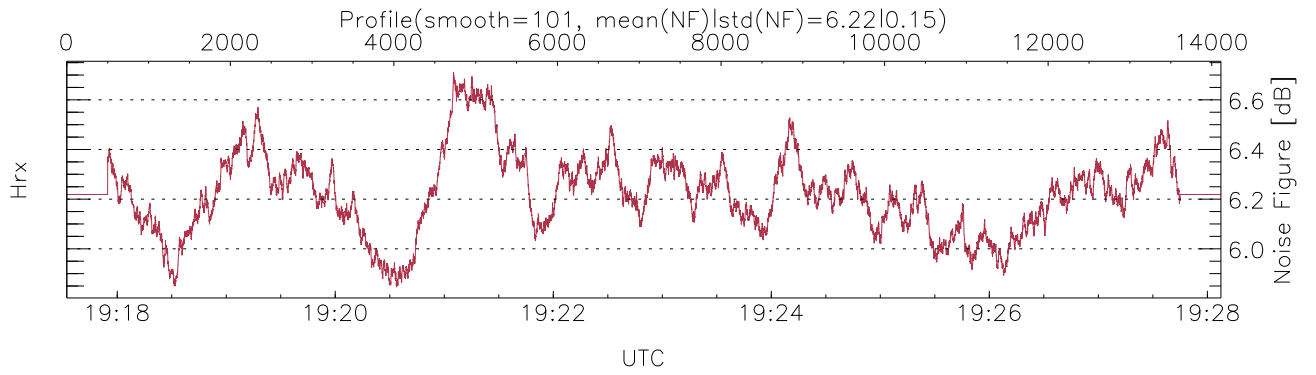
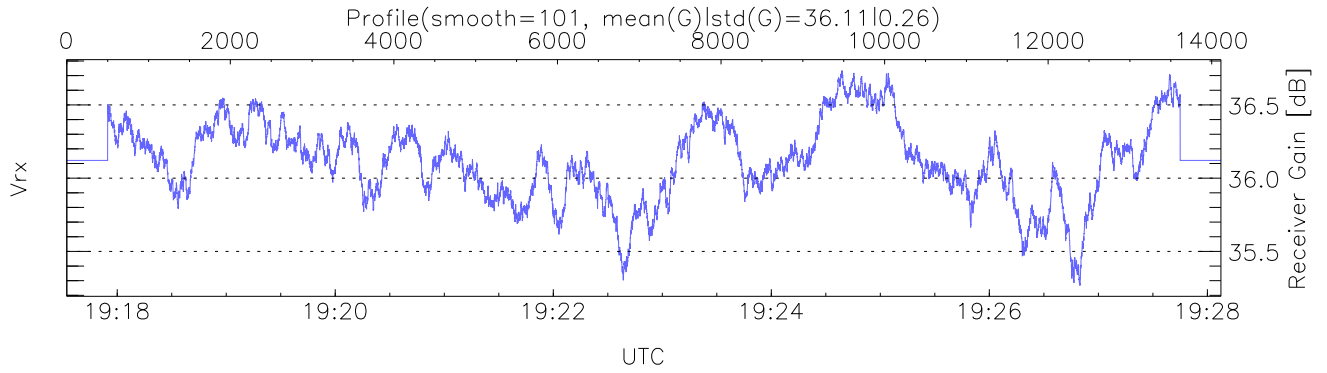
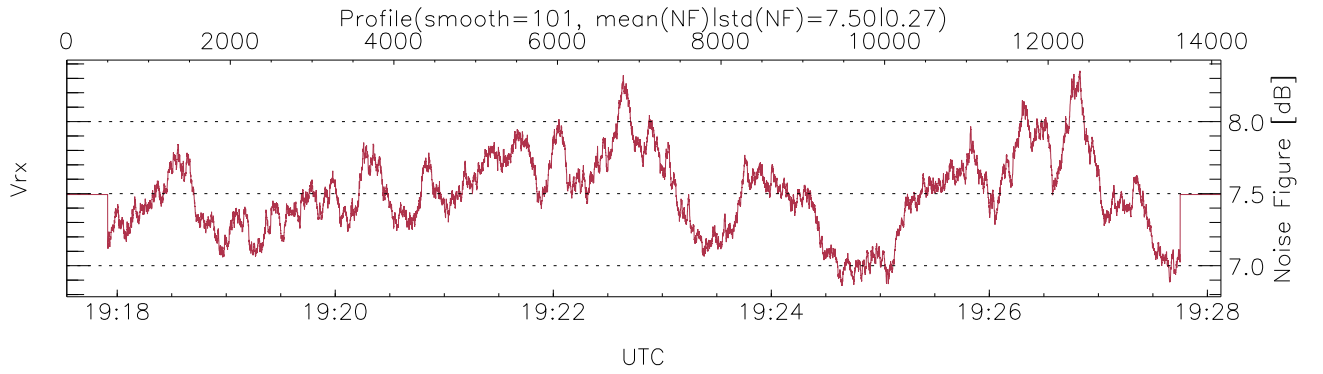
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:17:32-19:28:07, TimeCor: 0.00s, Dur: 635.24s  
 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): 14114/14114, 0-14113/19:17:32-19:28:07  
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



