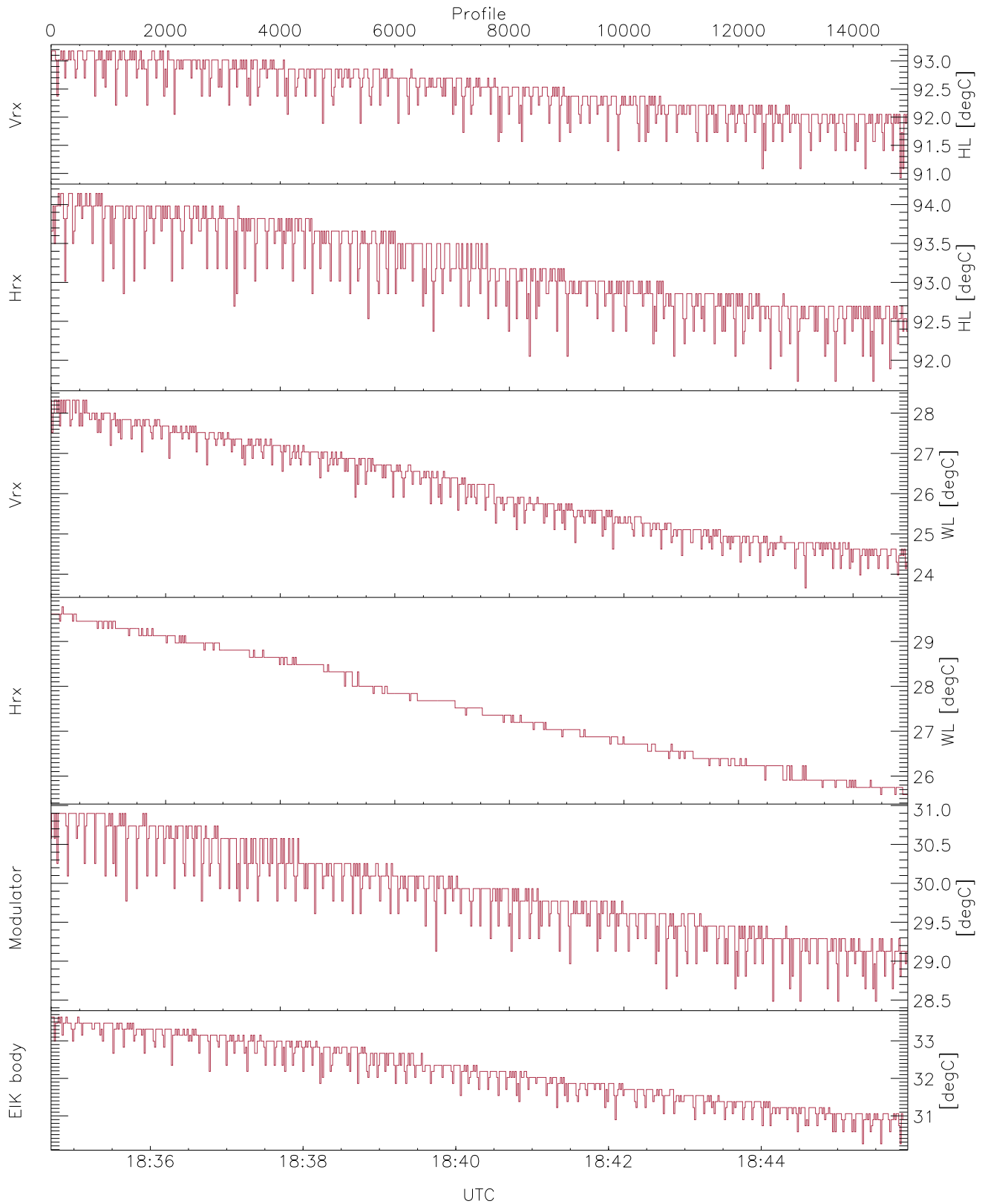


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

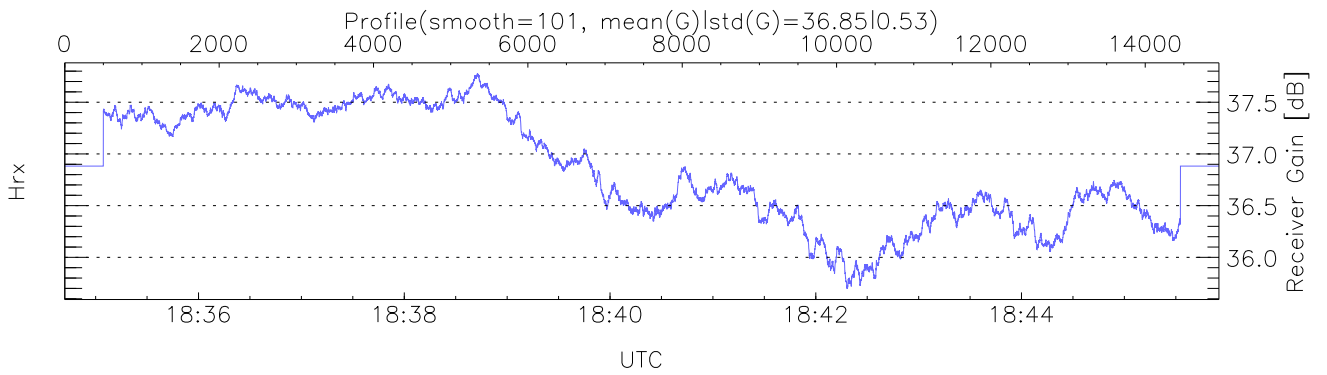
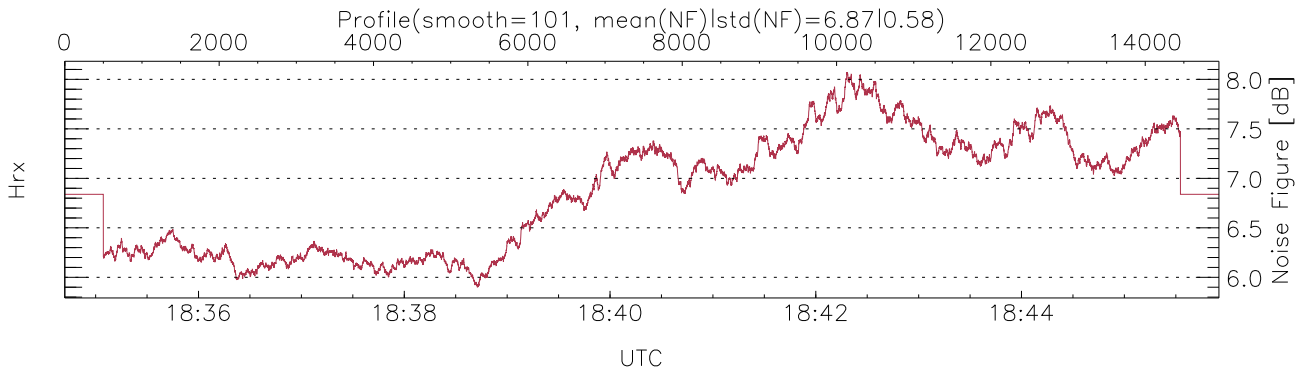
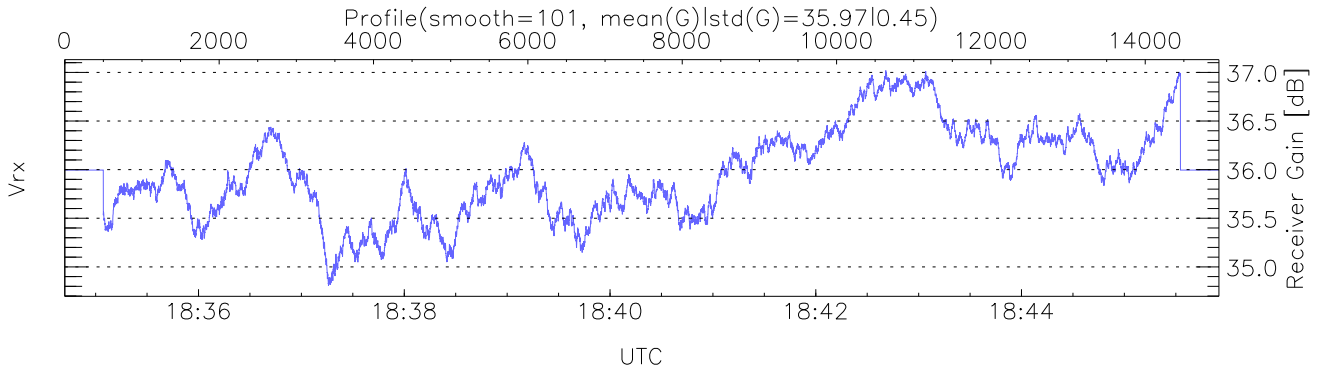
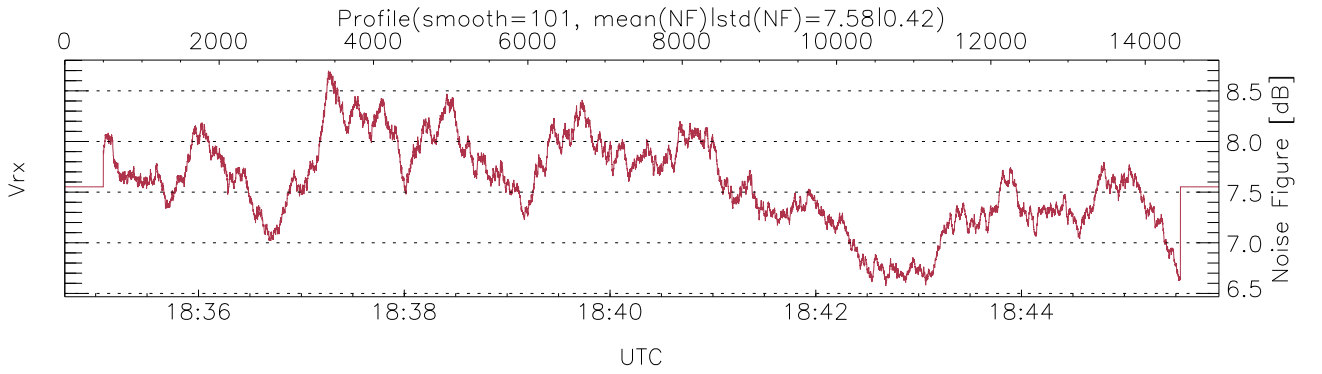
UTC: 18:34:42-18:45:55, TimeCor: 0.00s, Dur: 673.14s  
 TimeFlg: 2, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 14956/14956, 0-14955/18:34:42-18:45:55  