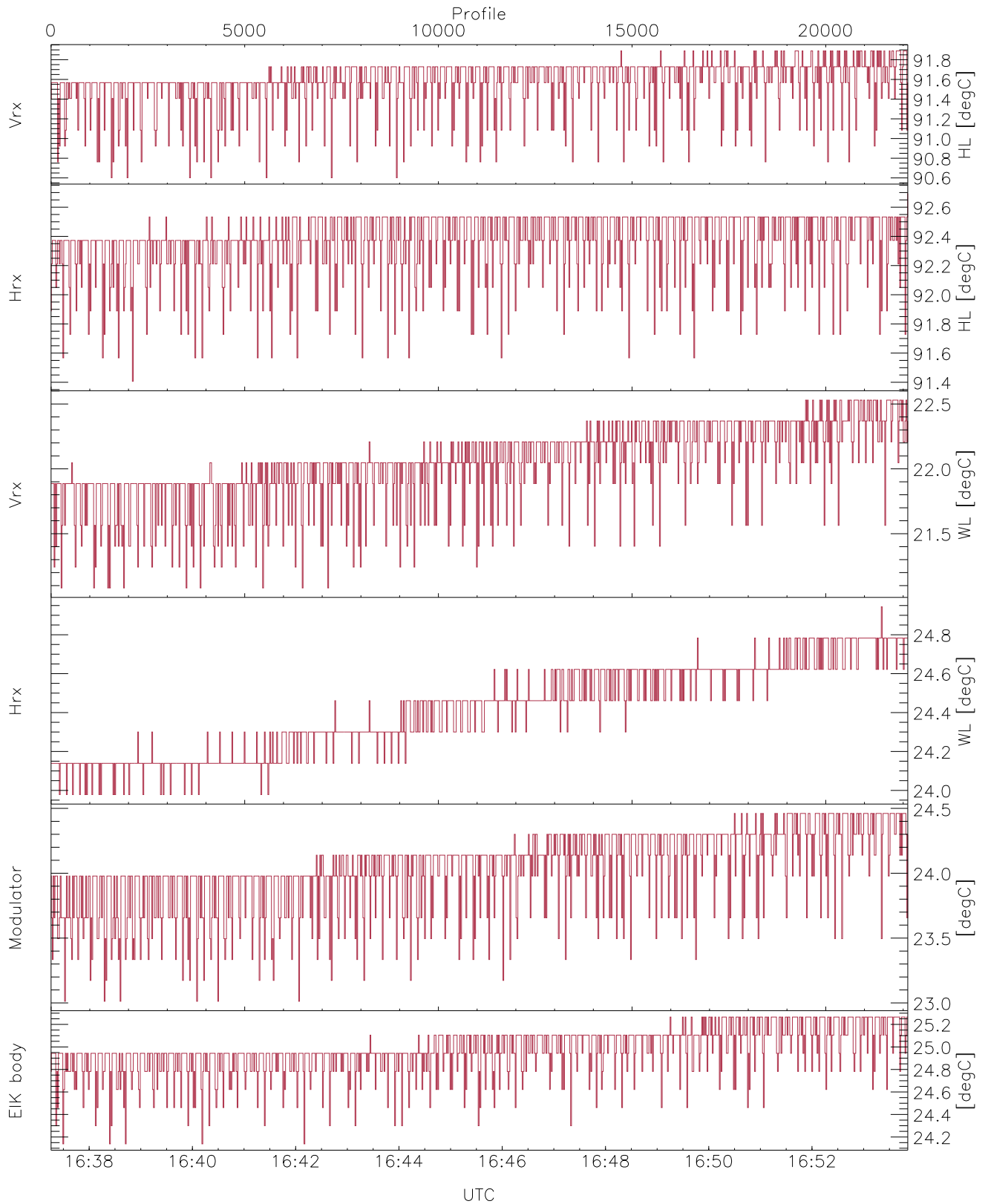




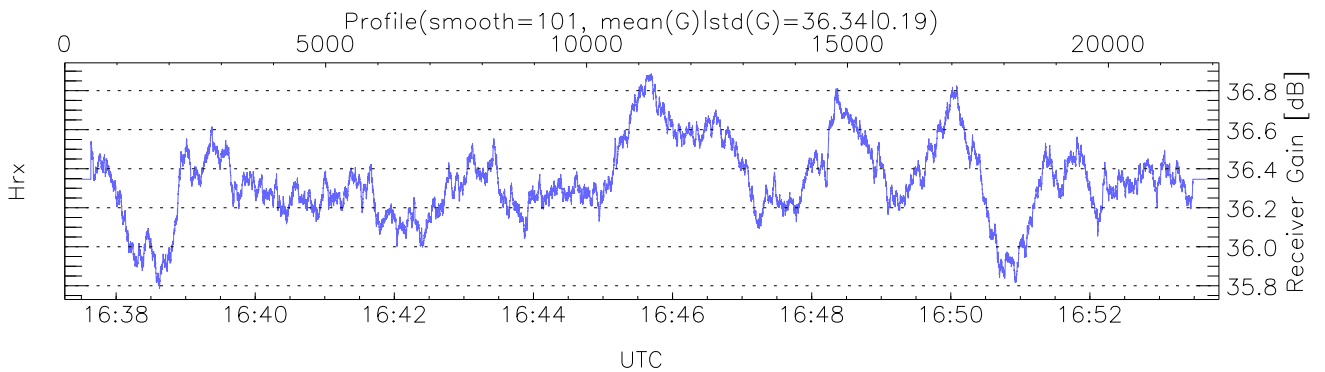
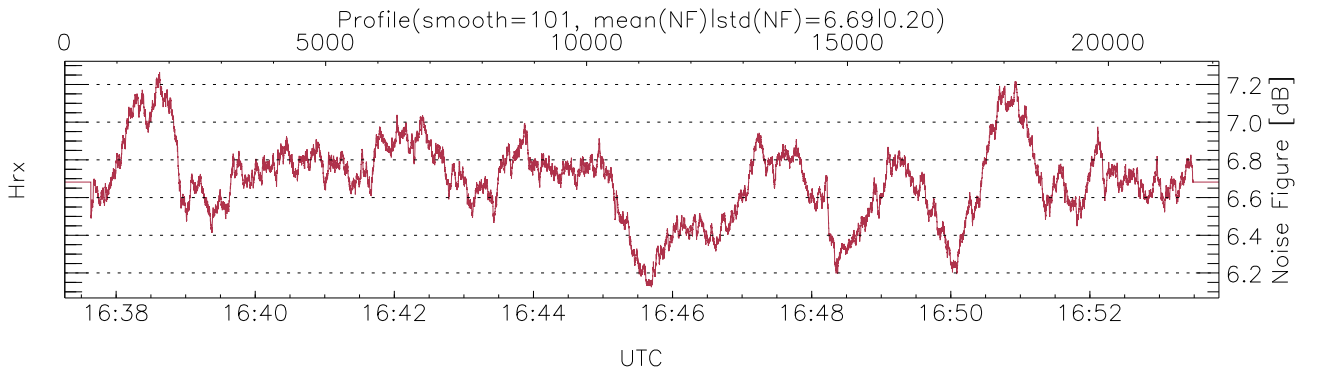
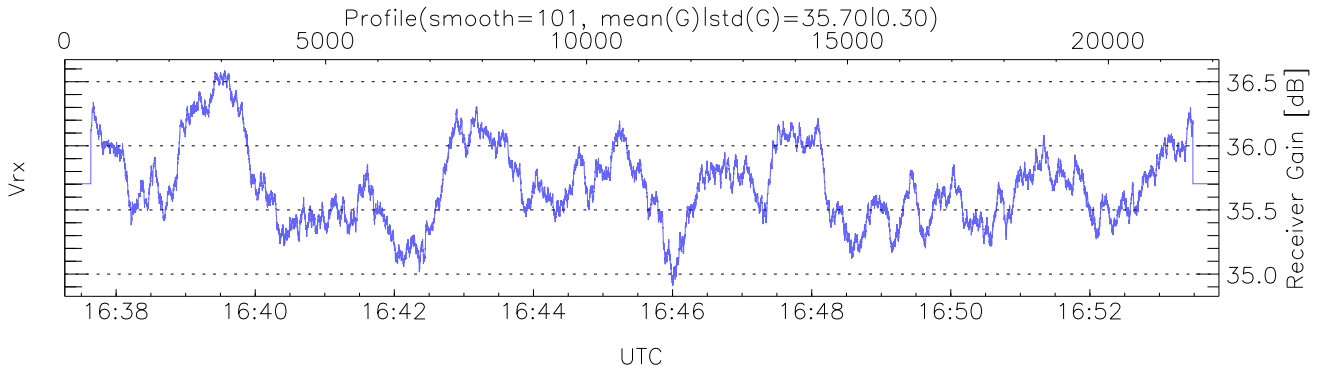
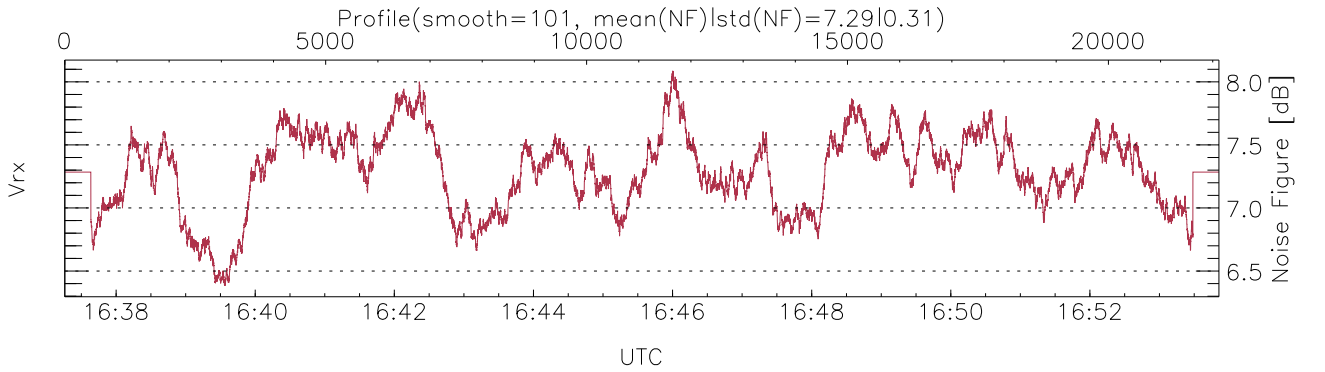
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:37:16-16:53:51, TimeCor: 0.00s, Dur: 995.60s  
 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): 22120/22120, 0-22119/16:37:16-16:53:51  
 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