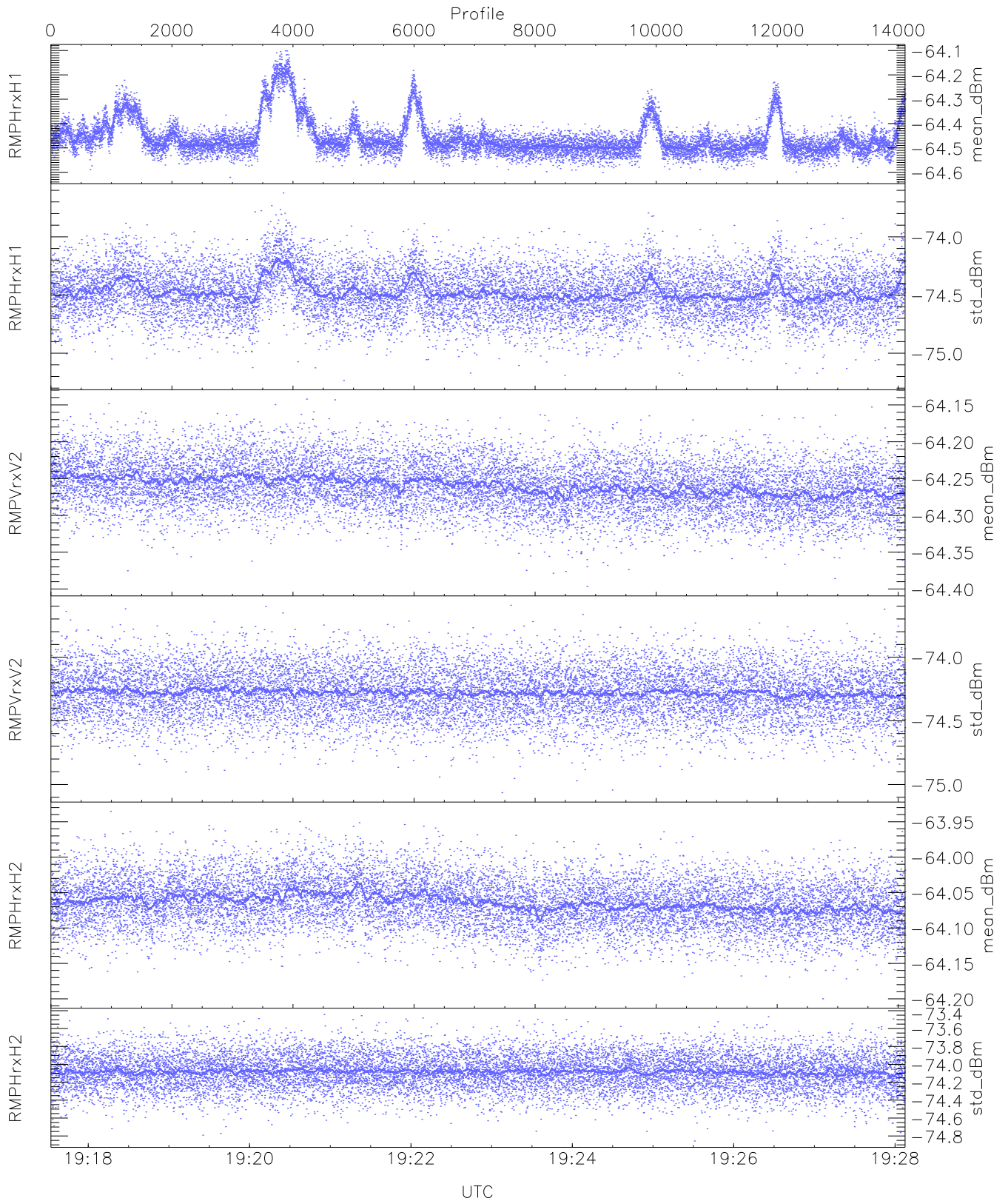
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,23,25,27,26  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,28,28  
LOalarm(20,240,2817,14861 MHz): 0,0,24,0  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (92,68,92,22,92,92,92,22)



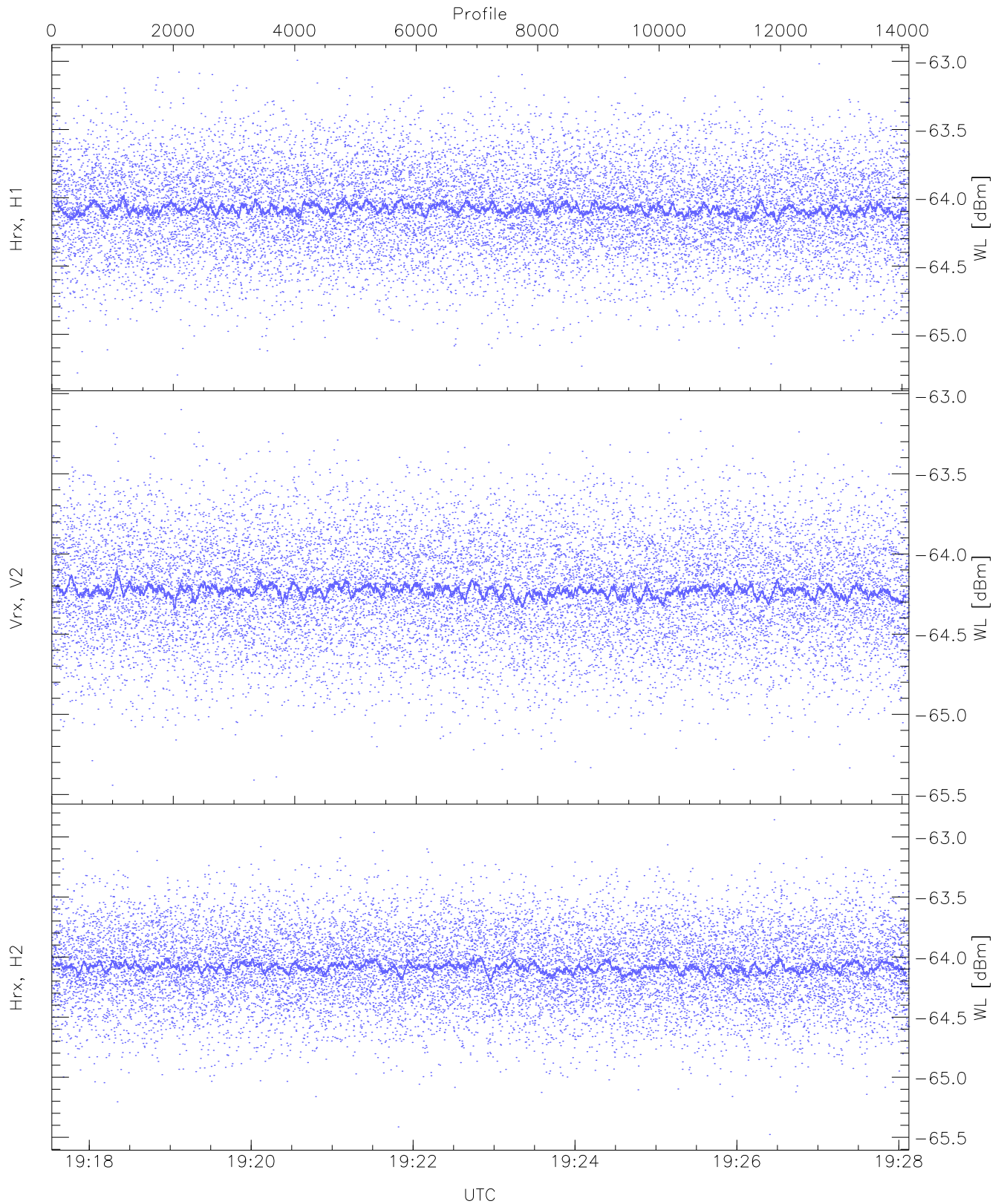
### WCR3 CPP Receivers Gain and Noise Figure