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, IFF: 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(-910112,3,9x = no mirrorsideluplerror): 1



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

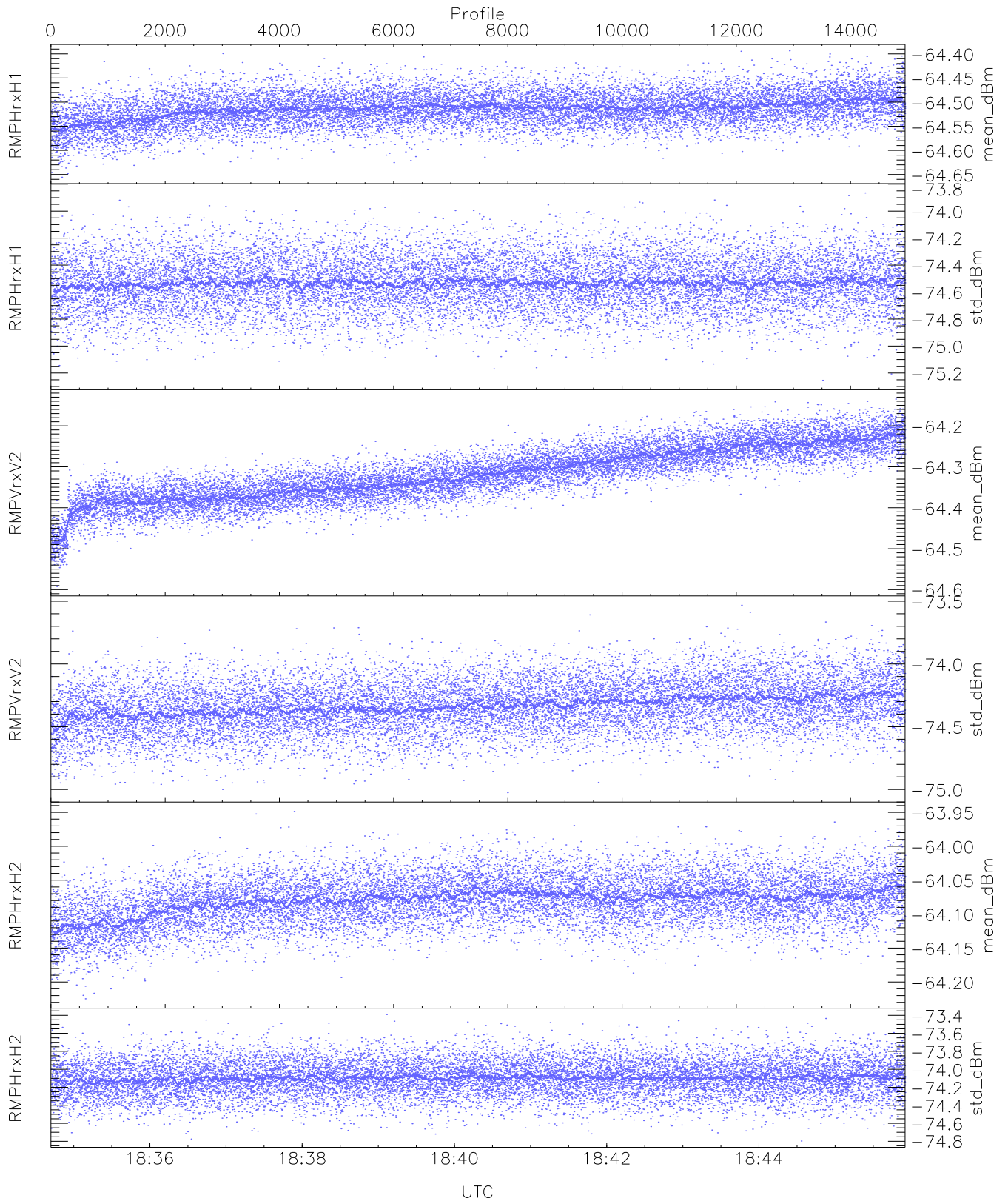
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,23,25,28,30`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,29,30,33`  
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)`



