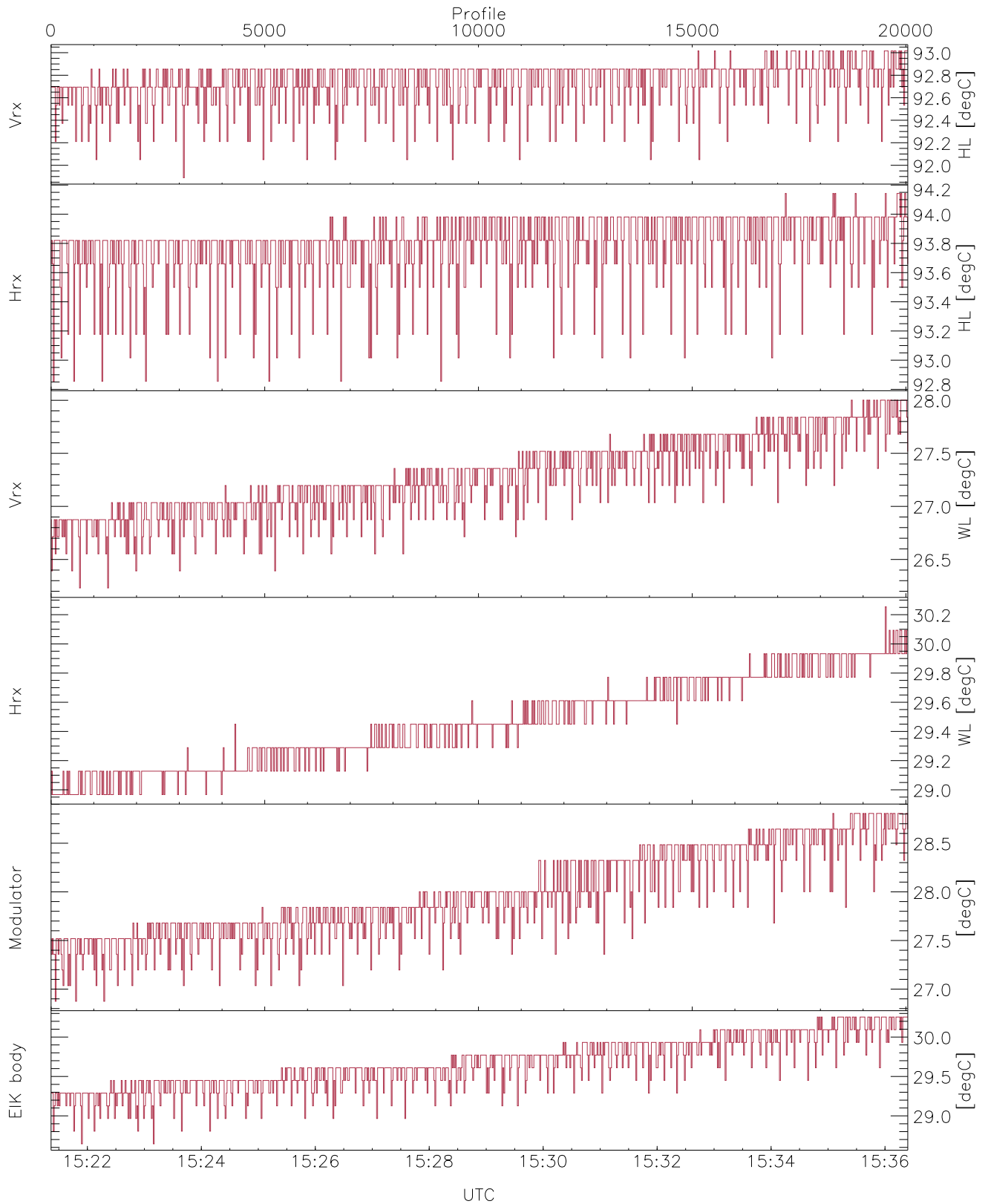


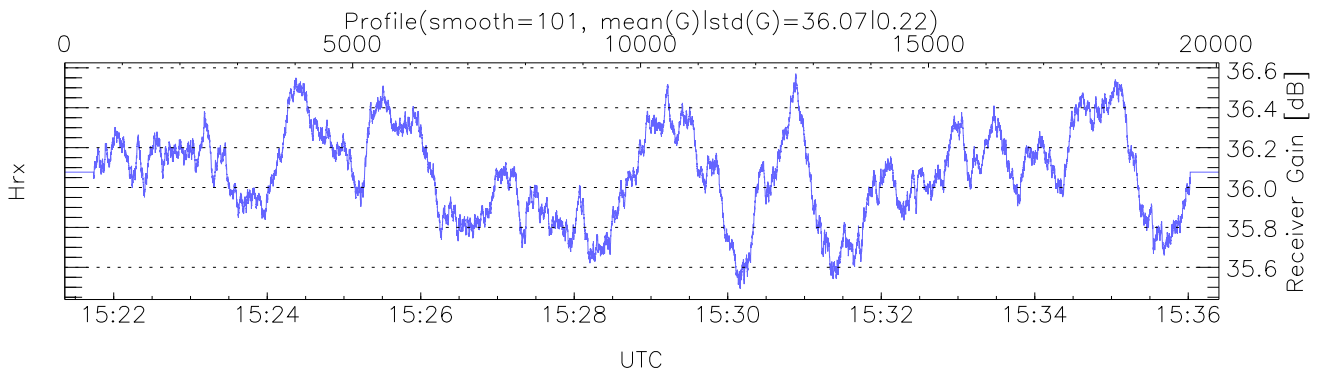
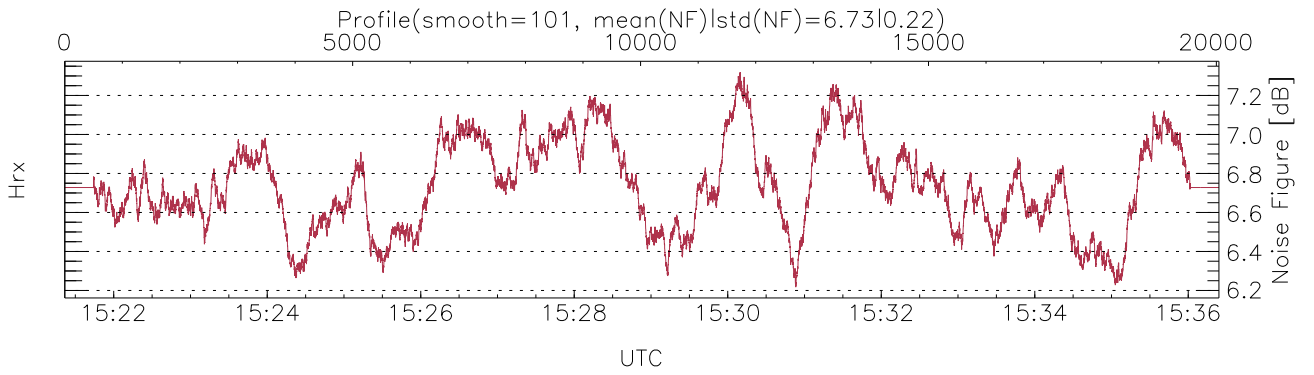
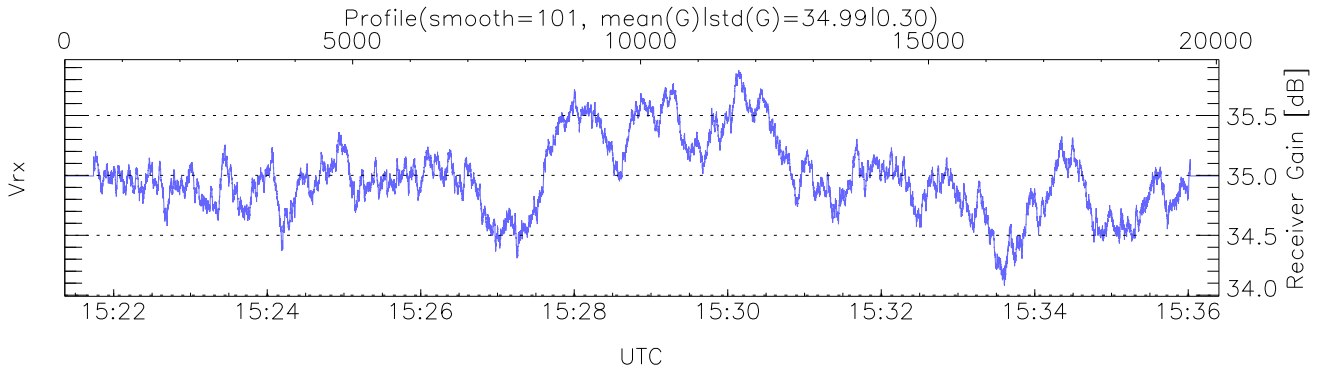
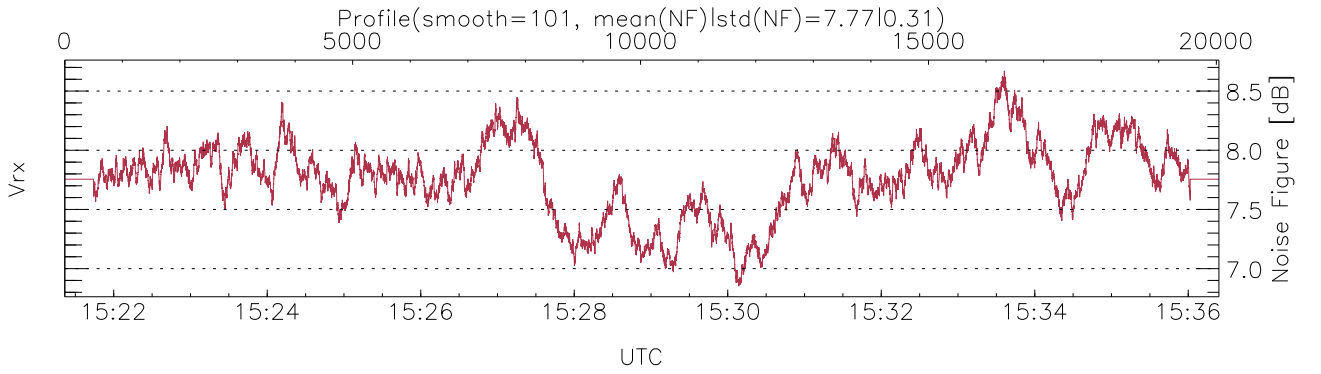
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:21:22-15:36:24, TimeCor: 0.00s, Dur: 902.25s  
 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): 20046/20046, 0-20045/15:21:22-15:36:24  
 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