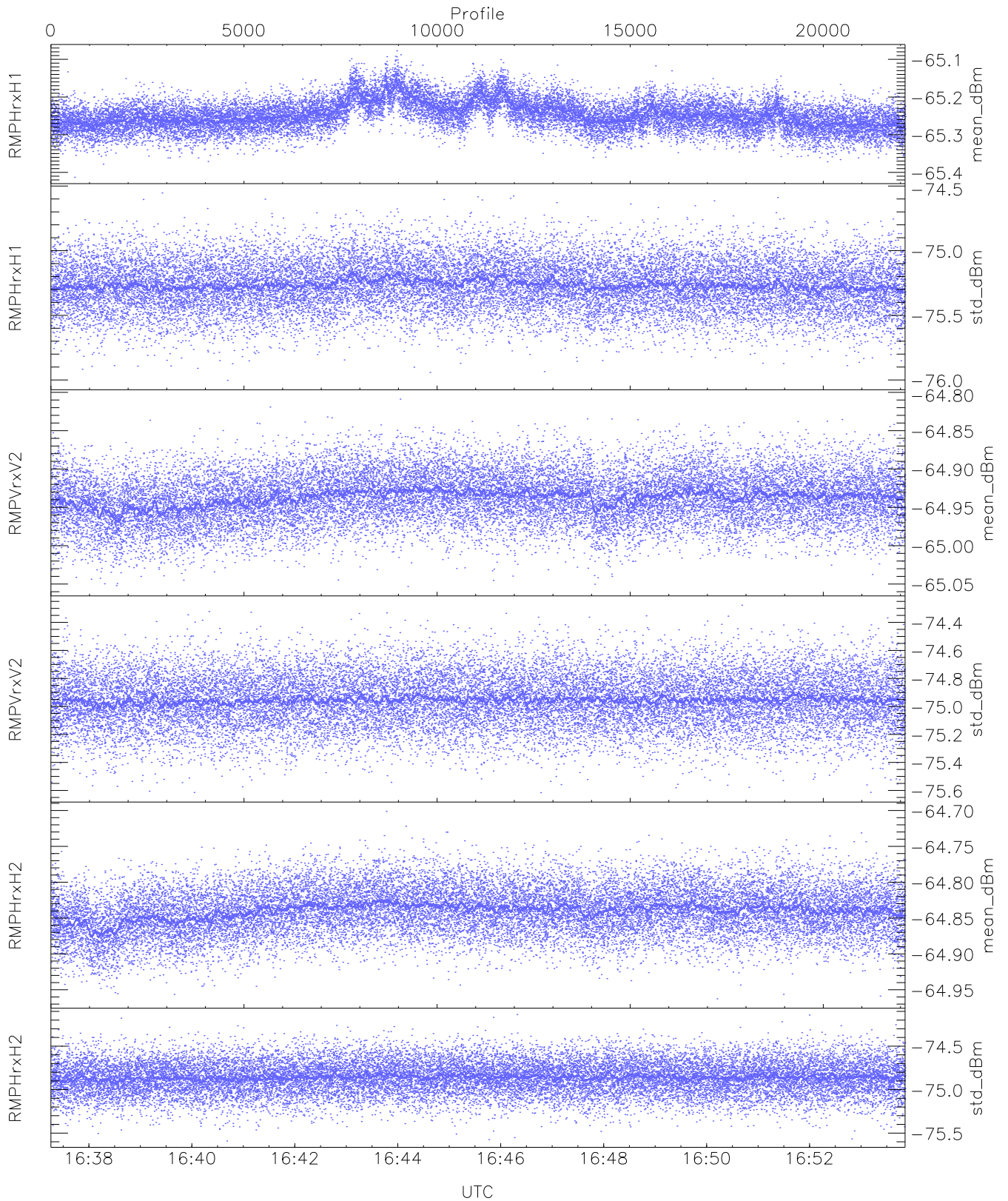
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,23,24`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25`  
`LOalarm(20,240,2817,14861 MHz): 0,0,68,0`  
`EIK Faults(# prof affected):`  
`BodyCurr,DeckF,OverDuty (24,24,24)`