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



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

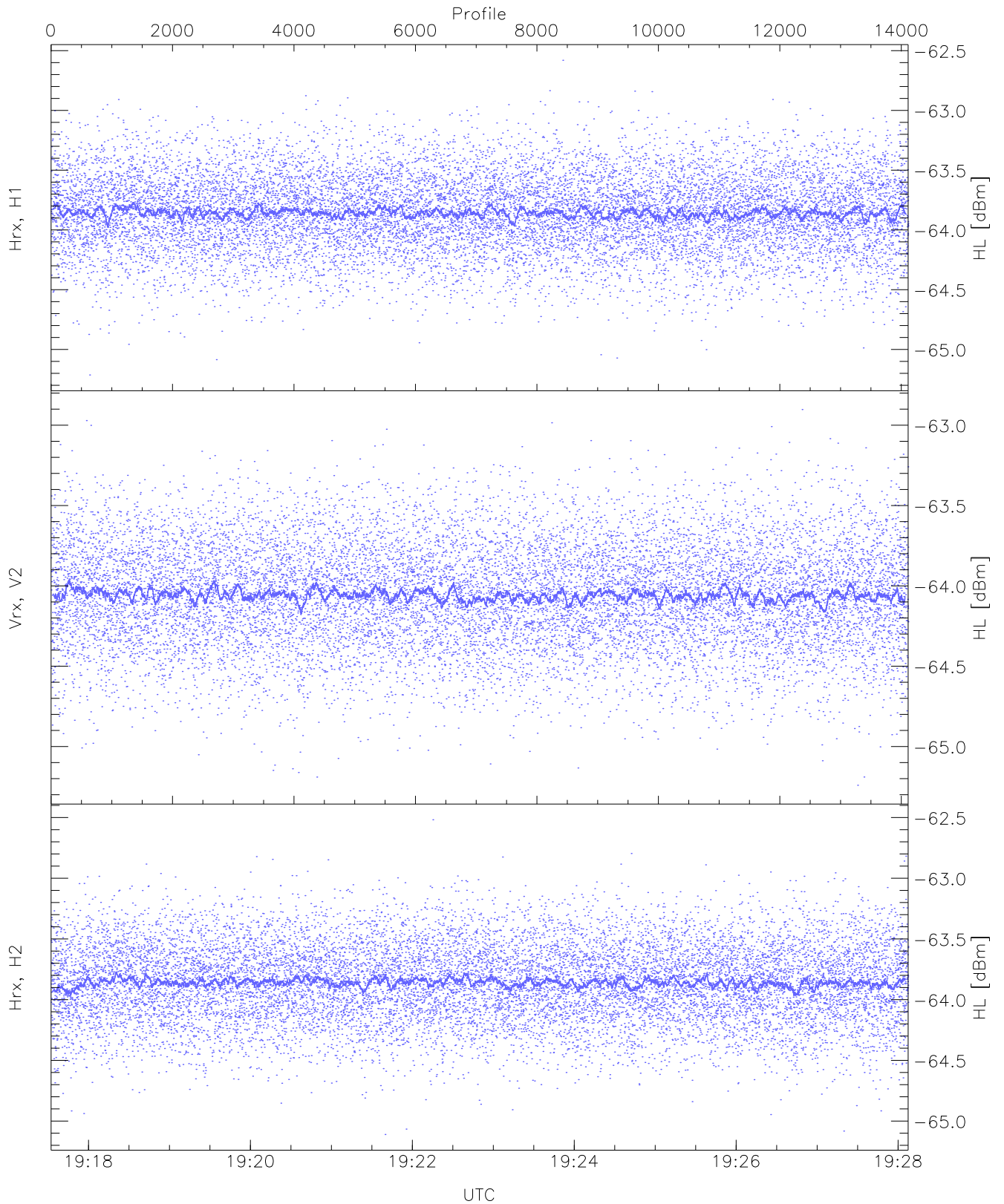
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.62	-64.10	-64.46	-64.48	-82.04
RMPHrxH1(std_dBm)	-75.23	-73.62	-74.47	-74.48	-87.94
RMPVrxV2(mean_dBm)	-64.40	-64.14	-64.26	-64.26	-85.62
RMPVrxV2(std_dBm)	-75.06	-73.59	-74.28	-74.28	-88.02
RMPHrxH2(mean_dBm)	-64.20	-63.94	-64.06	-64.06	-85.38
RMPHrxH2(std_dBm)	-74.86	-73.44	-74.08	-74.08	-87.83



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

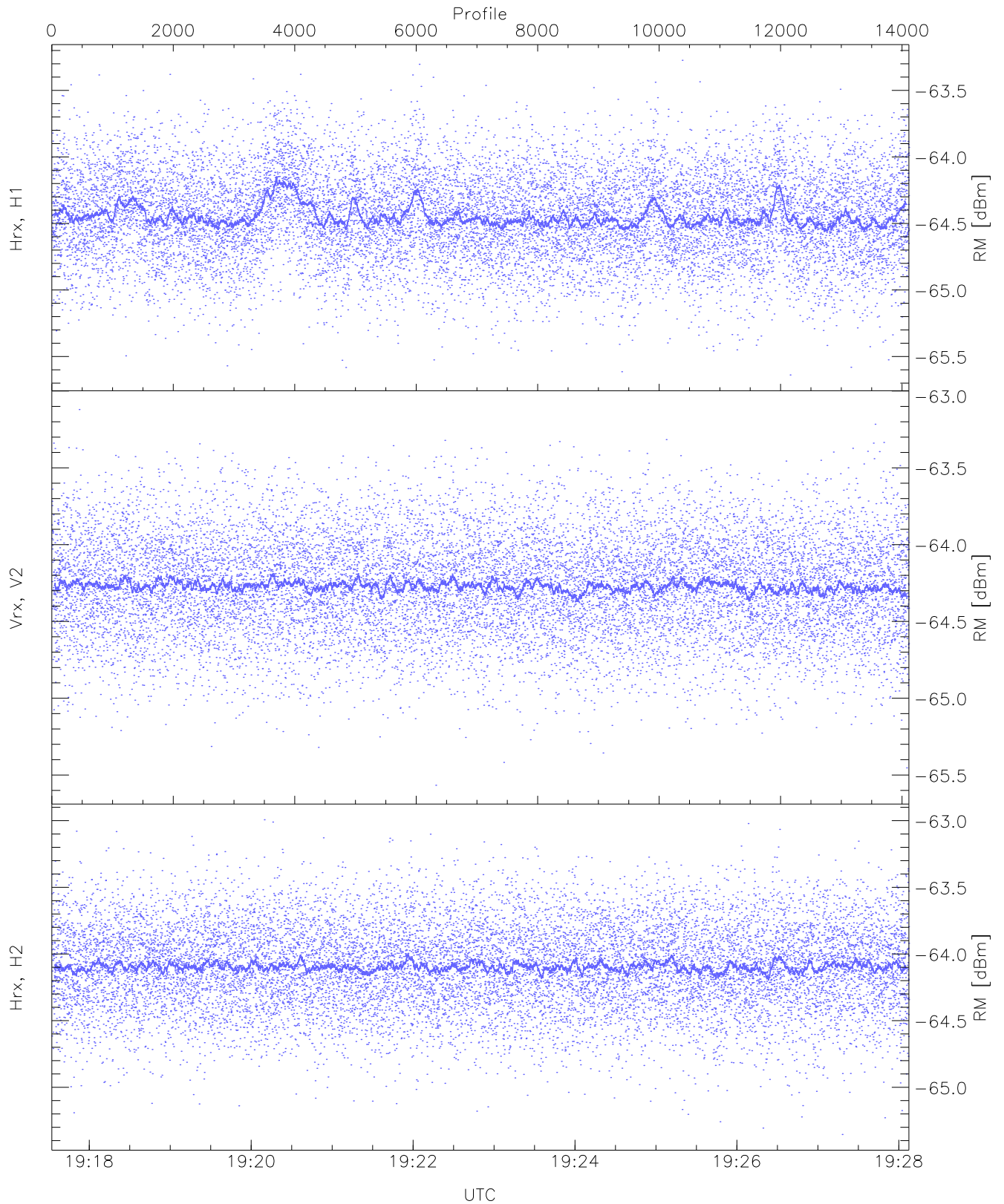
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.30	-62.99	-64.07	-64.08	-75.58
Vrx, V2 (WL [dBm])	-65.44	-63.10	-64.22	-64.23	-75.71
Hrx, H2 (WL [dBm])	-65.48	-62.86	-64.08	-64.09	-75.60