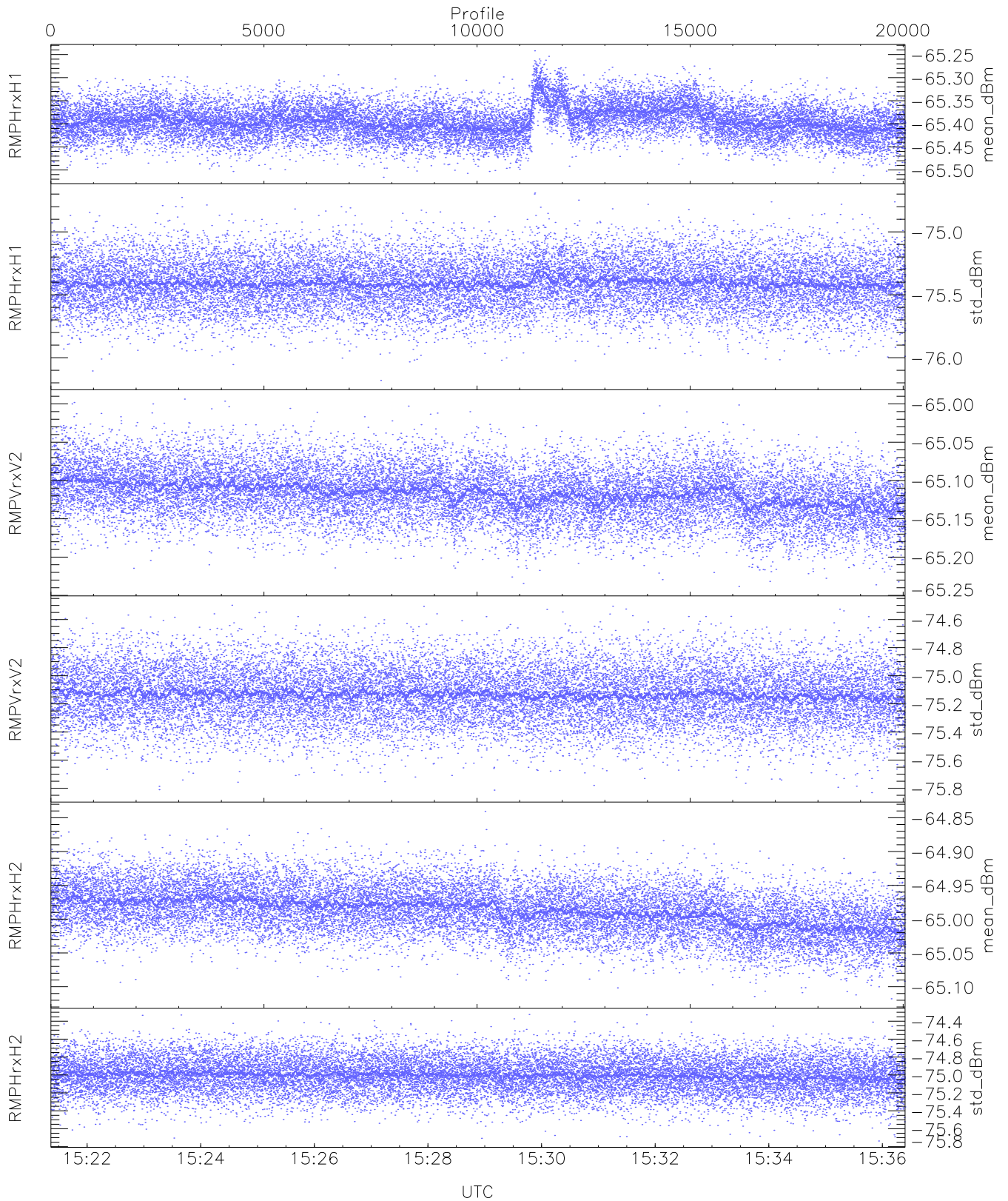
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,26,28  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,28,30  
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