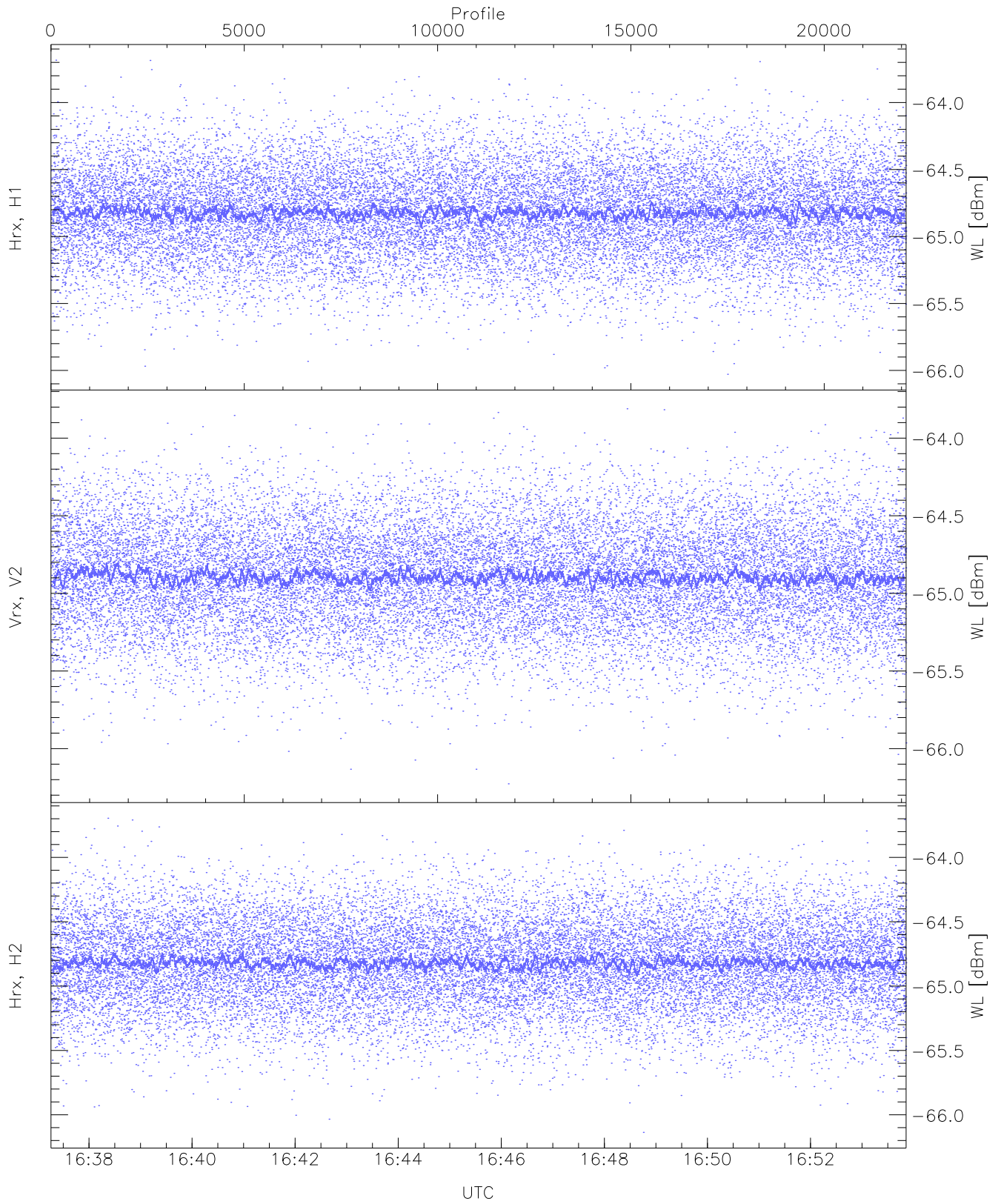
### WCR3 CPP Receivers Gain and Noise Figure

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



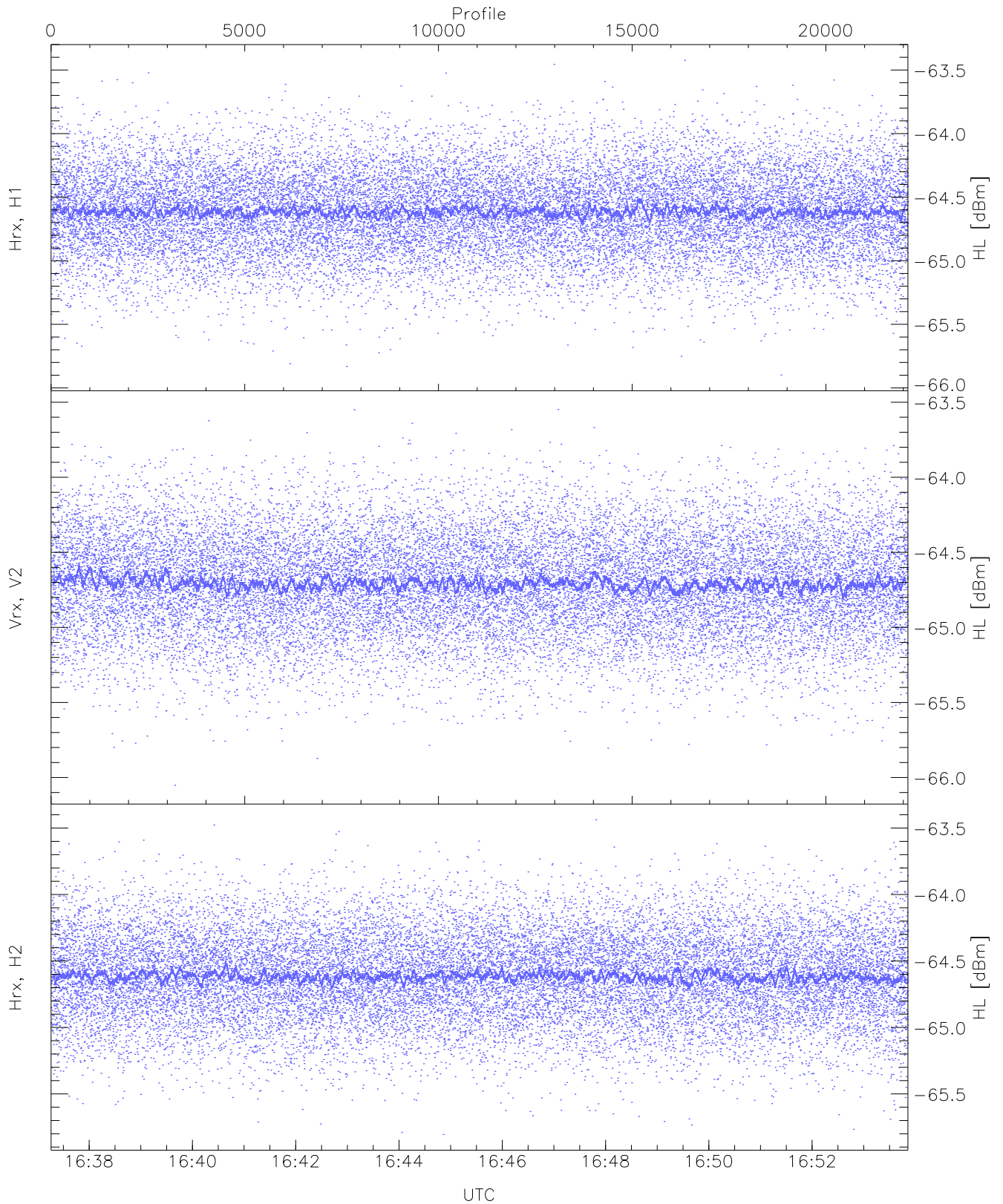
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.08	-65.25	-65.25	-85.65
RMPHrxH1(std_dBm)	-76.00	-74.55	-75.26	-75.27	-89.03
RMPVrxV2(mean_dBm)	-65.05	-64.81	-64.94	-64.94	-86.36
RMPVrxV2(std_dBm)	-75.62	-74.28	-74.95	-74.96	-88.77
RMPHrxH2(mean_dBm)	-64.96	-64.70	-64.84	-64.84	-86.25
RMPHrxH2(std_dBm)	-75.59	-74.14	-74.86	-74.86	-88.67



