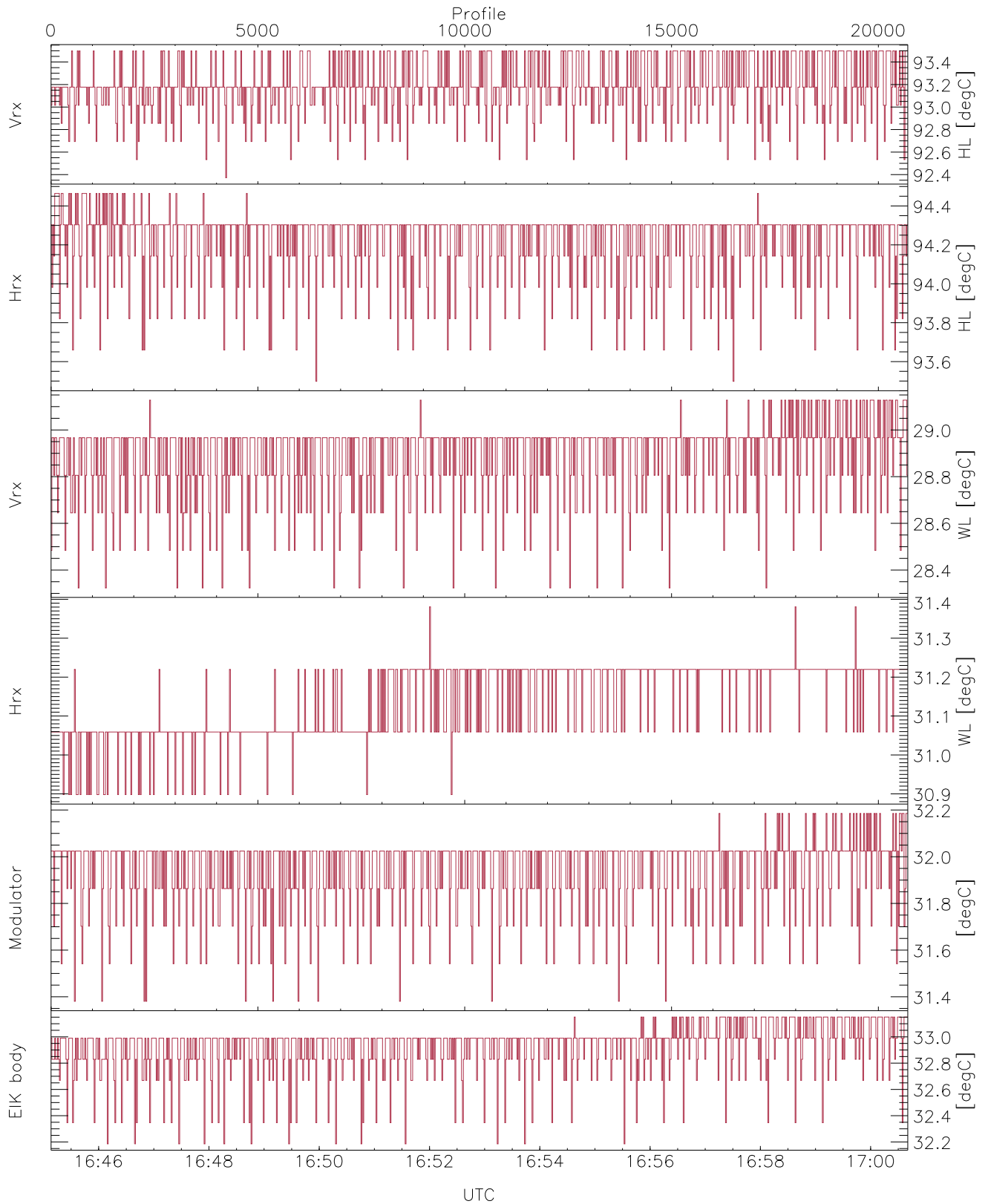


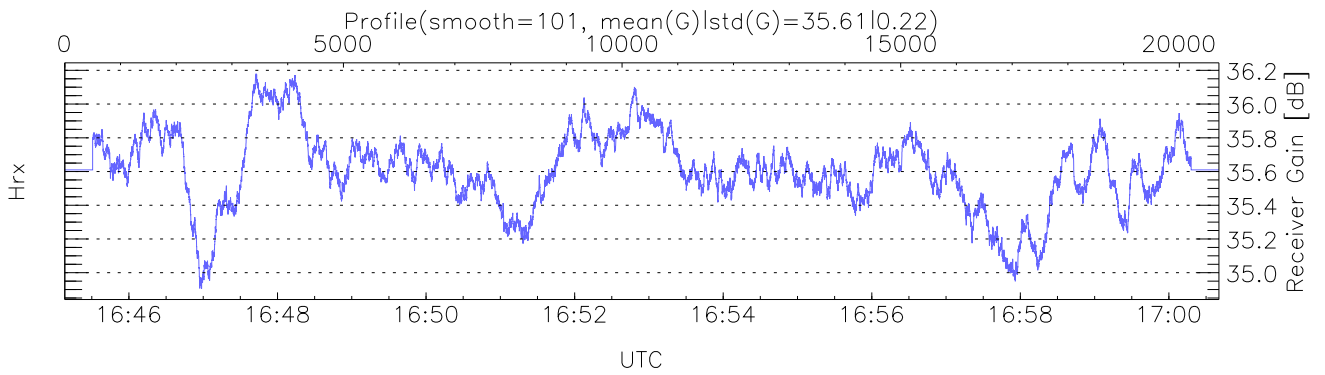
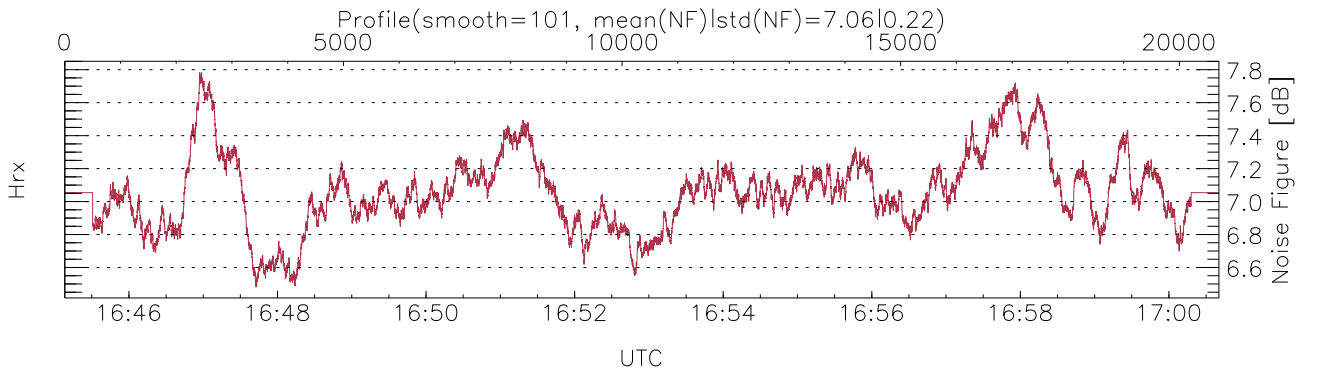
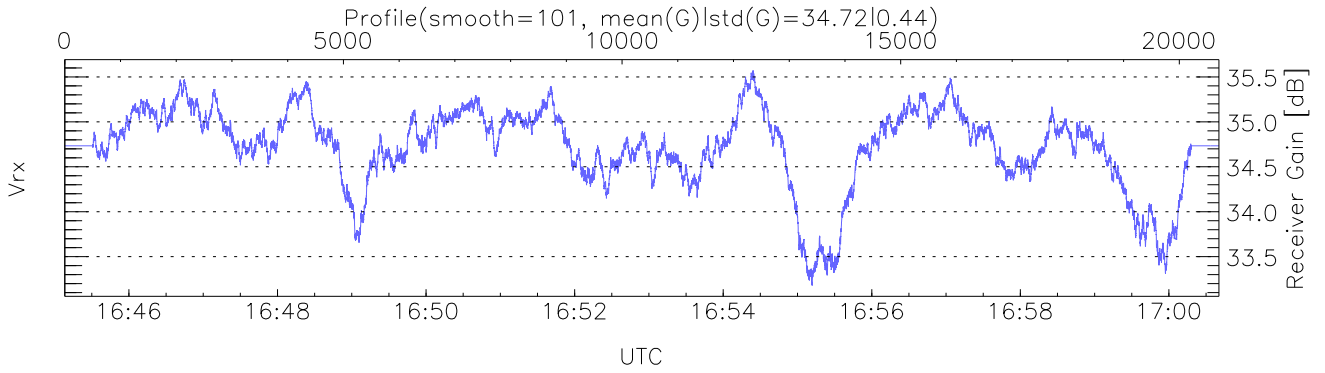
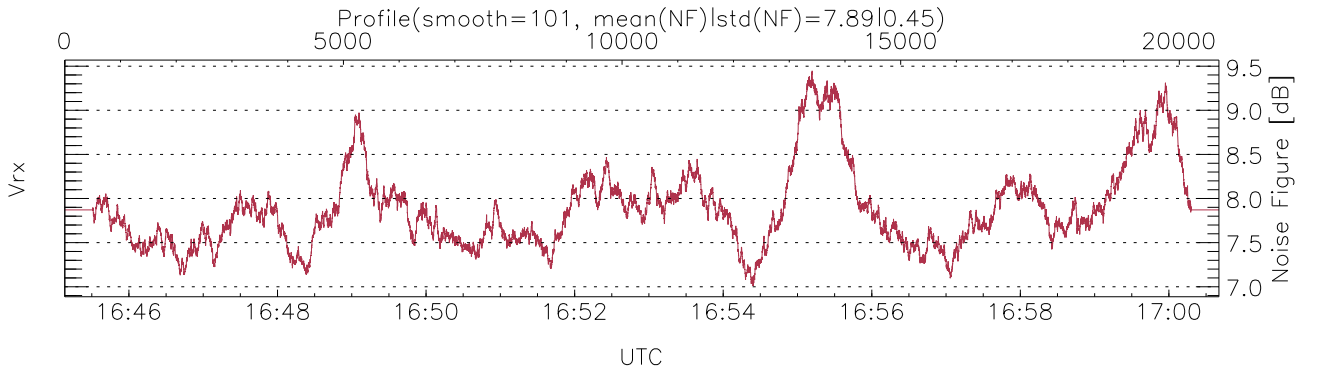
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:45:08-17:00:40, TimeCor: 0.00s, Dur: 932.23s  
 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): 20712/20712, 0-20711/16:45:08-17:00:40  
 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