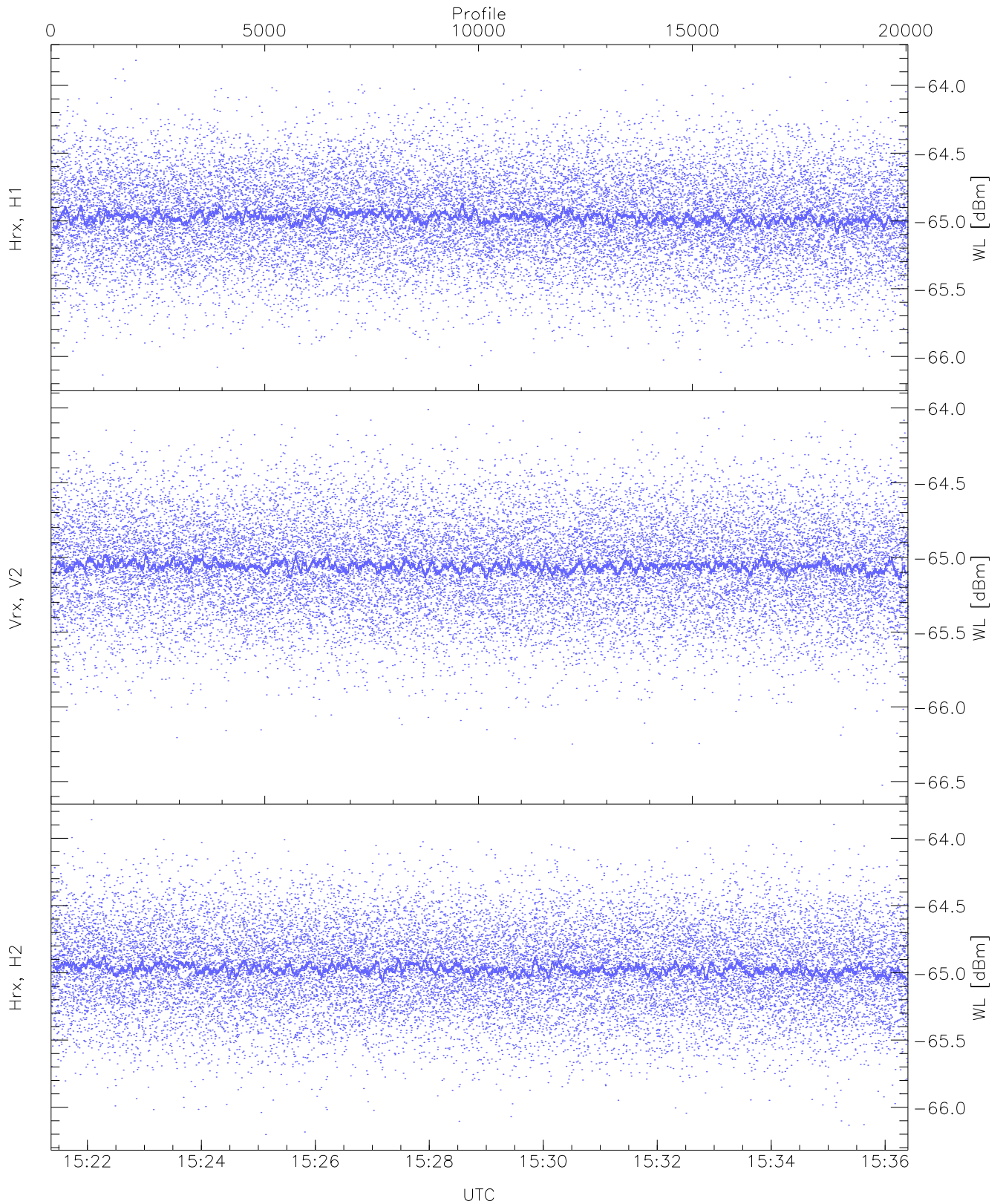
### WCR3 CPP Receivers Gain and Noise Figure

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



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

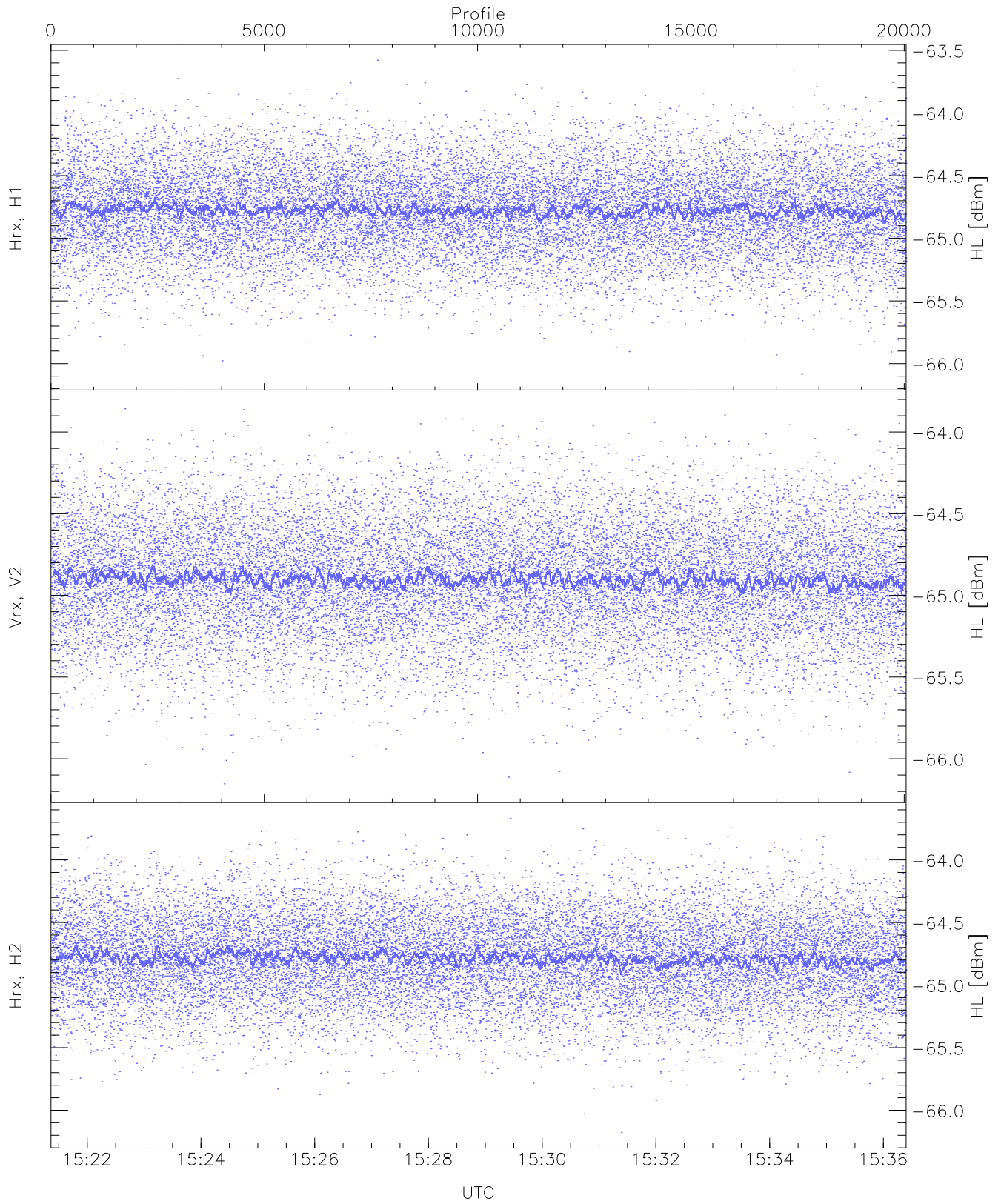
	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.52	-65.24	-65.39	-65.39	-86.37
RMPHrxH1 (std_dBm)	-76.18	-74.69	-75.41	-75.41	-89.21
RMPVrxV2 (mean_dBm)	-65.24	-64.99	-65.12	-65.12	-86.48
RMPVrxV2 (std_dBm)	-75.83	-74.50	-75.13	-75.14	-88.94
RMPHrxH2 (mean_dBm)	-65.12	-64.84	-64.99	-64.99	-86.07
RMPHrxH2 (std_dBm)	-75.74	-74.32	-75.00	-75.01	-88.77