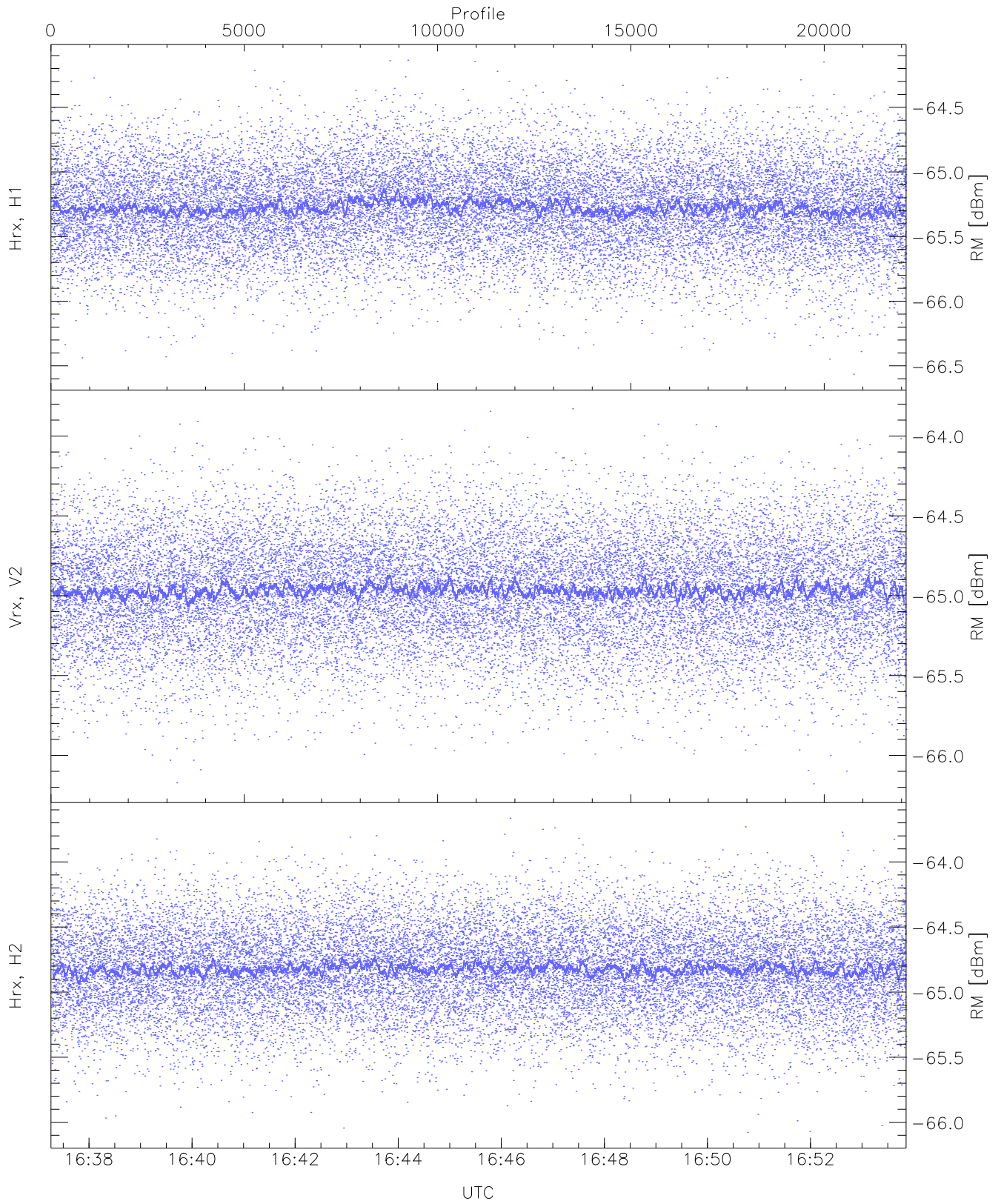
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.03	-63.68	-64.82	-64.82	-76.32
Vrx, V2(WL [dBm])	-66.23	-63.81	-64.89	-64.89	-76.39
Hrx, H2(WL [dBm])	-66.14	-63.70	-64.81	-64.82	-76.28



