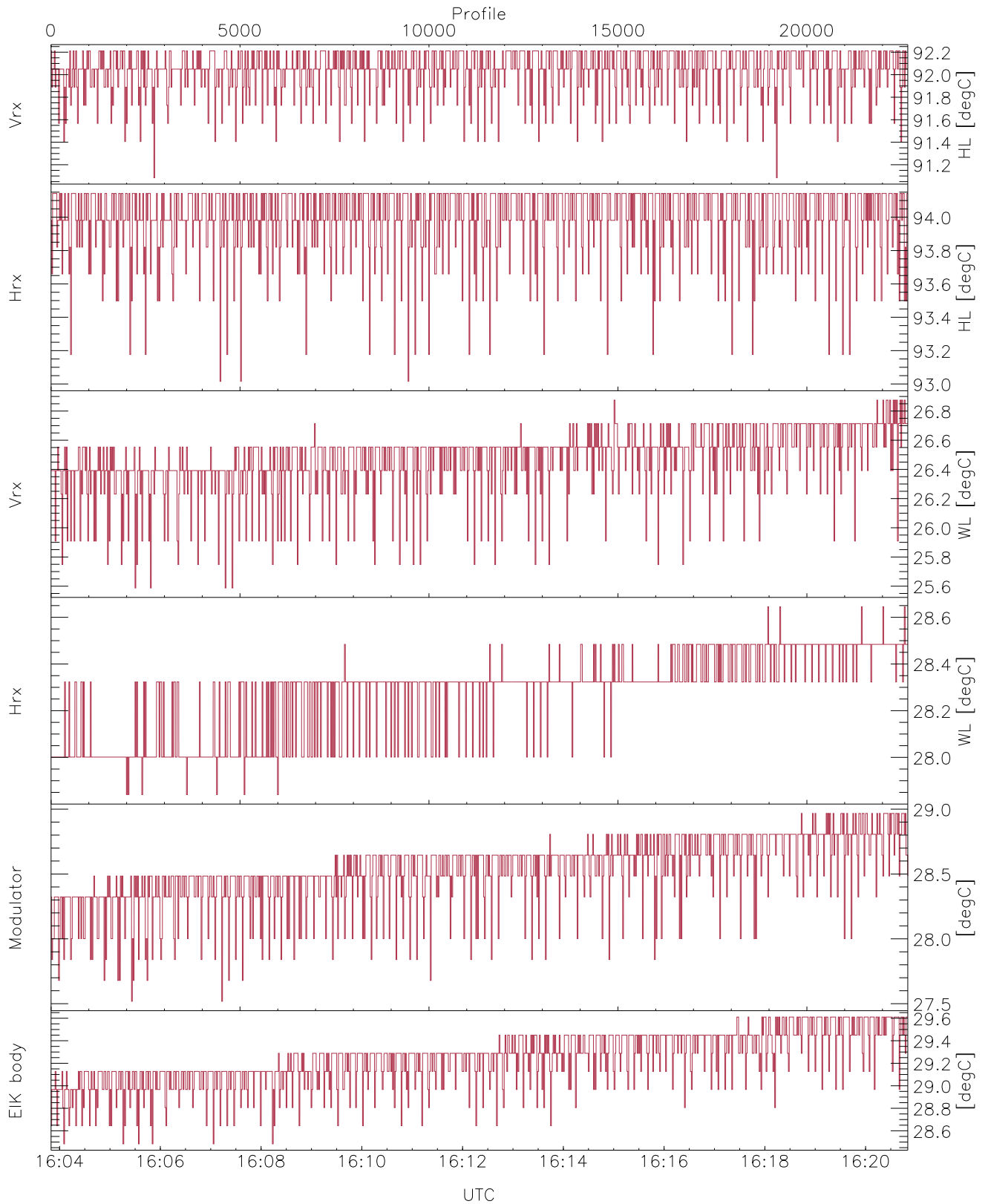


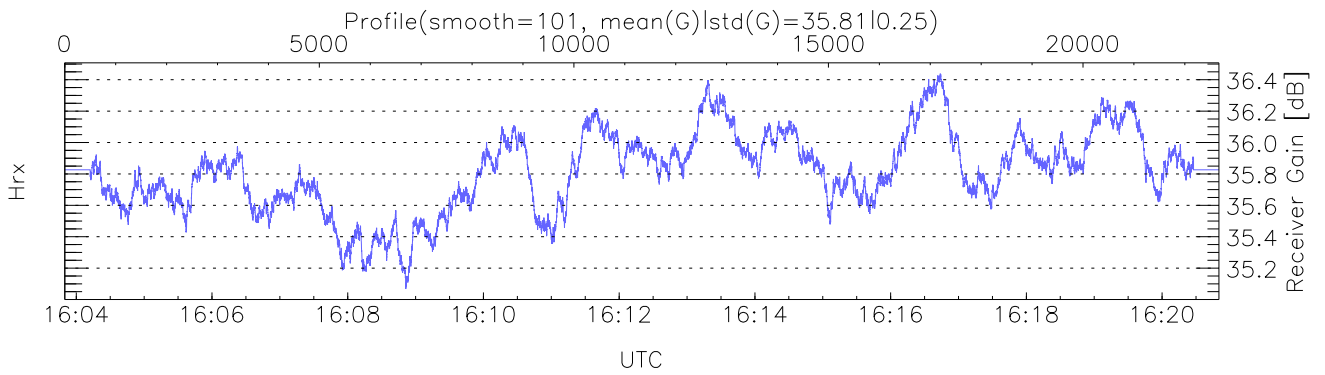
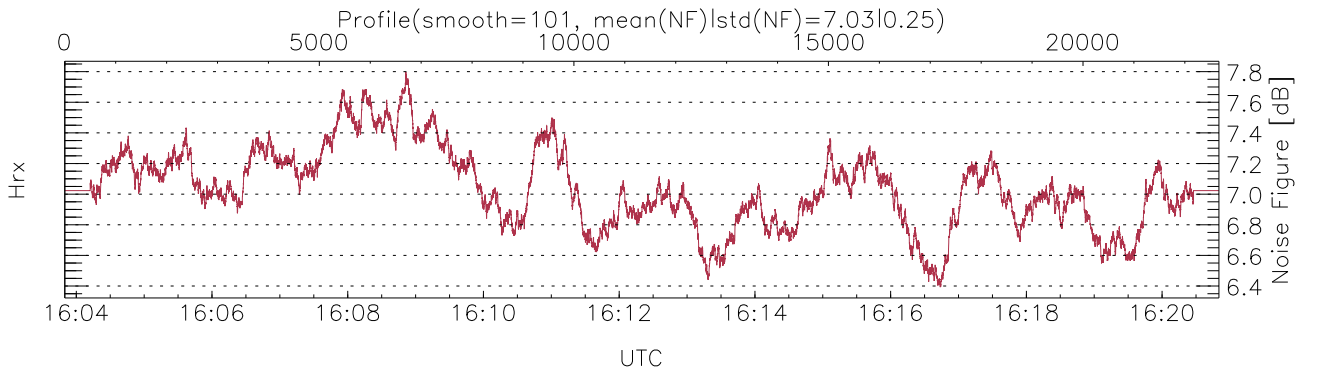
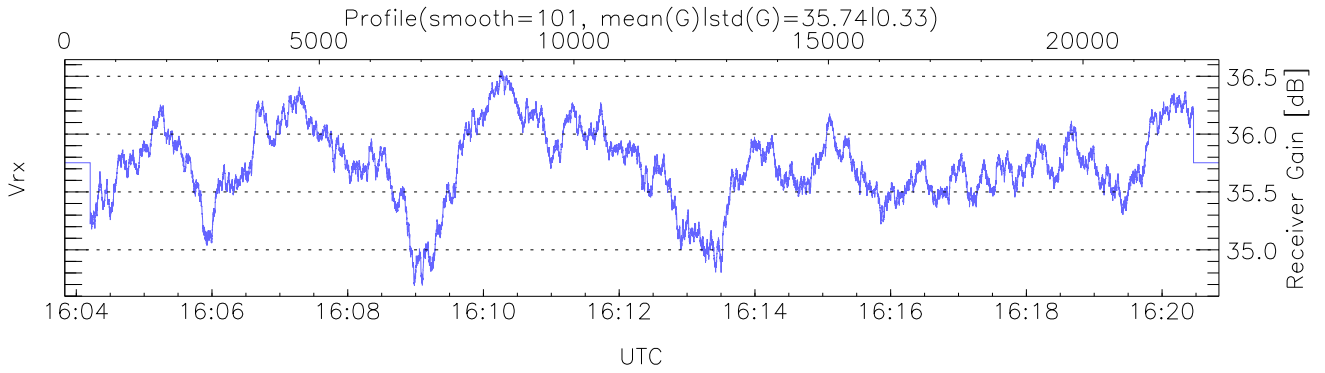
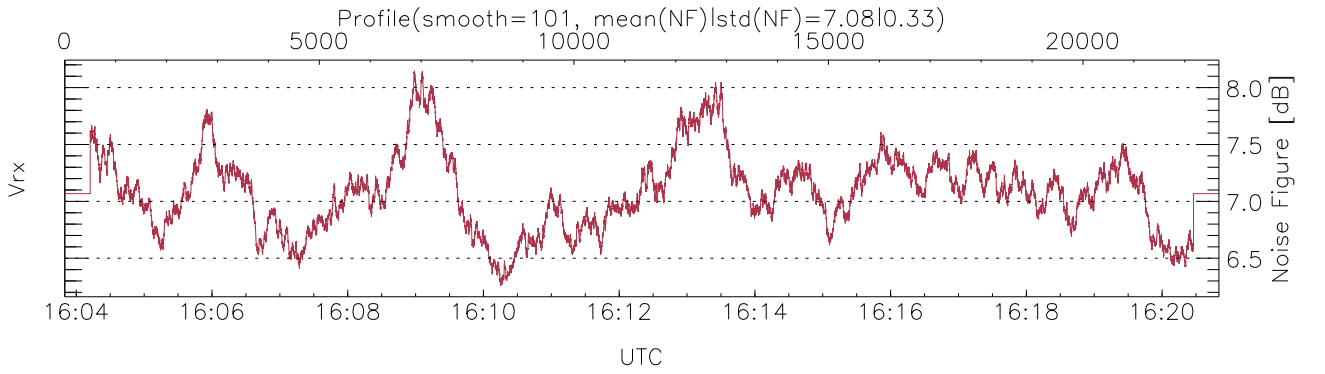
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:03:50-16:20:50, 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, 0-22671/16:03:50-16:20:50  
 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(-910|112,3,9x = no mirror|sideluplerror): 1