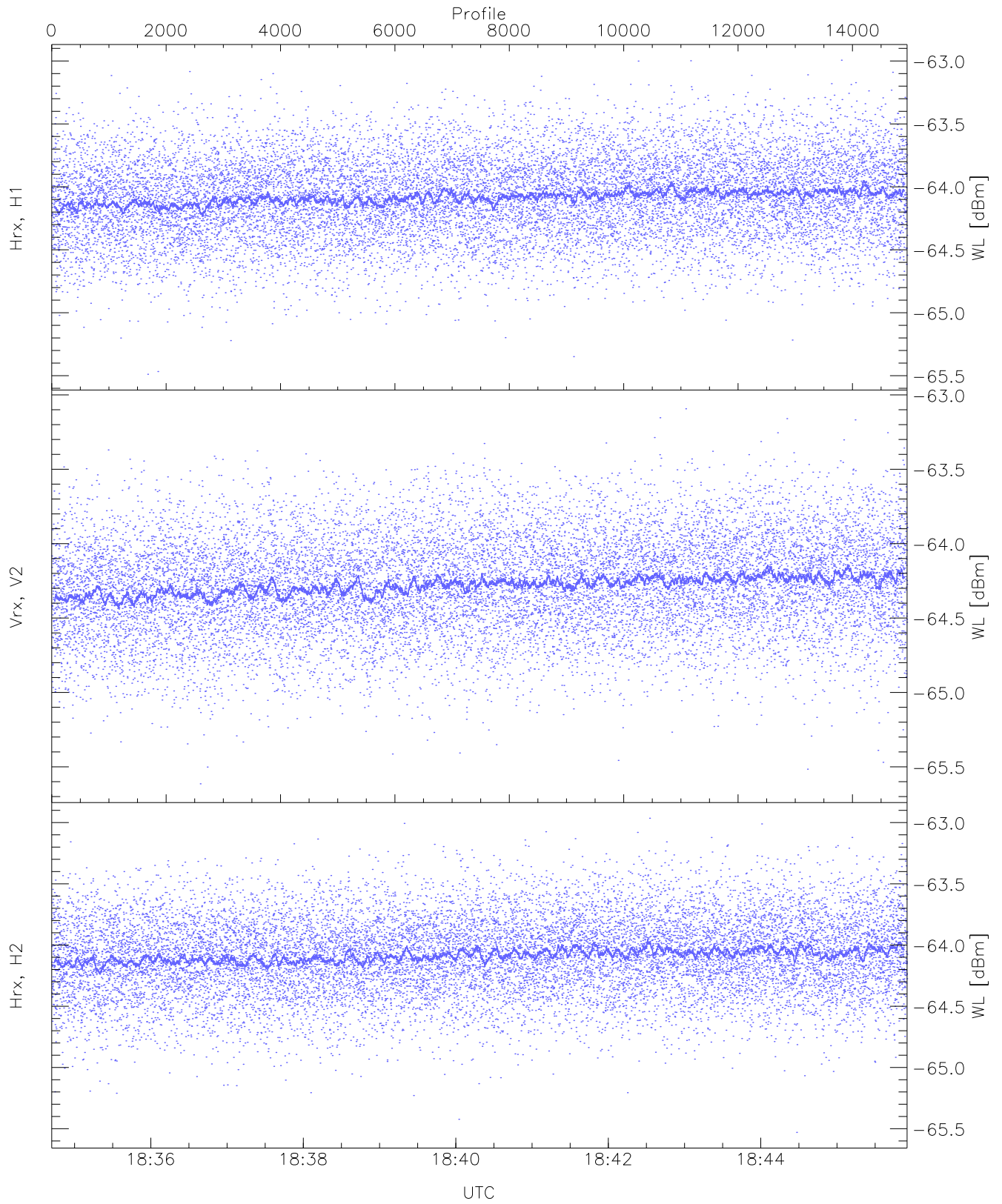
### WCR3 CPP Receivers Gain and Noise Figure

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



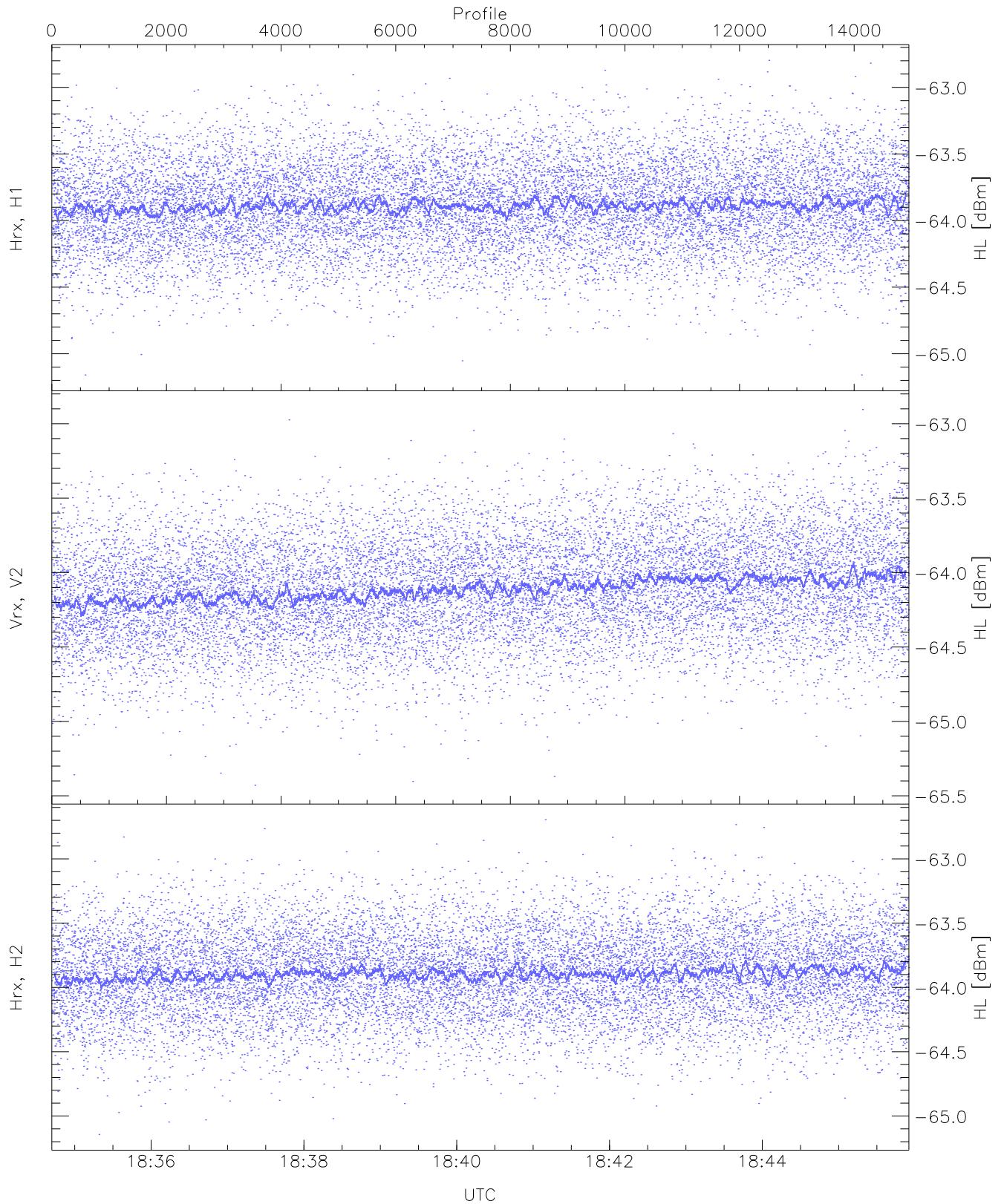
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-64.66	-64.39	-64.51	-64.51	-85.73
RMPHrxH1 (std_dBm)	-75.25	-73.87	-74.53	-74.53	-88.31
RMPVrxV2 (mean_dBm)	-64.59	-64.13	-64.32	-64.32	-82.46
RMPVrxV2 (std_dBm)	-75.03	-73.53	-74.33	-74.34	-87.90
RMPHrxH2 (mean_dBm)	-64.22	-63.95	-64.08	-64.08	-85.21
RMPHrxH2 (std_dBm)	-74.80	-73.39	-74.10	-74.10	-87.86