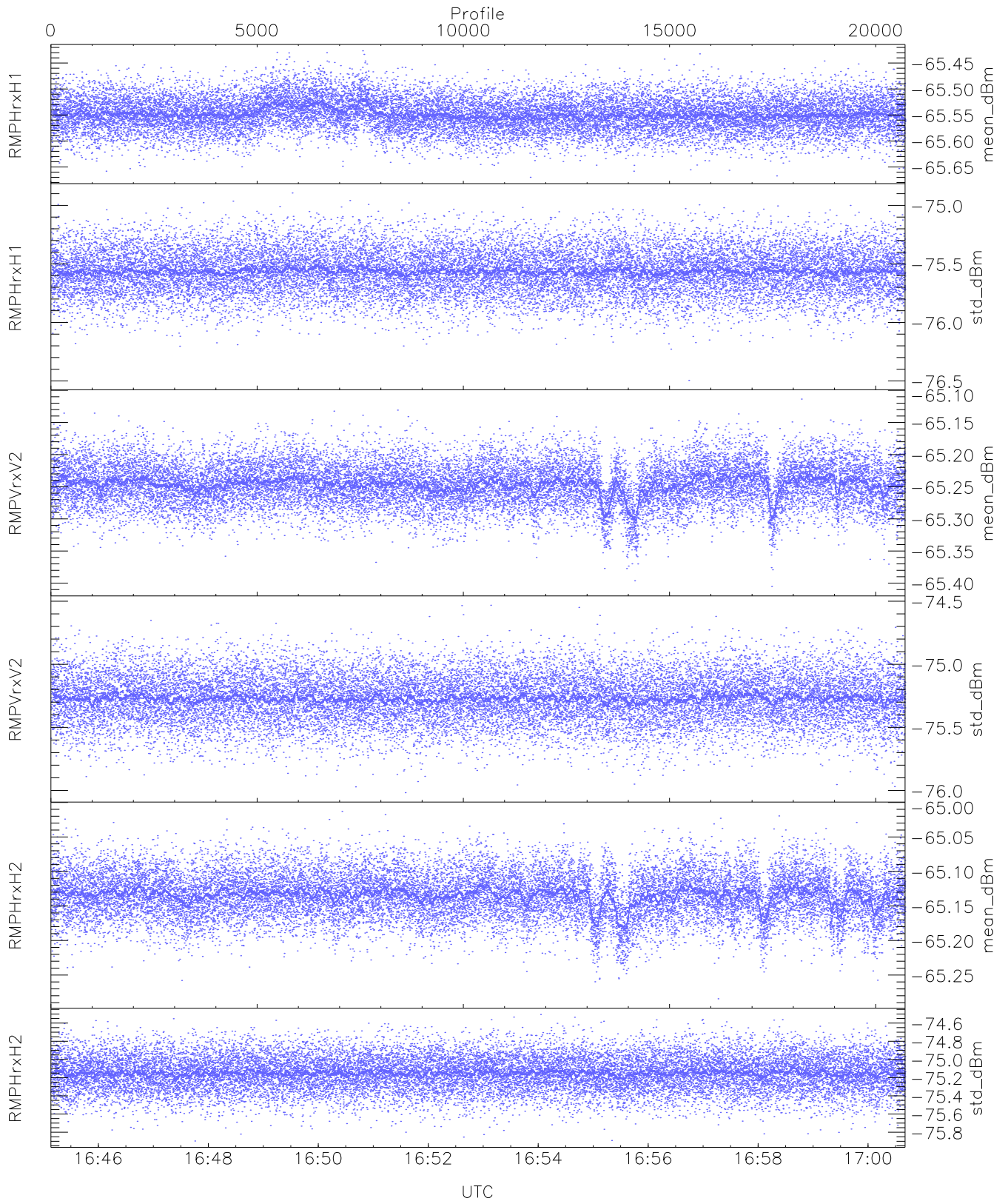
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,30,31,32  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,32,33  
 LOalarm(20,240,2817,14861 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (48,48,48,70,70,48)



