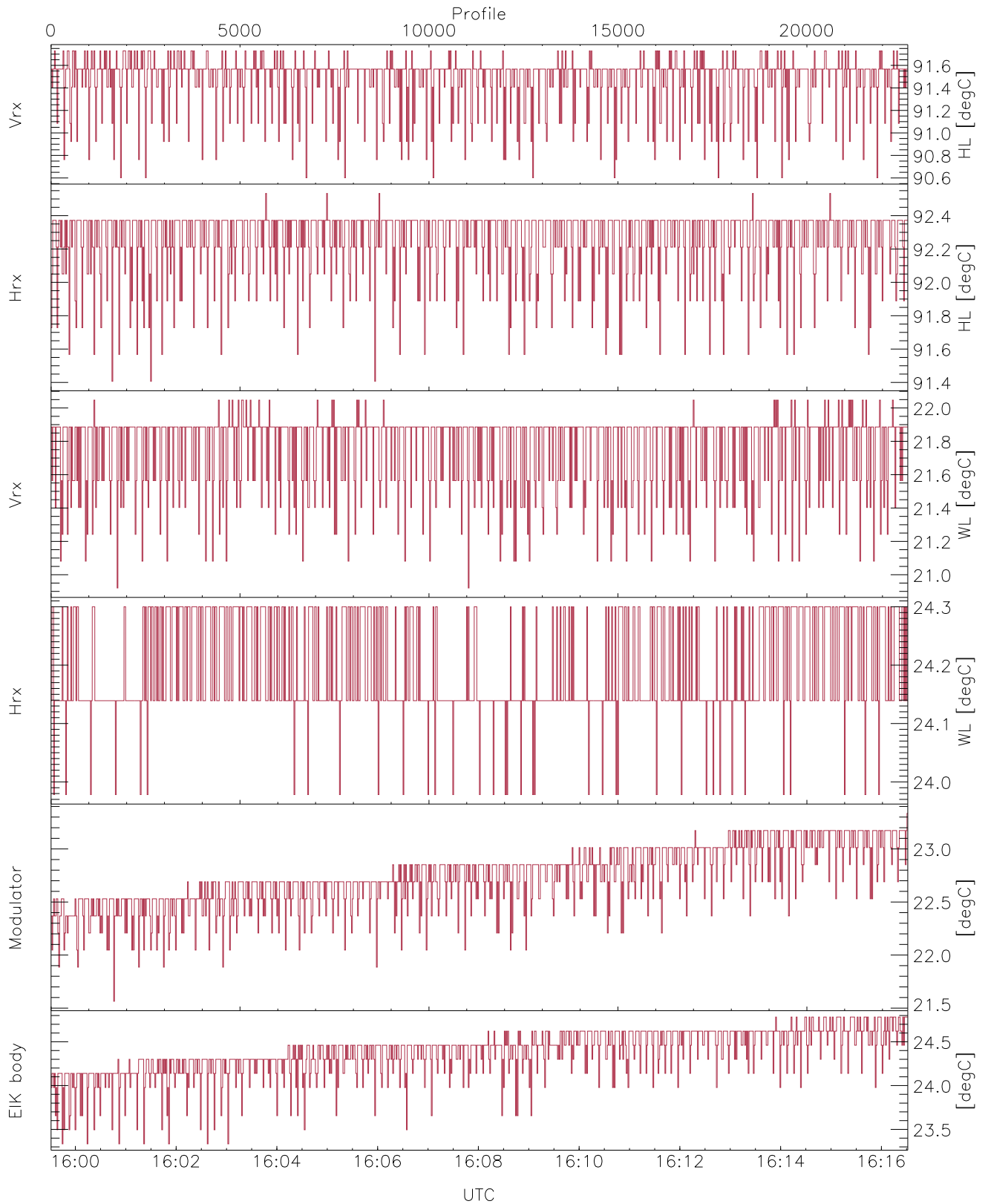


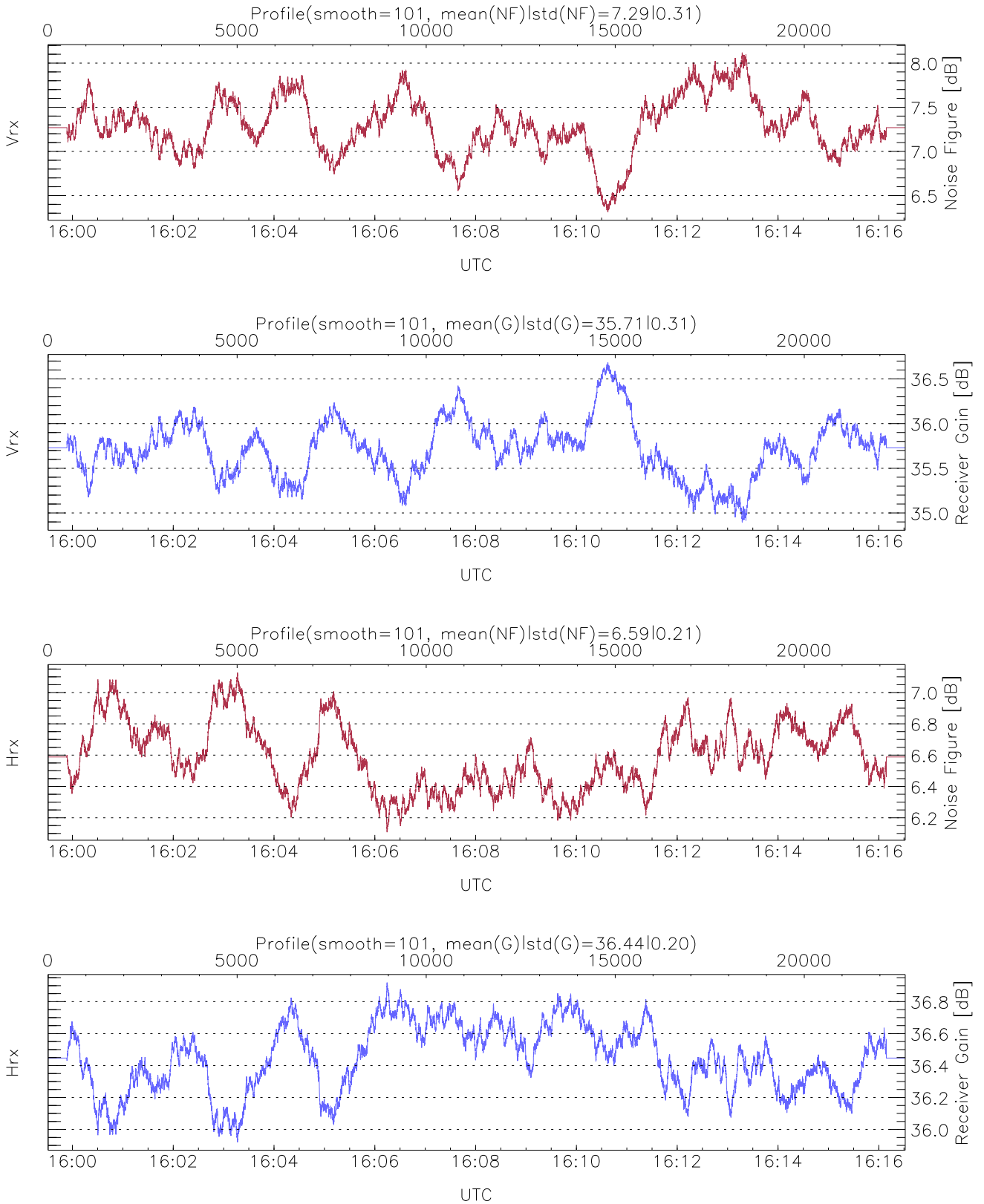
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:59:31-16:16:31, 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, 0-22671/15:59:31-16:16:31  
 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