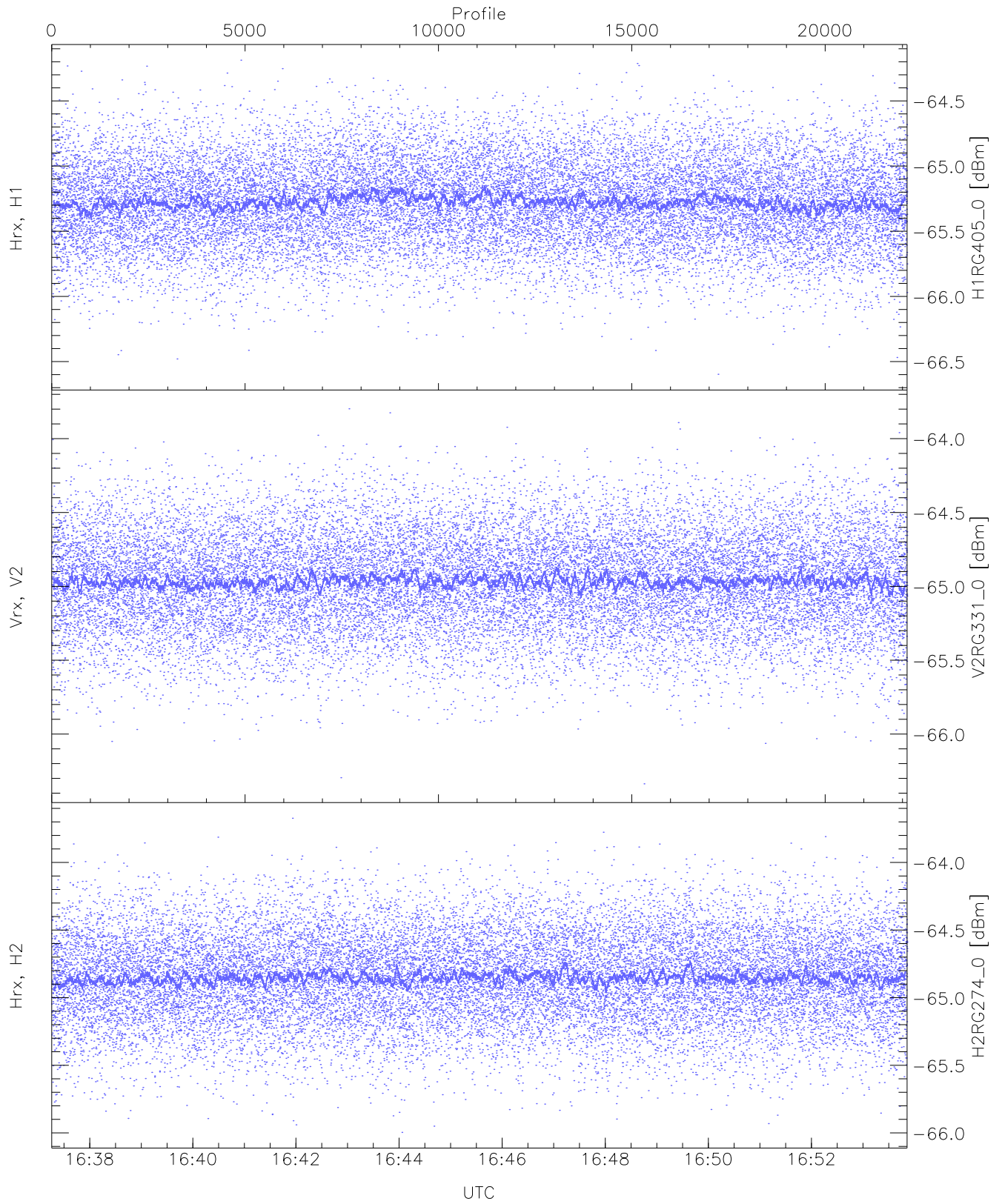
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.90	-63.42	-64.61	-64.61	-76.15
Vrx, V2 (HL [dBm])	-66.05	-63.55	-64.70	-64.71	-76.21
Hrx, H2 (HL [dBm])	-65.81	-63.44	-64.61	-64.62	-76.13



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

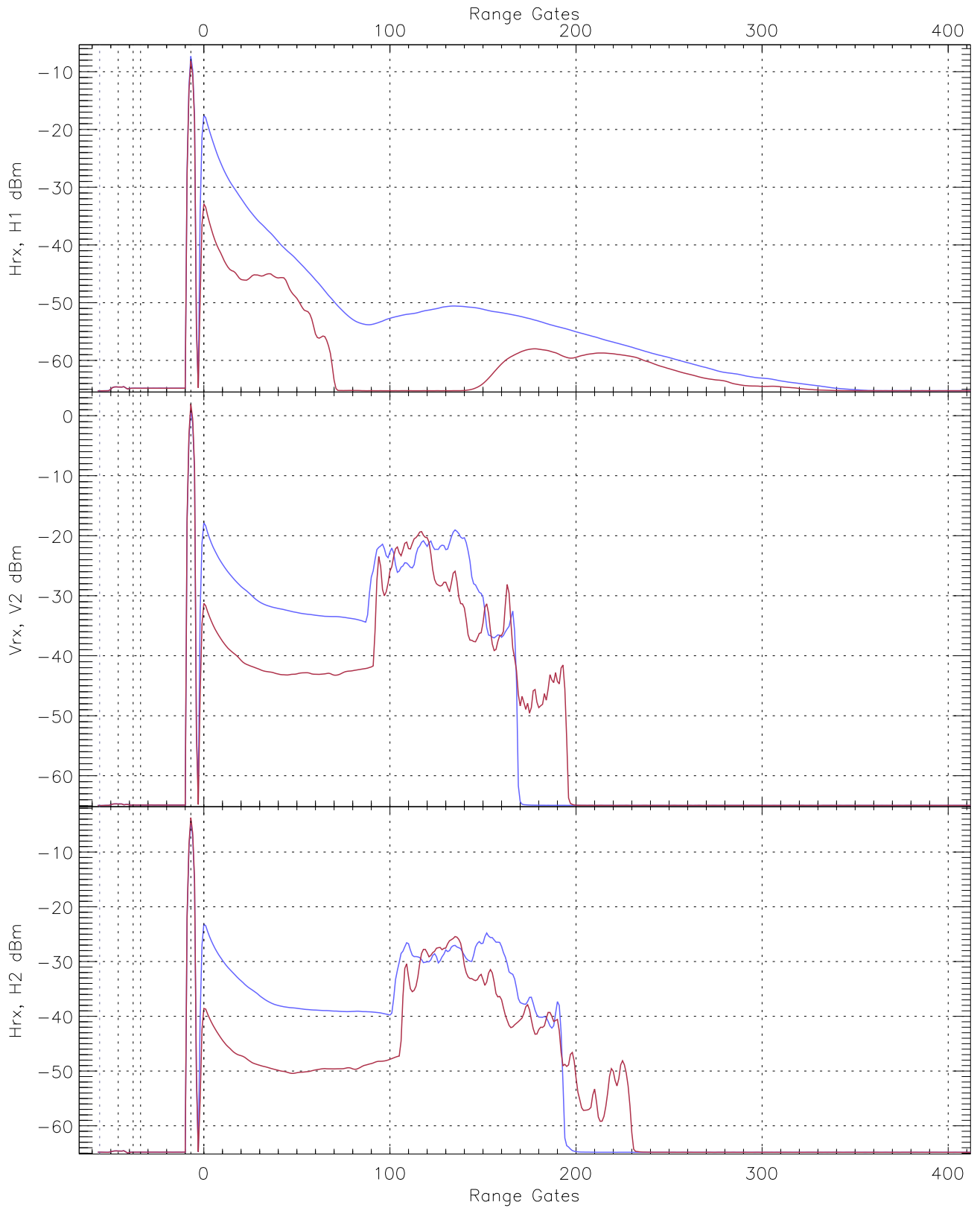
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.57	-64.14	-65.27	-65.28	-76.77
Vrx, V2 (RM [dBm])	-66.18	-63.83	-64.96	-64.97	-76.48
Hrx, H2 (RM [dBm])	-66.08	-63.66	-64.82	-64.82	-76.34