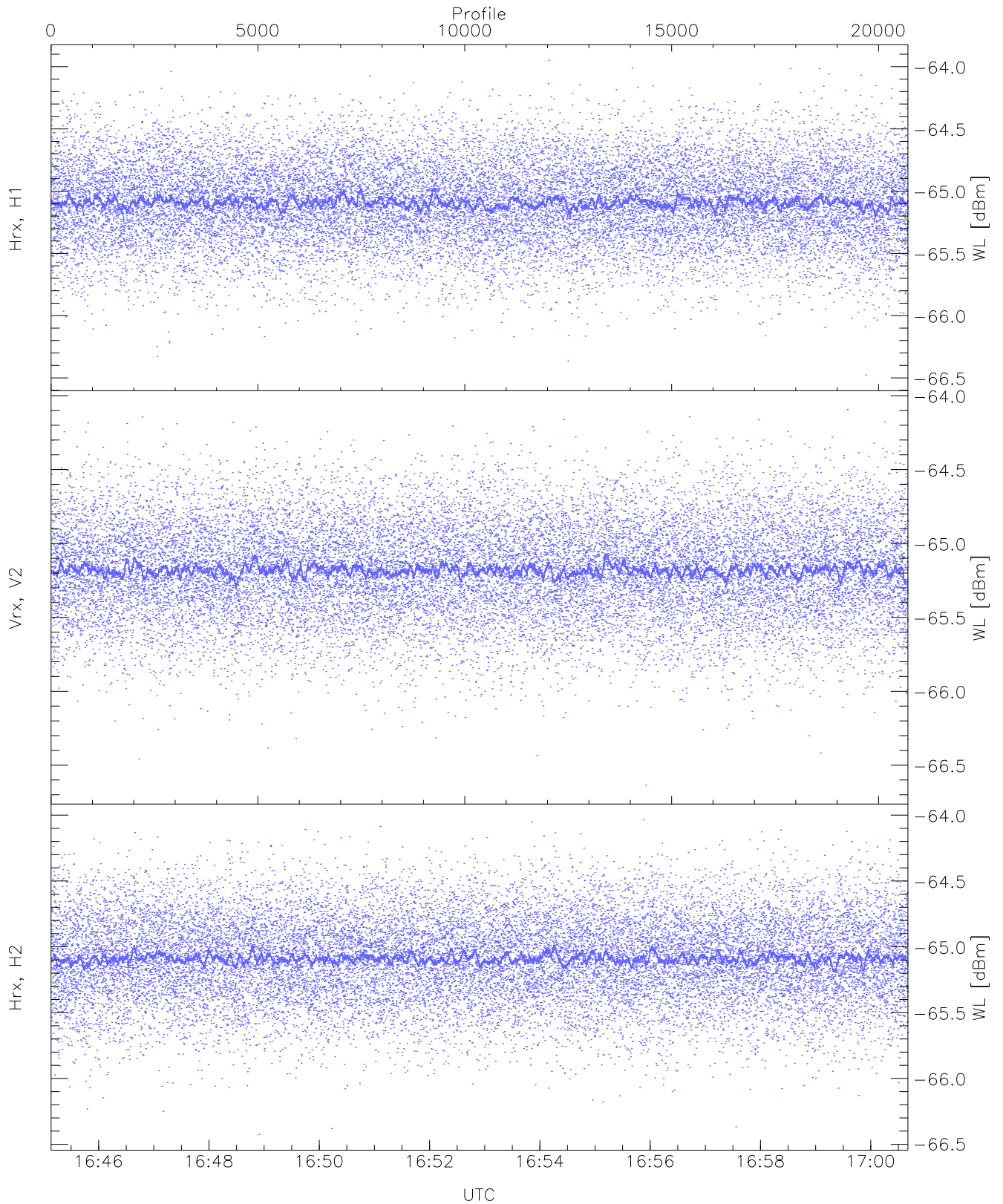
### WCR3 CPP Receivers Gain and Noise Figure

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



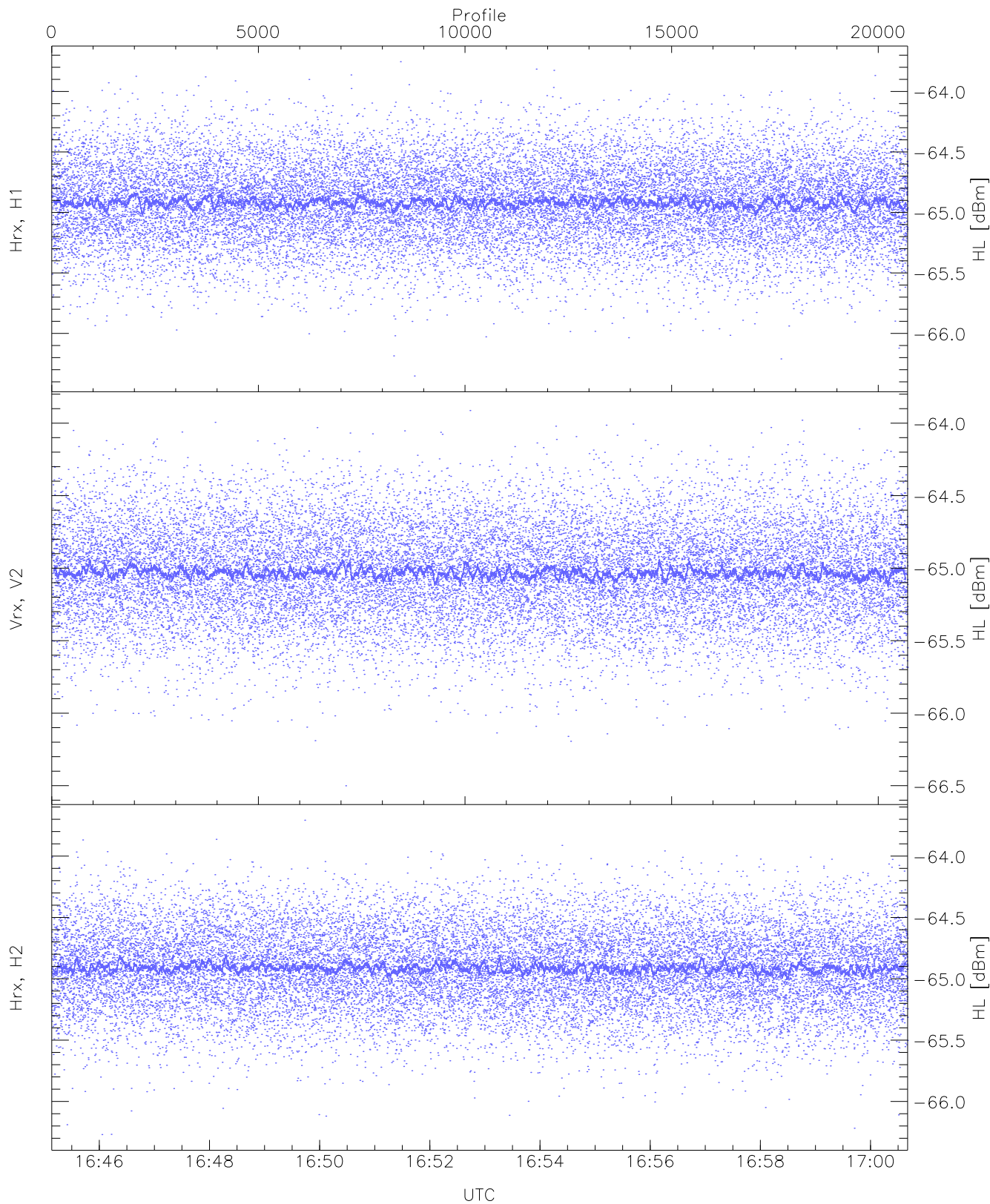
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.67	-65.43	-65.55	-65.55	-87.04
RMPHrxH1(std_dBm)	-76.50	-74.89	-75.56	-75.56	-89.38
RMPVrxV2(mean_dBm)	-65.41	-65.11	-65.25	-65.25	-86.54
RMPVrxV2(std_dBm)	-76.02	-74.53	-75.27	-75.27	-89.04
RMPHrxH2(mean_dBm)	-65.28	-65.01	-65.14	-65.13	-86.49
RMPHrxH2(std_dBm)	-75.90	-74.51	-75.15	-75.15	-88.92



