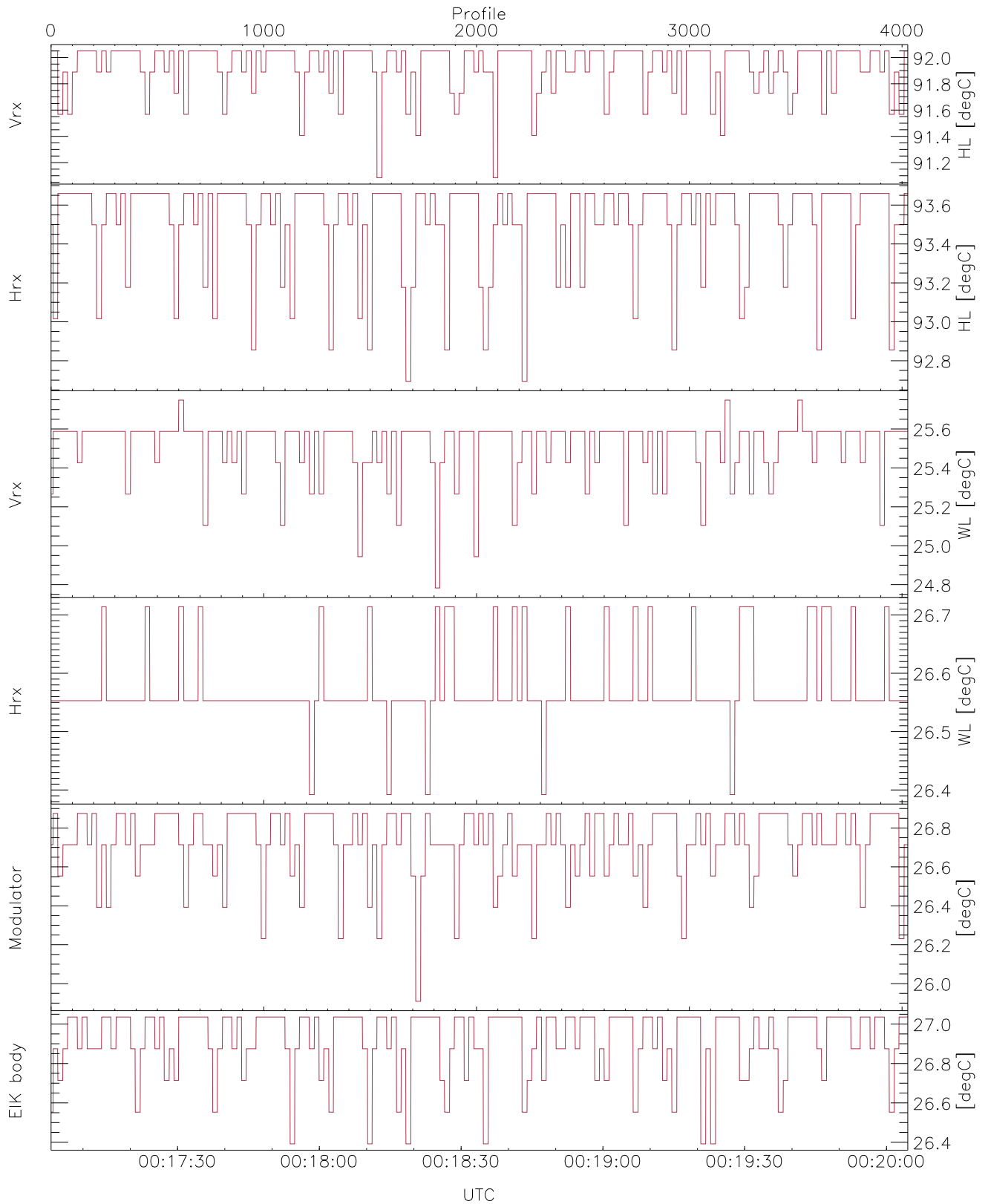


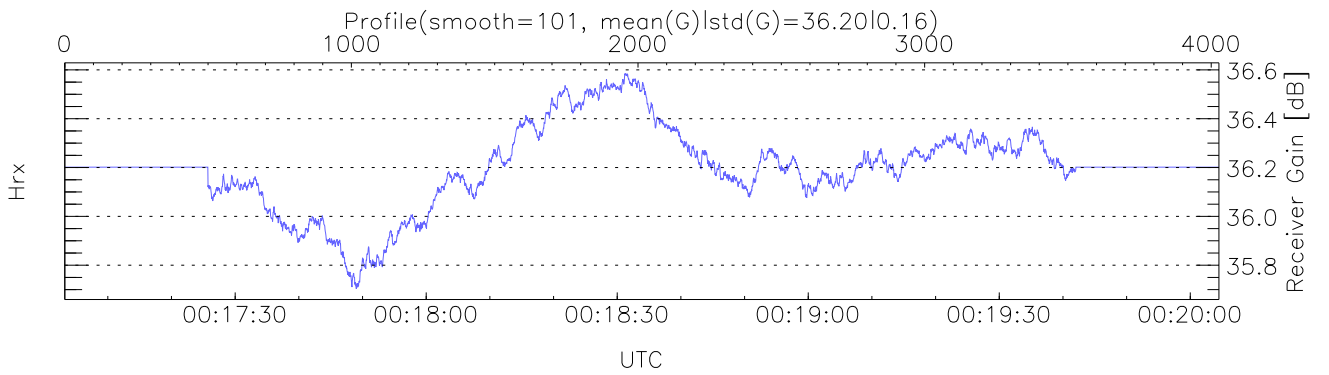
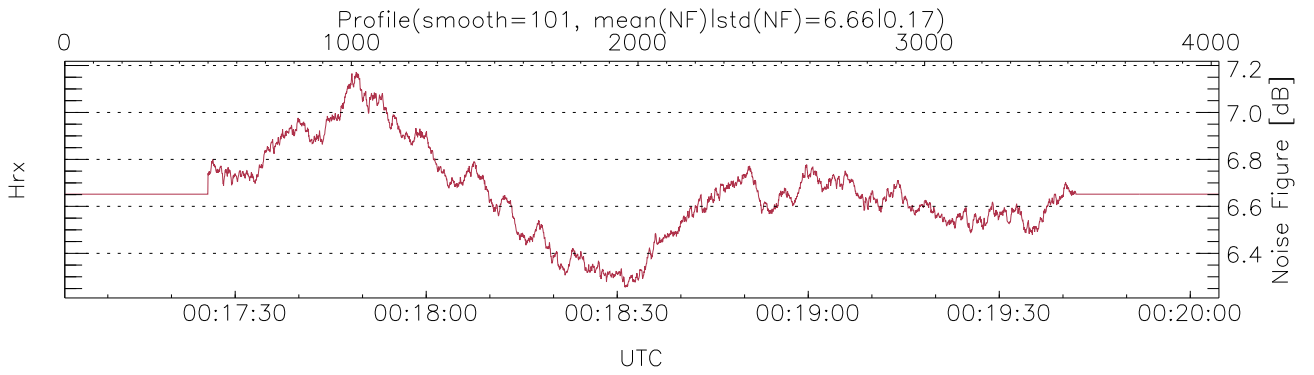
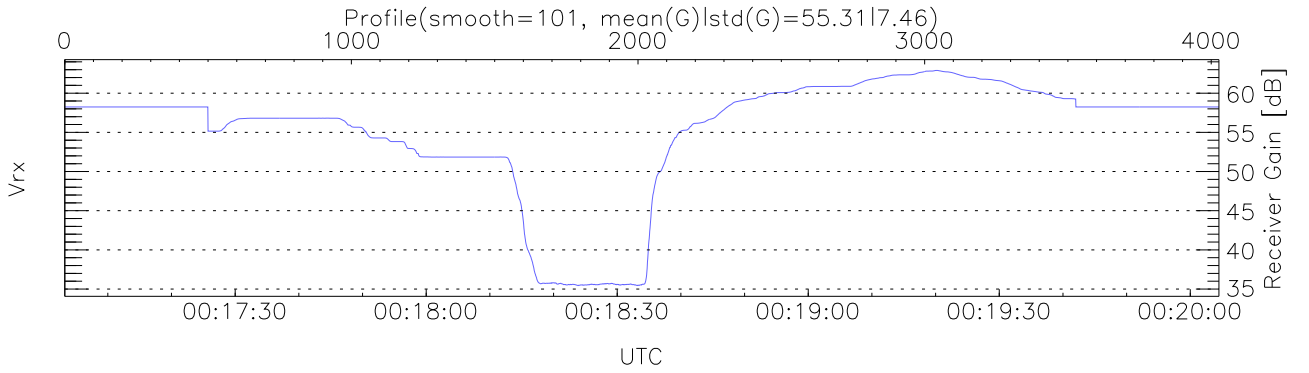
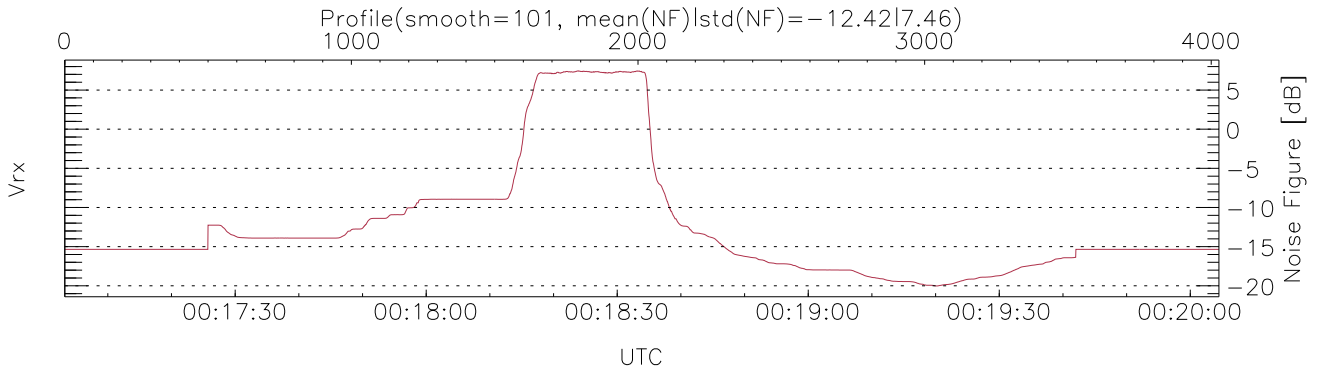
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:17:03-00:20:05, TimeCor: 0.00s, Dur: 181.26s  
 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): 4028/4028, 0-4027/00:17:03-00:20:05  
 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