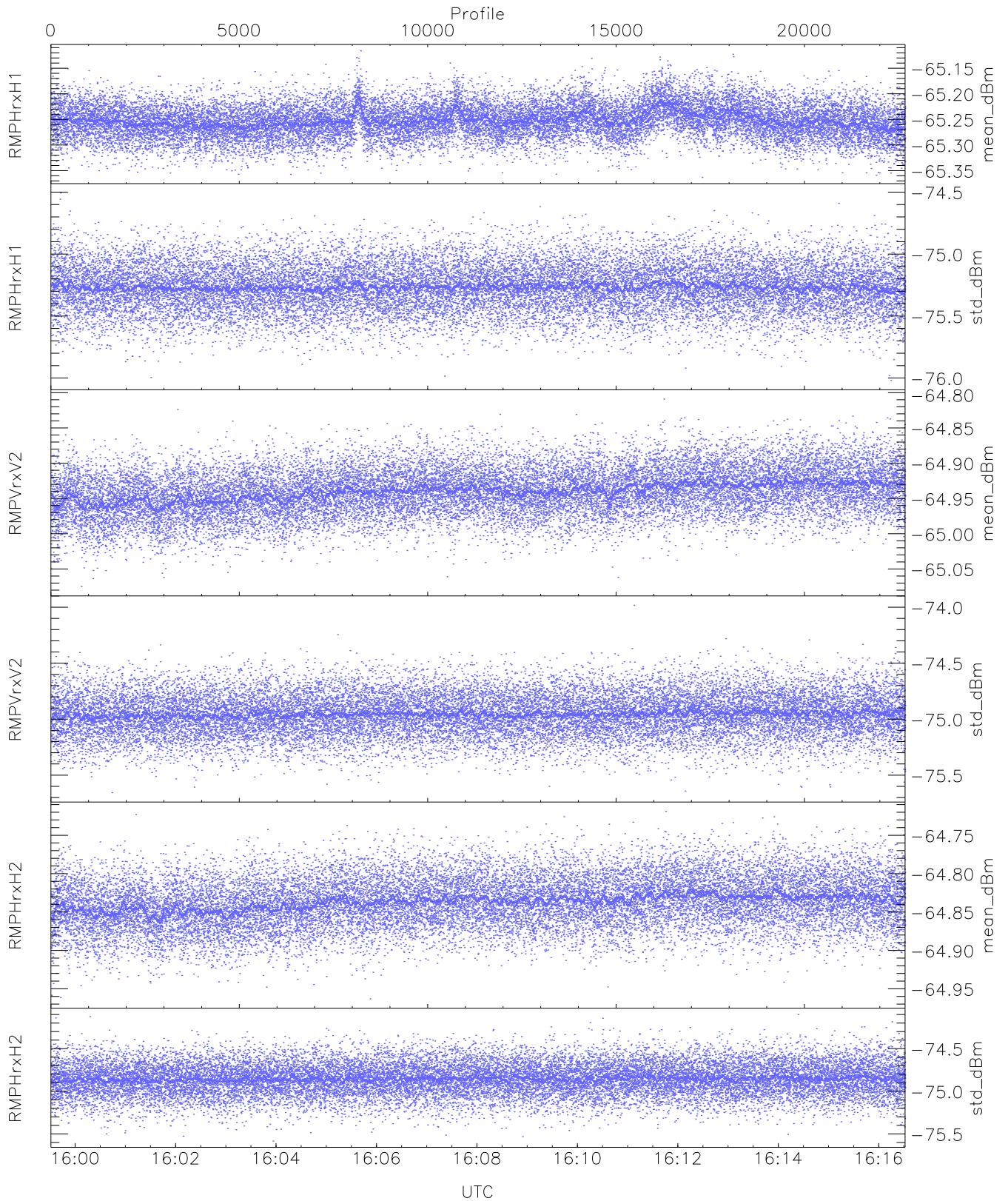
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,21,23  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,23,24  
LOalarm(20,240,2817,14861 MHz): 0,0,68,0  
EIK/Modulator Faults: None



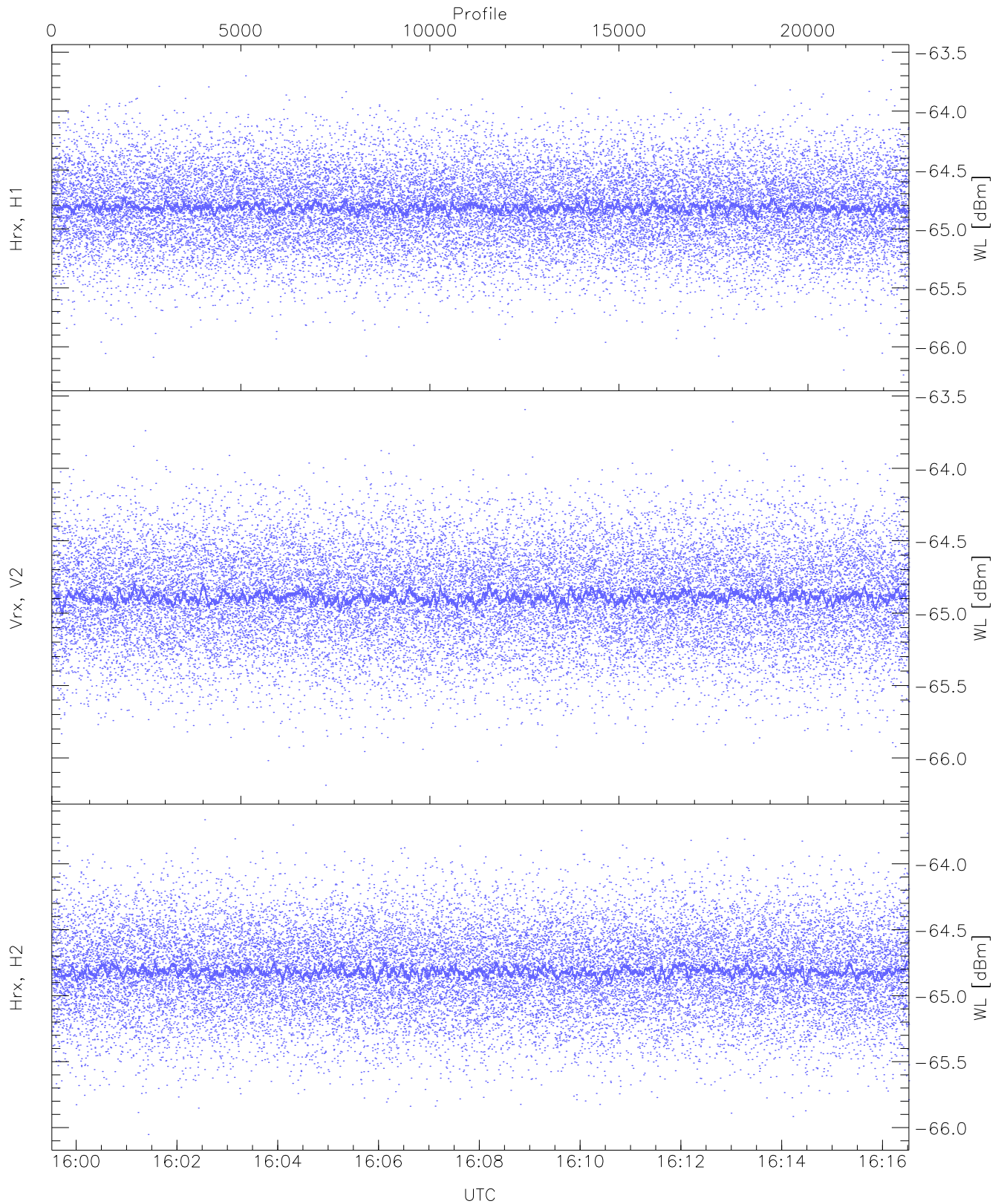
WCR3 CPP Receivers Gain and Noise Figure