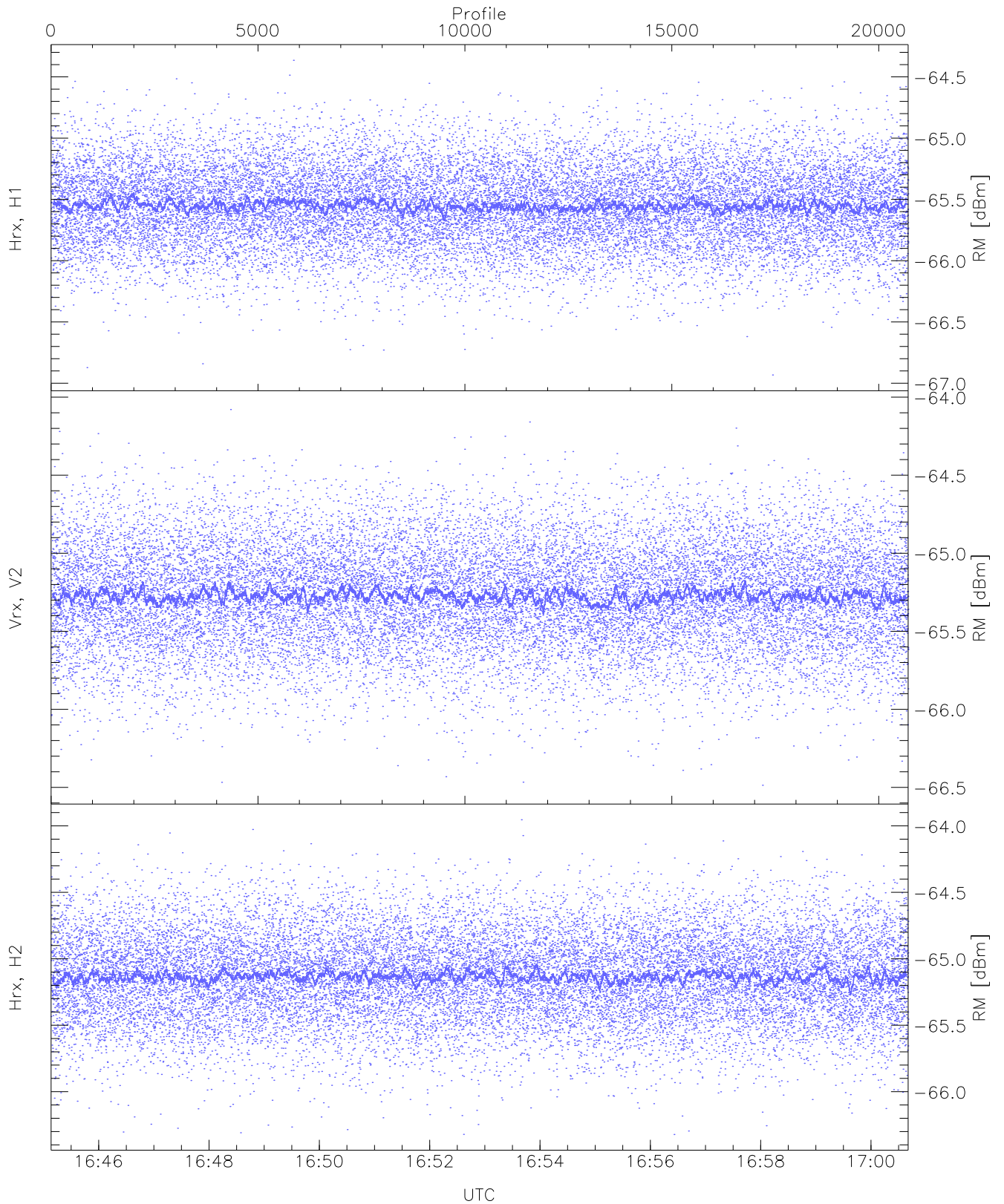
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.48	-63.95	-65.08	-65.09	-76.54
Vrx, V2 (WL [dBm])	-66.64	-64.09	-65.17	-65.18	-76.69
Hrx, H2 (WL [dBm])	-66.43	-64.04	-65.08	-65.09	-76.59