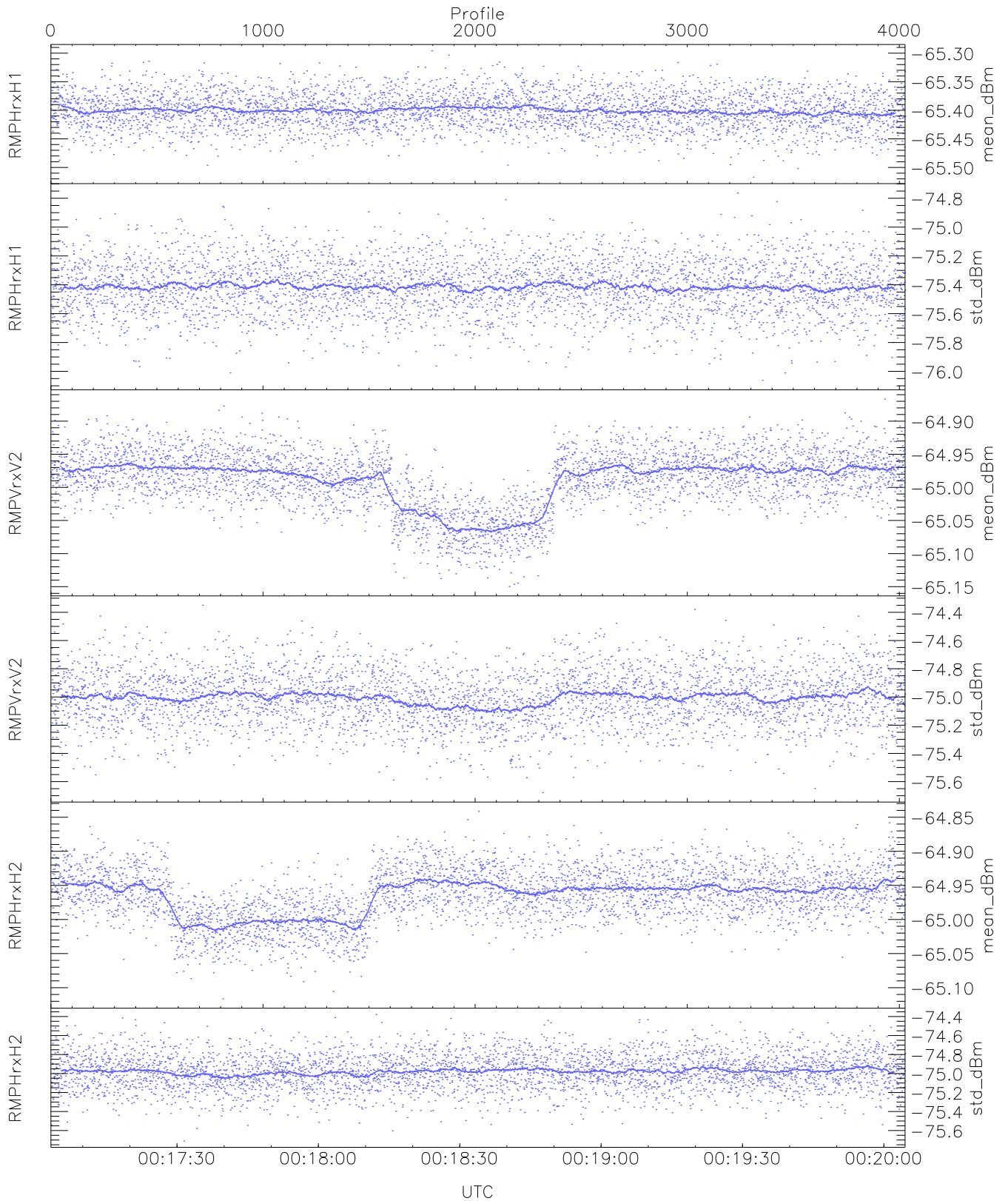
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxC,HL,VrxWL,HrxC,WL,Mod,EIK): 91,92,24,26,25,26  
maxtempC(VrxHL,HrxC,HL,VrxWL,HrxC,WL,Mod,EIK): 92,93,25,26,26,27  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