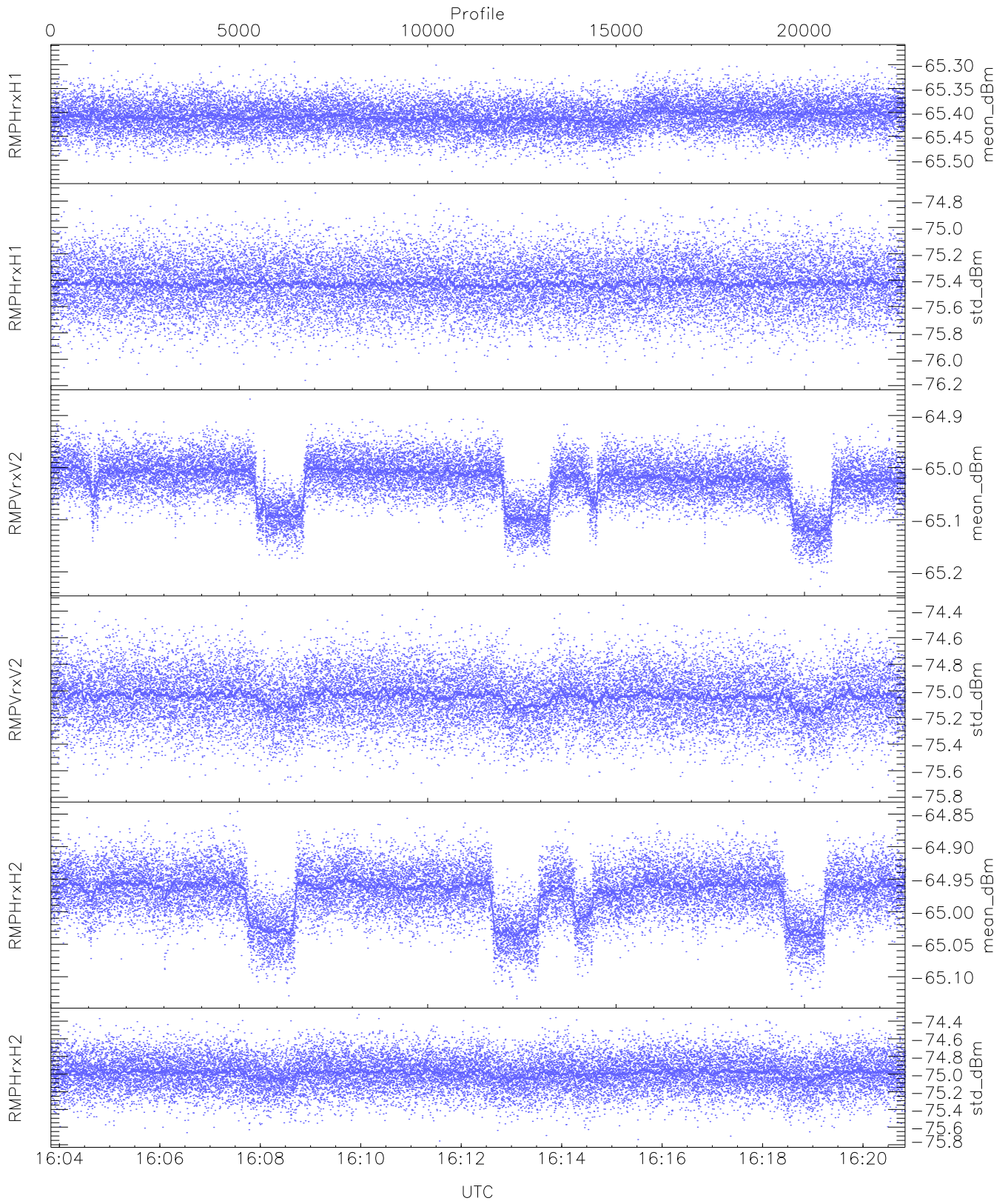
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,27,27,28`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,26,28,28,29`  
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)`