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

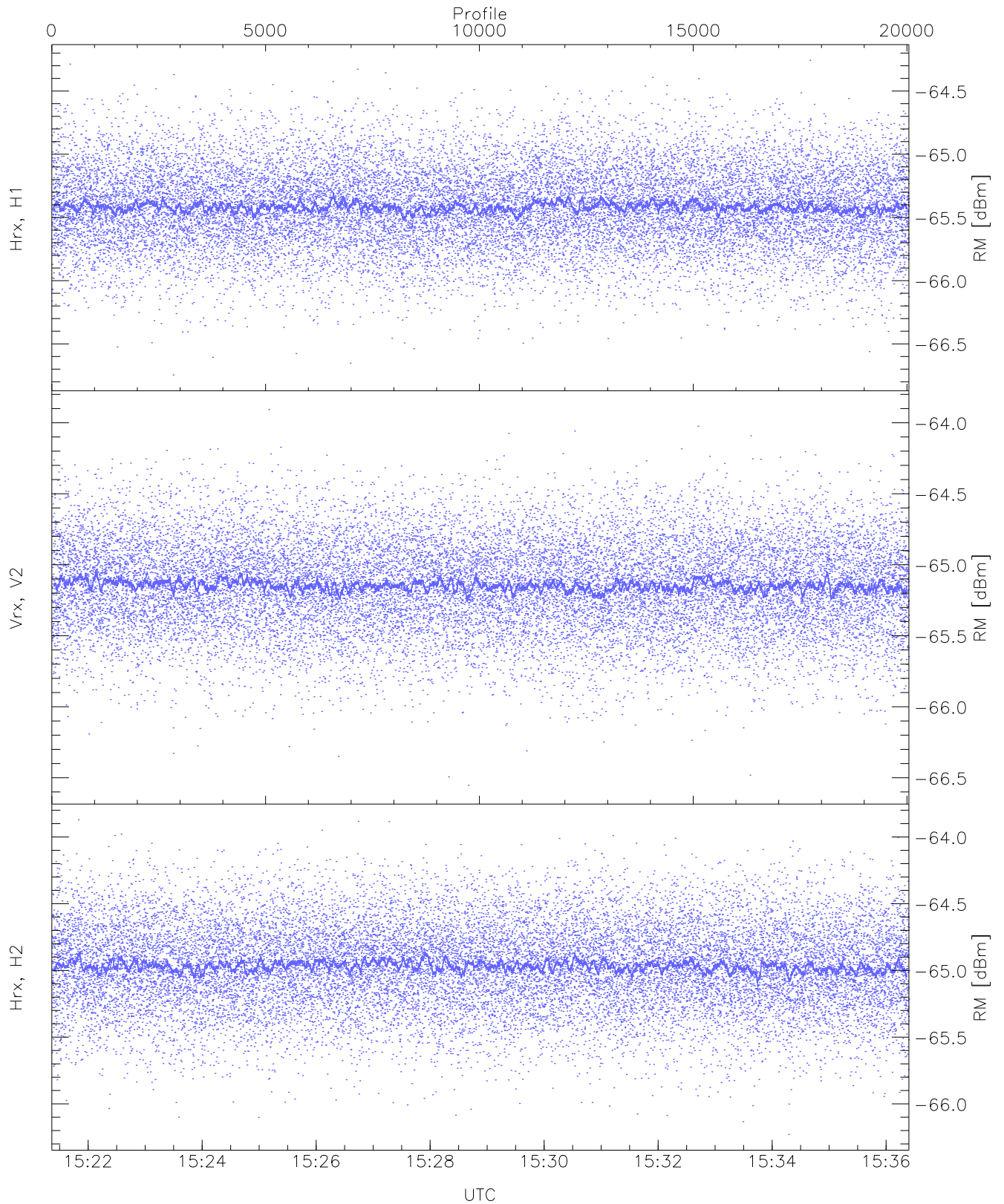
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.14	-63.82	-64.97	-64.97	-76.45
Vrx, V2 (WL [dBm])	-66.52	-64.01	-65.05	-65.05	-76.58
Hrx, H2 (WL [dBm])	-66.20	-63.86	-64.96	-64.97	-76.48





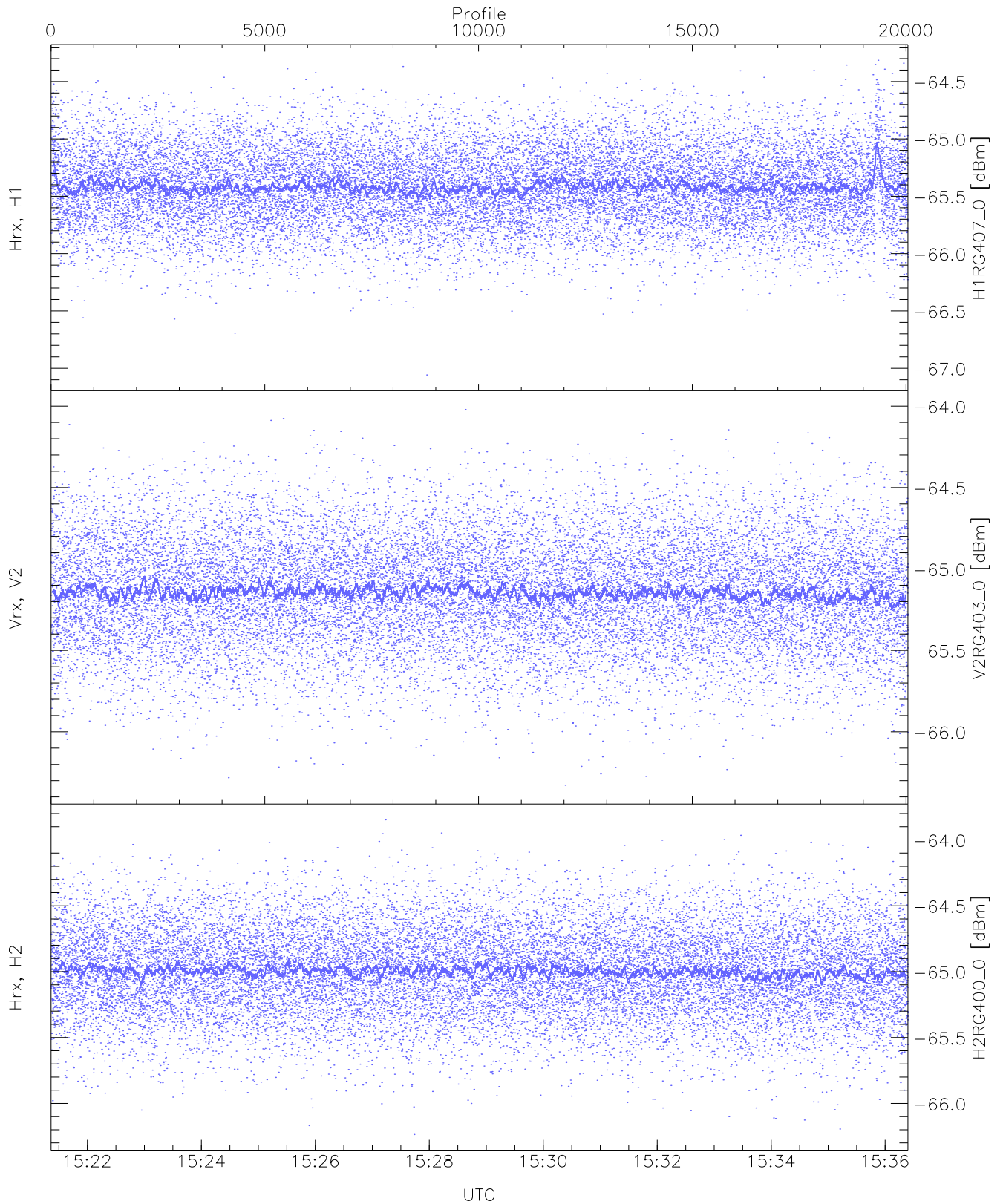
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.09	-63.58	-64.77	-64.77	-76.24
Vrx, V2 (HL [dBm])	-66.15	-63.86	-64.89	-64.90	-76.40
Hrx, H2 (HL [dBm])	-66.18	-63.67	-64.78	-64.78	-76.26