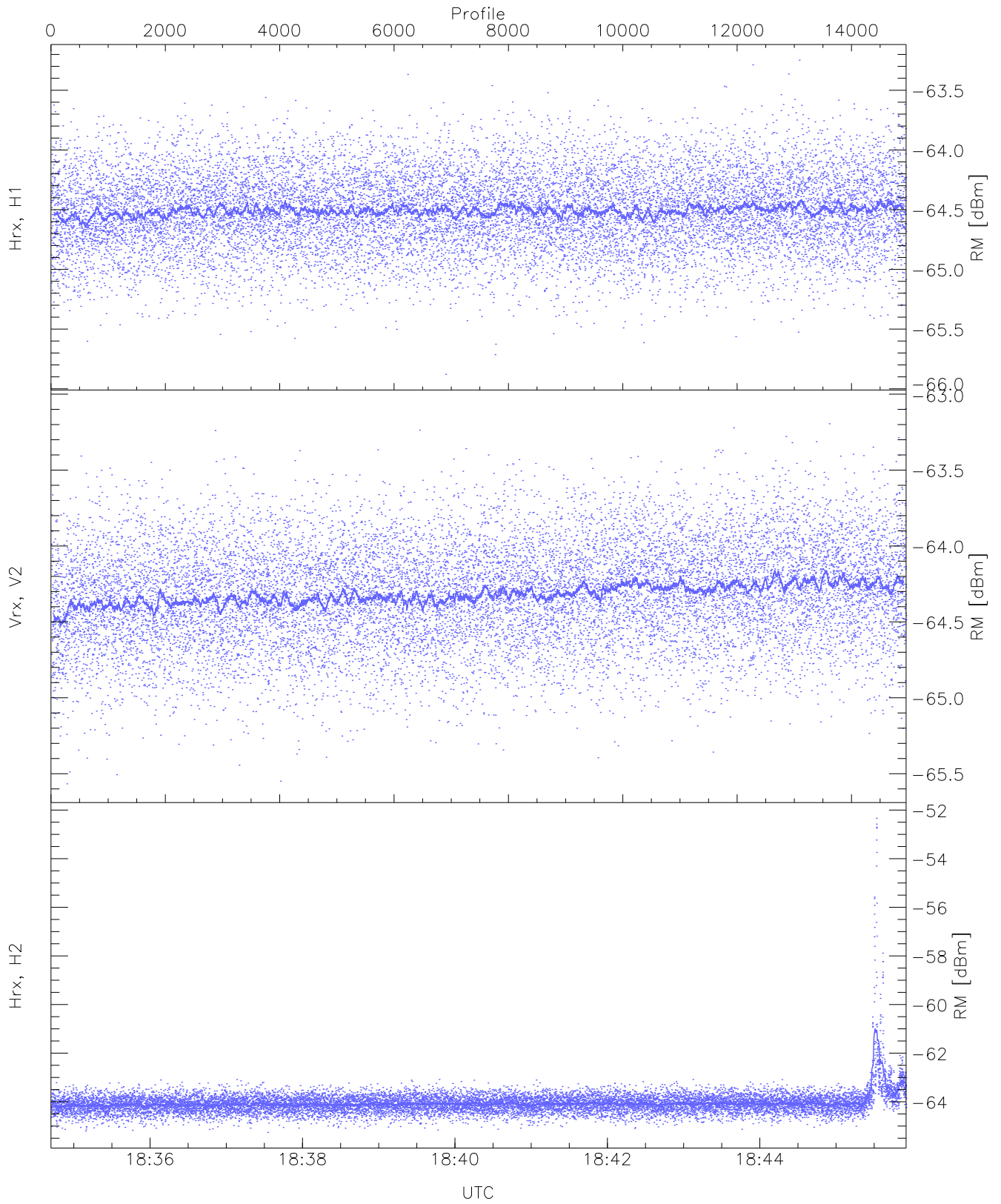
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.49	-62.99	-64.08	-64.08	-75.58
Vrx, V2 (WL [dBm])	-65.61	-63.09	-64.27	-64.28	-75.71
Hrx, H2 (WL [dBm])	-65.53	-62.96	-64.08	-64.08	-75.58