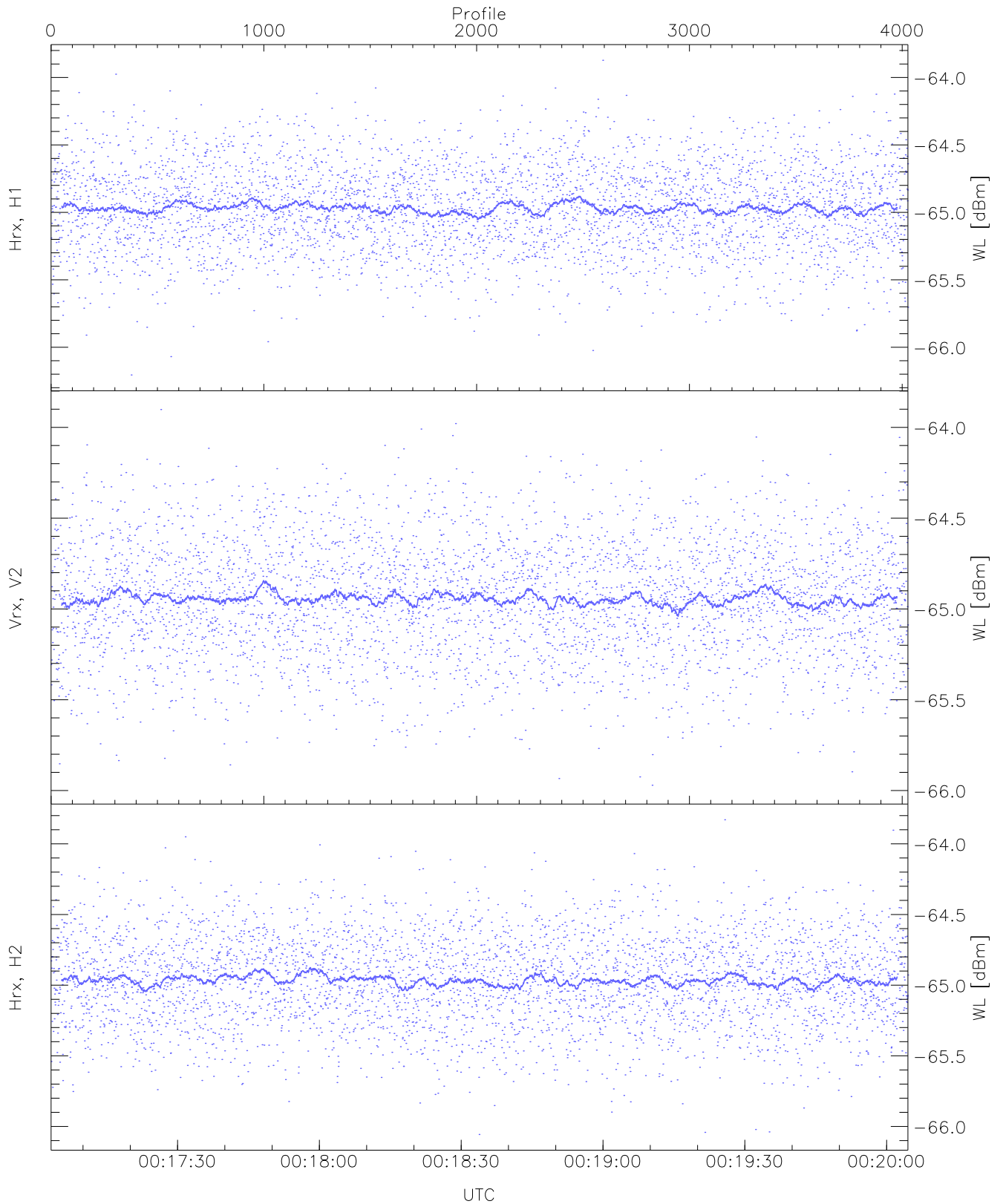
### WCR3 CPP Receivers Gain and Noise Figure

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



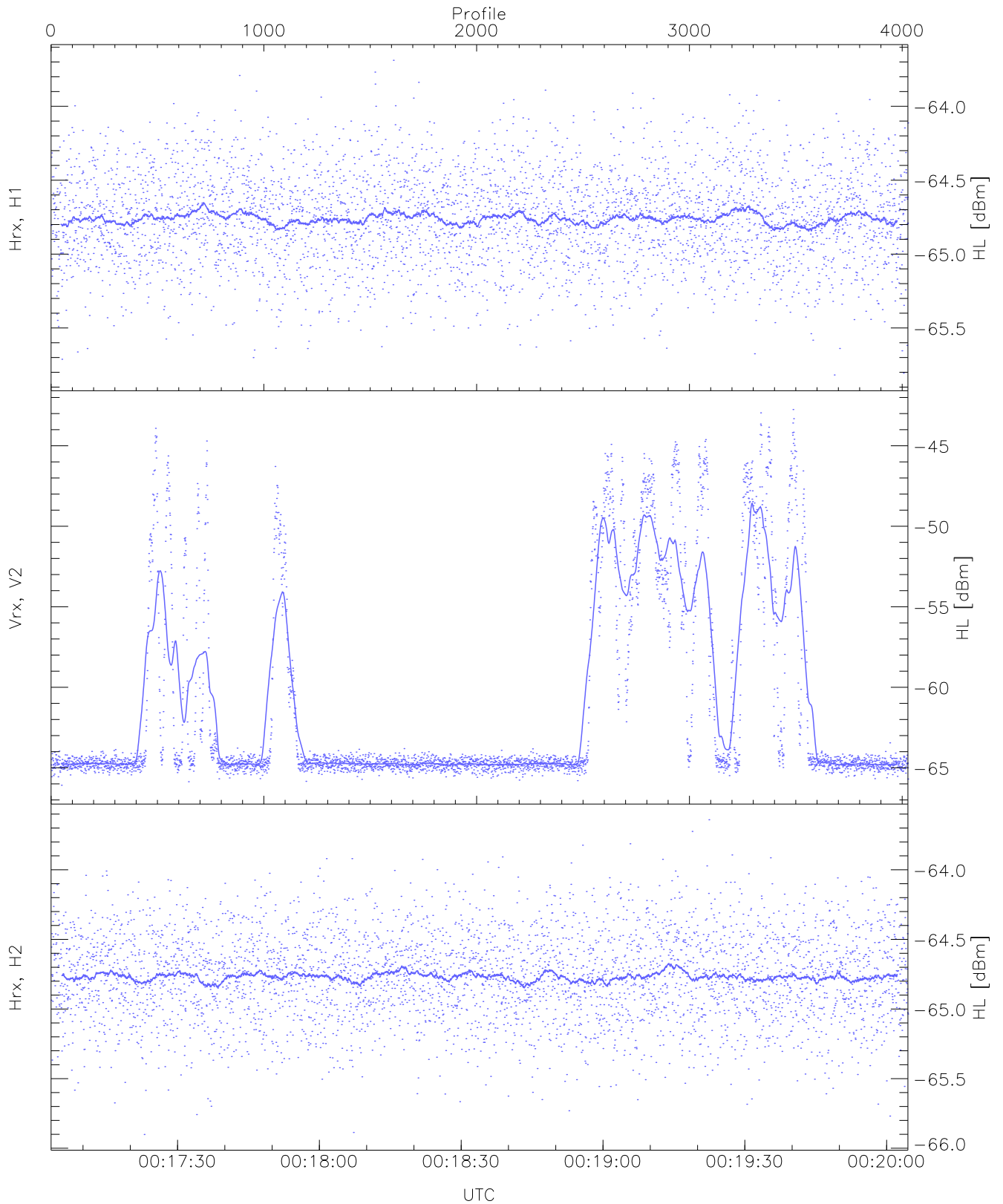
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.30	-65.40	-65.40	-87.00
RMPHrxH1(std_dBm)	-76.06	-74.76	-75.41	-75.41	-89.18
RMPVrxV2(mean_dBm)	-65.15	-64.87	-64.99	-64.98	-85.01
RMPVrxV2(std_dBm)	-75.68	-74.35	-75.00	-75.01	-88.69
RMPHrxH2(mean_dBm)	-65.12	-64.84	-64.97	-64.96	-85.59
RMPHrxH2(std_dBm)	-75.71	-74.38	-74.98	-74.98	-88.77