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

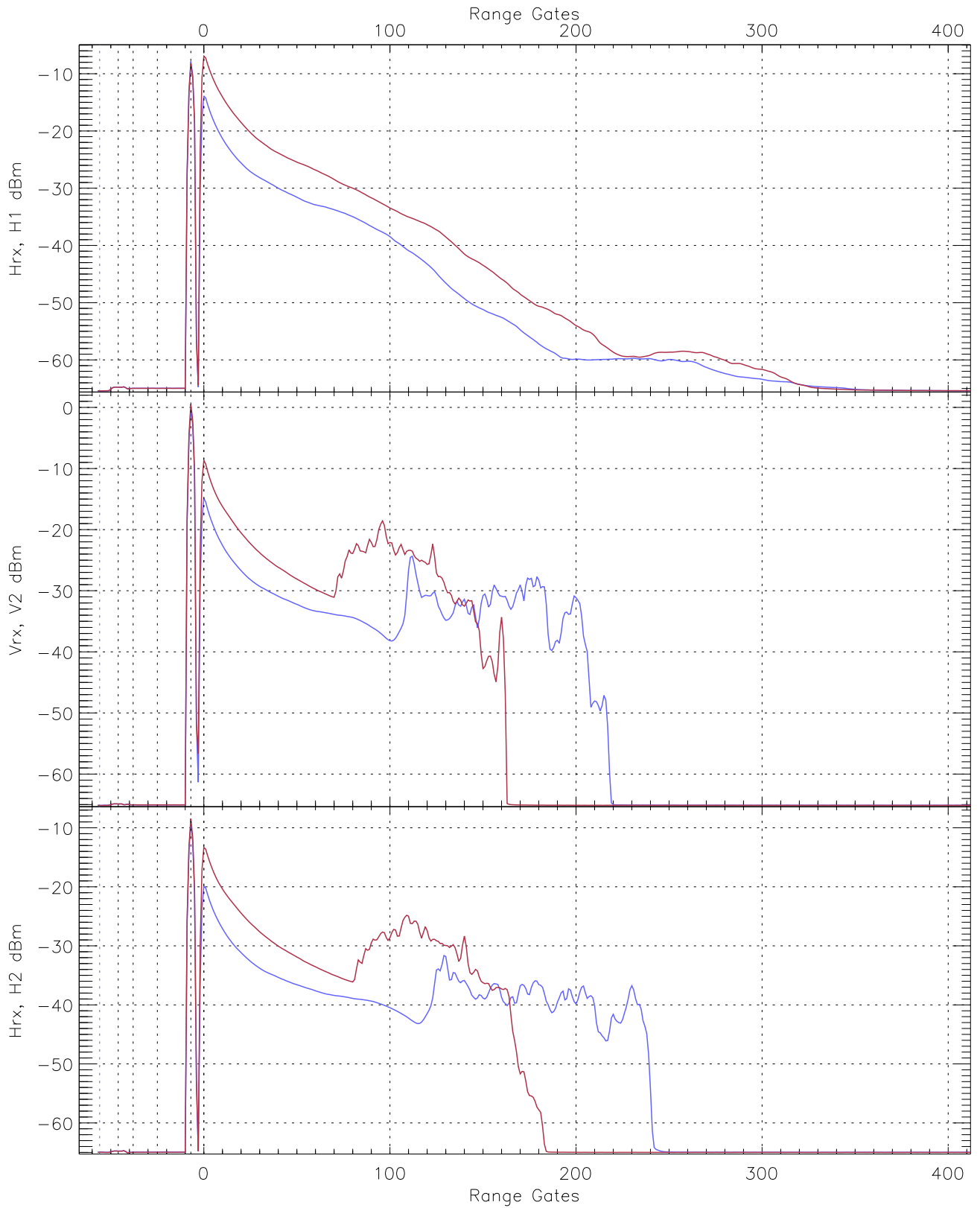
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.75	-64.26	-65.41	-65.42	-76.92
Vrx, V2 (RM [dBm])	-66.55	-63.91	-65.14	-65.15	-76.67
Hrx, H2 (RM [dBm])	-66.23	-63.87	-64.96	-64.97	-76.44