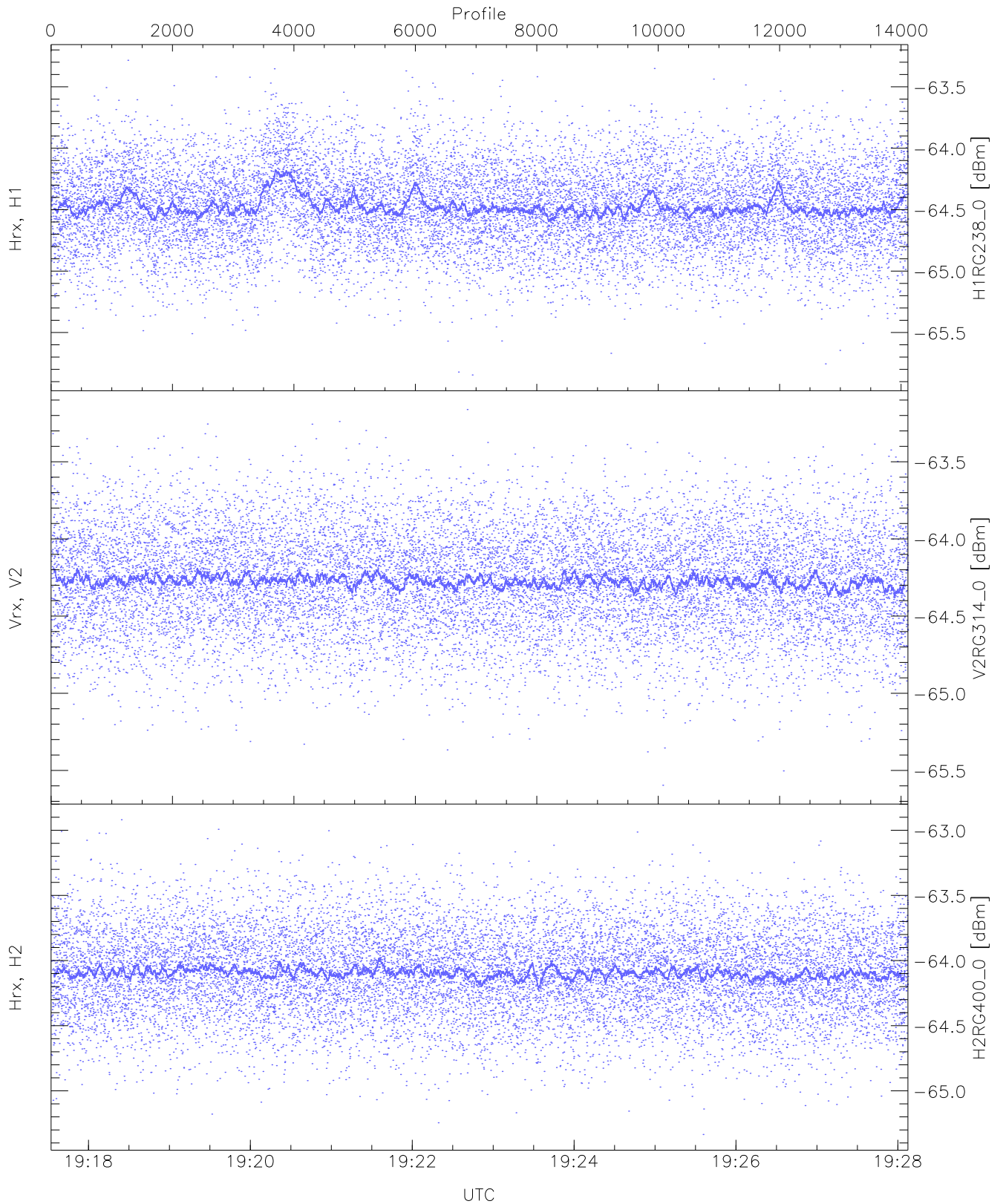
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.21	-62.58	-63.85	-63.86	-75.35
Vrx, V2 (HL [dBm])	-65.24	-62.90	-64.05	-64.06	-75.55
Hrx, H2 (HL [dBm])	-65.11	-62.52	-63.85	-63.86	-75.38