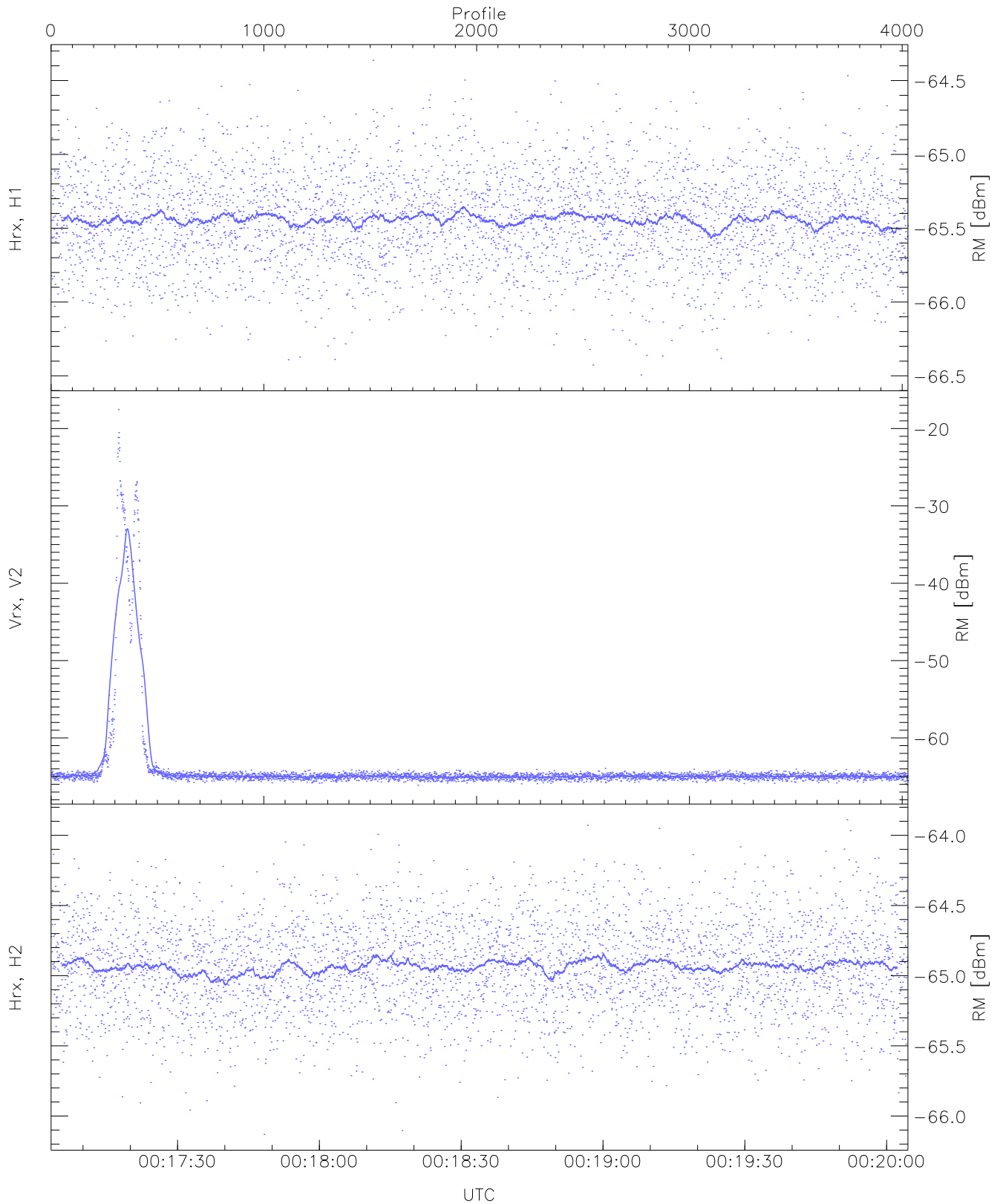
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.21	-63.87	-64.96	-64.97	-76.49
Vrx, V2 (WL [dBm])	-65.97	-63.90	-64.94	-64.94	-76.49
Hrx, H2 (WL [dBm])	-66.06	-63.83	-64.96	-64.96	-76.52