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



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

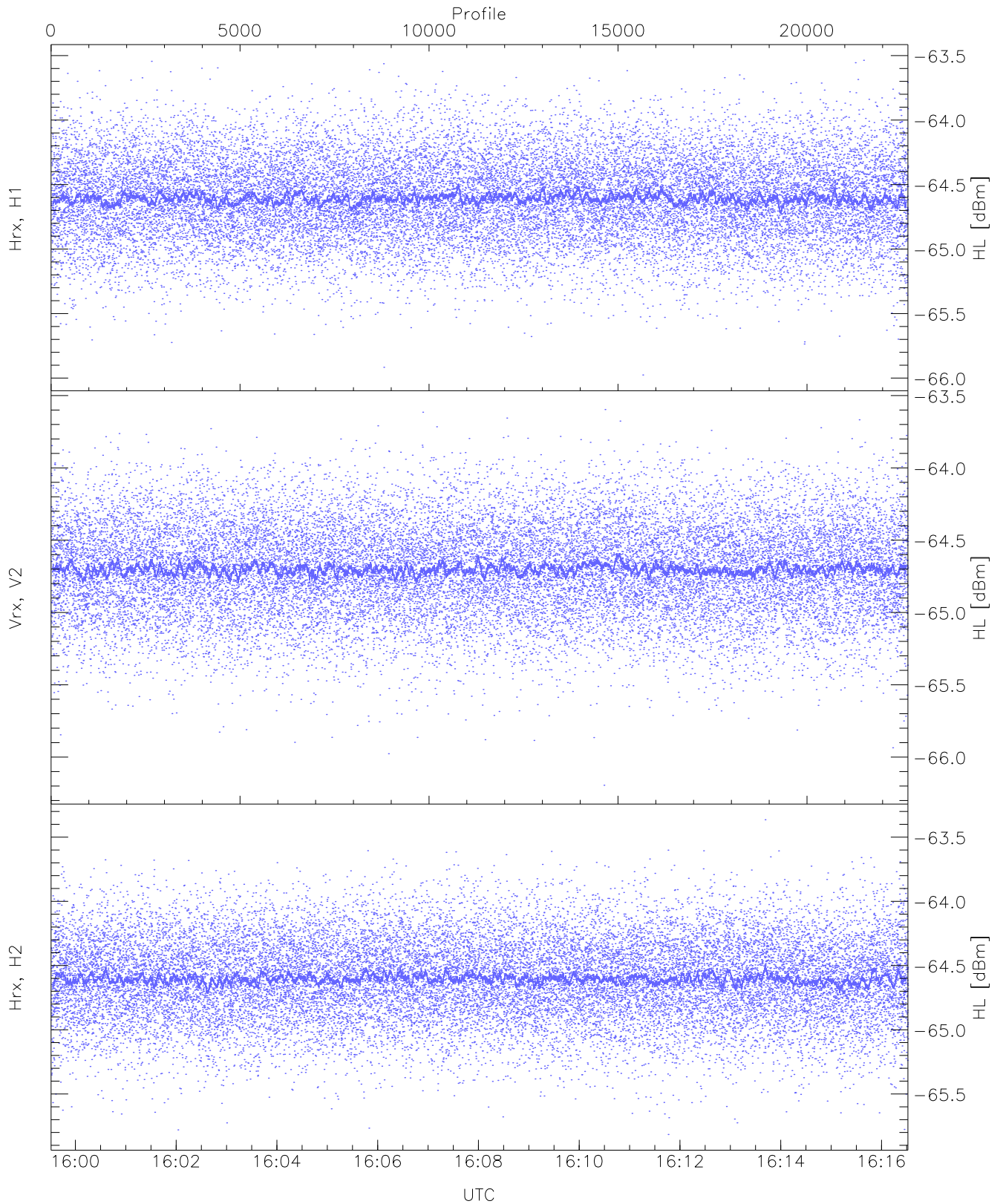
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.36	-65.12	-65.25	-65.25	-86.61
RMPHrxH1(std_dBm)	-76.02	-74.51	-75.27	-75.27	-89.01
RMPVrxV2(mean_dBm)	-65.07	-64.81	-64.94	-64.94	-86.28
RMPVrxV2(std_dBm)	-75.66	-73.98	-74.96	-74.96	-88.73
RMPHrxH2(mean_dBm)	-64.96	-64.72	-64.84	-64.84	-86.26
RMPHrxH2(std_dBm)	-75.58	-74.10	-74.85	-74.86	-88.63