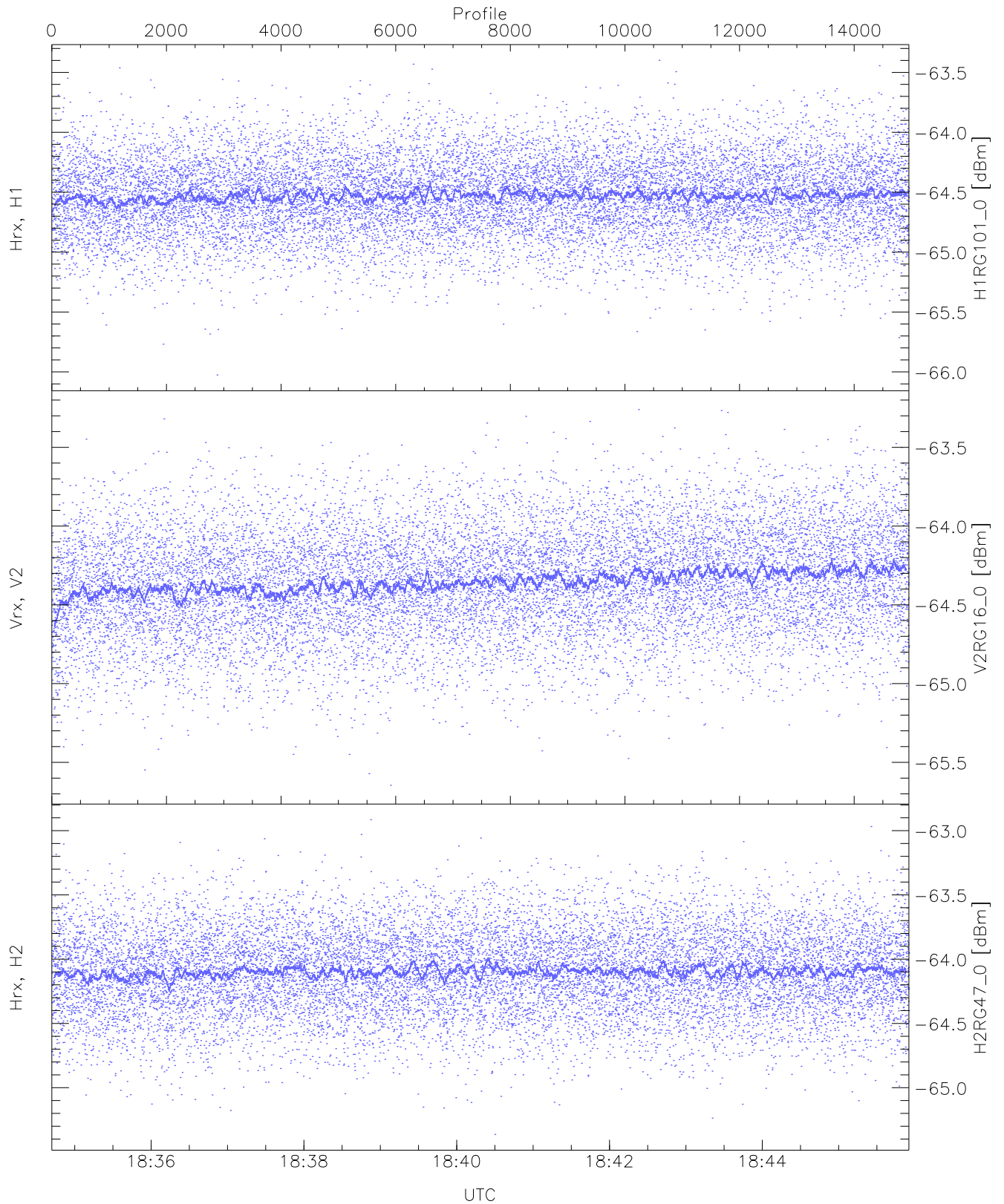
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.16	-62.80	-63.88	-63.89	-75.40
Vrx, V2 (HL [dBm])	-65.43	-62.90	-64.10	-64.12	-75.48
Hrx, H2 (HL [dBm])	-65.14	-62.70	-63.89	-63.89	-75.36



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

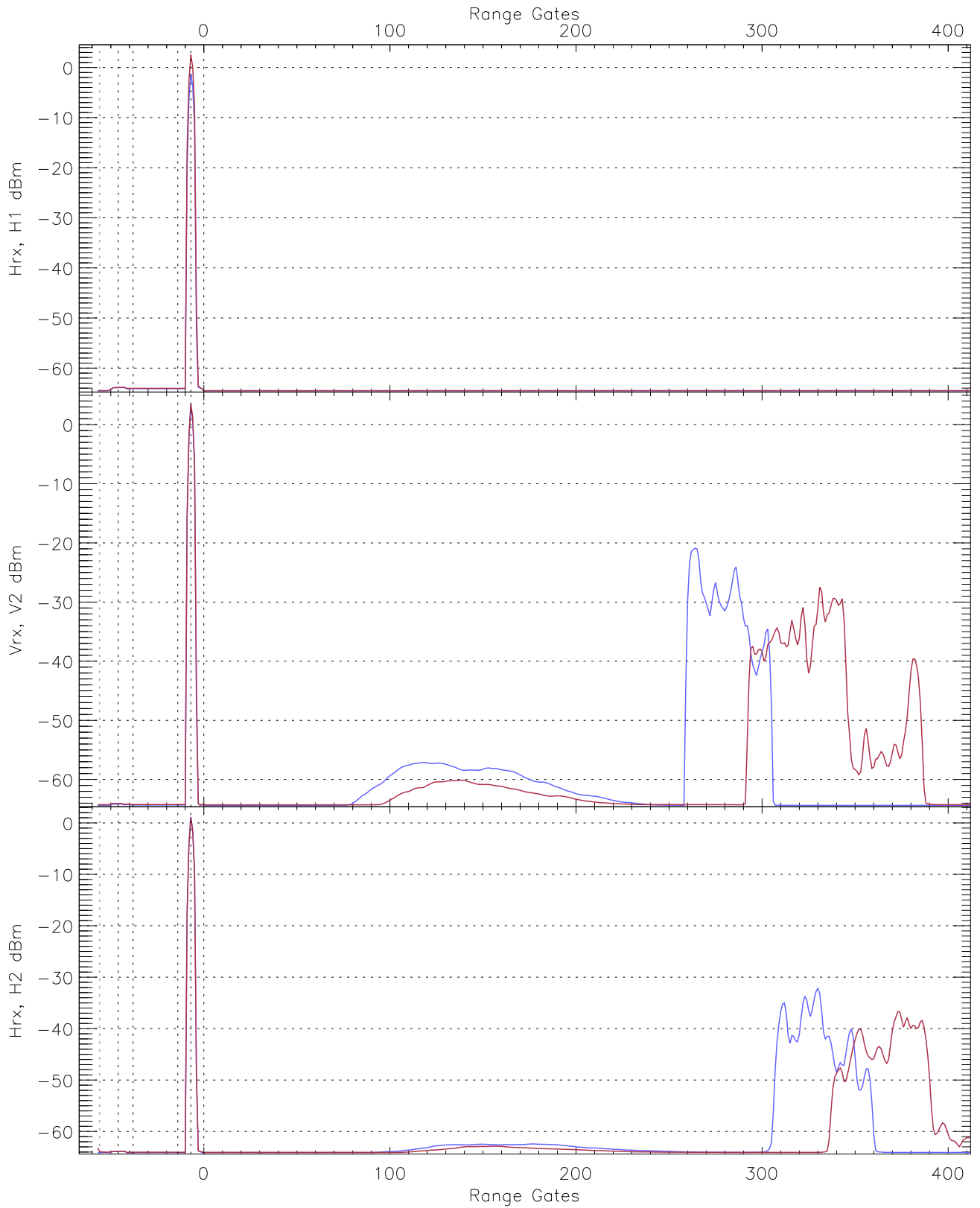
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.88	-63.25	-64.50	-64.51	-75.97
Vrx, V2 (RM [dBm])	-65.57	-63.10	-64.31	-64.32	-75.70
Hrx, H2 (RM [dBm])	-65.26	-52.34	-64.00	-64.08	-69.15