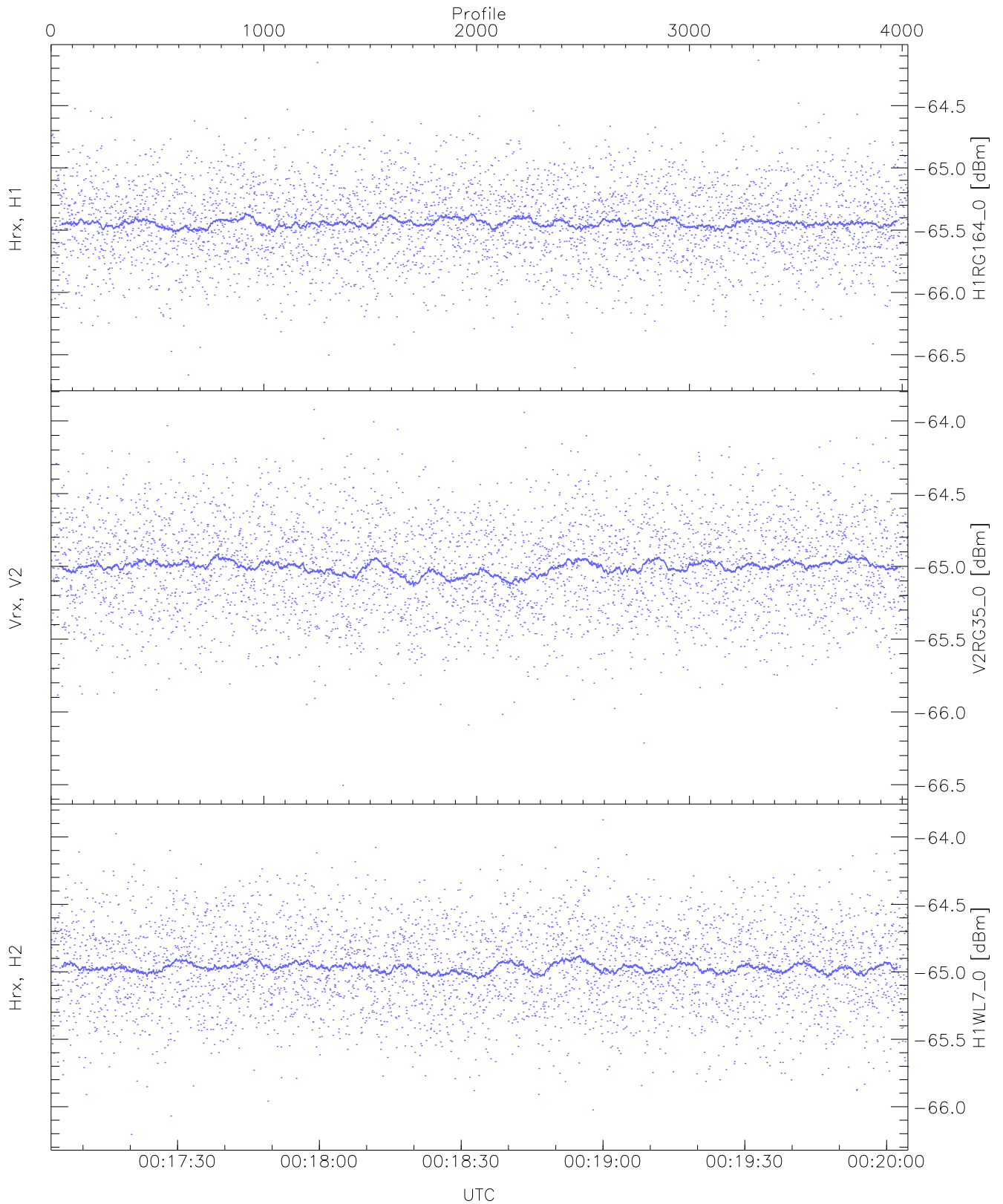
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.82	-63.69	-64.75	-64.76	-76.35
Vrx, V2 (HL [dBm])	-66.09	-42.75	-54.87	-64.55	-51.75
Hrx, H2 (HL [dBm])	-65.90	-63.64	-64.76	-64.76	-76.28



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

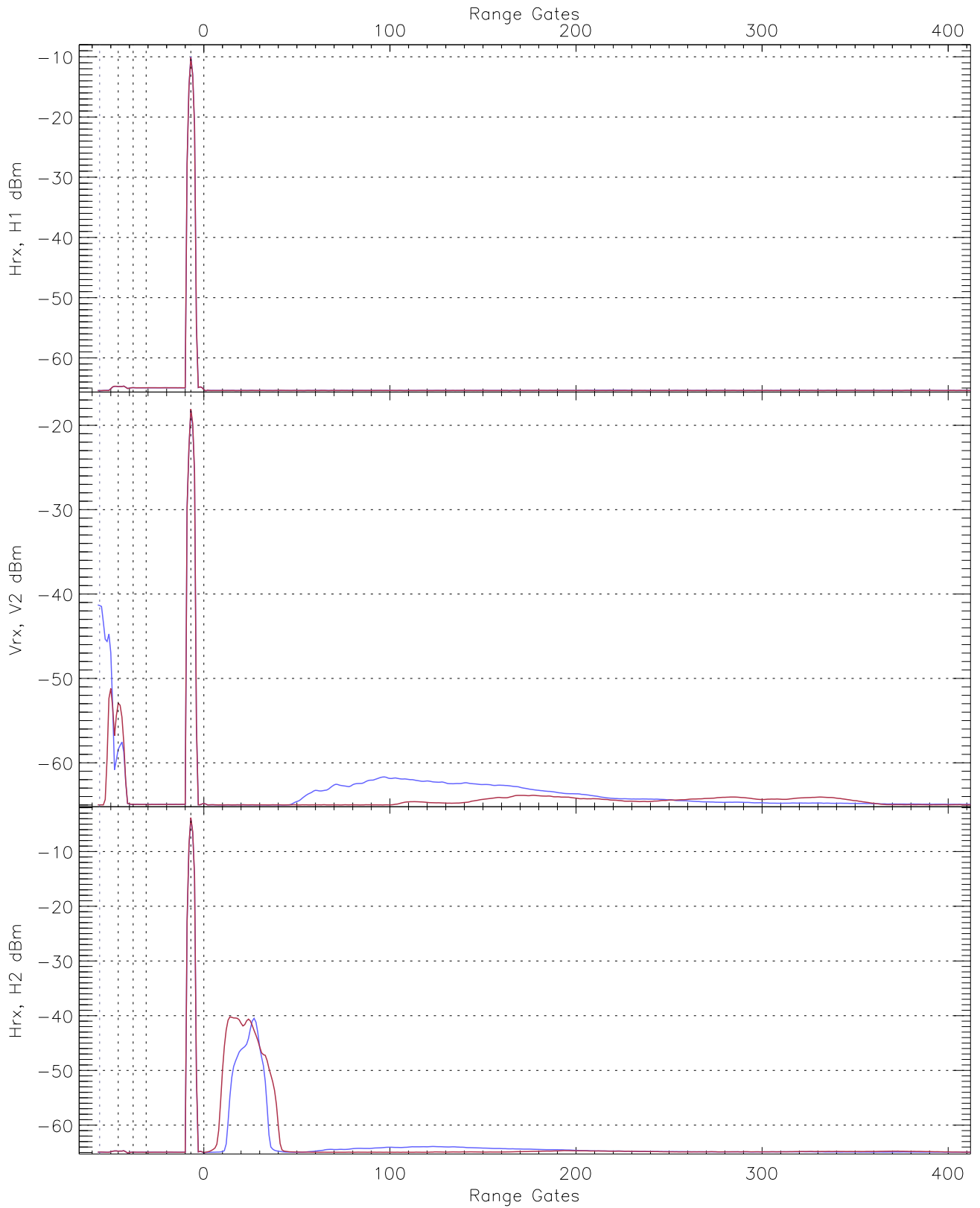
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.49	-64.36	-65.43	-65.44	-76.95
Vrx, V2 (RM [dBm])	-66.12	-17.54	-44.35	-64.95	-33.59
Hrx, H2 (RM [dBm])	-66.13	-63.89	-64.93	-64.93	-76.45