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

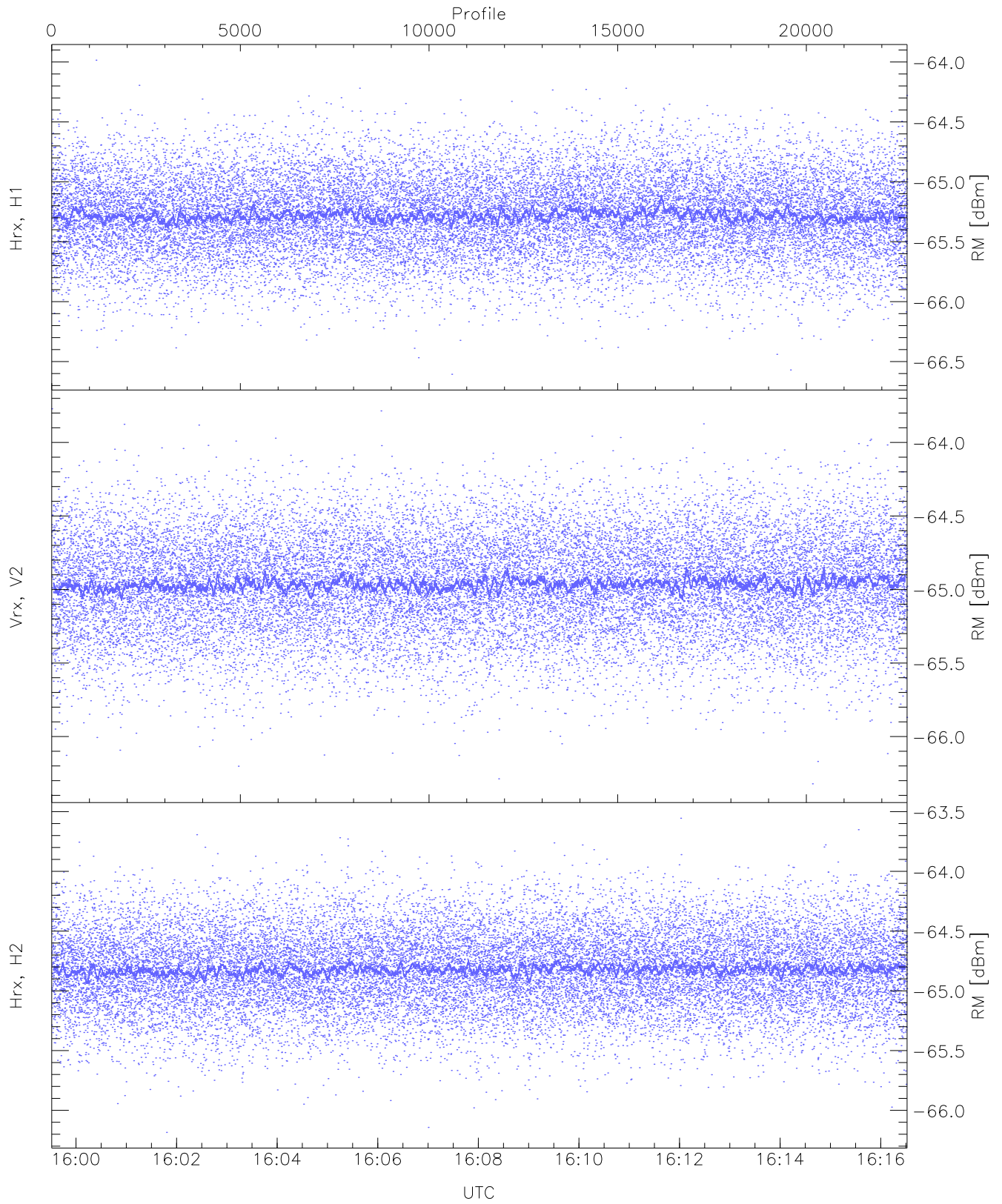
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.57	-64.81	-64.82	-76.30
Vrx, V2 (WL [dBm])	-66.19	-63.59	-64.88	-64.89	-76.39
Hrx, H2 (WL [dBm])	-66.05	-63.67	-64.81	-64.82	-76.35





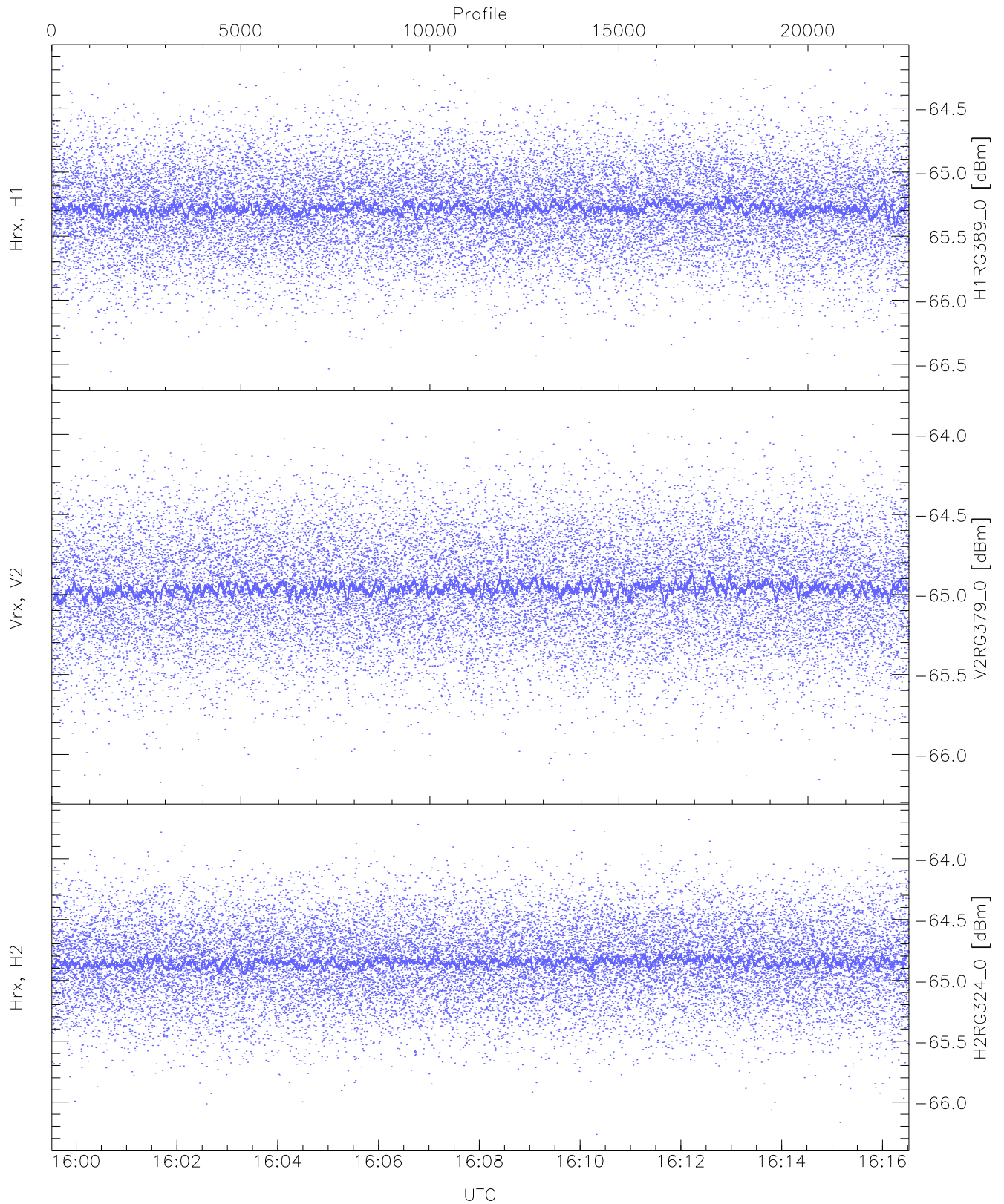
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.54	-64.60	-64.61	-76.11
Vrx, V2 (HL [dBm])	-66.19	-63.60	-64.69	-64.70	-76.21
Hrx, H2 (HL [dBm])	-65.82	-63.36	-64.60	-64.61	-76.11