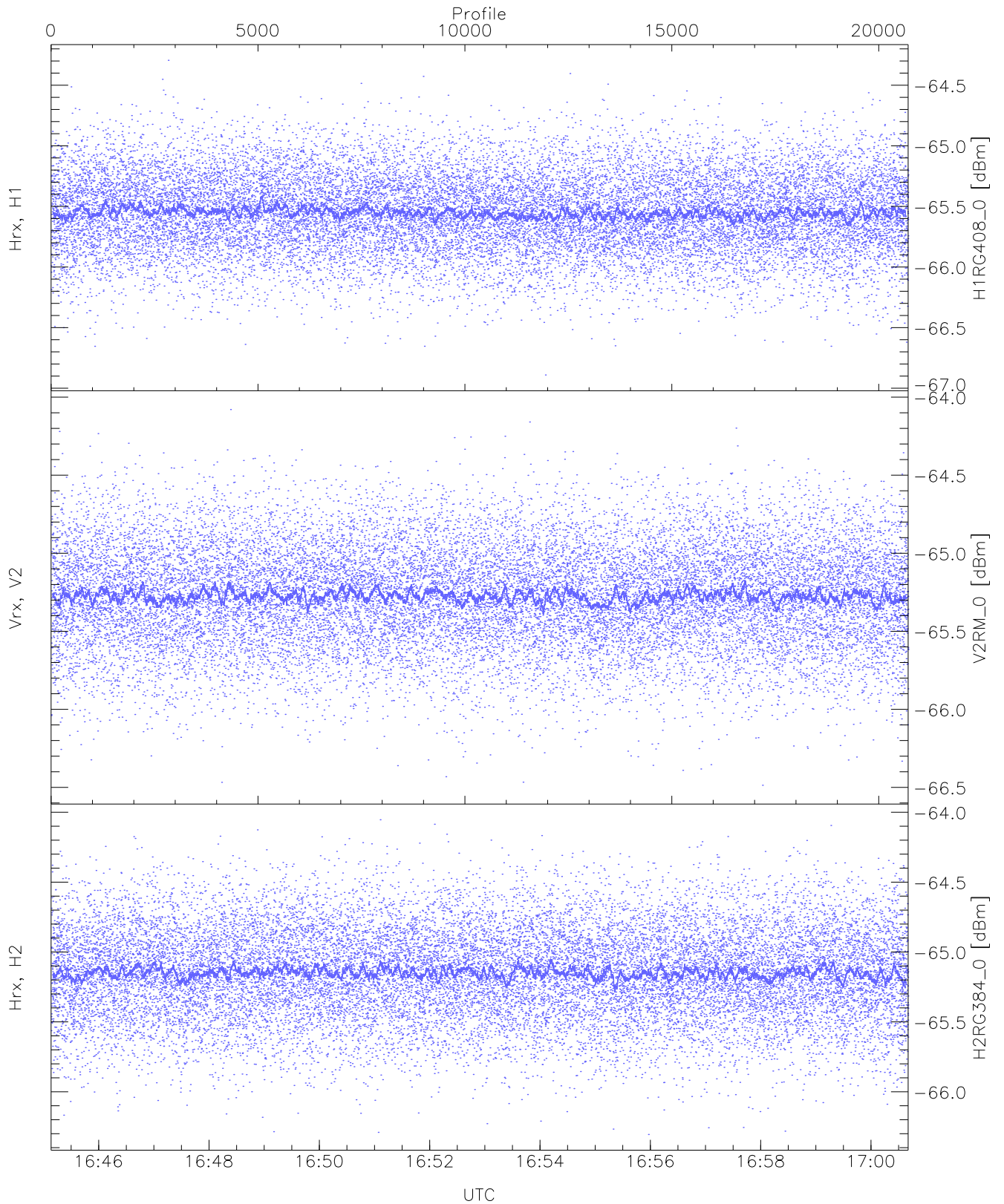
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.35	-63.75	-64.91	-64.92	-76.38
Vrx, V2 (HL [dBm])	-66.50	-63.91	-65.02	-65.03	-76.56
Hrx, H2 (HL [dBm])	-66.27	-63.71	-64.91	-64.91	-76.45



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

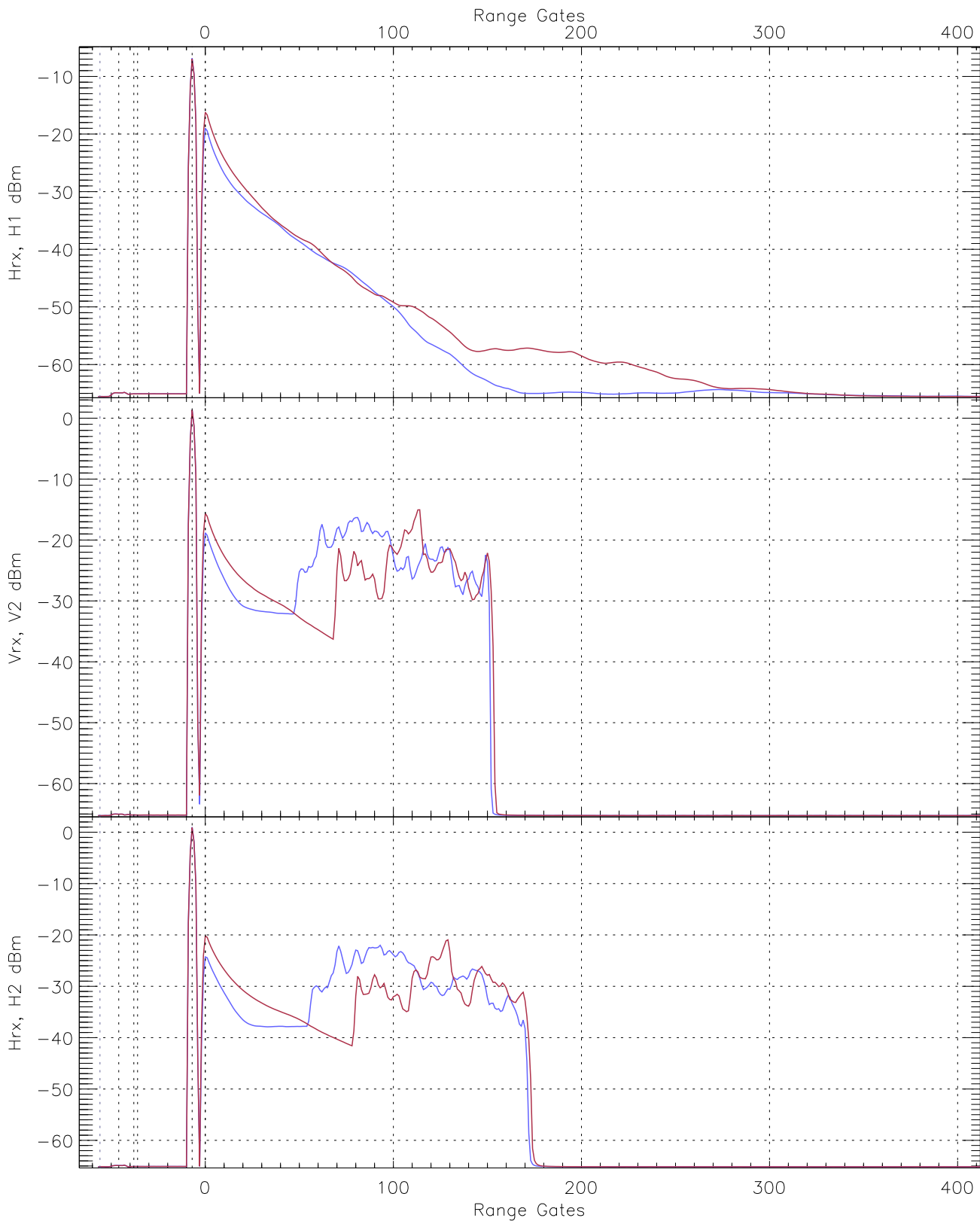
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.93	-64.36	-65.54	-65.55	-77.08
Vrx, V2 (RM [dBm])	-66.49	-64.08	-65.27	-65.27	-76.77
Hrx, H2 (RM [dBm])	-66.32	-63.95	-65.13	-65.13	-76.65