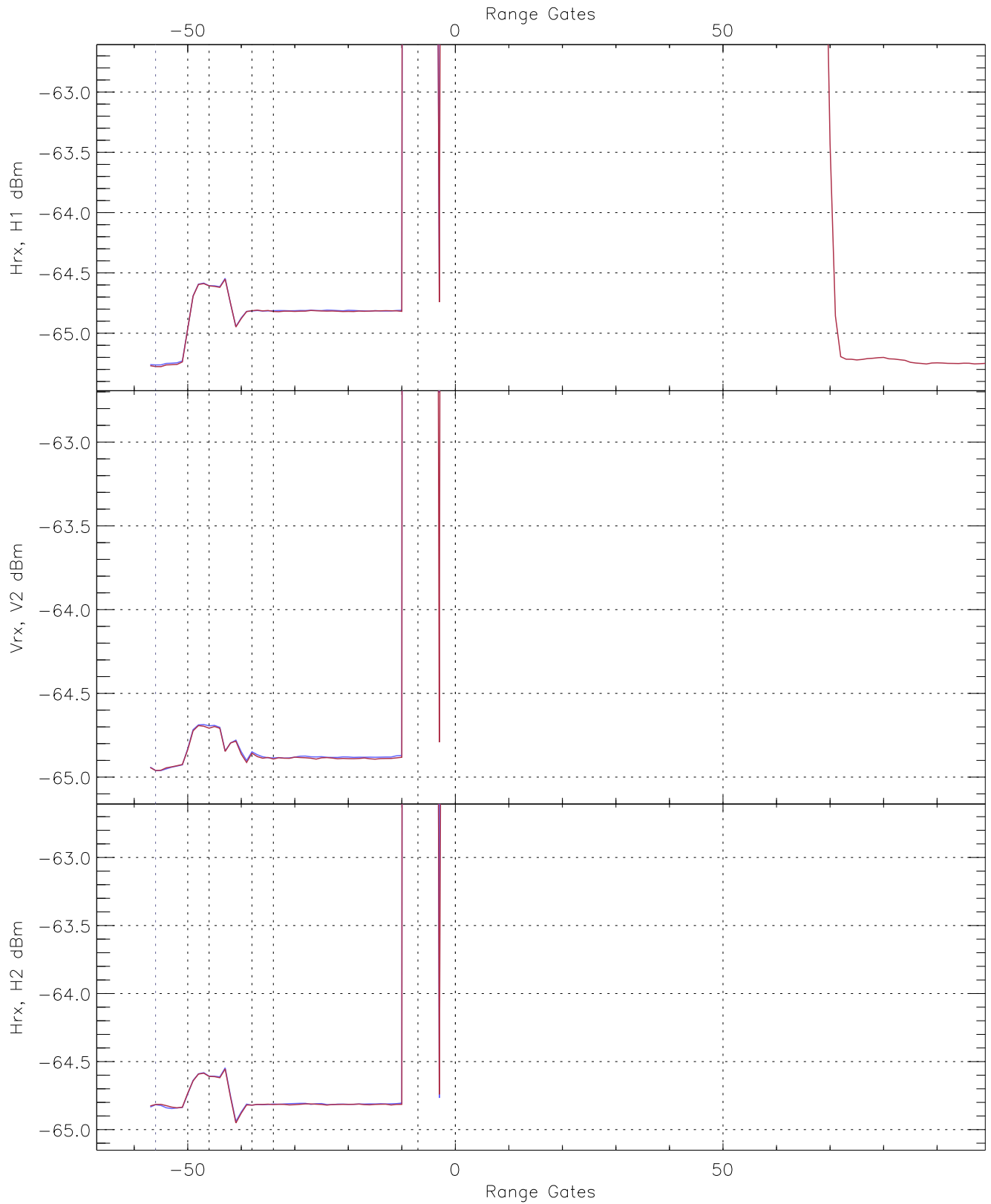
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG405_0 [dBm]	-66.60	-64.19	-65.27	-65.28	-76.77
V2RG331_0 [dBm]	-66.34	-63.80	-64.96	-64.97	-76.47
H2RG274_0 [dBm]	-66.00	-63.67	-64.85	-64.85	-76.35