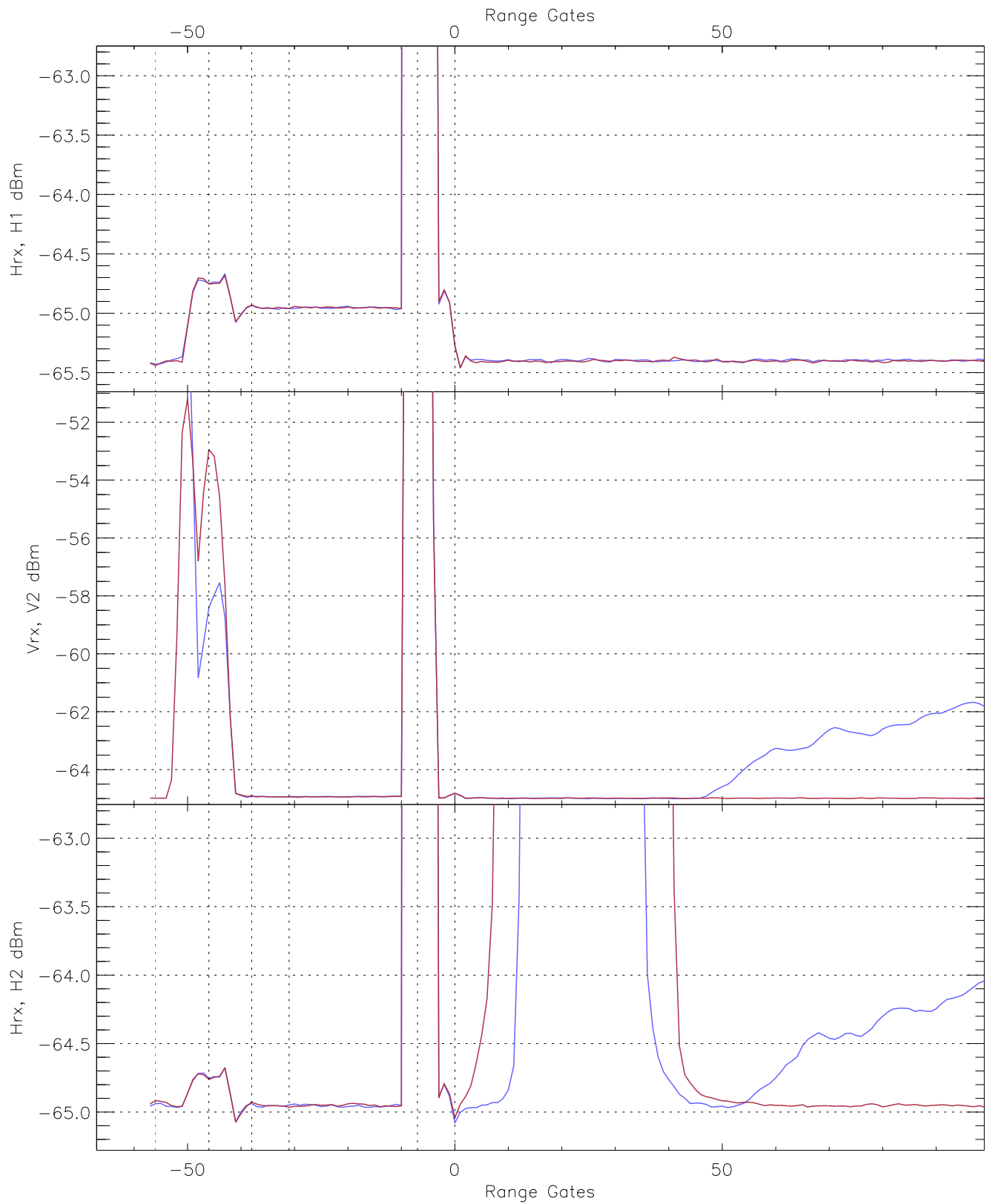
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG164_0 [dBm]	-66.66	-64.14	-65.43	-65.44	-76.99
V2RG35_0 [dBm]	-66.50	-63.92	-65.00	-65.00	-76.43
H1WL7_0 [dBm]	-66.21	-63.87	-64.96	-64.97	-76.49