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

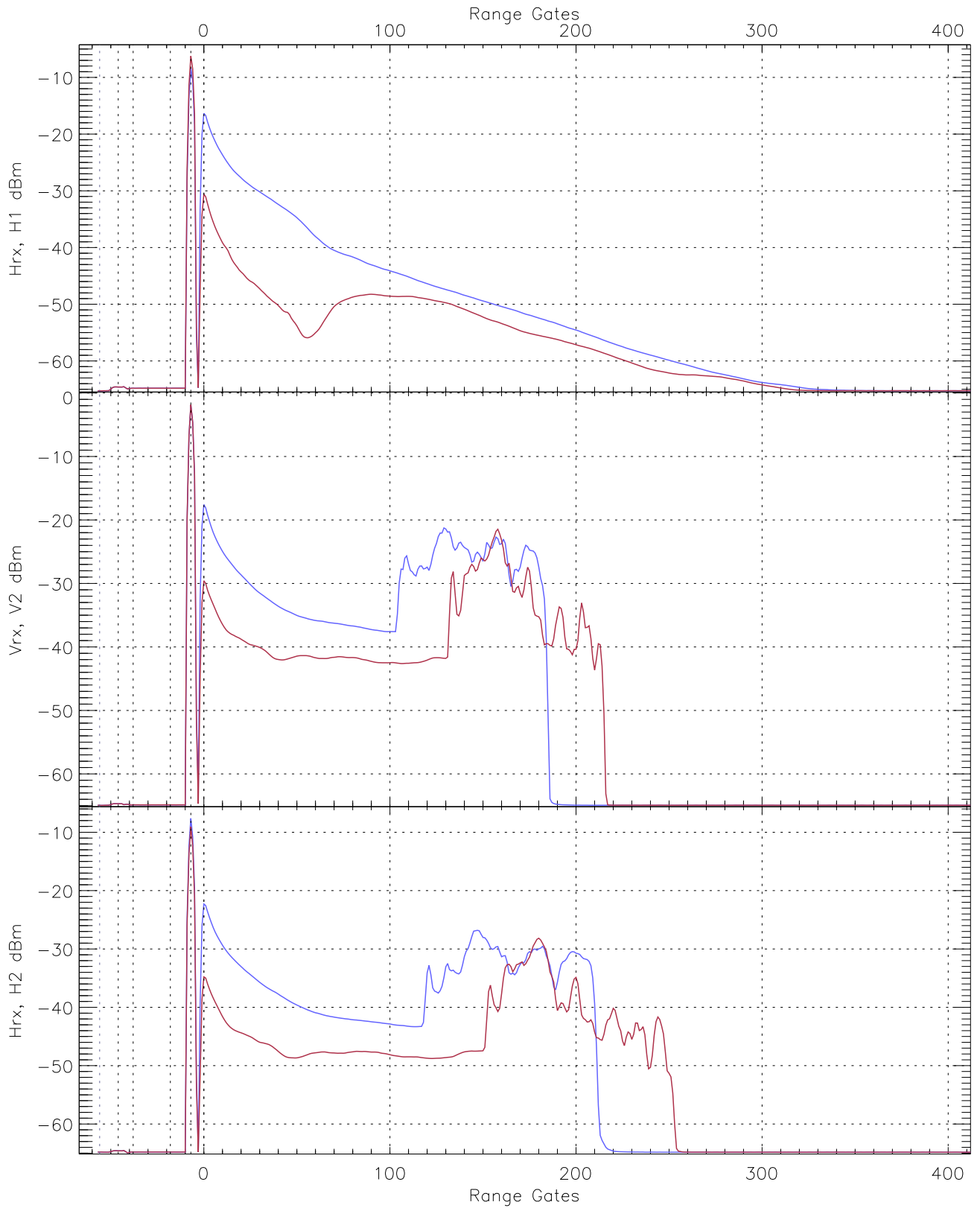
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.61	-63.99	-65.28	-65.28	-76.78
Vrx, V2 (RM [dBm])	-66.32	-63.77	-64.96	-64.96	-76.45
Hrx, H2 (RM [dBm])	-66.18	-63.56	-64.82	-64.83	-76.31



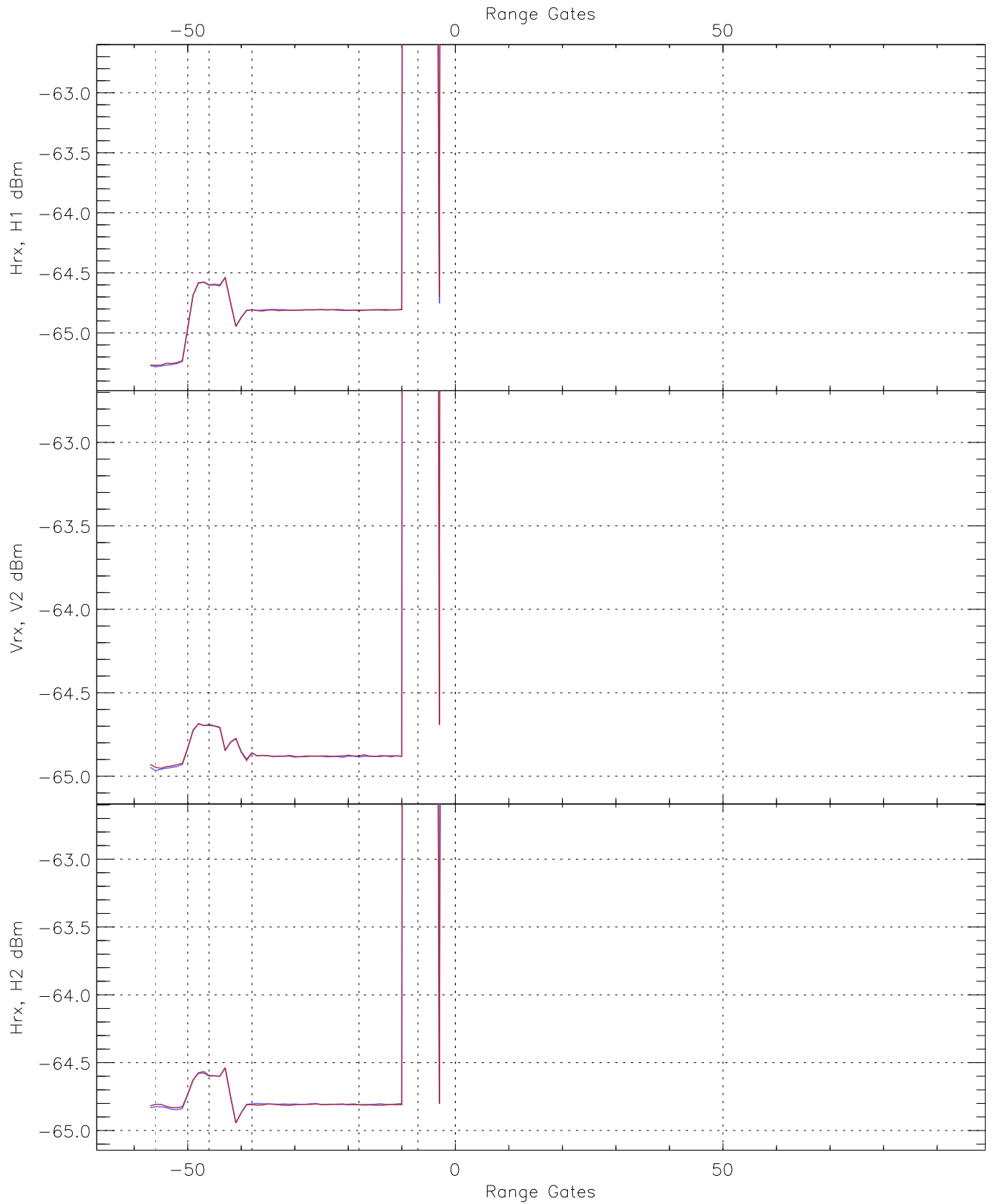
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG389_0 [dBm]	-66.58	-64.13	-65.28	-65.28	-76.74
V2RG379_0 [dBm]	-66.19	-63.84	-64.96	-64.97	-76.46
H2RG324_0 [dBm]	-66.27	-63.68	-64.84	-64.85	-76.36