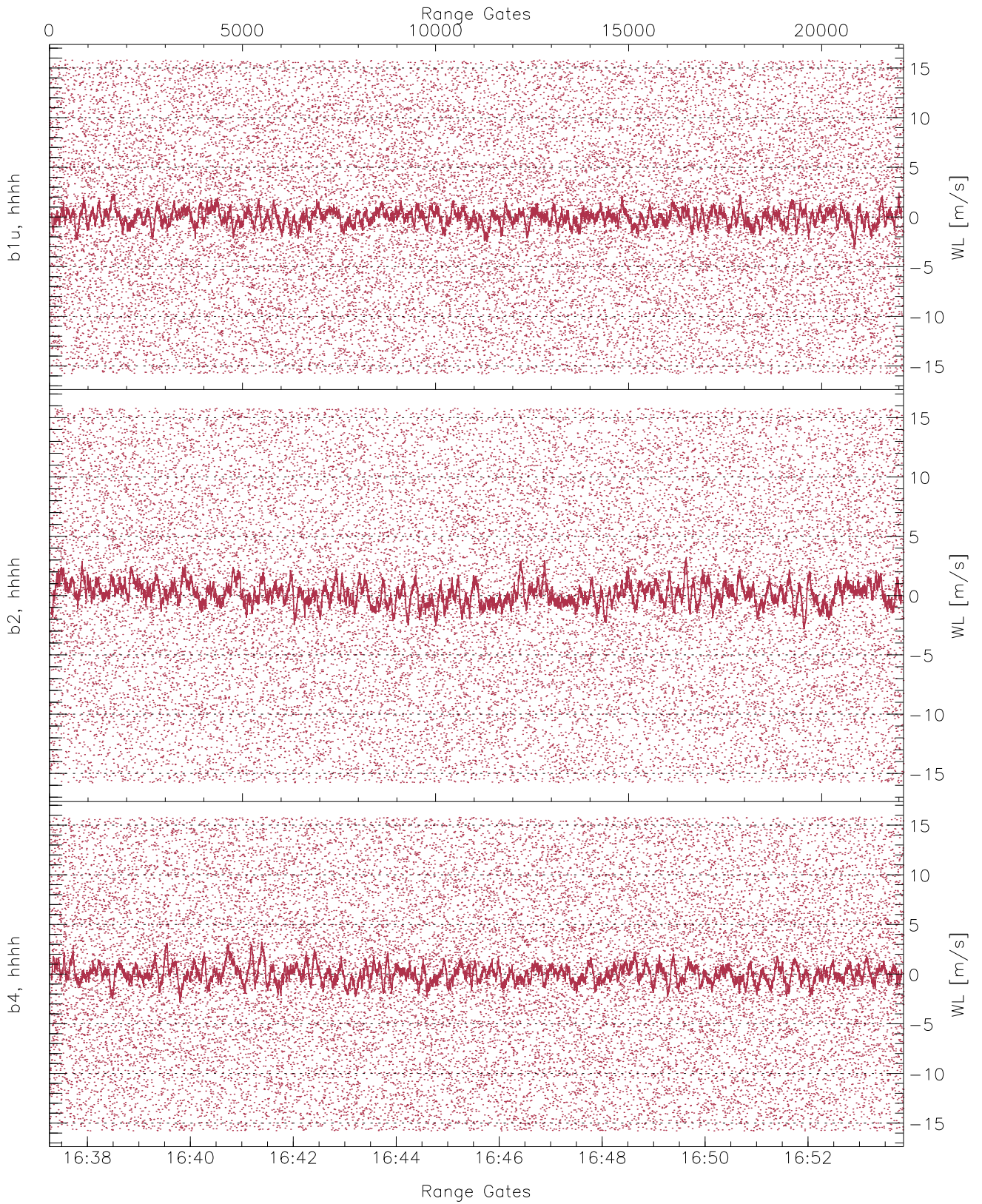




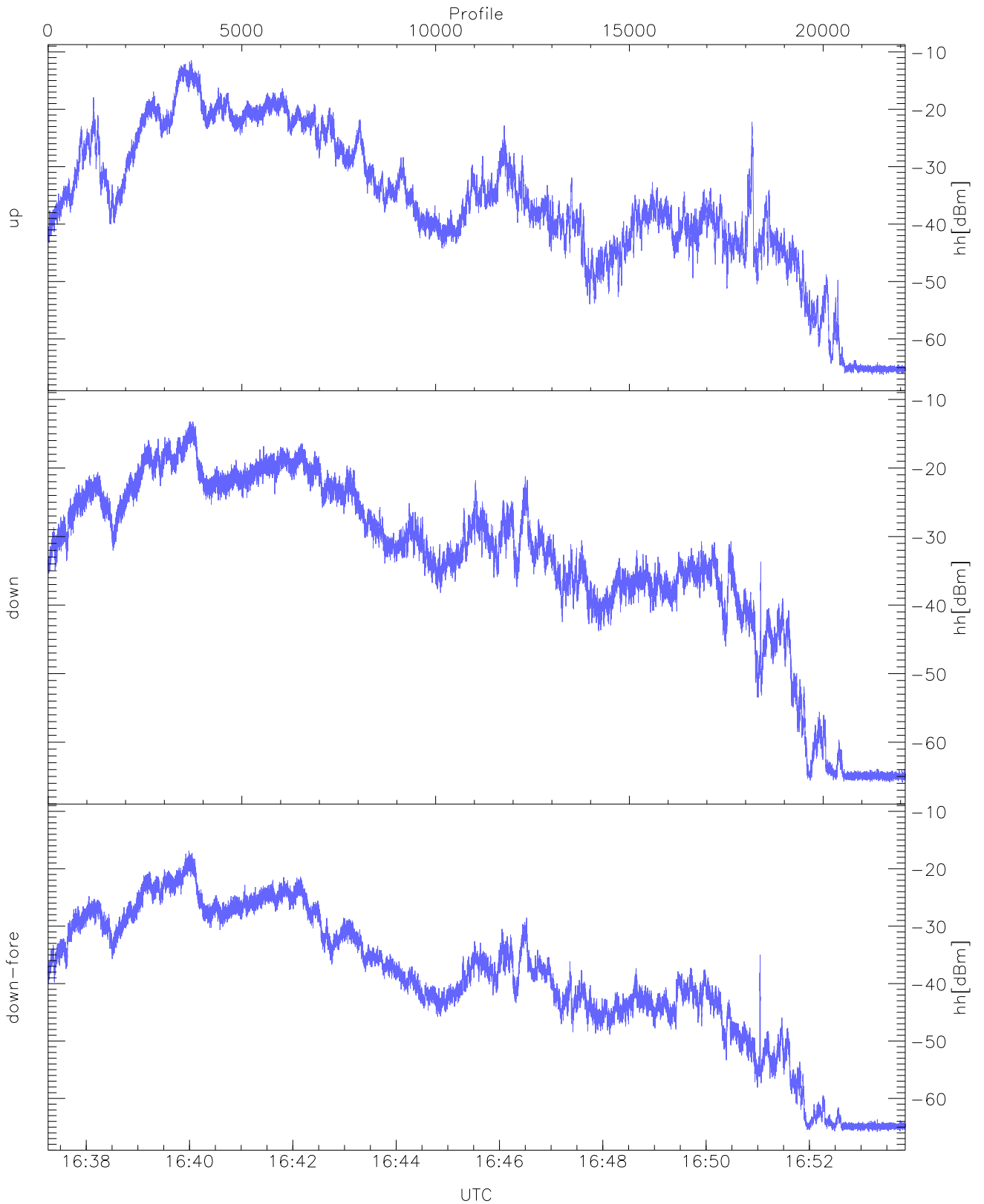
WCR3 CPP Averaged Received power for all recorded gates  
blue: 163716-164534, 11061 profiles averaged  
red: 164534-165351, 11060 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 163716-164534, 11061 profiles averaged  
red: 164534-165351, 11060 profiles averaged

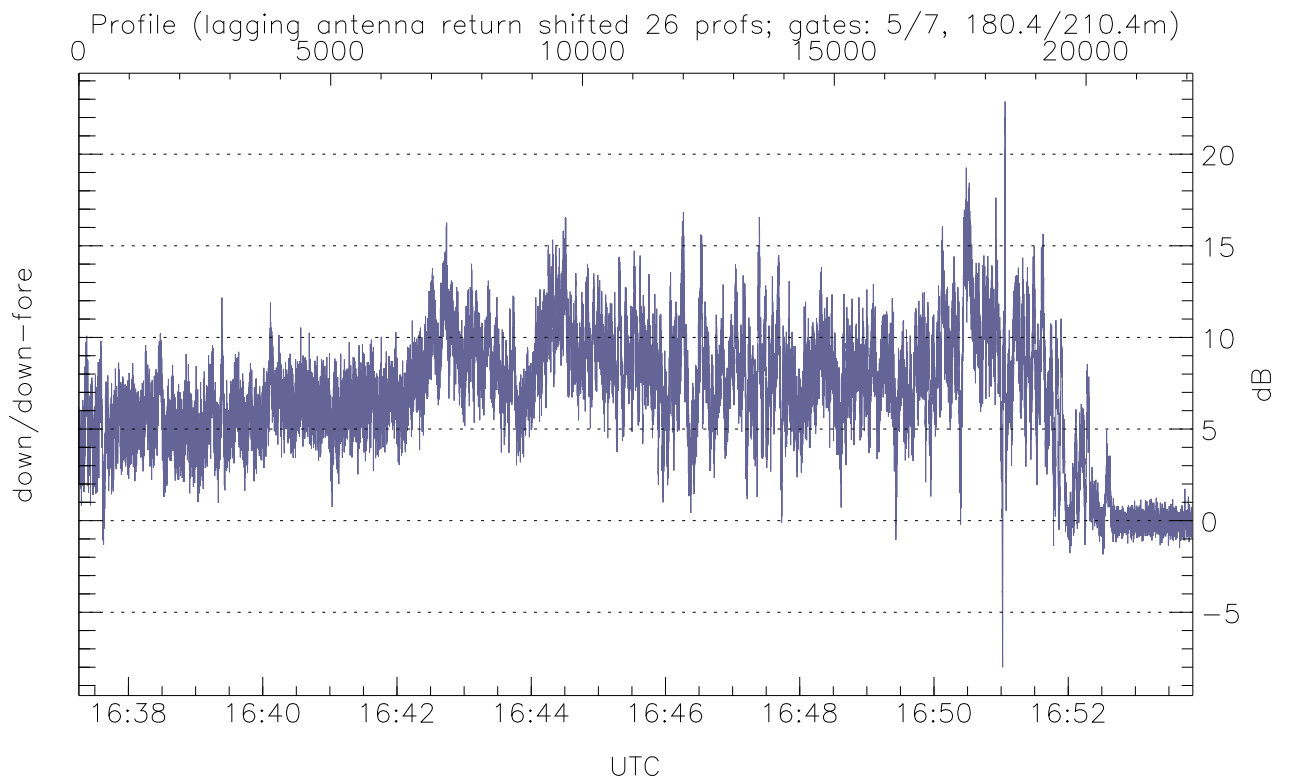
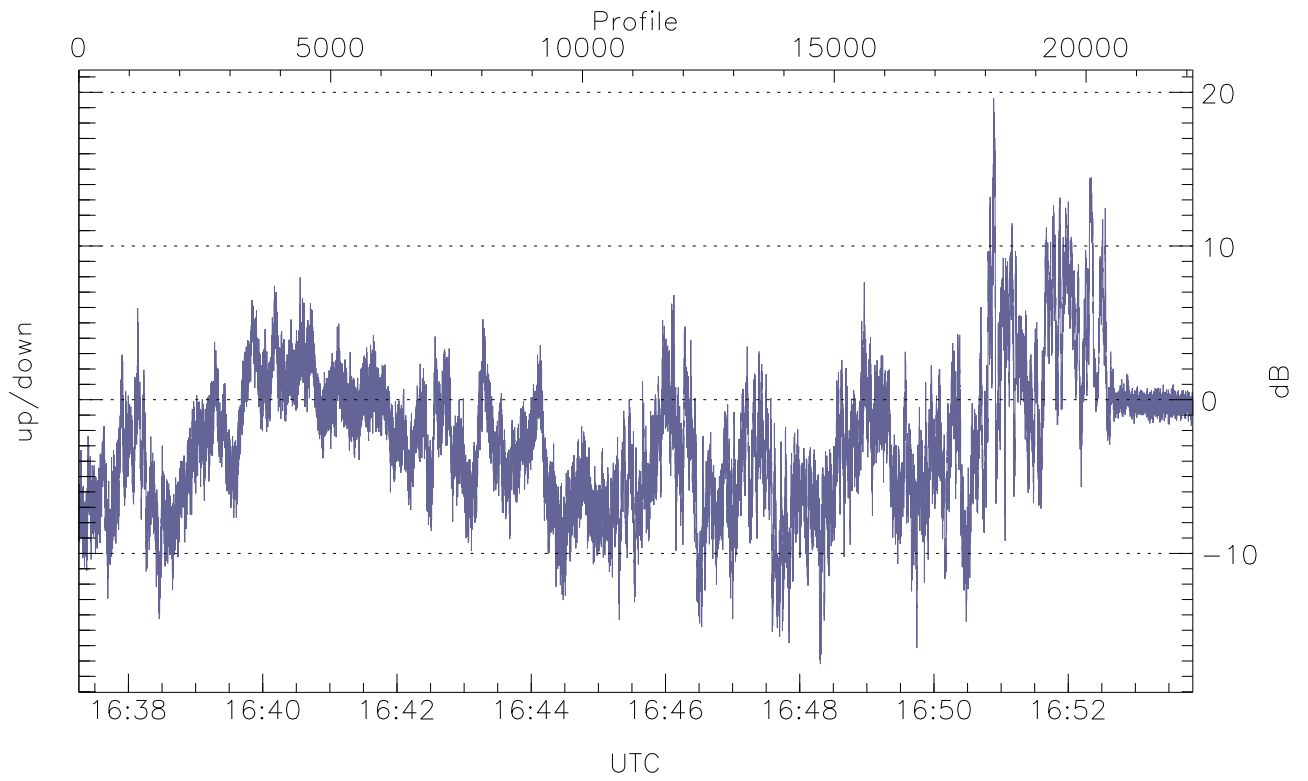