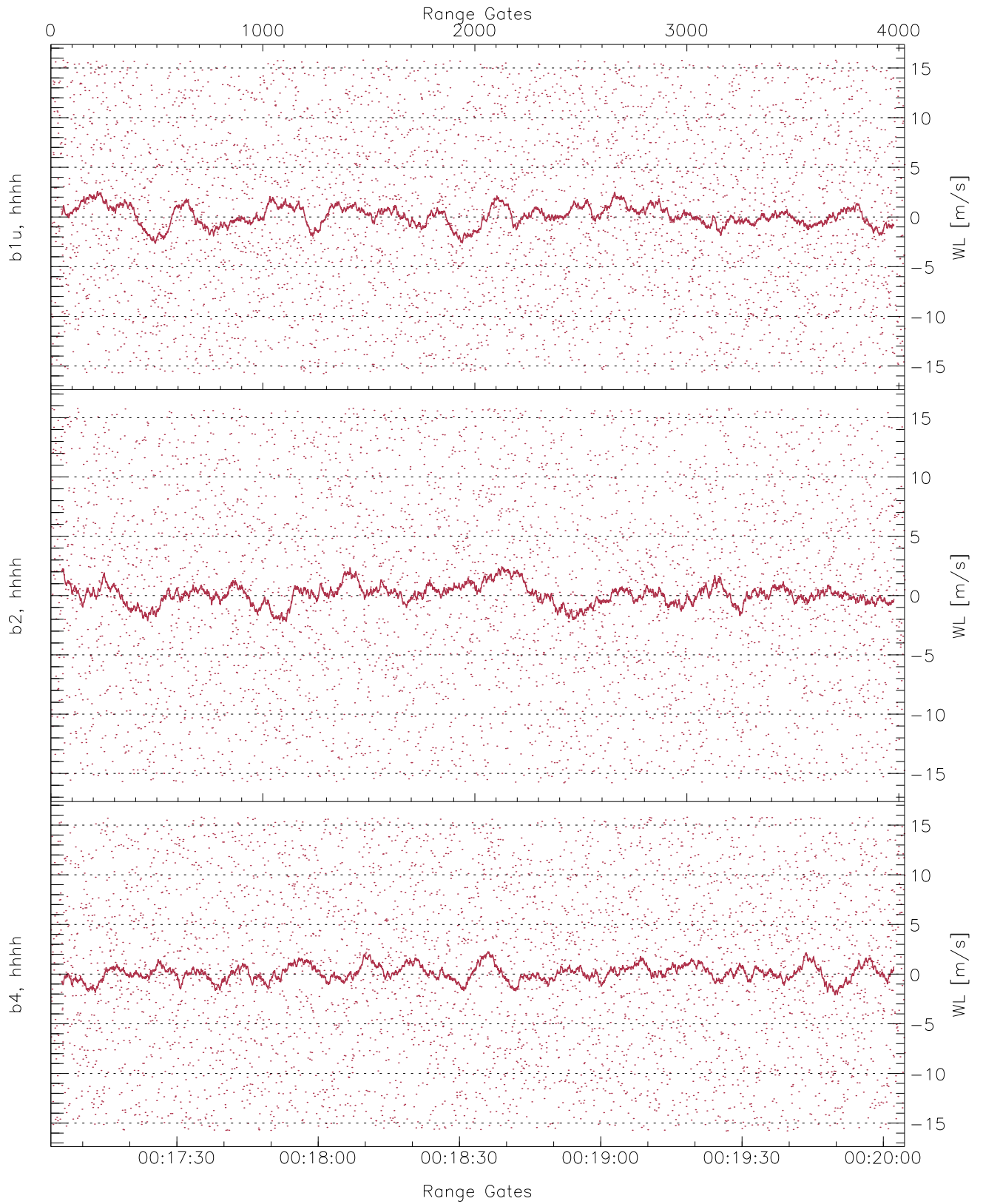




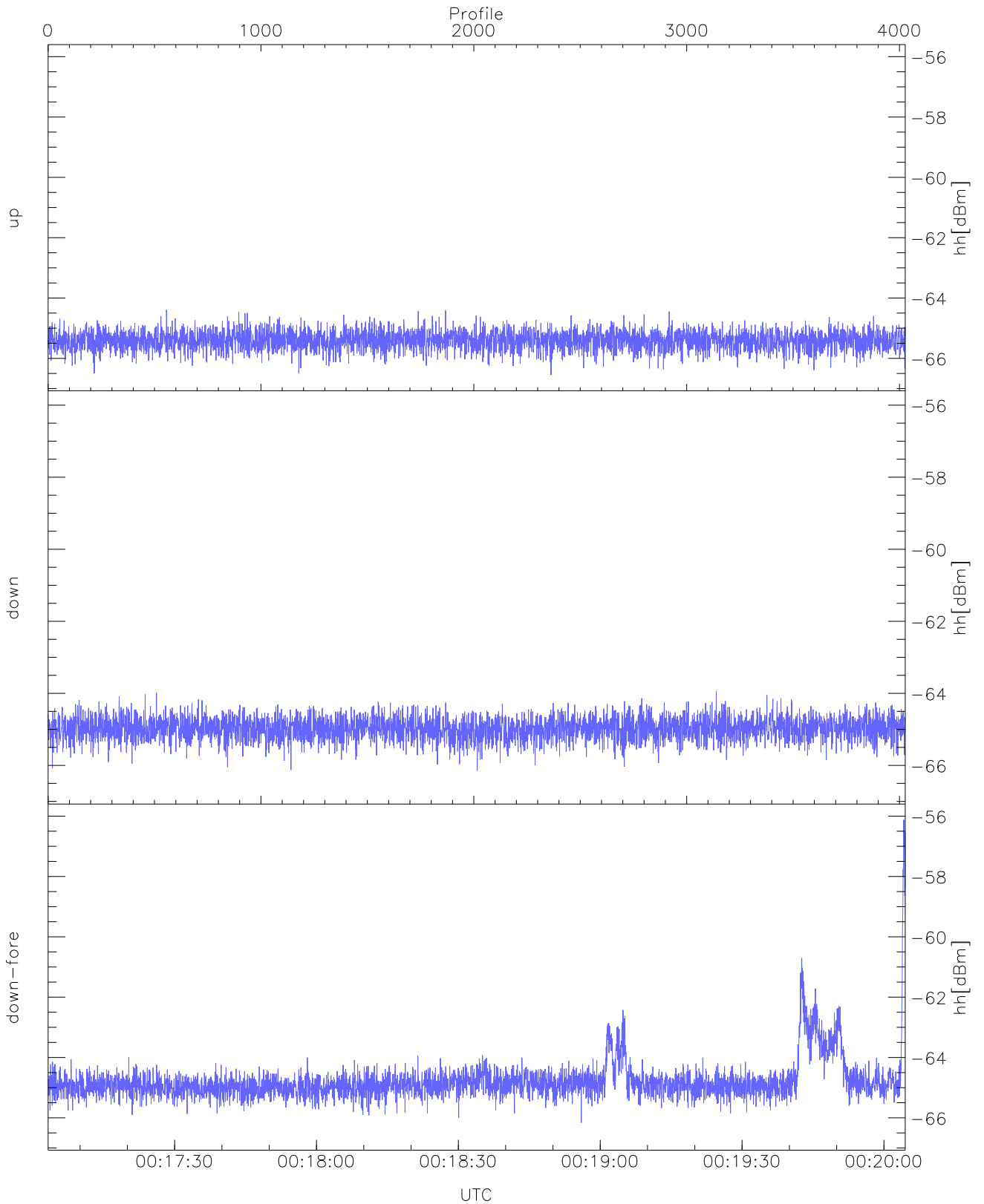
WCR3 CPP Averaged Received power for all recorded gates  
blue: 001703-001834, 2015 profiles averaged  
red: 001834-002005, 2014 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 001703-001834, 2015 profiles averaged  
red: 001834-002005, 2014 profiles averaged

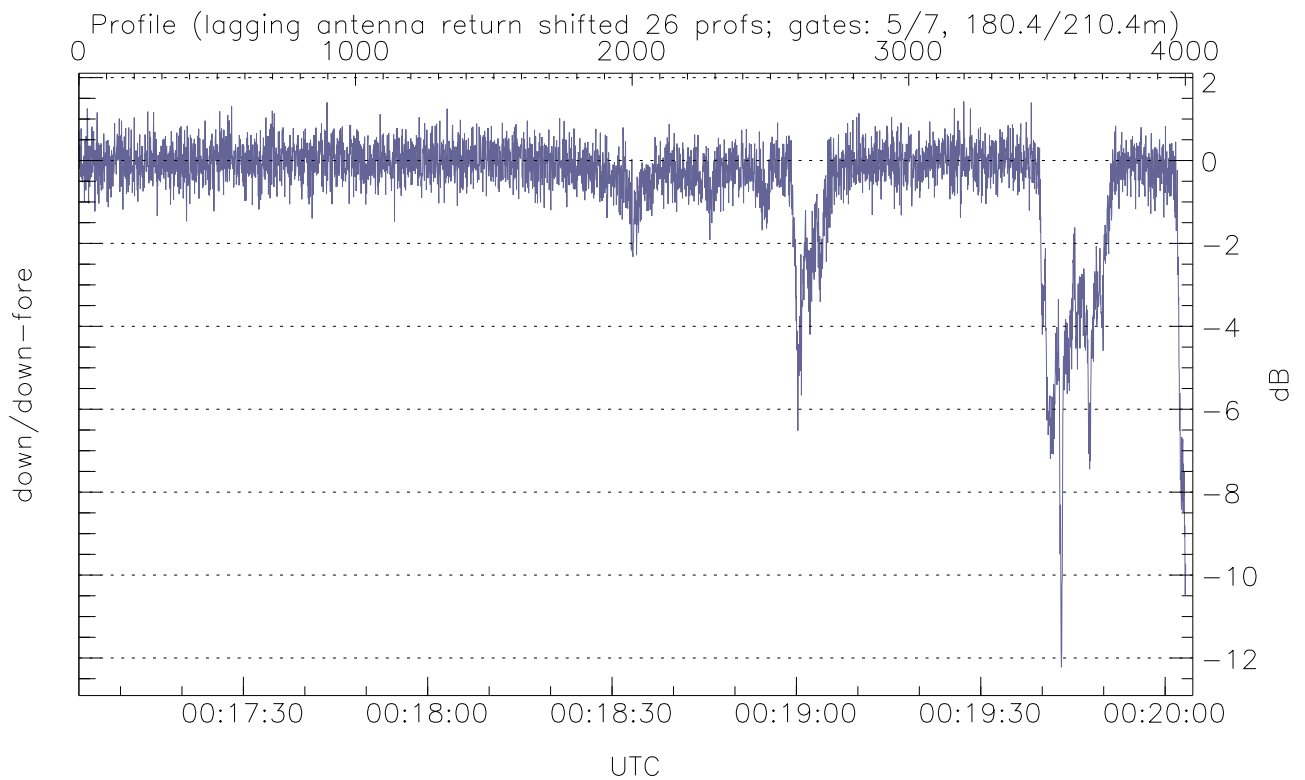
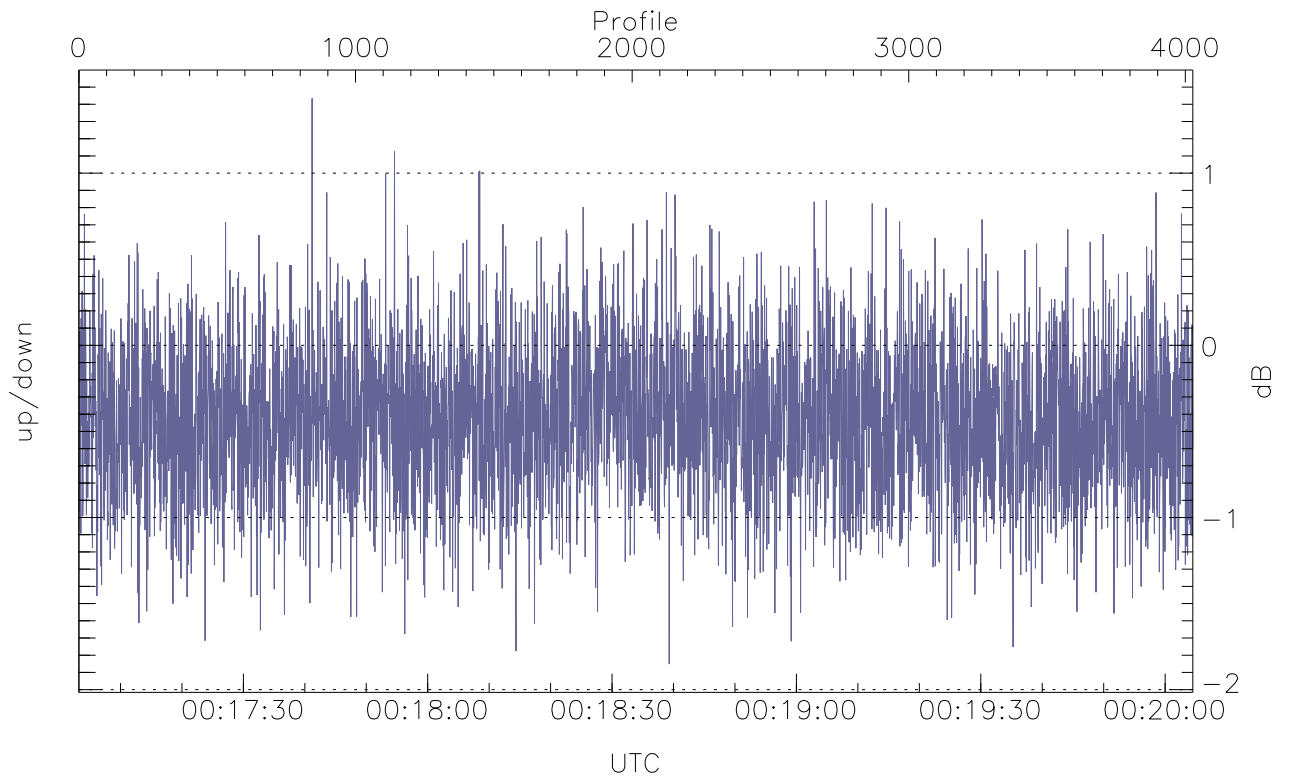