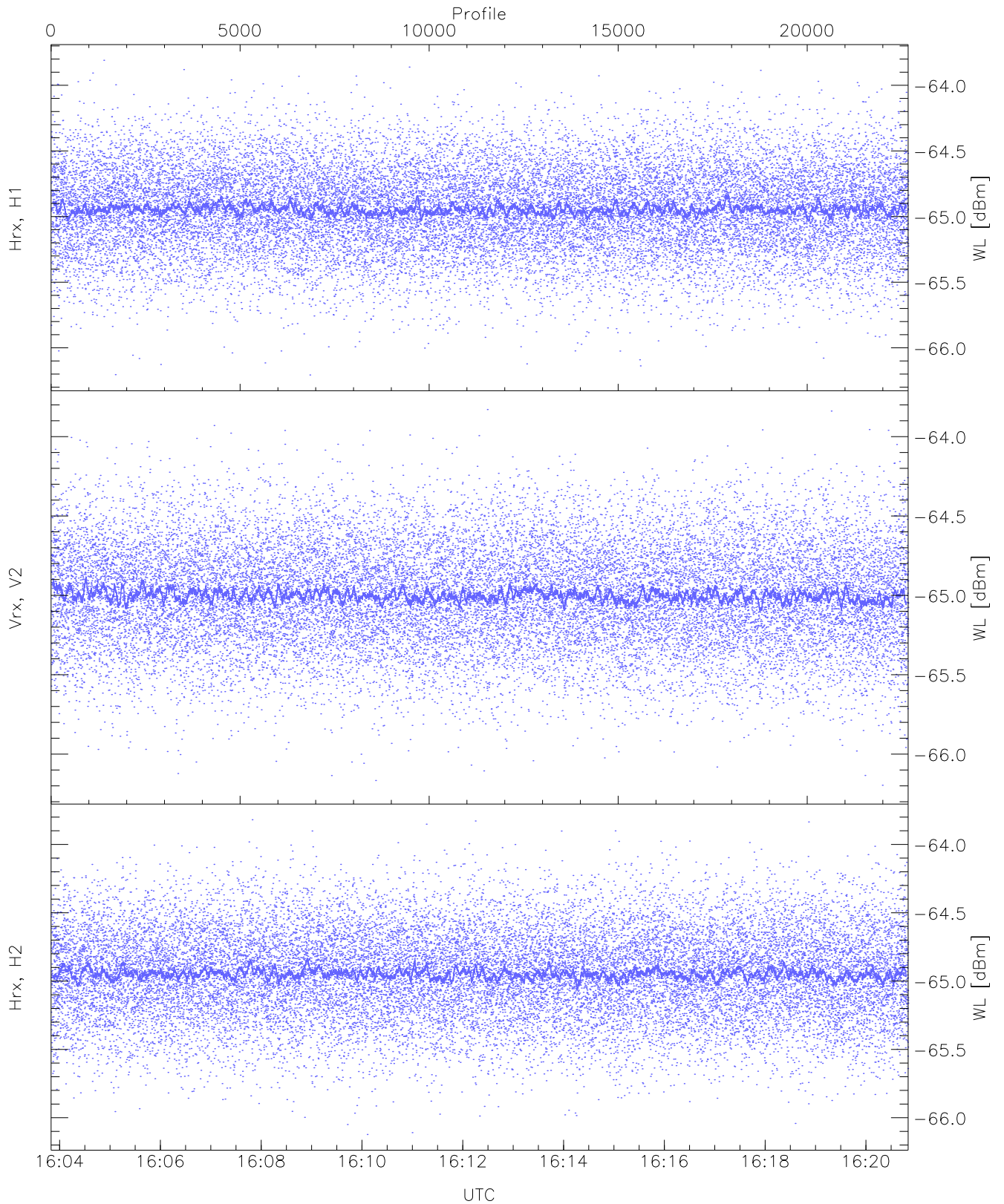
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 916 pixs, 2 gates, 916 profs, 1 prod(s)



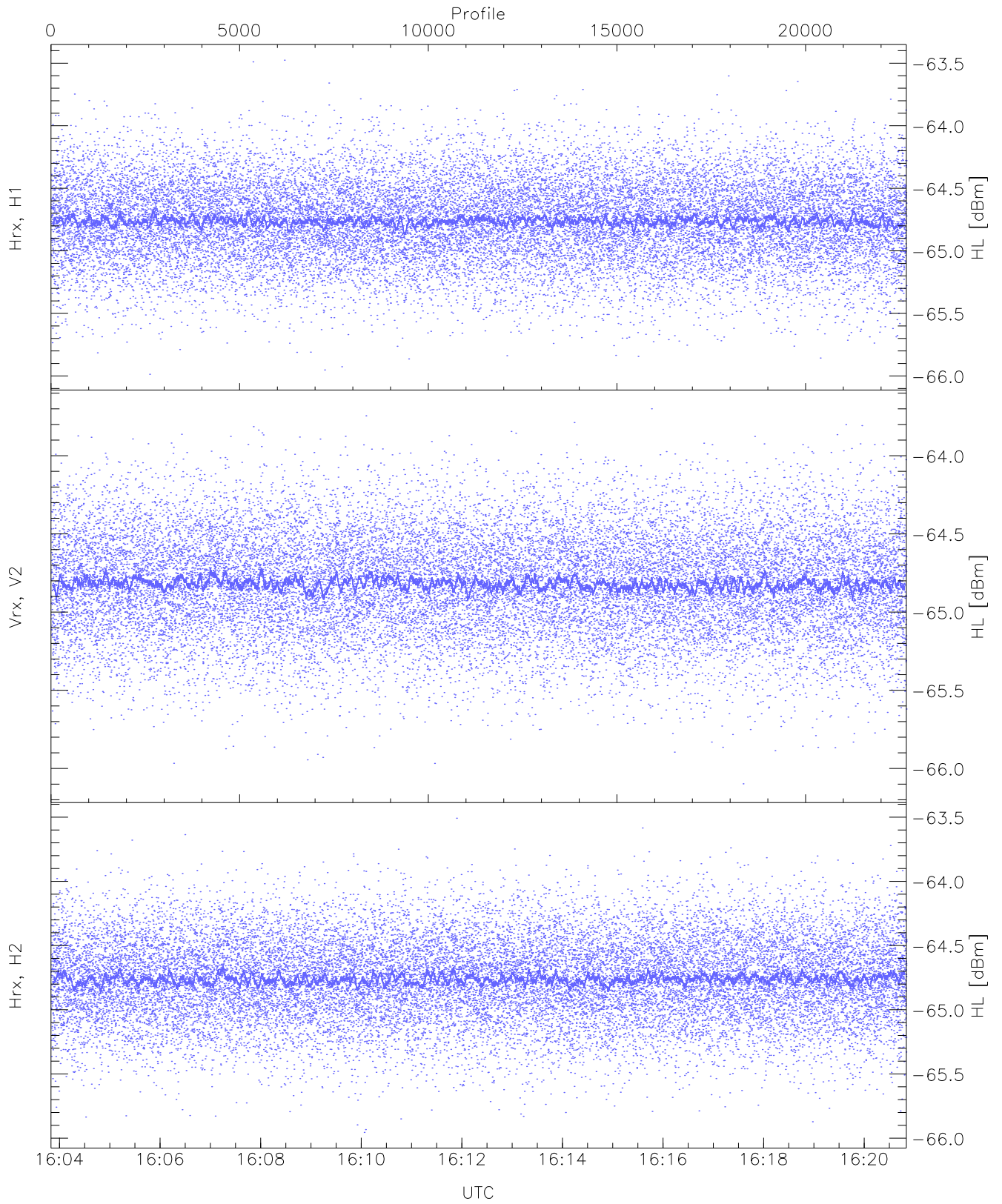
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.54	-65.27	-65.41	-65.41	-86.93
RMPHrxH1 (std_dBm)	-76.16	-74.74	-75.43	-75.43	-89.23
RMPVrxV2 (mean_dBm)	-65.23	-64.87	-65.03	-65.02	-84.91
RMPVrxV2 (std_dBm)	-75.76	-74.36	-75.04	-75.05	-88.76
RMPHrxH2 (mean_dBm)	-65.13	-64.85	-64.97	-64.97	-85.39
RMPHrxH2 (std_dBm)	-75.76	-74.32	-74.99	-74.99	-88.72