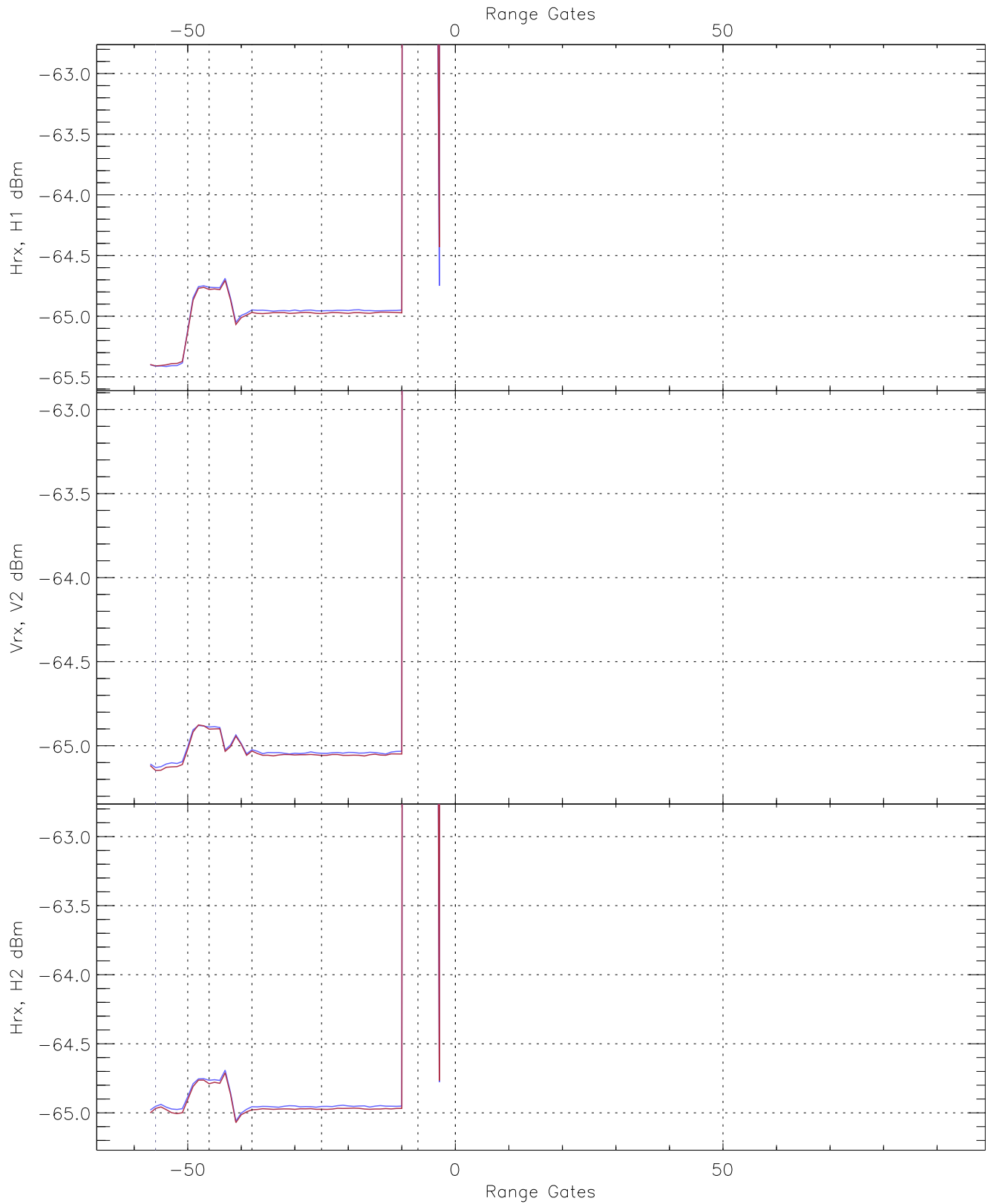
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-67.06	-64.31	-65.41	-65.42	-76.87
V2RG403_0 [dBm]	-66.33	-64.02	-65.14	-65.15	-76.64
H2RG400_0 [dBm]	-66.24	-63.85	-64.99	-65.00	-76.51