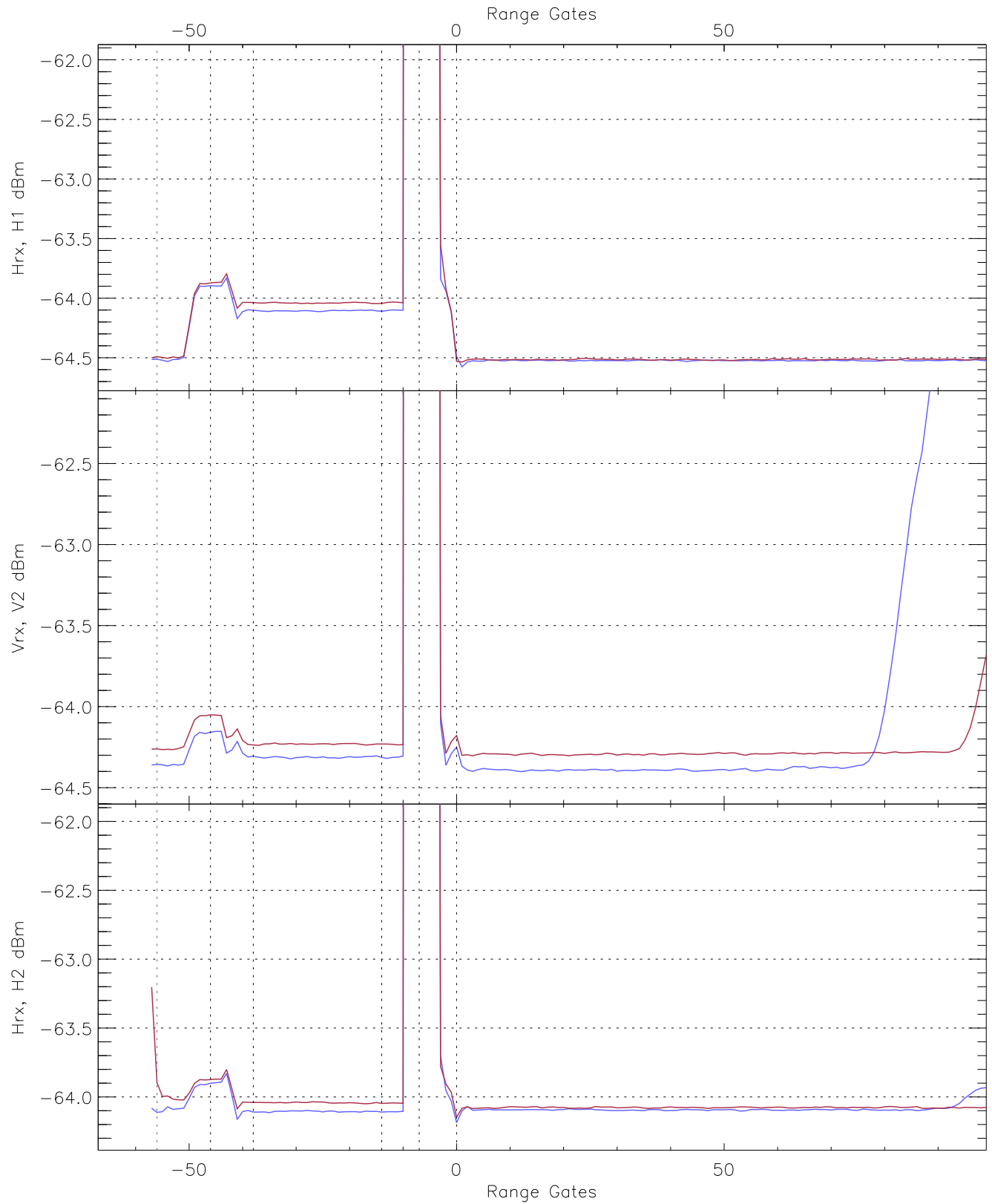
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG101_0 [dBm]	-66.03	-63.40	-64.52	-64.53	-76.01
V2RG16_0 [dBm]	-65.65	-63.26	-64.35	-64.36	-75.79
H2RG47_0 [dBm]	-65.36	-62.92	-64.09	-64.10	-75.59