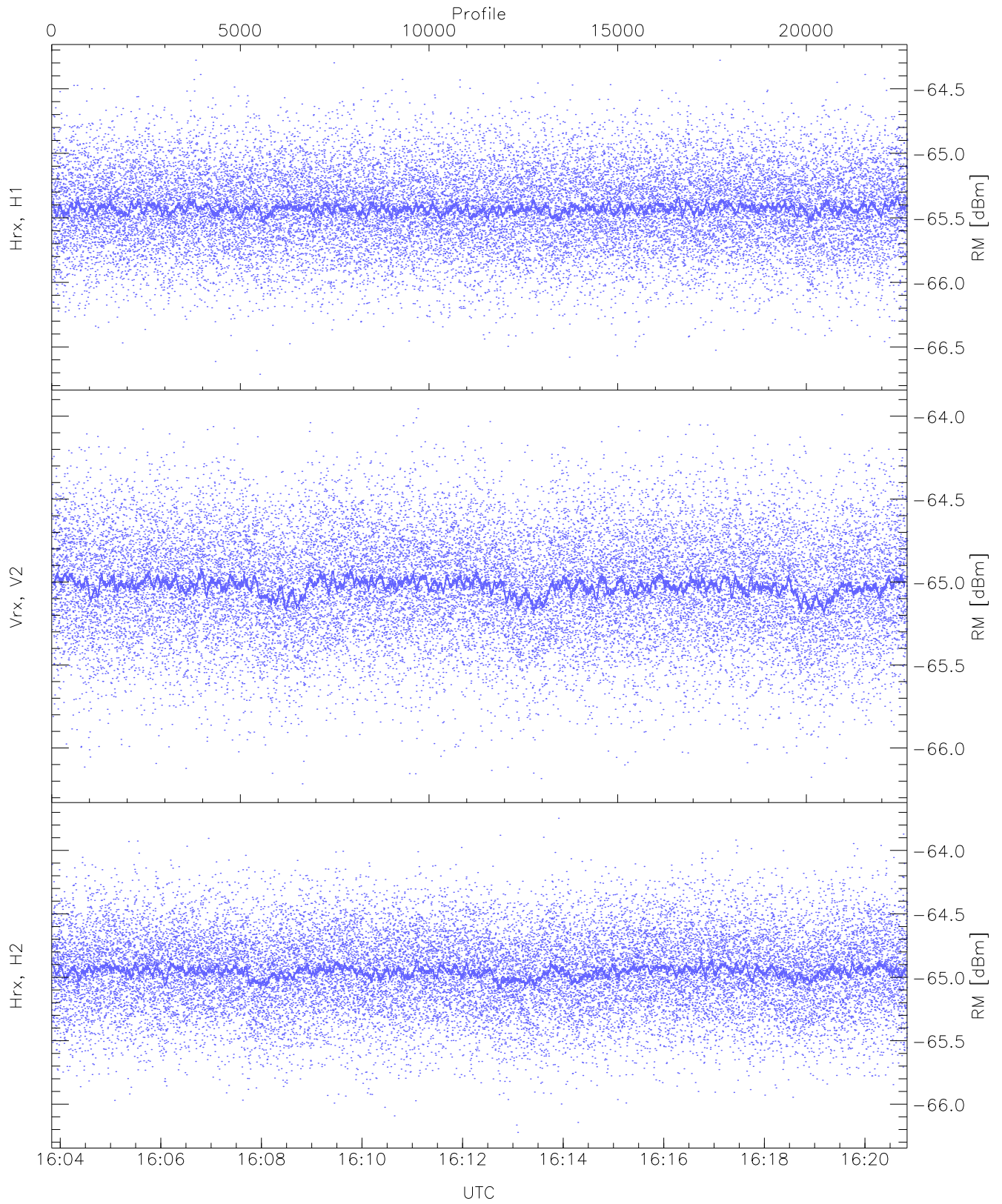
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.21	-63.81	-64.94	-64.94	-76.44
Vrx, V2 (WL [dBm])	-66.20	-63.83	-64.99	-65.00	-76.50
Hrx, H2 (WL [dBm])	-66.12	-63.82	-64.94	-64.94	-76.42