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



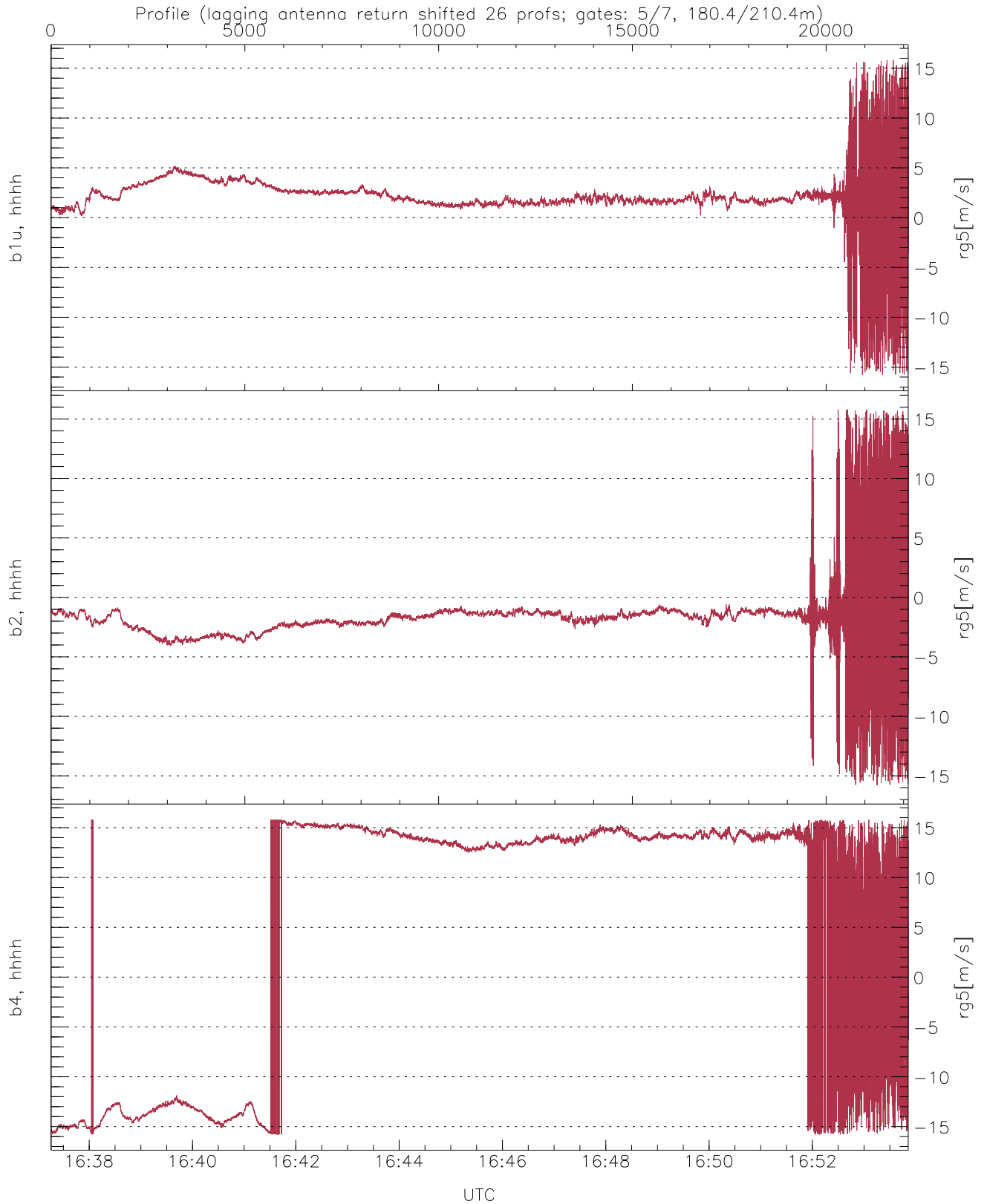
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.28	-11.47	-25.14
down(hh[dBm])	-65.86	-13.22	-24.71
down-fore(hh[dBm])	-65.82	-16.85	-29.80



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

	Min	Max	Mean
up/down (dB)	-17.20	19.61	-2.53
down/down-fore (dB)	-8.00	22.87	6.79



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.75	15.79	2.08	2.20
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.76	2.52
b4, hhhh(rg5[m/s])	-15.79	15.79	5.49	12.63