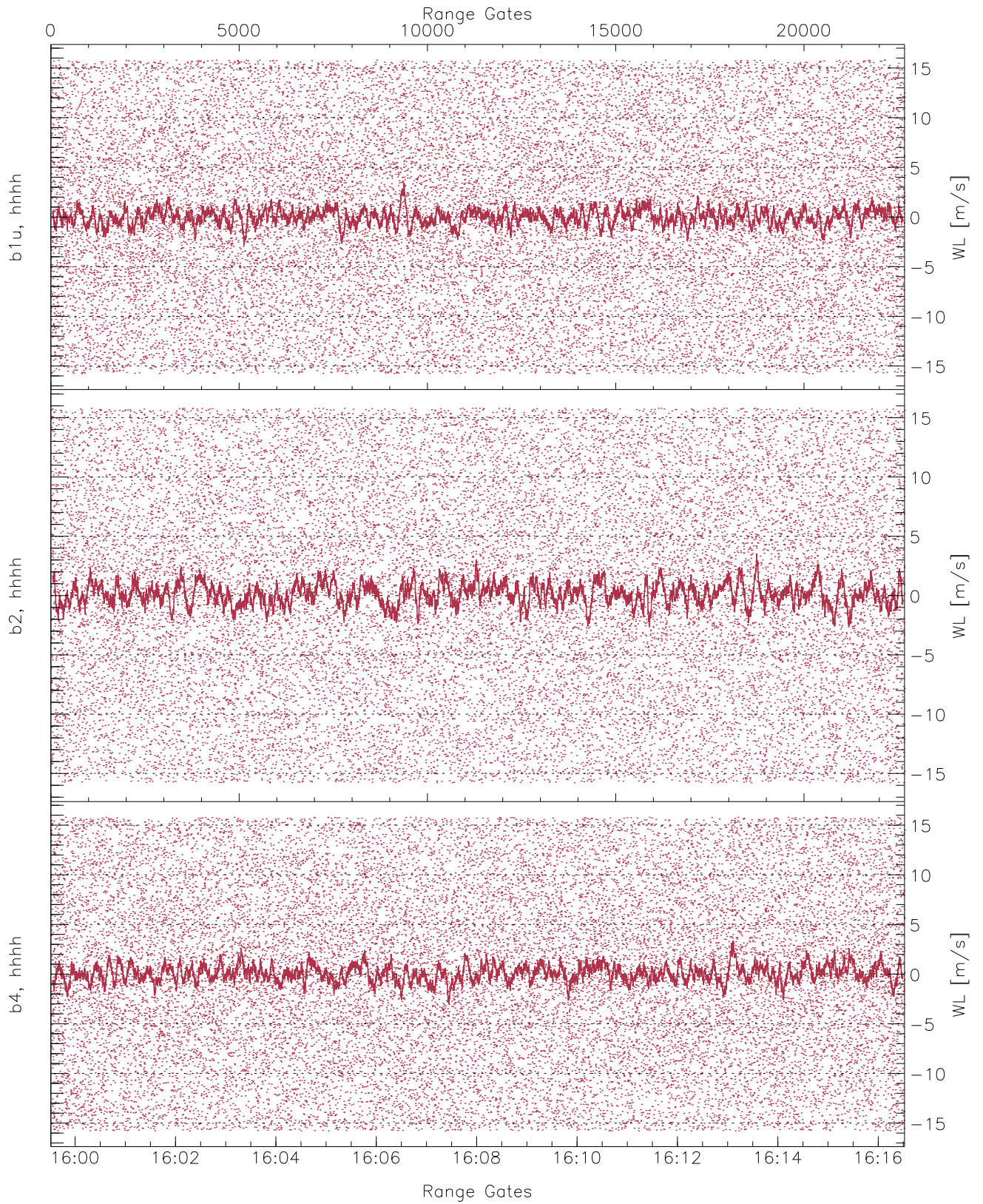




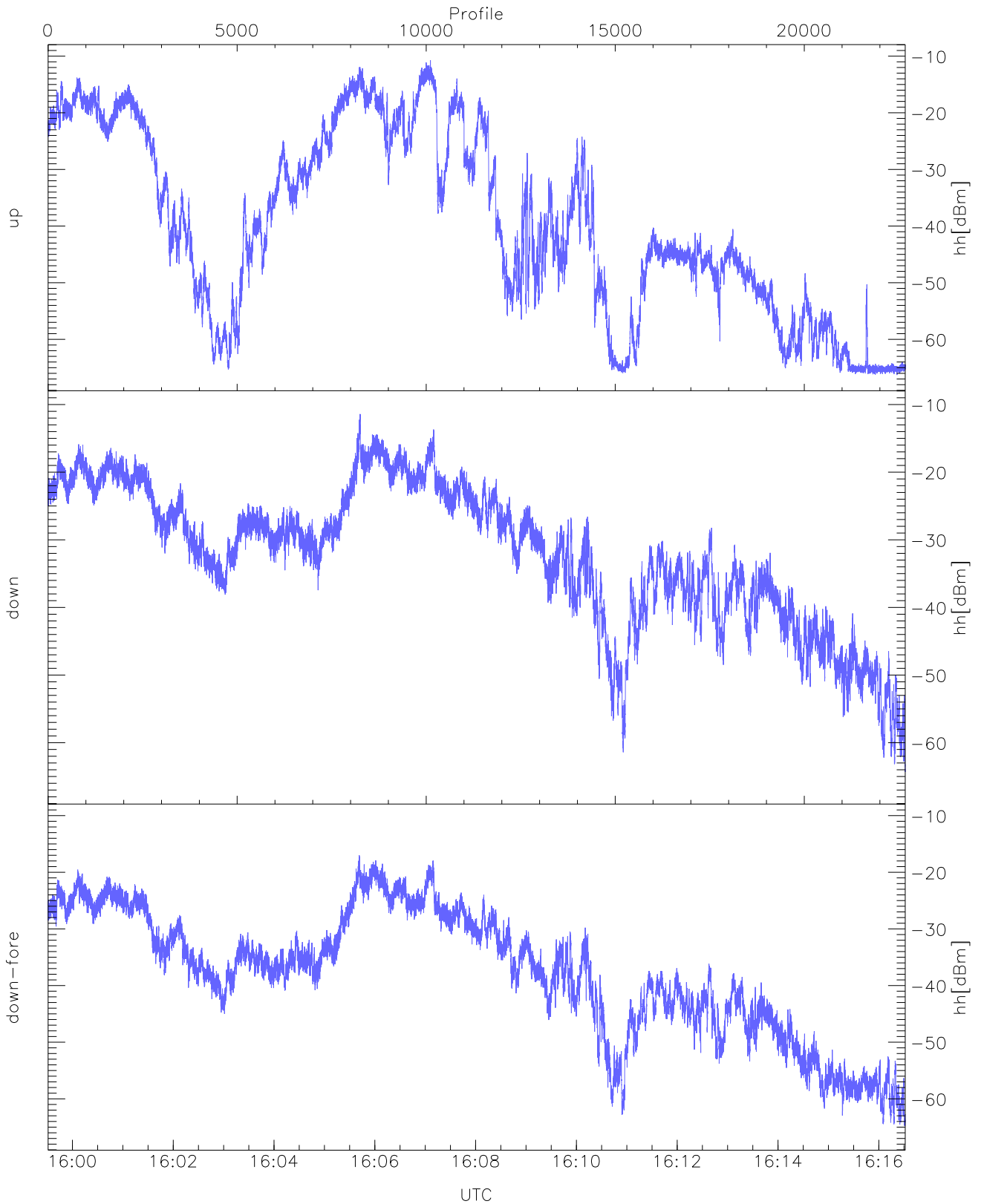
WCR3 CPP Averaged Received power for all recorded gates  
blue: 155931-160801, 11337 profiles averaged  
red: 160801-161631, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 