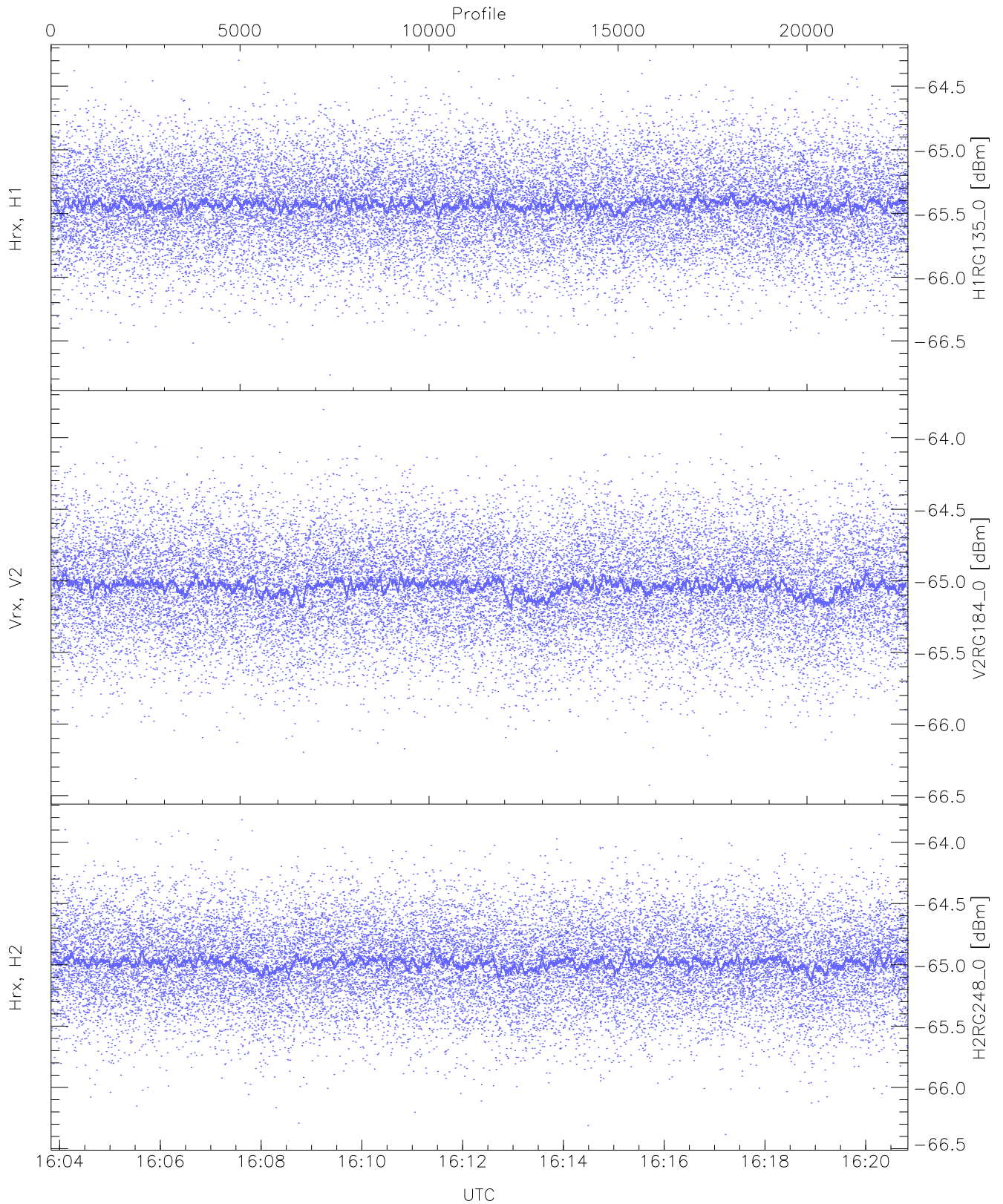
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.99	-63.48	-64.75	-64.76	-76.24
Vrx, V2 (HL [dBm])	-66.10	-63.70	-64.81	-64.82	-76.31
Hrx, H2 (HL [dBm])	-65.95	-63.51	-64.75	-64.76	-76.25



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

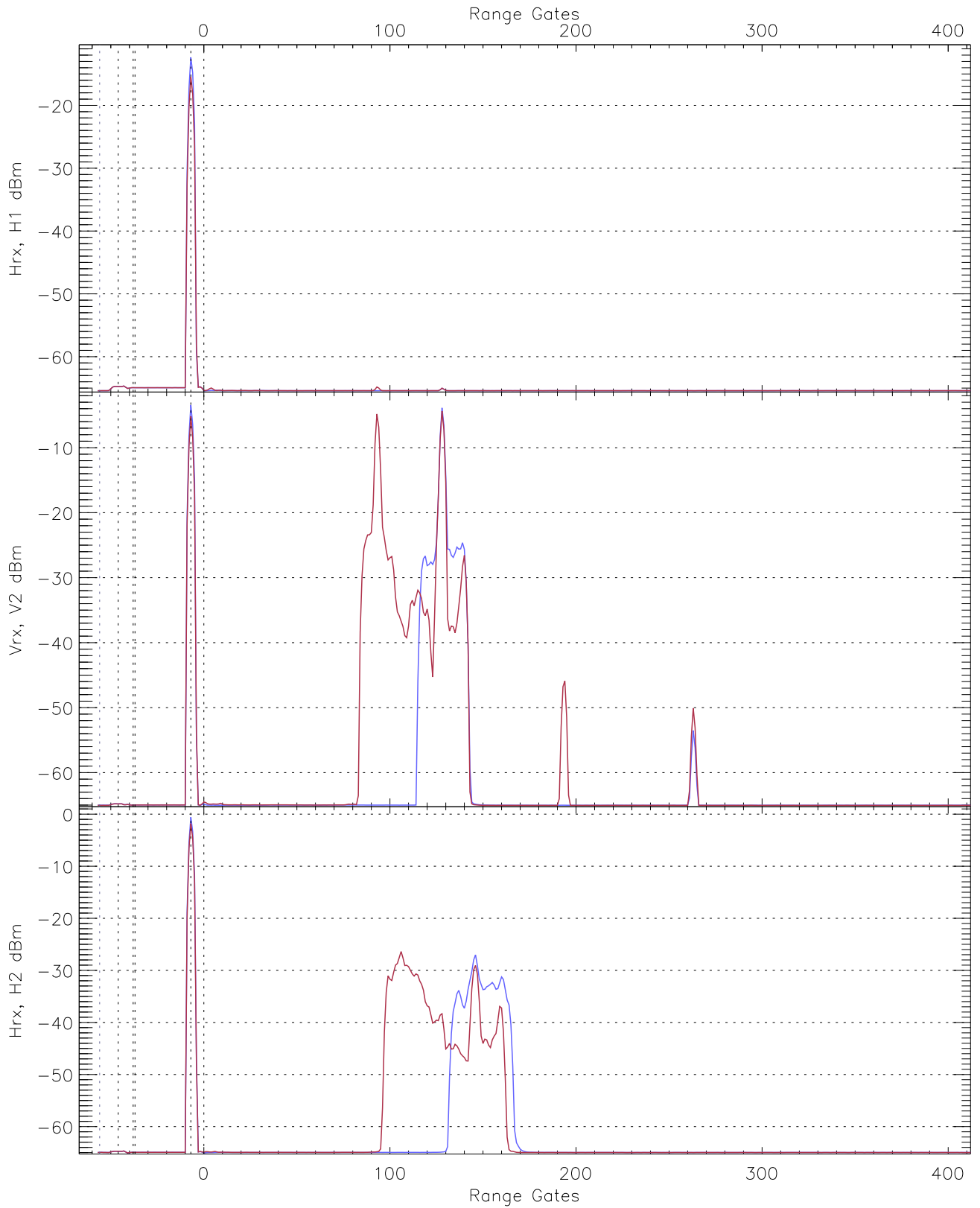
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.28	-65.42	-65.43	-76.96
Vrx, V2 (RM [dBm])	-66.22	-63.96	-65.02	-65.02	-76.53
Hrx, H2 (RM [dBm])	-66.22	-63.75	-64.95	-64.95	-76.43