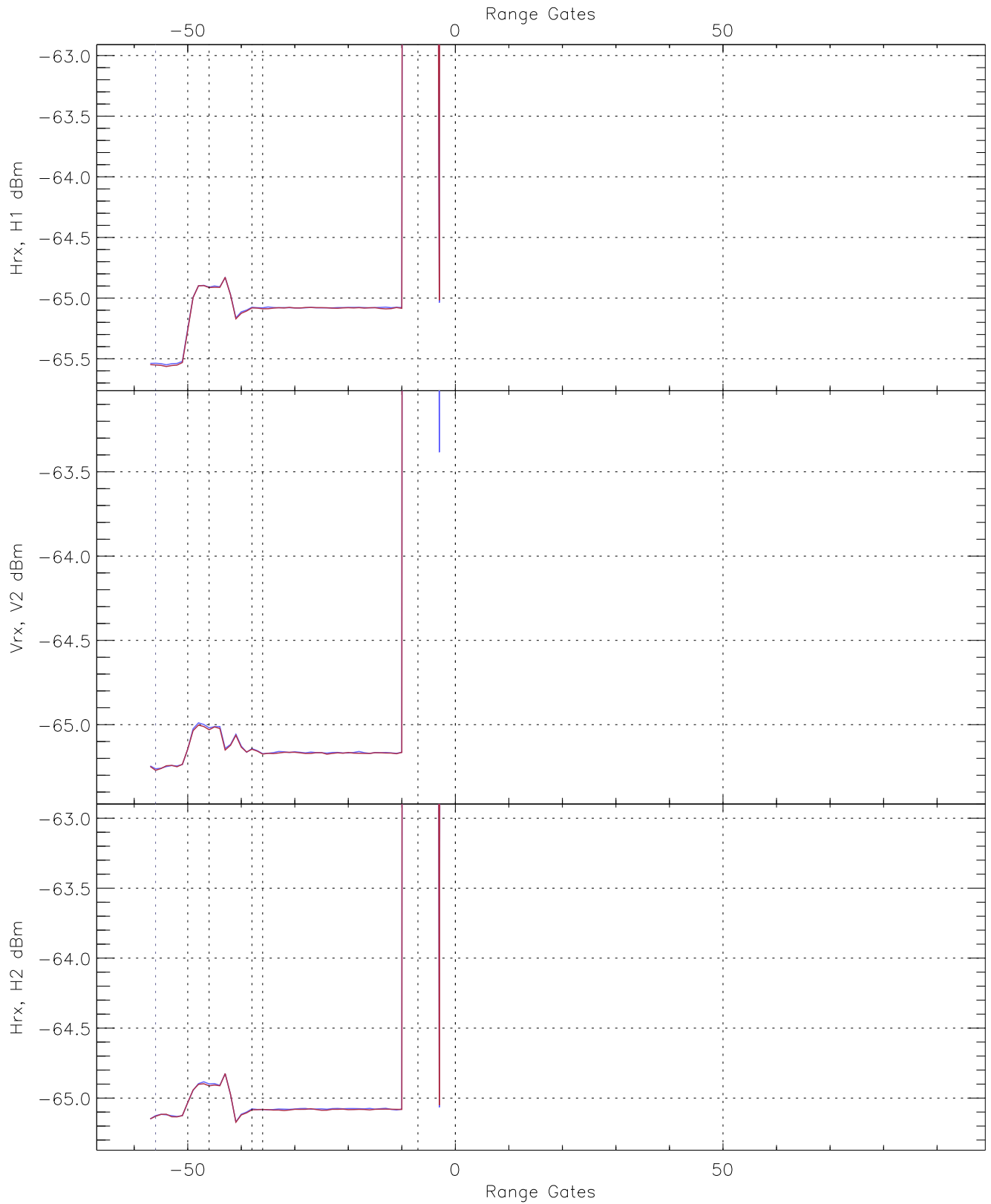
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.89	-64.29	-65.54	-65.55	-77.04
V2RM_0 [dBm]	-66.49	-64.08	-65.27	-65.27	-76.77
H2RG384_0 [dBm]	-66.31	-64.05	-65.14	-65.15	-76.61