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

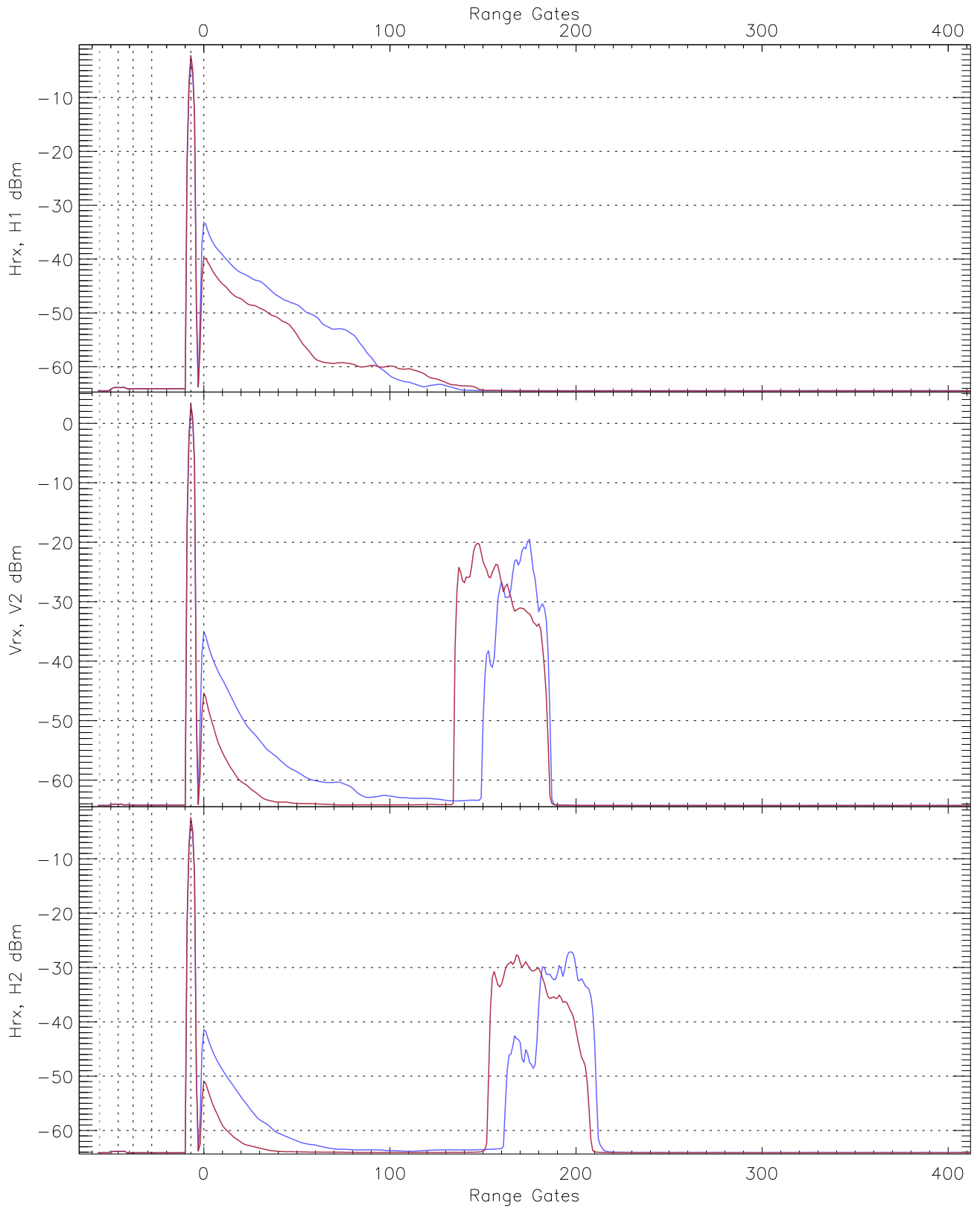
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.64	-63.27	-64.44	-64.45	-75.83
Vrx, V2 (RM [dBm])	-65.57	-63.12	-64.26	-64.27	-75.76
Hrx, H2 (RM [dBm])	-65.35	-62.99	-64.09	-64.10	-75.58



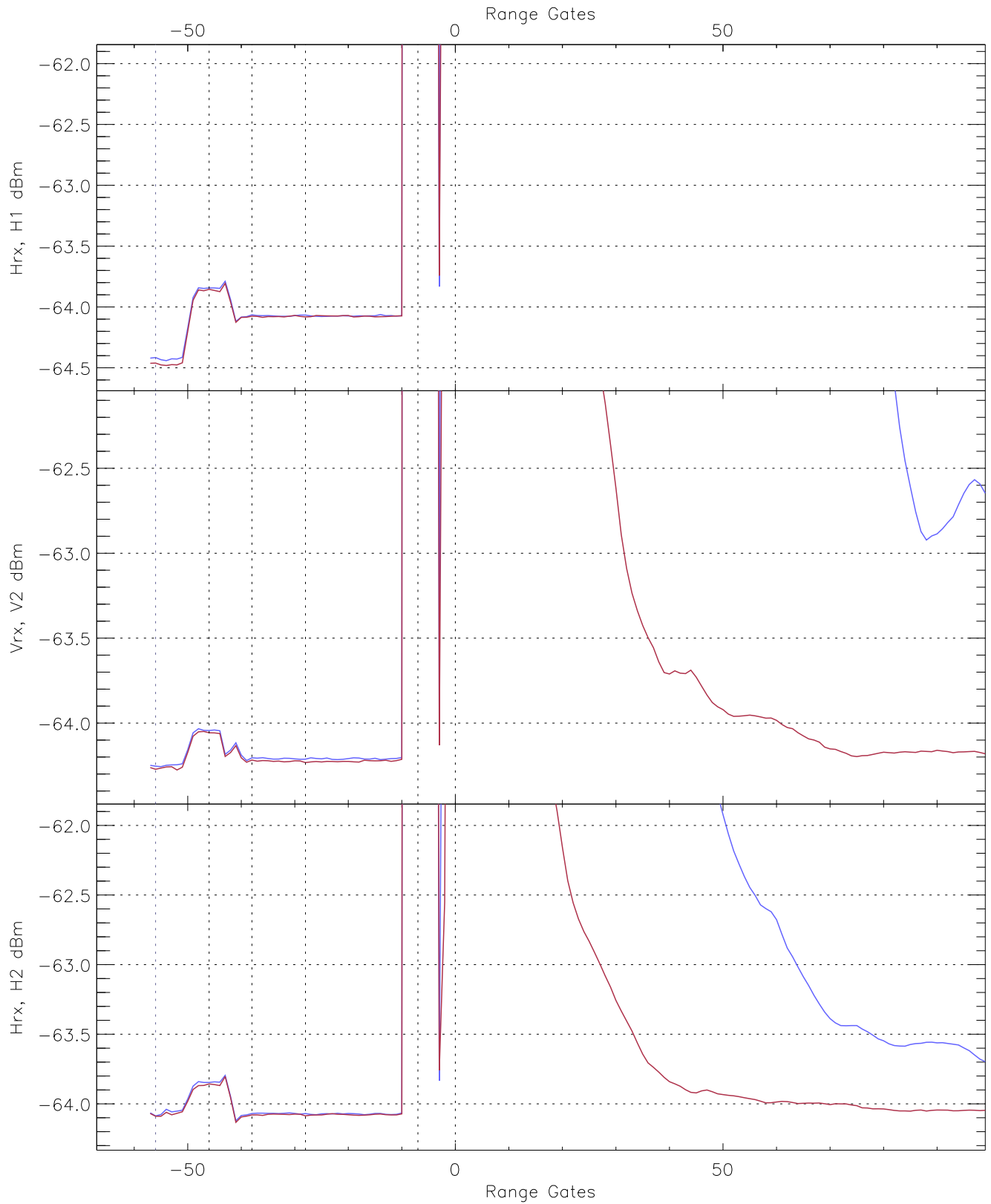
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG238_0 [dBm]	-65.85	-63.28	-64.47	-64.48	-75.85
V2RG314_0 [dBm]	-65.60	-63.16	-64.27	-64.27	-75.79
H2RG400_0 [dBm]	-65.33	-62.92	-64.09	-64.10	-75.56