155931-160801, 11337 profiles averaged  
red: 160801-161631, 11336 profiles averaged



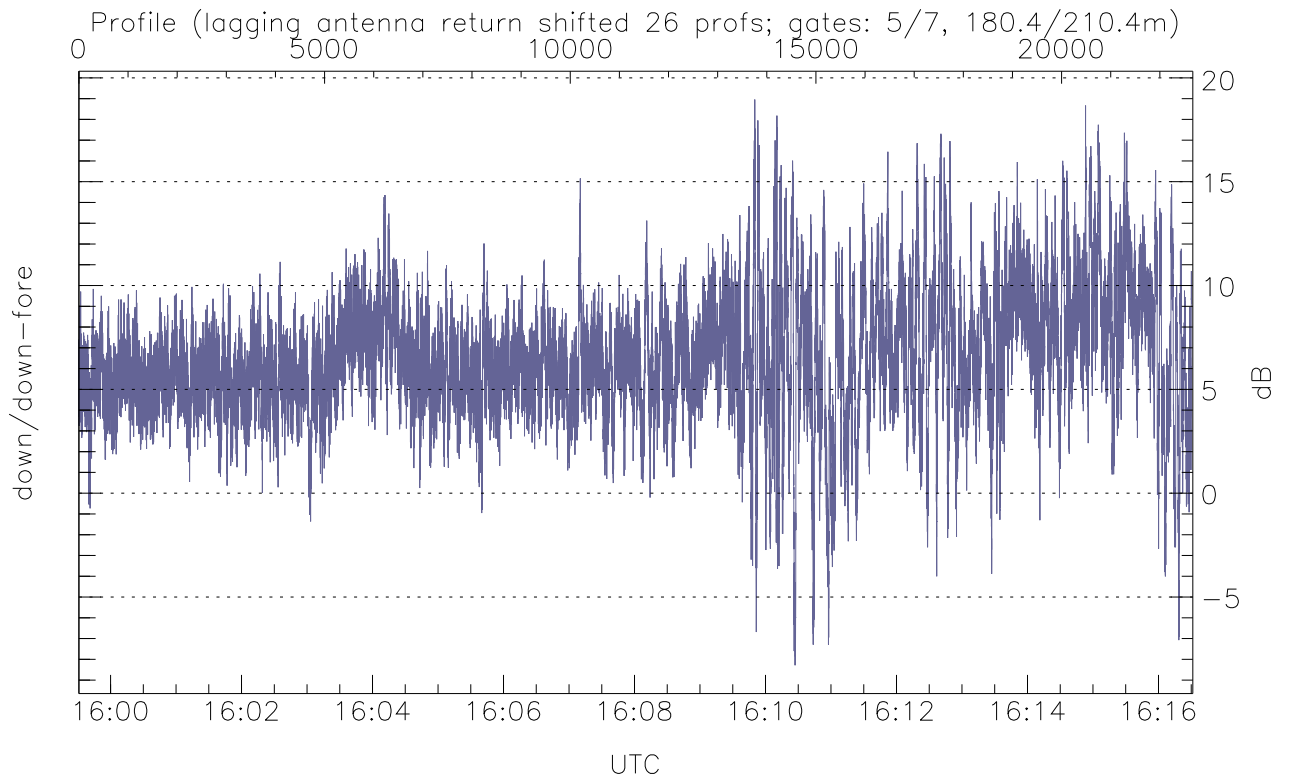
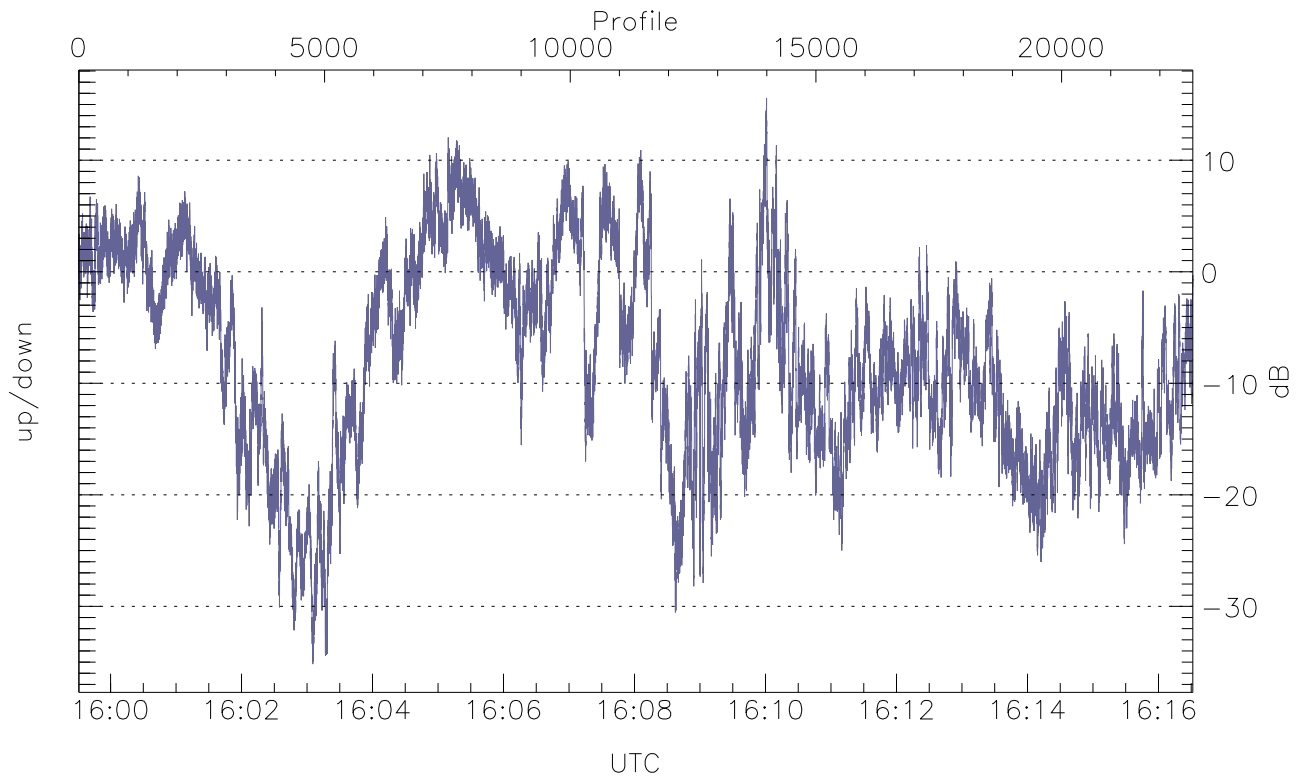
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