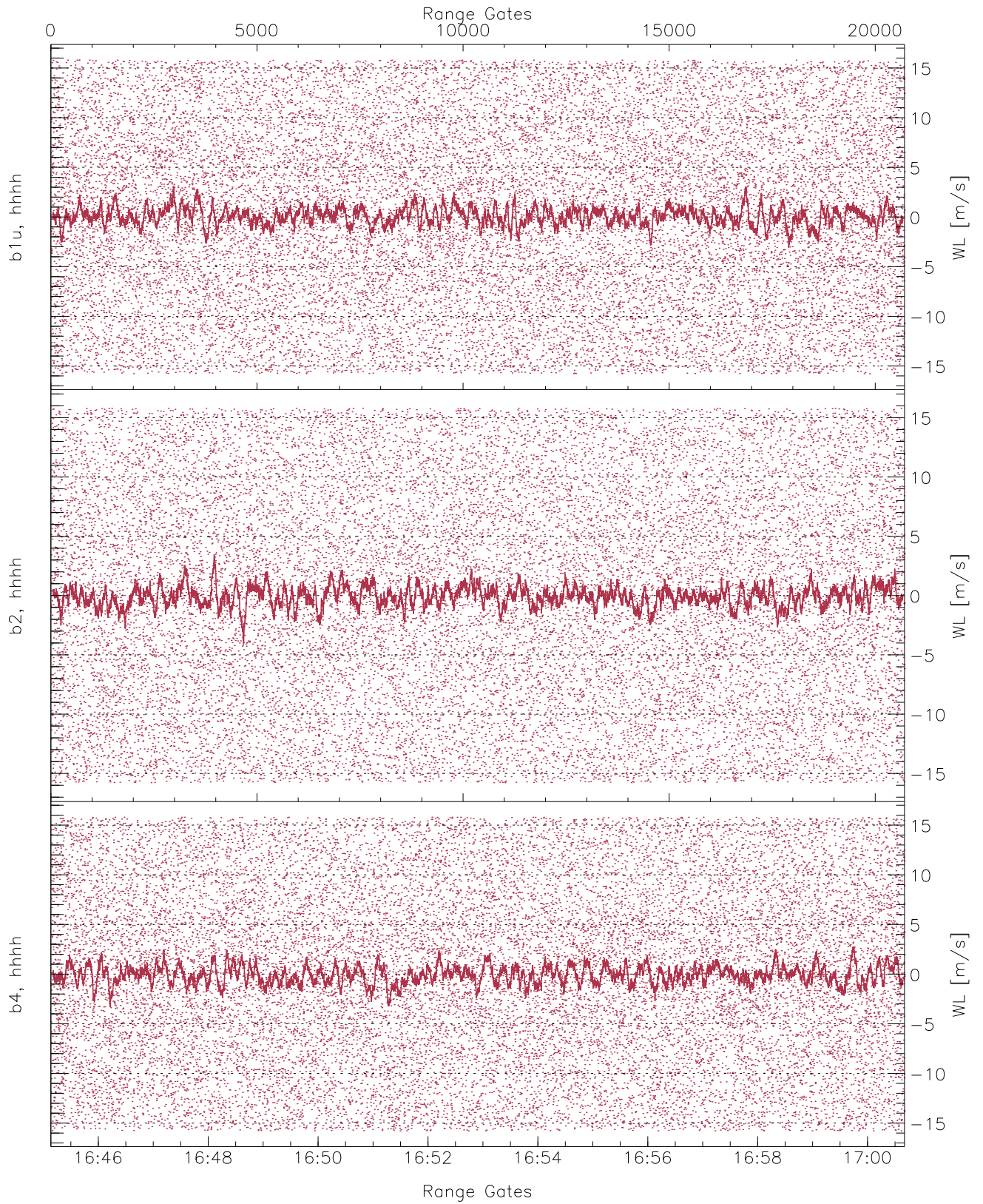




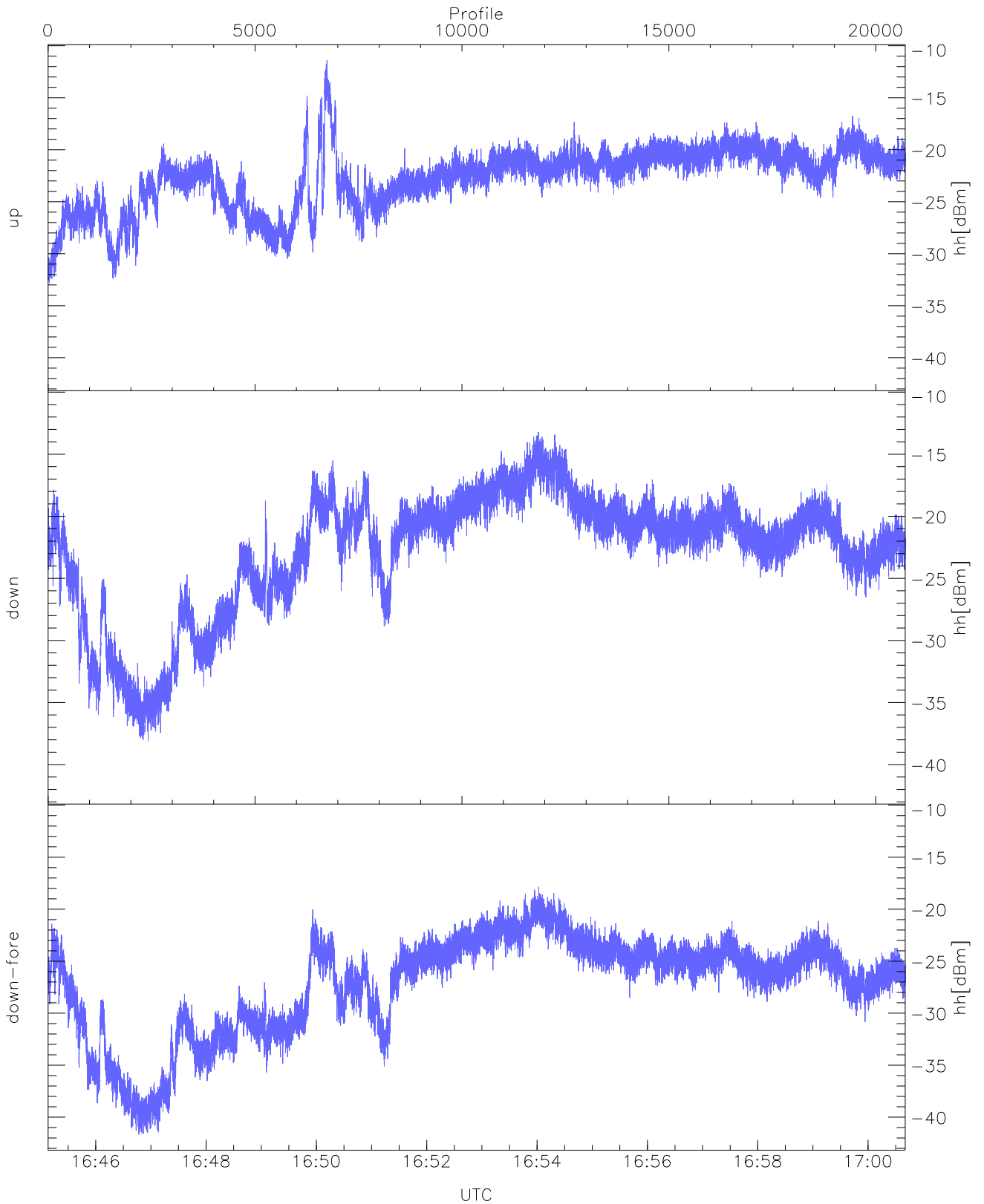
WCR3 CPP Averaged Received power for all recorded gates  
blue: 164508-165254, 10357 profiles averaged  
red: 165254-170040, 10356 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 164508-165254, 10357 profiles averaged  
red: 165254-170040, 10356 profiles averaged

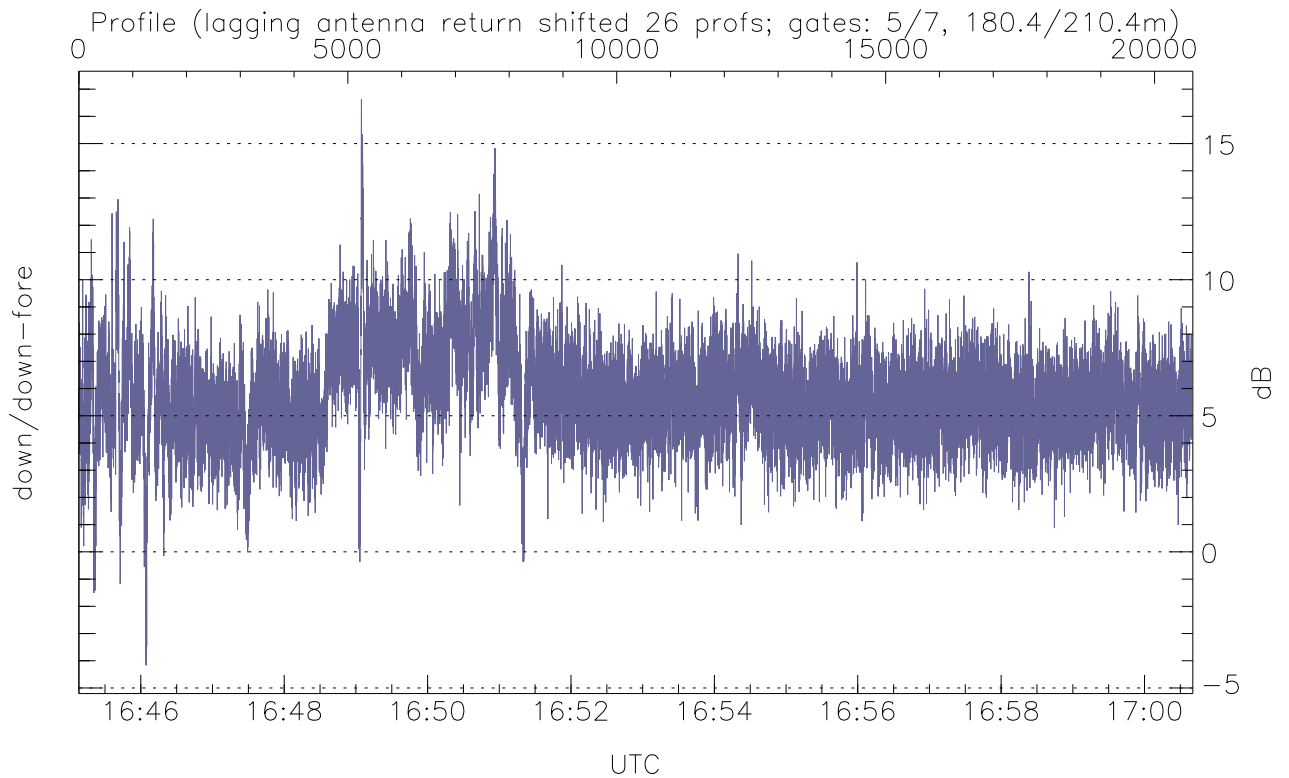
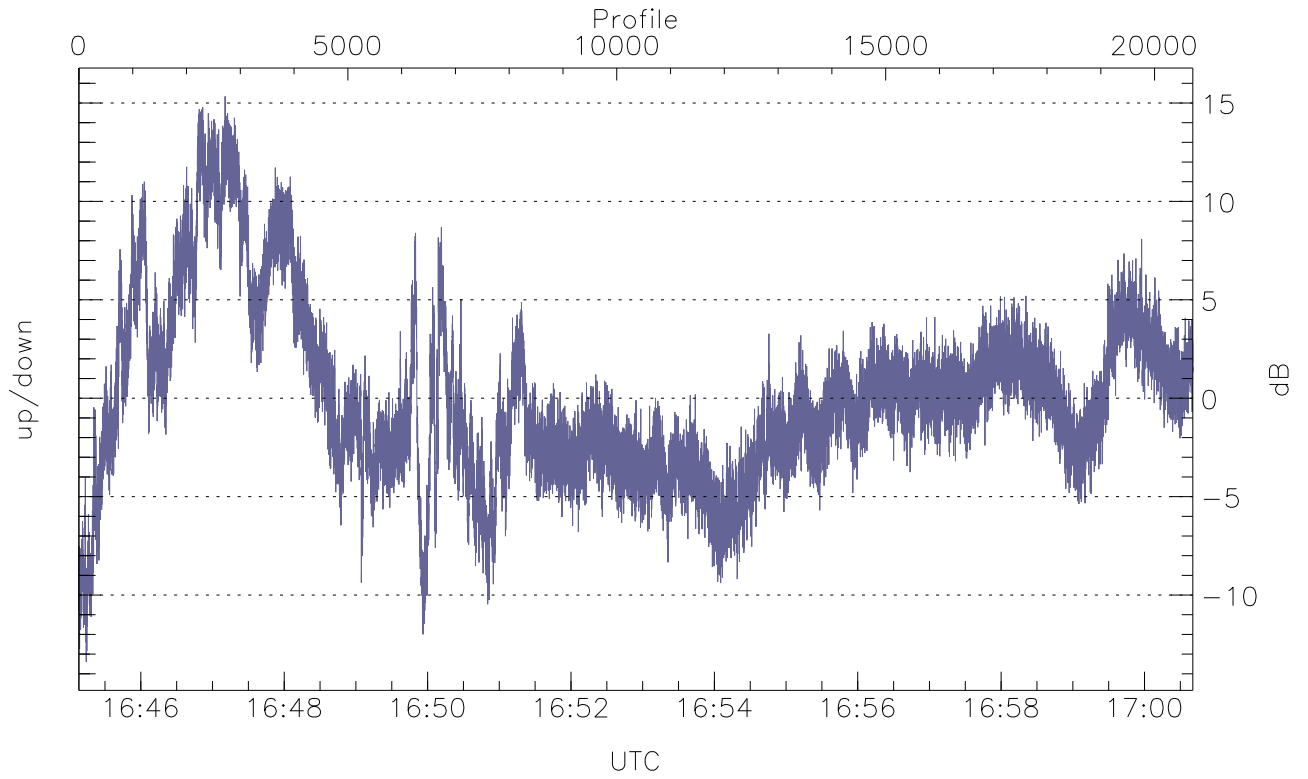