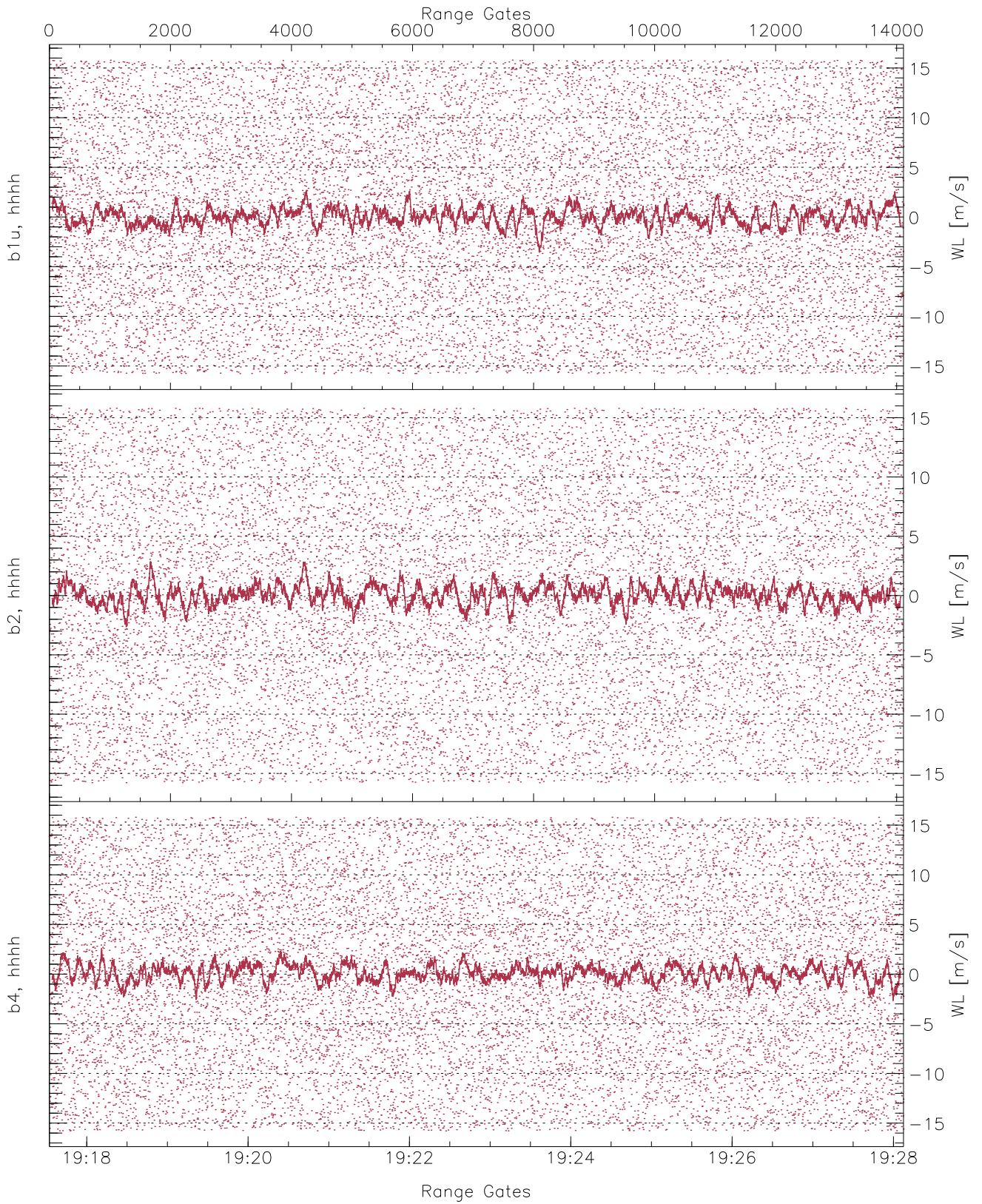




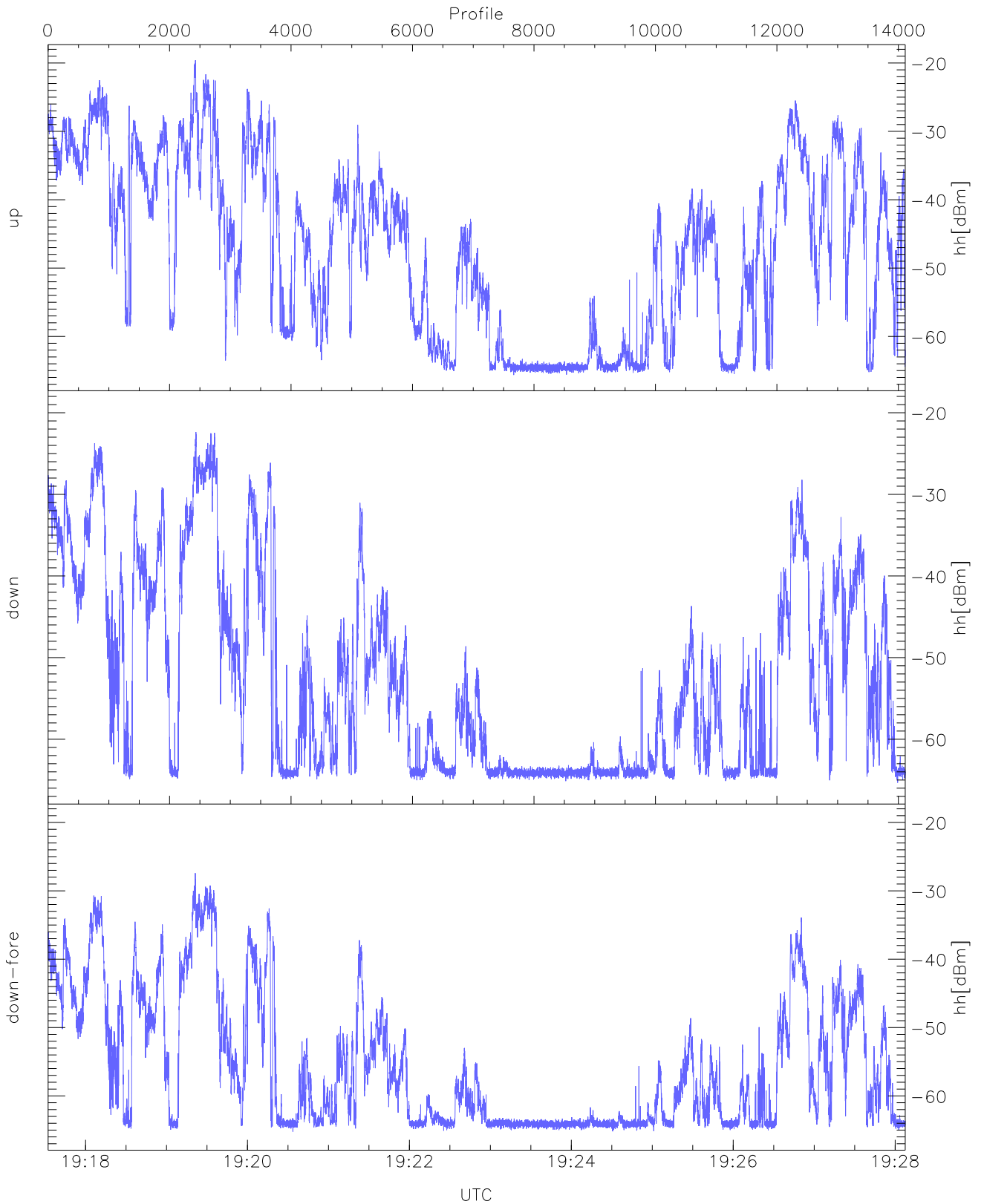
WCR3 CPP Averaged Received power for all recorded gates  
blue: 191732-192250, 7058 profiles averaged  