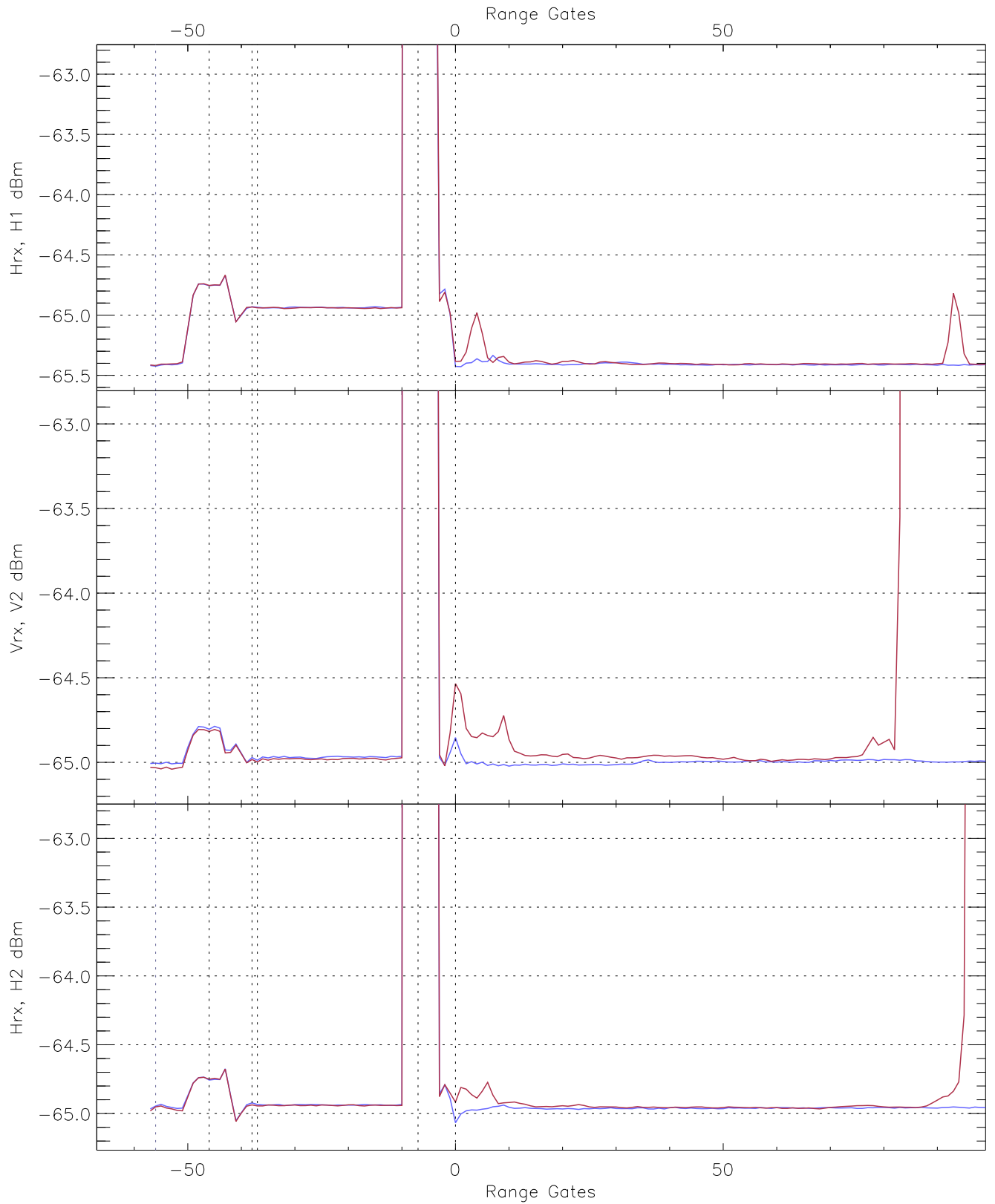
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG135_0 [dBm]	-66.77	-64.30	-65.42	-65.43	-76.91
V2RG184_0 [dBm]	-66.43	-63.80	-65.03	-65.04	-76.53
H2RG248_0 [dBm]	-66.38	-63.82	-64.98	-64.99	-76.49