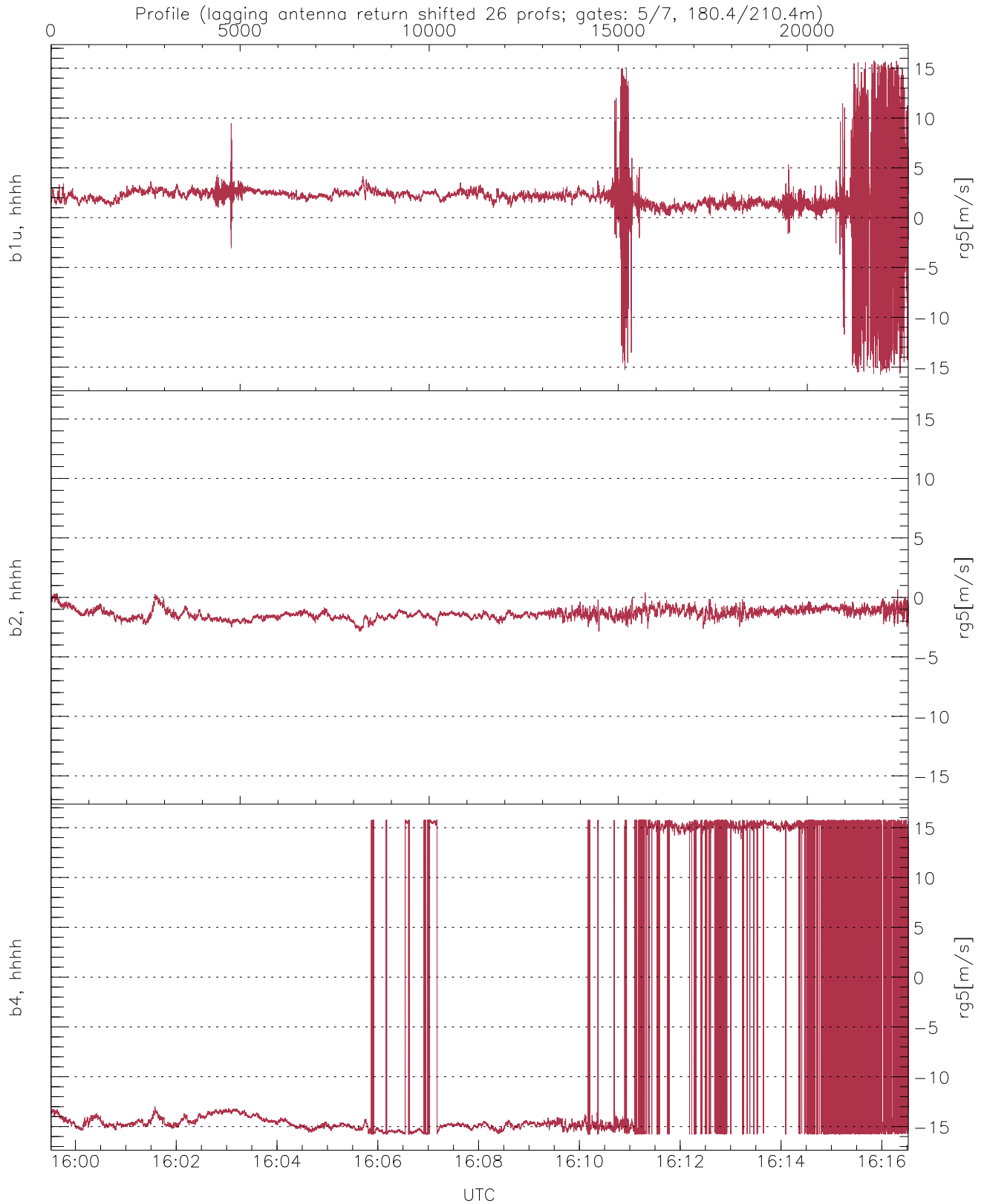
	Min	Max	Mean
up(hh[dBm])	-66.29	-10.74	-23.39
down(hh[dBm])	-64.32	-11.40	-24.64
down-fore(hh[dBm])	-64.74	-16.98	-29.05





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

	Min	Max	Mean
up/down (dB)	-35.18	15.55	-7.64
down/down-fore (dB)	-8.29	18.96	6.52



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.76	1.89	2.27
b2, hhhh(rg5[m/s])	-2.89	0.65	-1.37	0.44
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.66	13.37