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



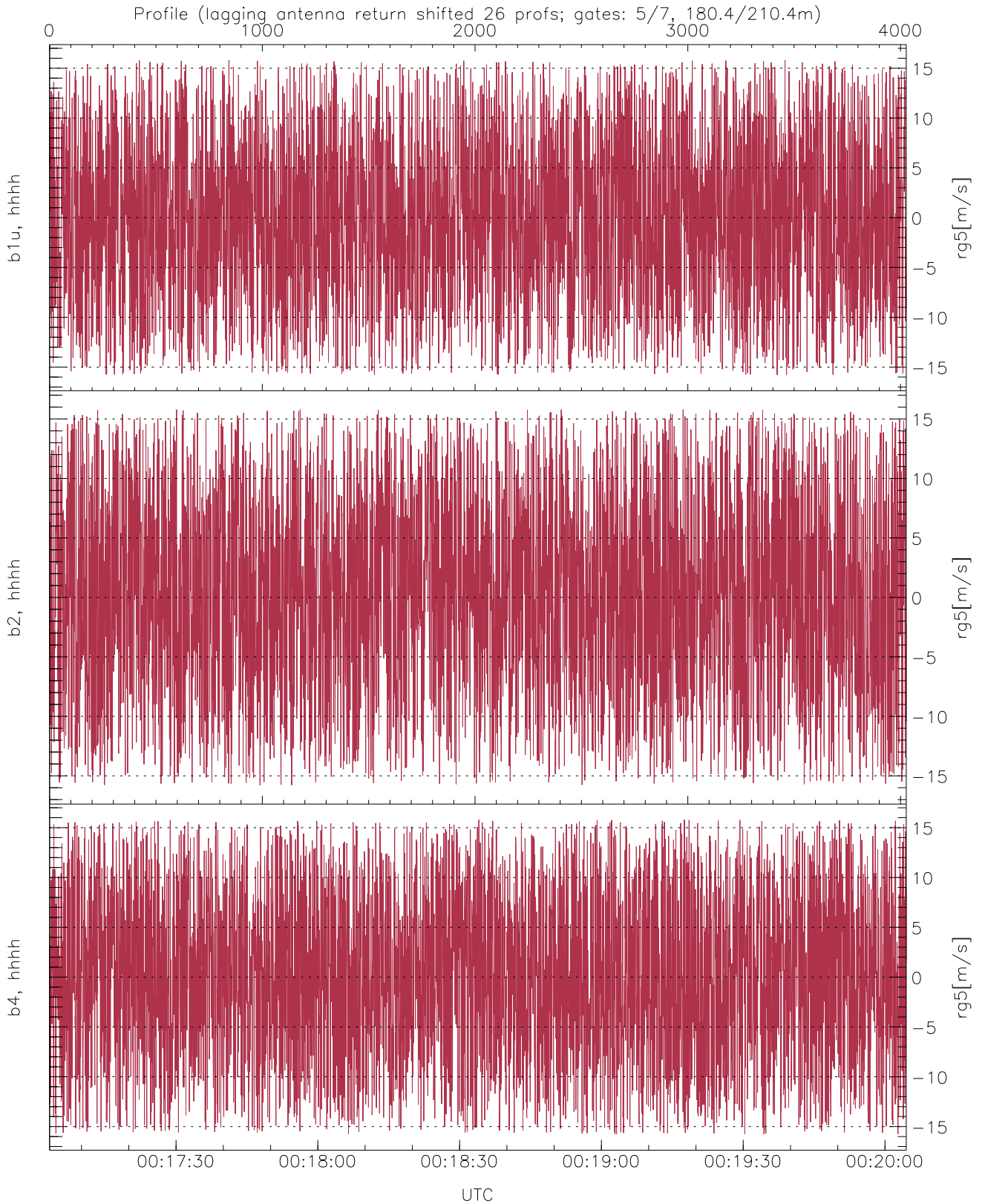
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.55	-64.39	-65.40
down(hh[dBm])	-66.14	-63.94	-64.97
down-fore(hh[dBm])	-66.17	-56.12	-64.69



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

	Min	Max	Mean
up/down (dB)	-1.85	1.43	-0.43
down/down-fore (dB)	-12.22	1.42	-0.50



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.10	8.39
b2, hhhh(rg5[m/s])	-15.78	15.79	0.24	8.46
b4, hhhh(rg5[m/s])	-15.76	15.79	0.09	8.54