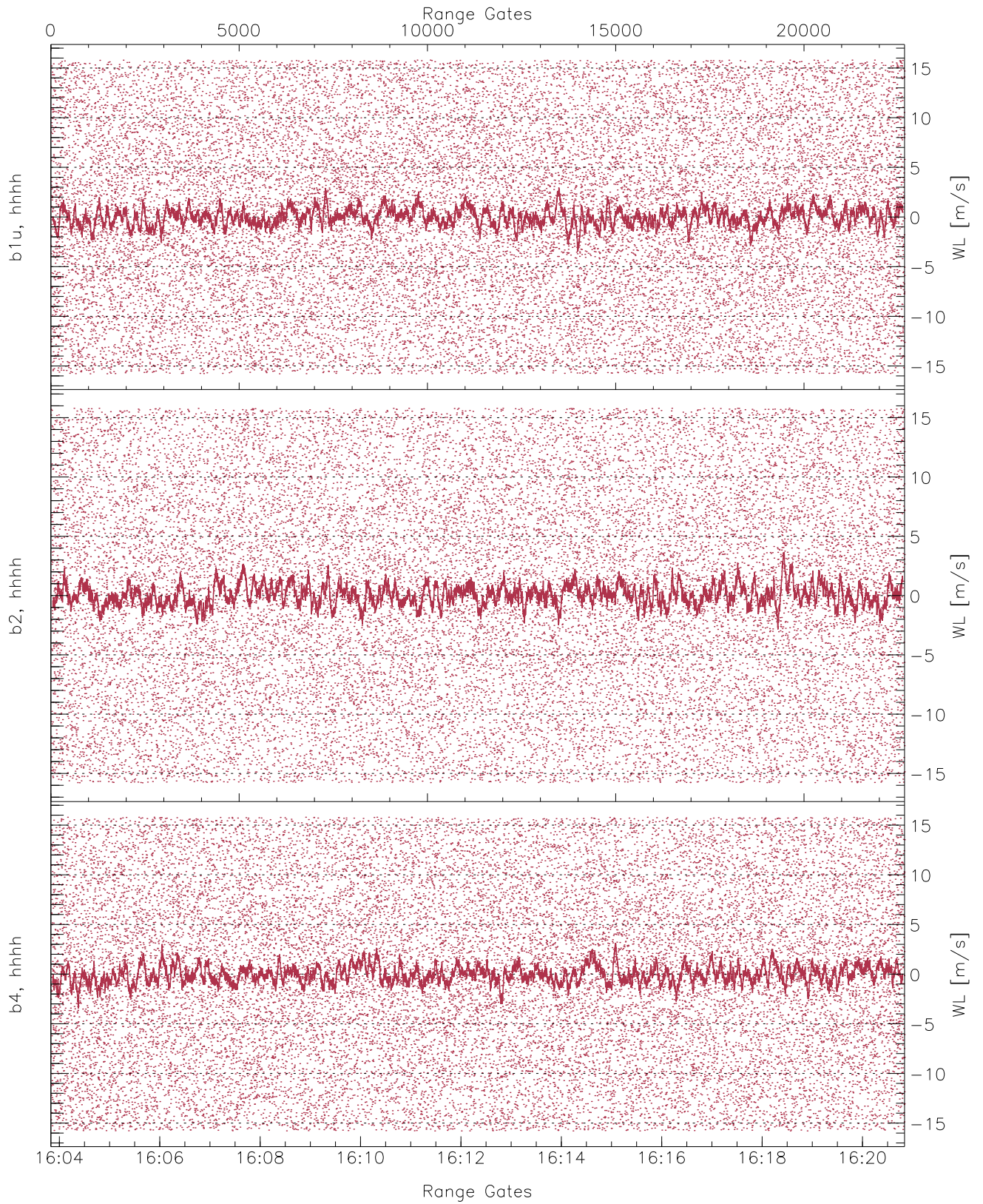




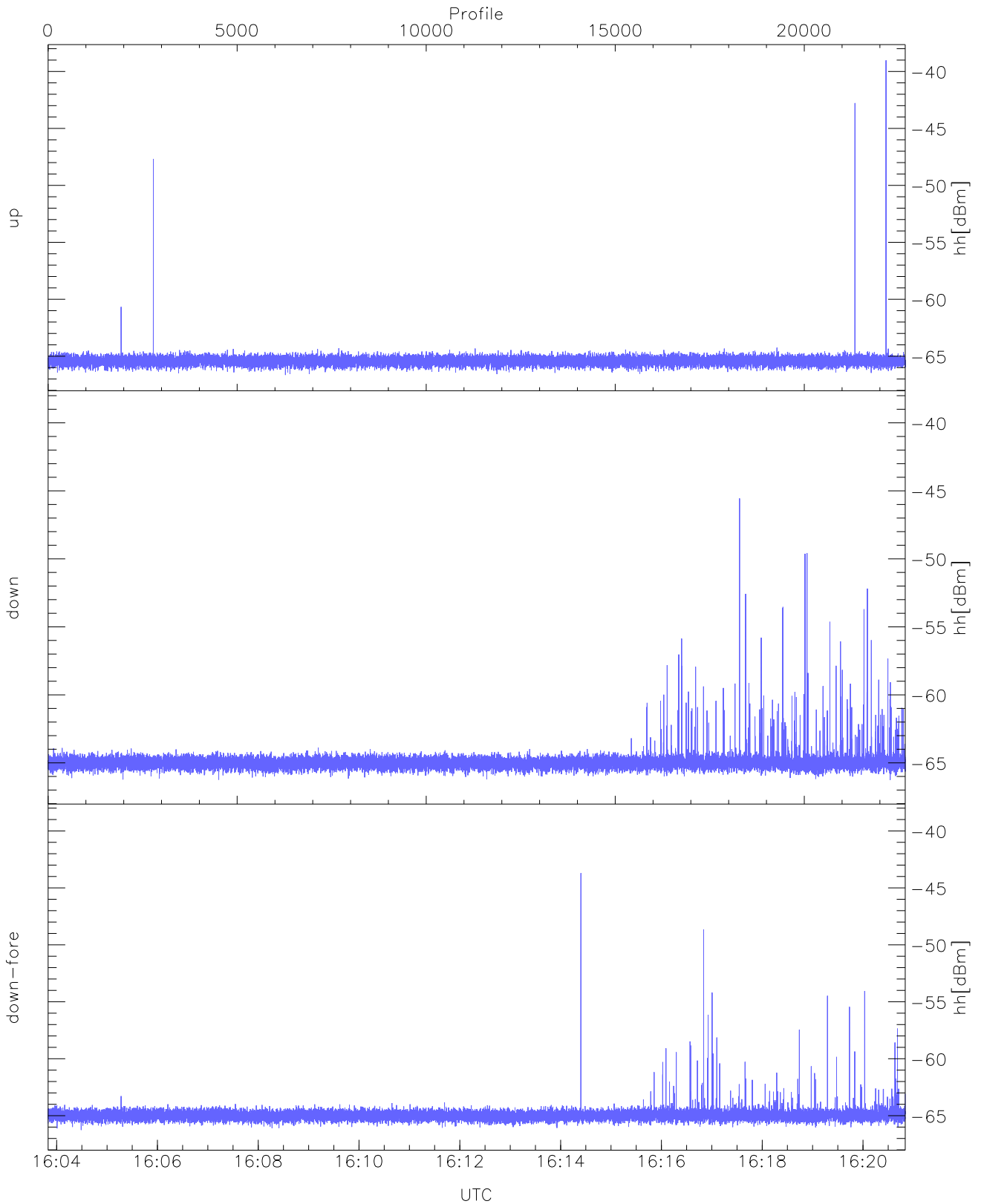
WCR3 CPP Averaged Received power for all recorded gates  
blue: 160350-161220, 11337 profiles averaged  
red: 161220-162050, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 160350-161220, 11337 profiles averaged  
red: 161220-162050, 11336 profiles averaged

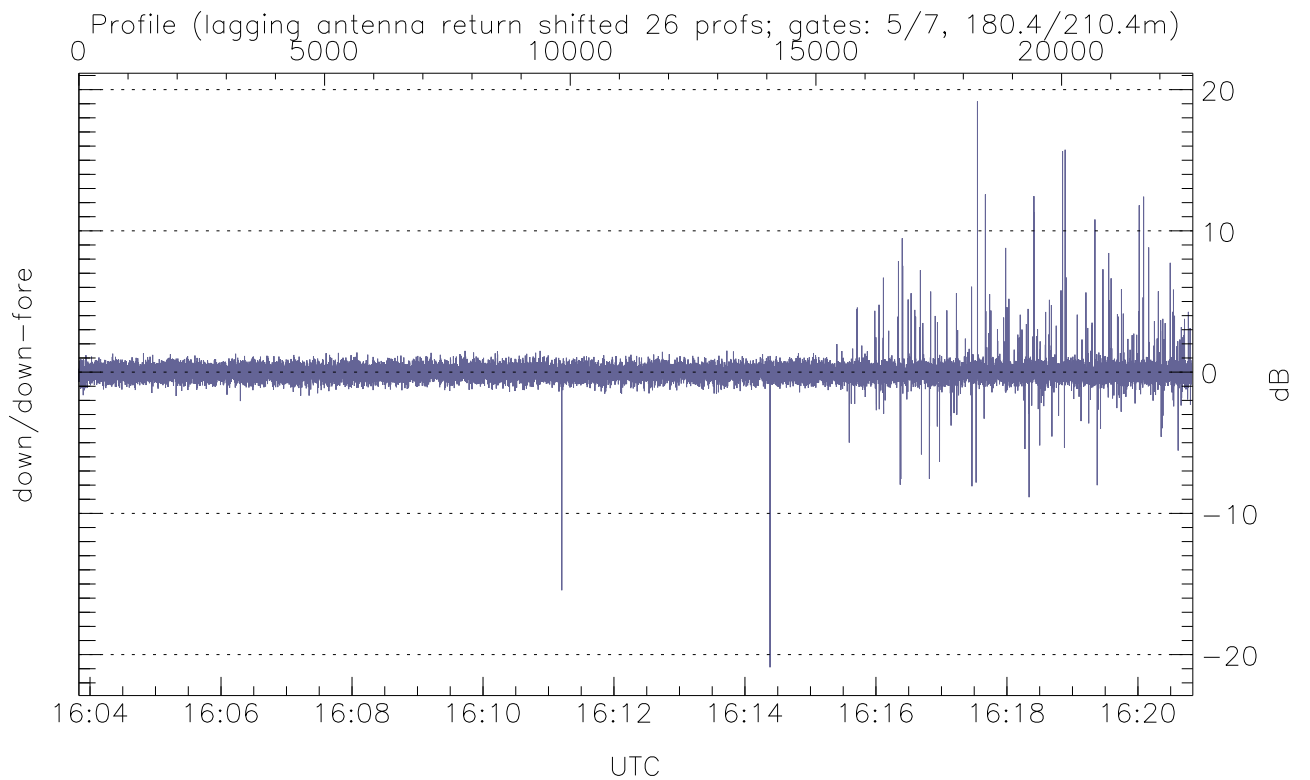
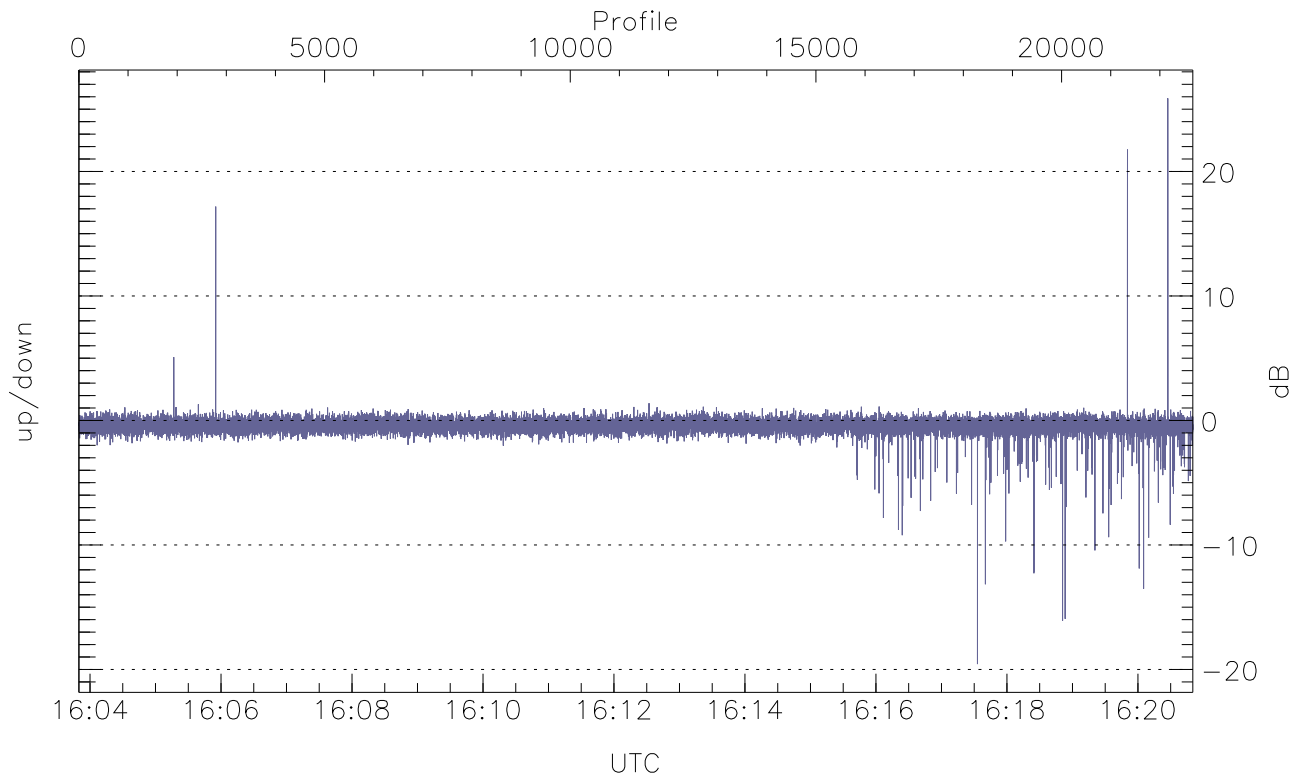