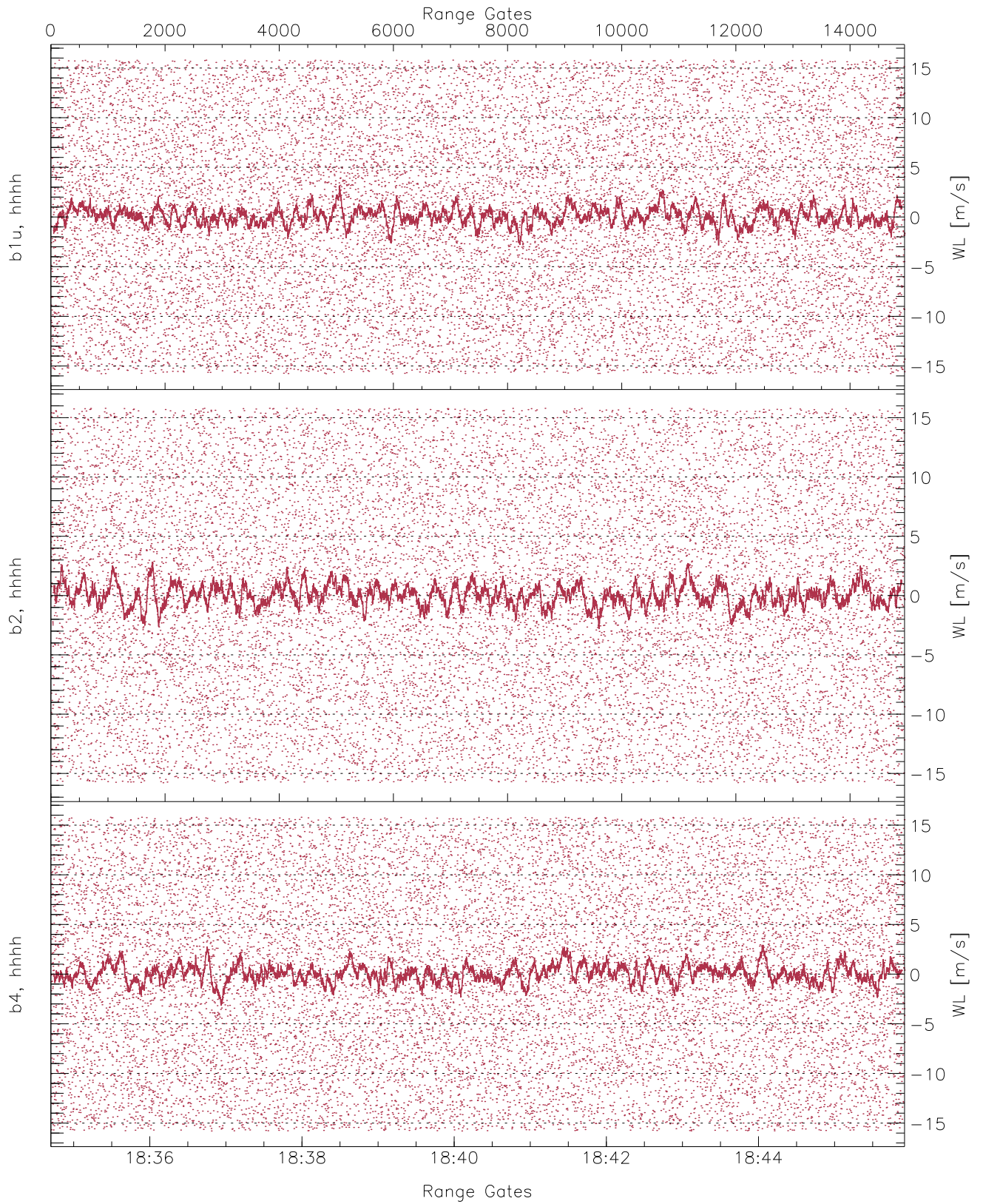




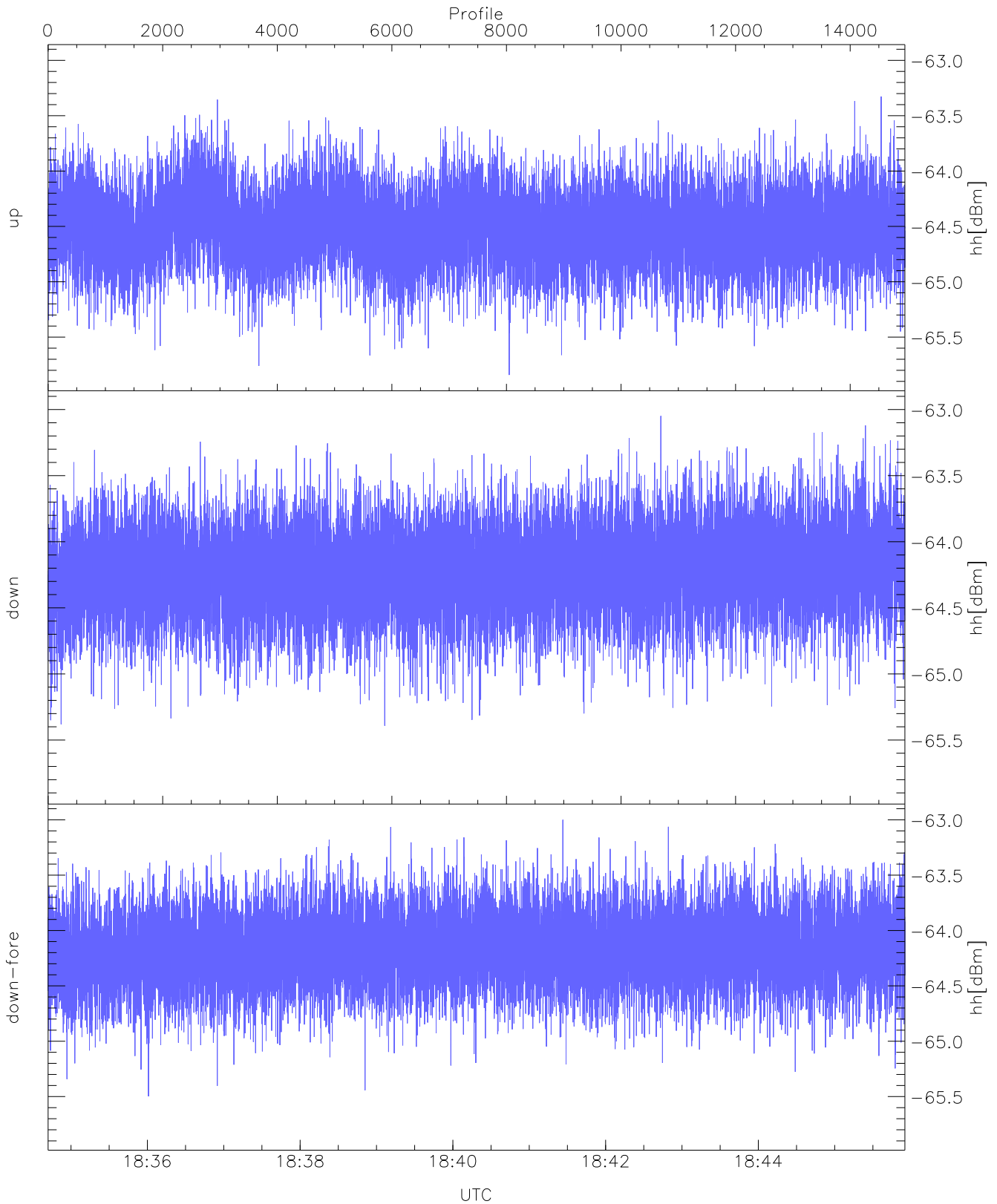
WCR3 CPP Averaged Received power for all recorded gates  
blue: 183442-184019, 7479 profiles averaged  
red: 184019-184555, 7478 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 183442-184019, 7479 profiles averaged  
red: 184019-184555, 7478 profiles averaged

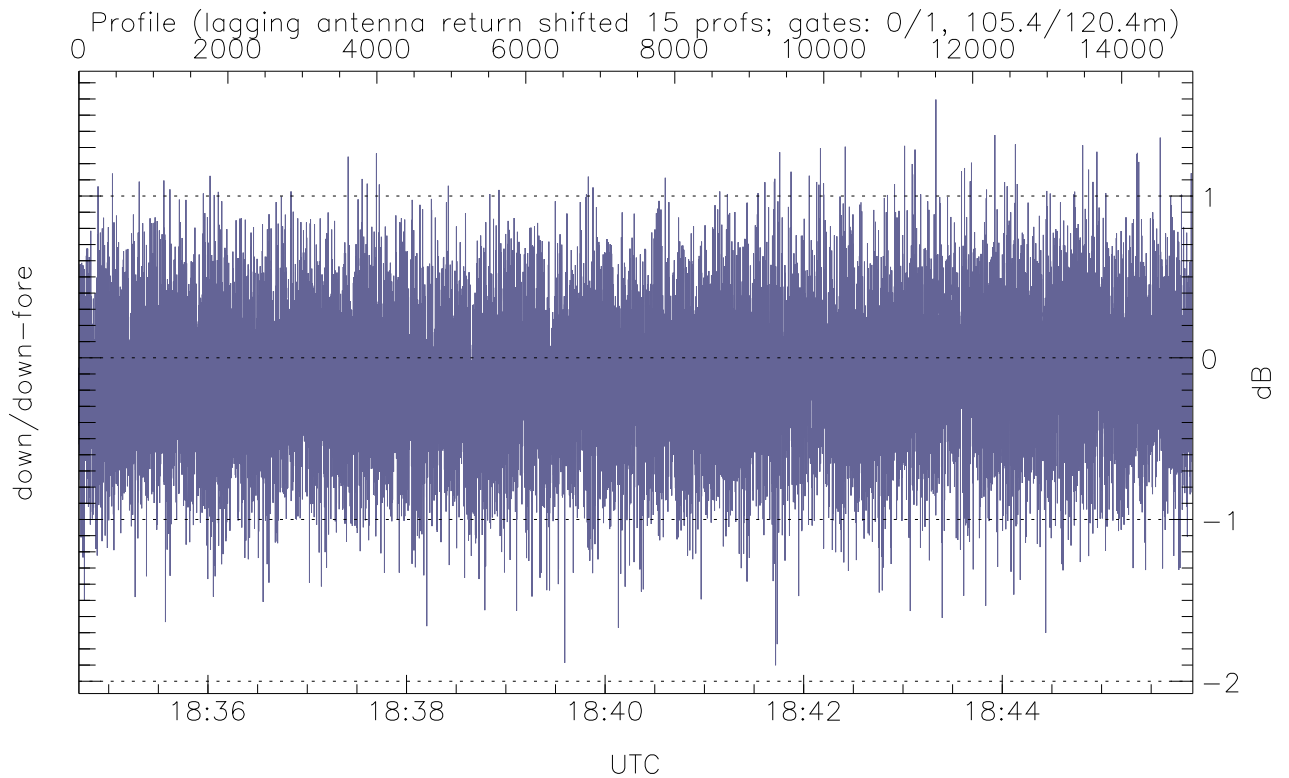
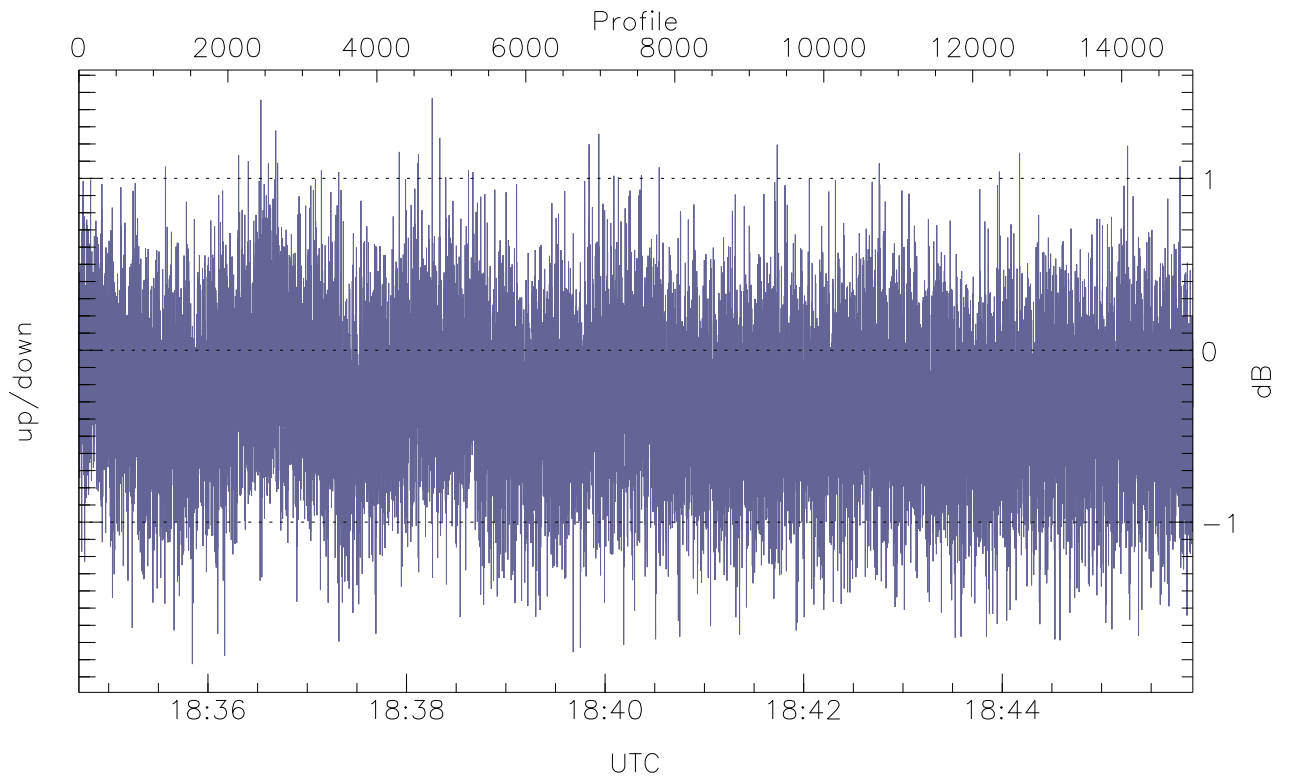