red: 192250-192807, 7057 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 191732-192250, 7058 profiles averaged  
red: 192250-192807, 7057 profiles averaged

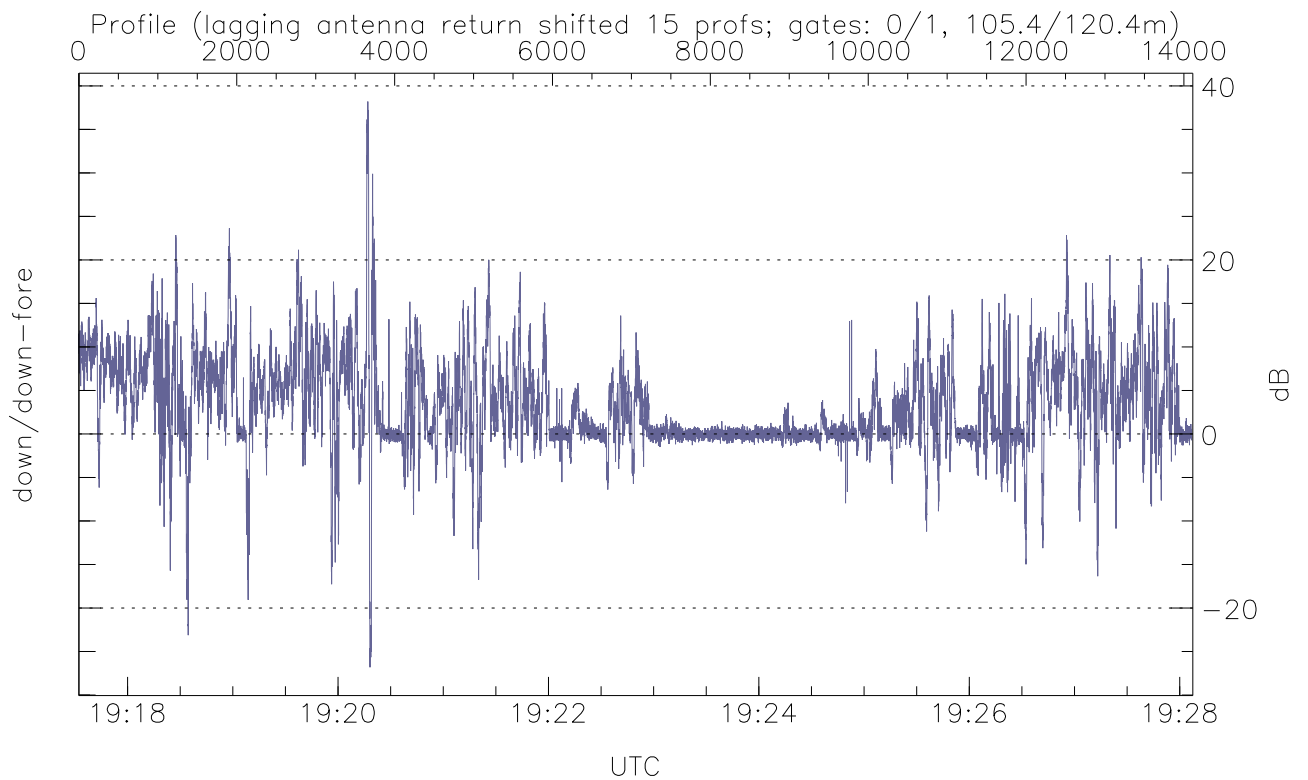
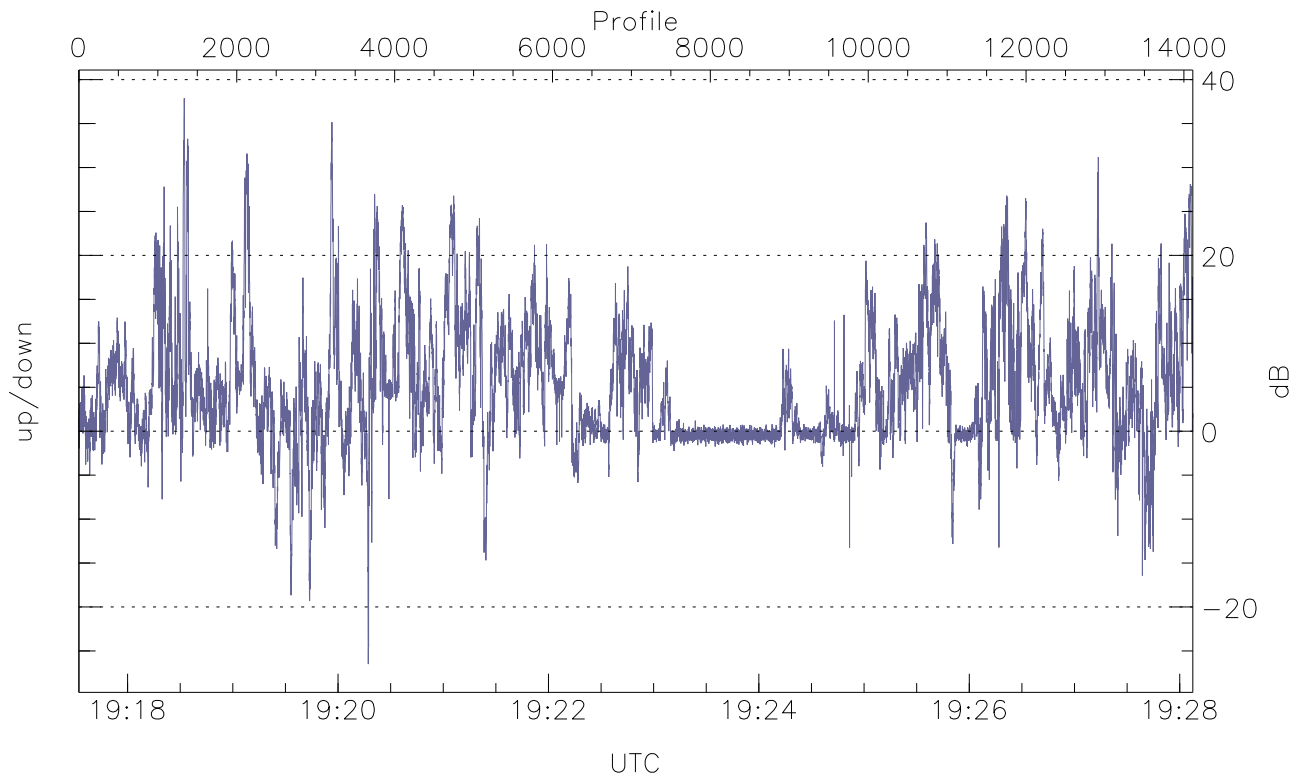