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



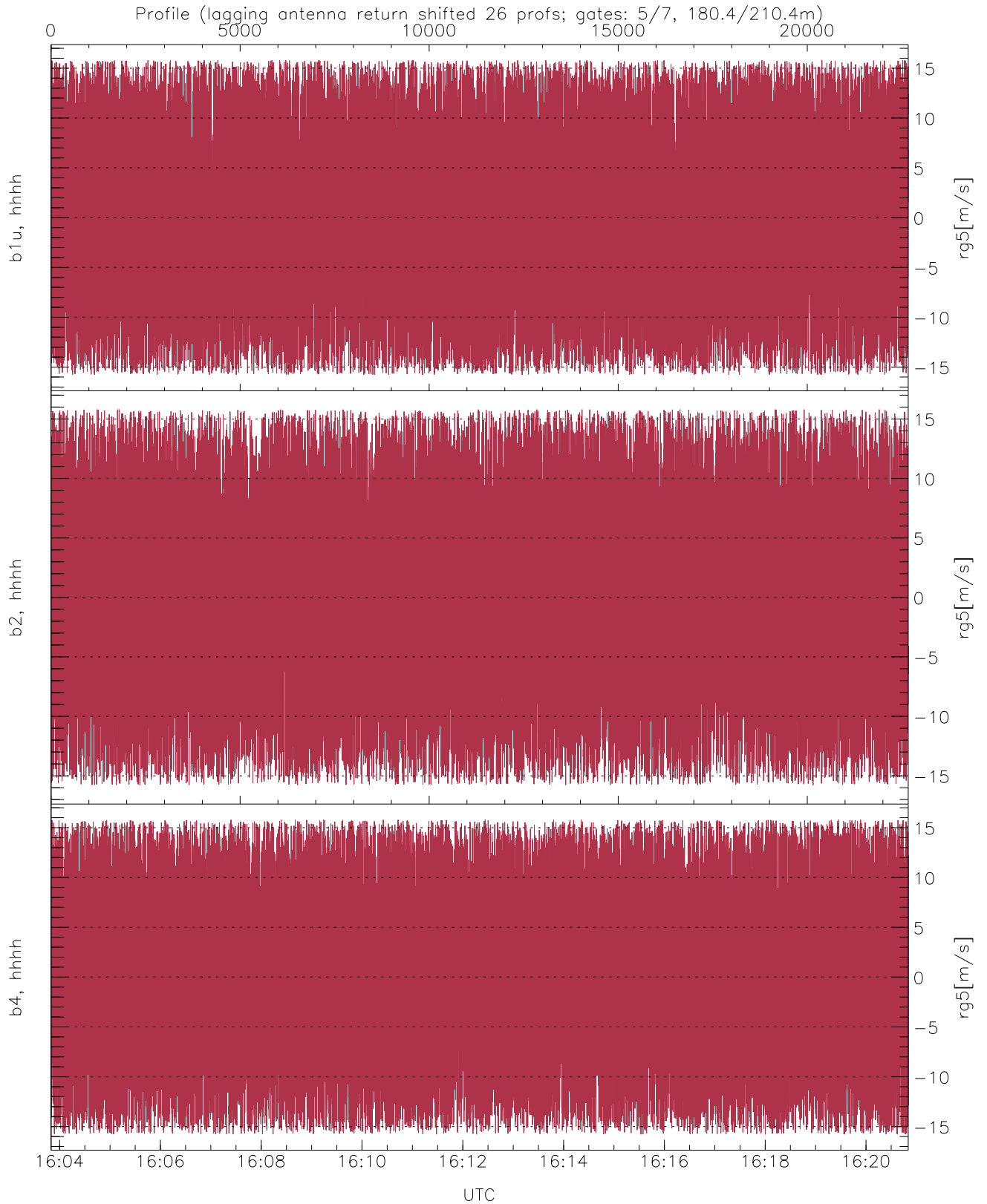
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.65	-39.02	-65.27
down(hh[dBm])	-66.25	-45.55	-64.91
down-fore(hh[dBm])	-66.26	-43.70	-64.90



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

	Min	Max	Mean
up/down (dB)	-19.57	25.88	-0.43
down/down-fore (dB)	-20.90	19.16	-0.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.00	8.79
b2, hhhh(rg5[m/s])	-15.78	15.79	0.02	8.36
b4, hhhh(rg5[m/s])	-15.78	15.79	0.02	8.91