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



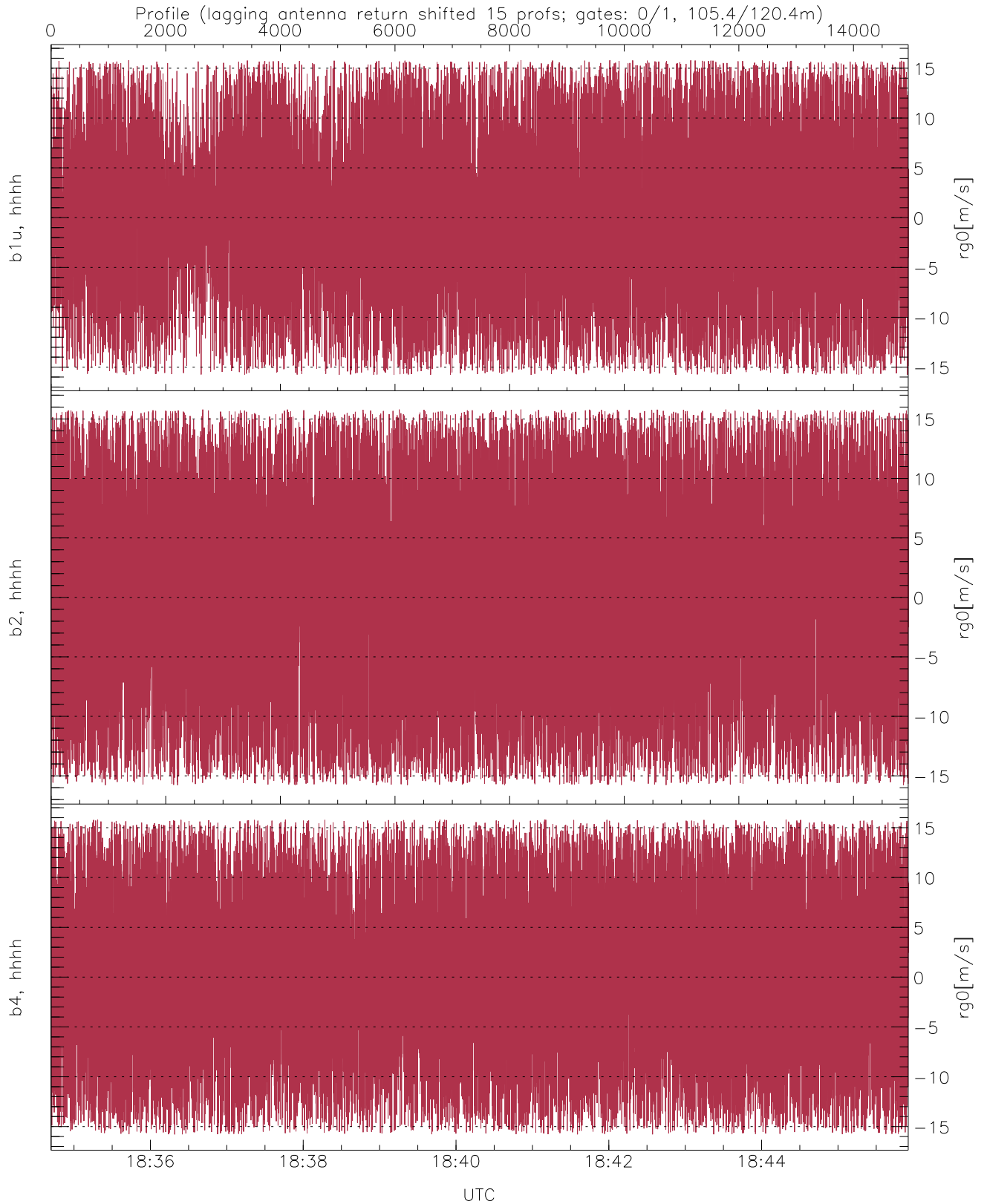
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.84	-63.33	-64.51
down(hh[dBm])	-65.39	-63.05	-64.21
down-fore(hh[dBm])	-65.50	-63.00	-64.17



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

	Min	Max	Mean
up/down (dB)	-1.83	1.47	-0.30
down/down-fore (dB)	-1.90	1.60	-0.12



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.78	15.79	0.02	8.14
b2, hhhh(rg0[m/s])	-15.78	15.79	0.09	8.91
b4, hhhh(rg0[m/s])	-15.79	15.79	0.05	8.56