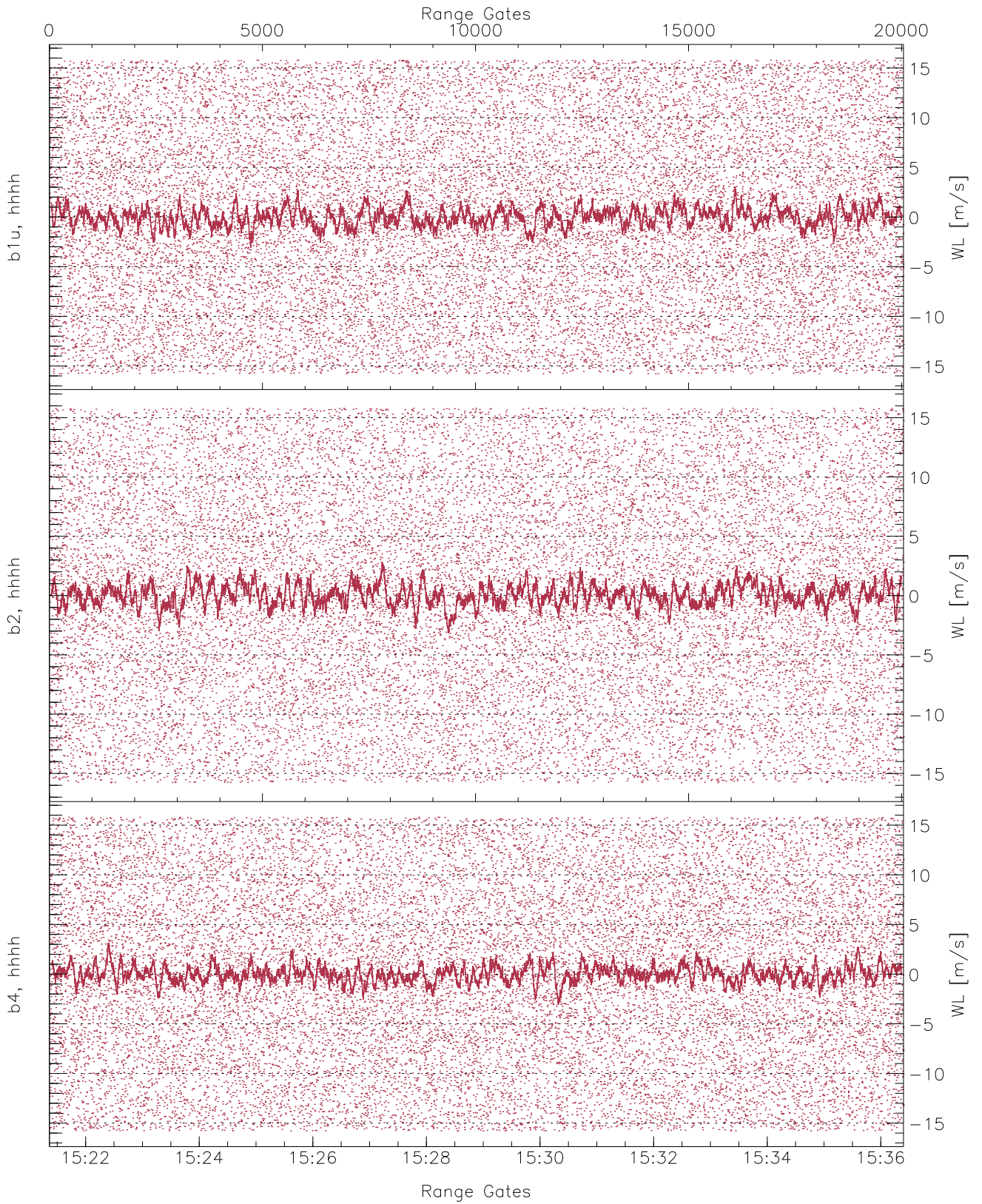




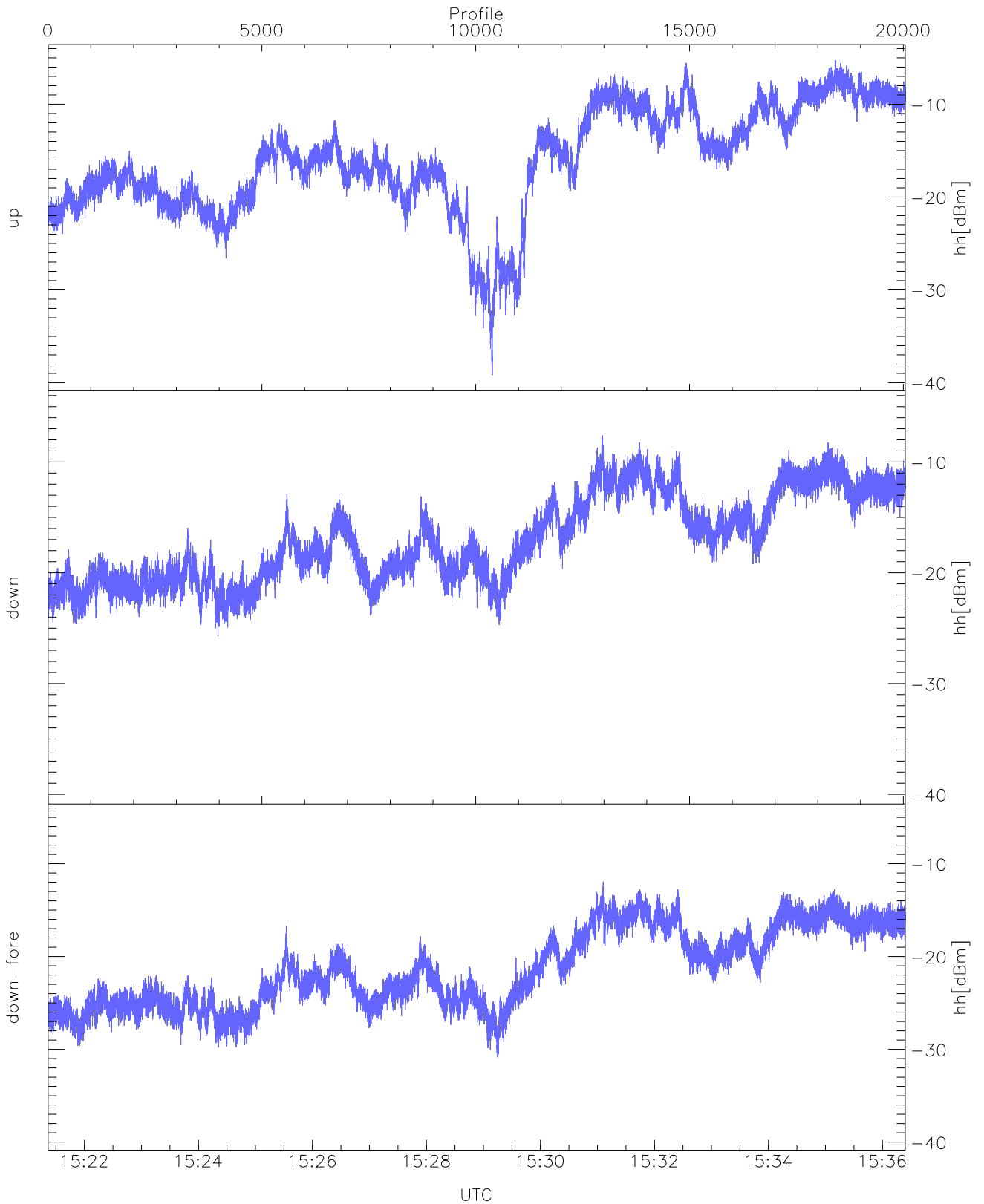
WCR3 CPP Averaged Received power for all recorded gates  
blue: 152122-152853, 10024 profiles averaged  
red: 152853-153624, 10023 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 152122-152853, 10024 profiles averaged  
red: 152853-153624, 10023 profiles averaged



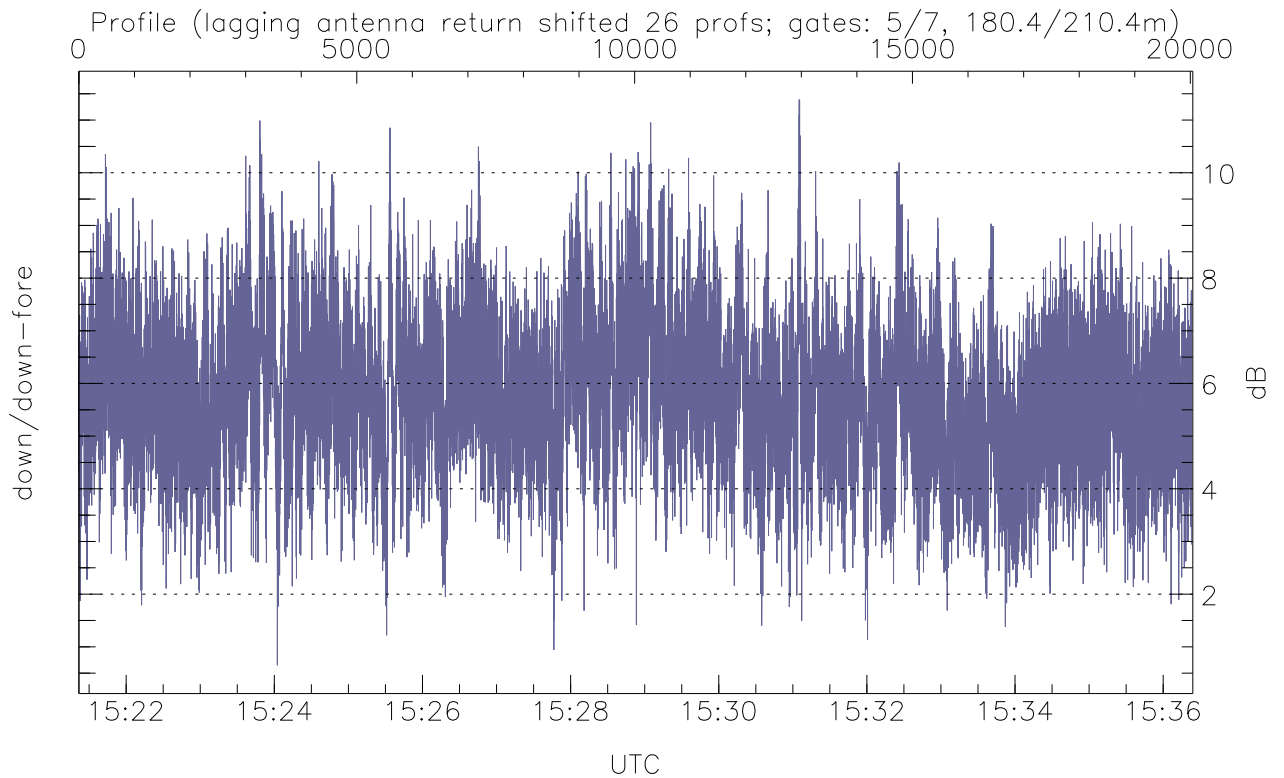
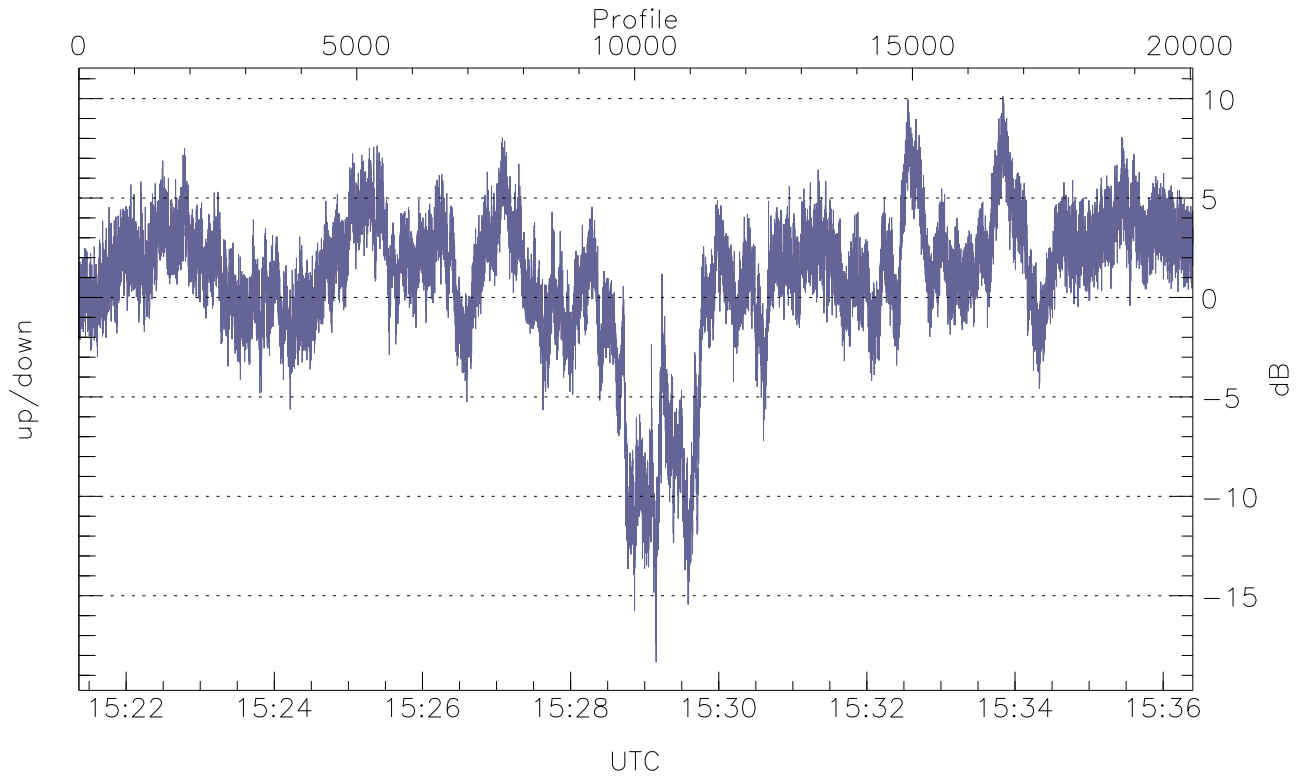
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