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

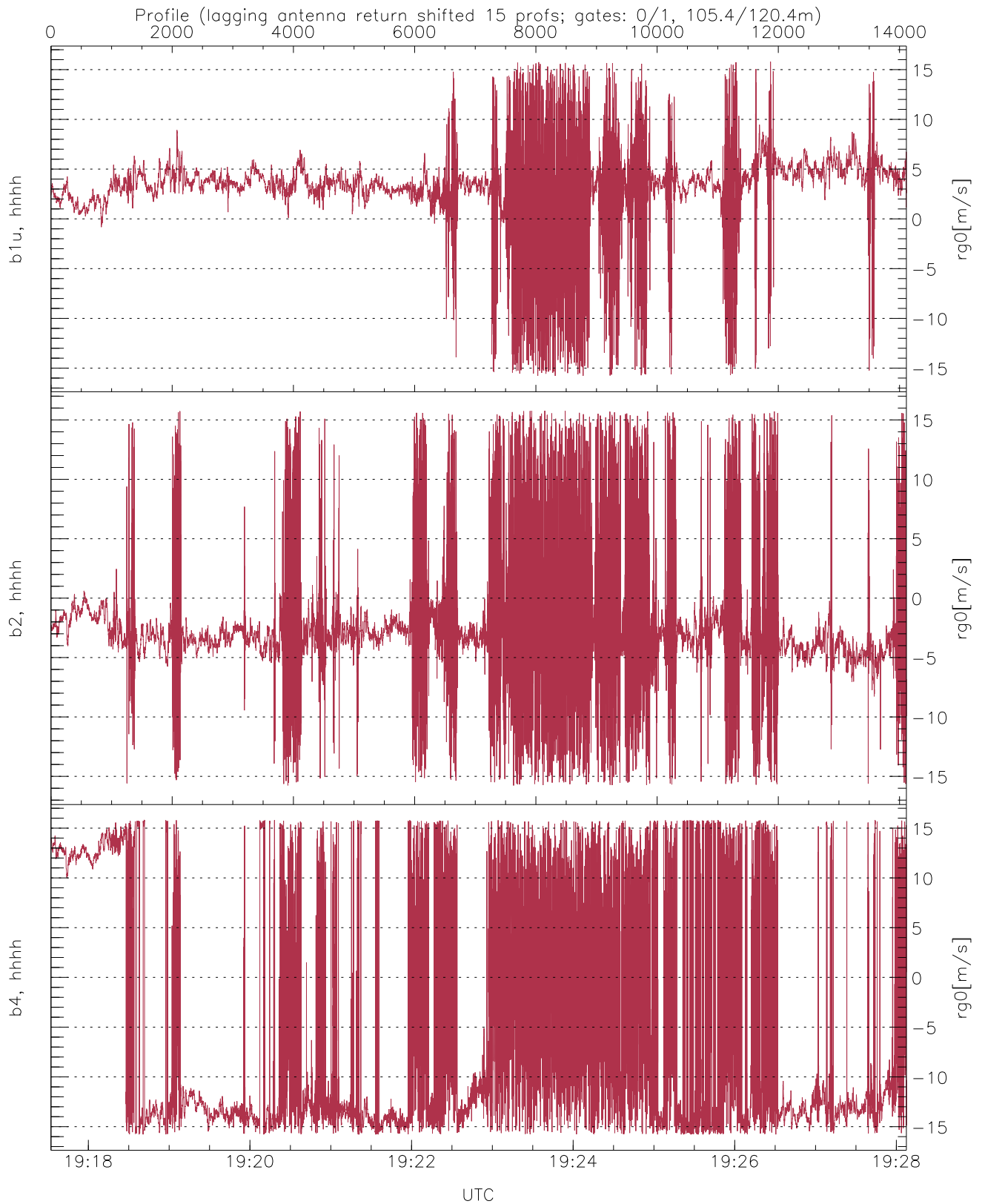
	Min	Max	Mean
up(hh[dBm])	-65.64	-19.61	-35.37
down(hh[dBm])	-65.33	-22.38	-37.76
down-fore(hh[dBm])	-65.23	-27.41	-44.02



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

	Min	Max	Mean
up/down (dB)	-26.50	37.87	5.08
down/down-fore (dB)	-26.81	38.21	3.30





WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.77	15.79	3.07	3.76
b2, hhhh(rg0[m/s])	-15.77	15.77	-2.23	4.92
b4, hhhh(rg0[m/s])	-15.79	15.79	-5.23	10.86