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



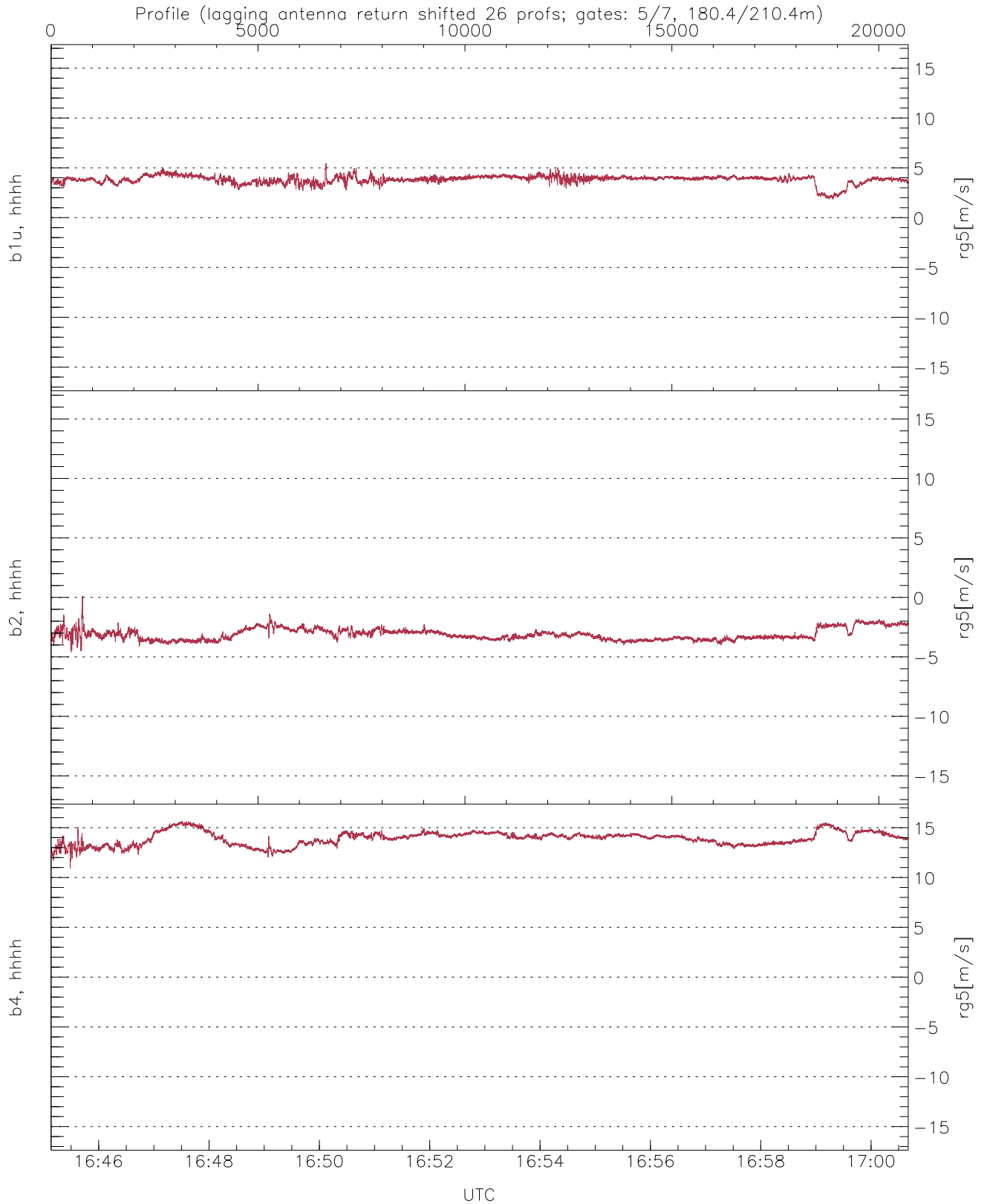
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-32.81	-11.40	-21.86
down(hh[dBm])	-38.10	-13.20	-20.91
down-fore(hh[dBm])	-41.66	-17.84	-25.35



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

	Min	Max	Mean
up/down (dB)	-13.41	15.34	0.08
down/down-fore (dB)	-4.17	16.62	5.78



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.83	5.45	3.82	0.42
b2, hhhh(rg5[m/s])	-4.60	0.12	-3.11	0.47
b4, hhhh(rg5[m/s])	10.91	15.67	13.92	0.67