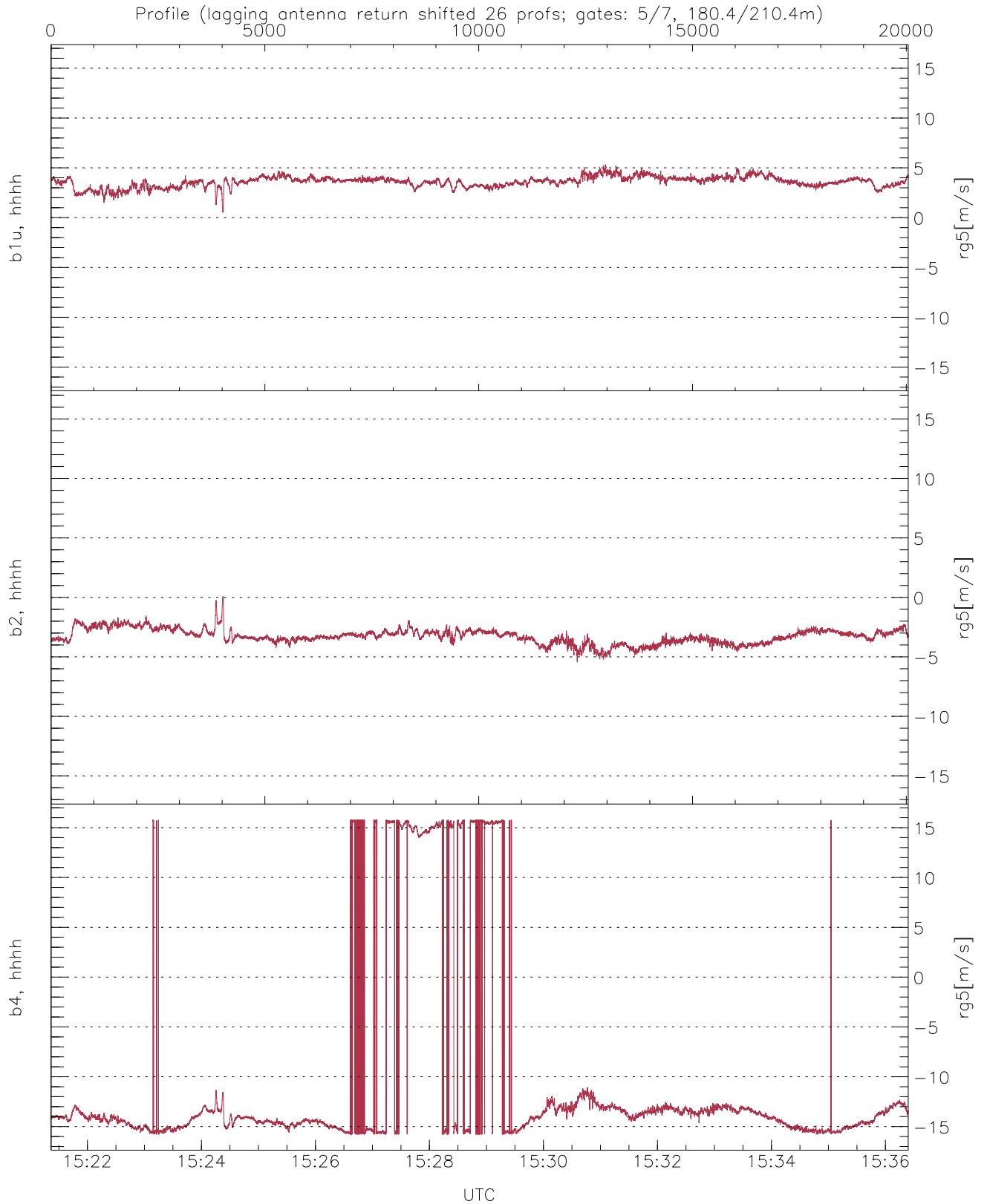
	Min	Max	Mean
up(hh[dBm])	-39.18	-5.26	-13.15
down(hh[dBm])	-25.71	-7.58	-15.22
down-fore(hh[dBm])	-30.85	-11.94	-19.46





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

	Min	Max	Mean
up/down (dB)	-18.33	10.12	0.92
down/down-fore (dB)	0.65	11.39	5.78



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.53	5.33	3.59	0.54
b2, hhhh(rg5[m/s])	-5.45	0.08	-3.27	0.62
b4, hhhh(rg5[m/s])	-15.79	15.79	-10.37	9.97