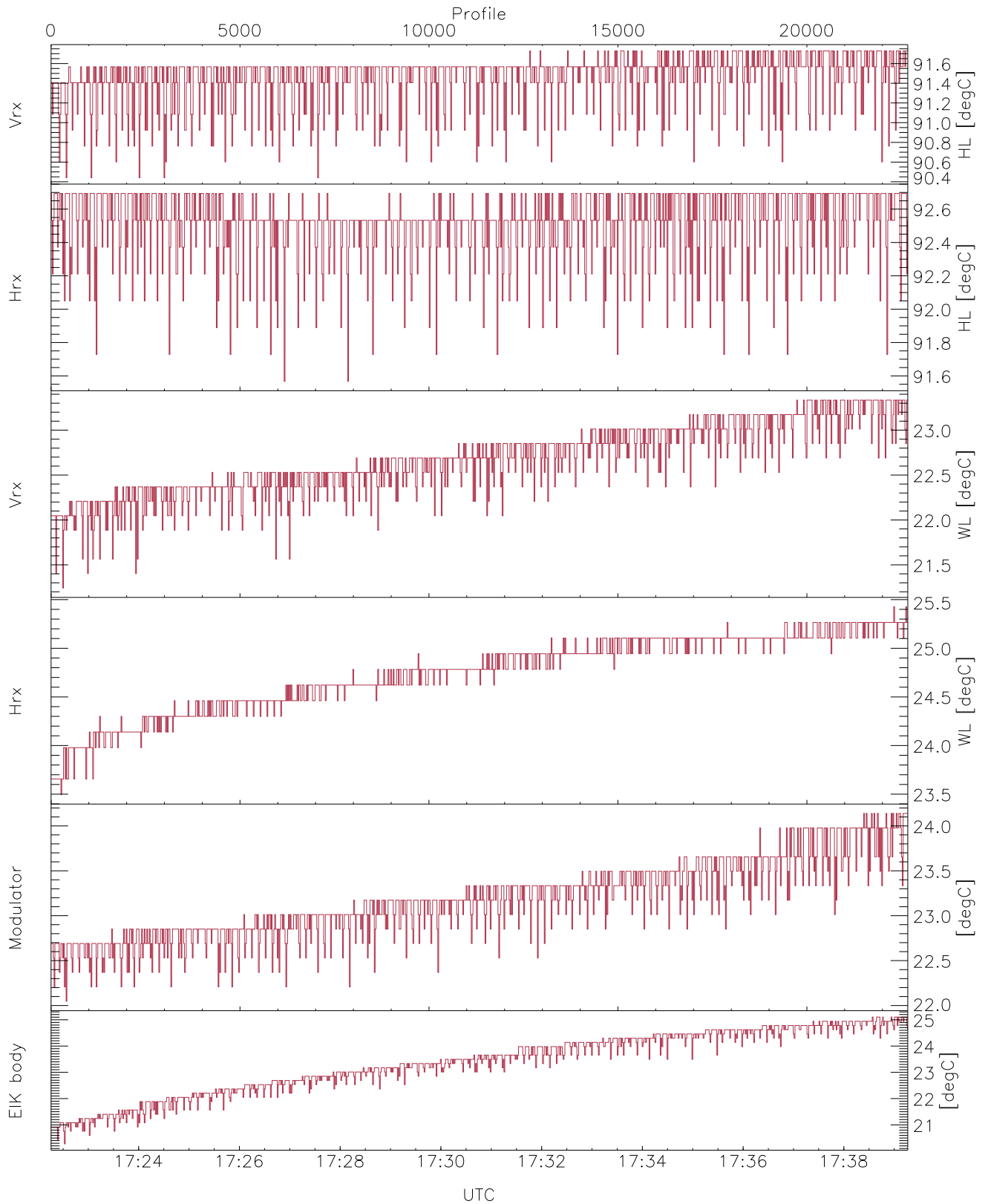


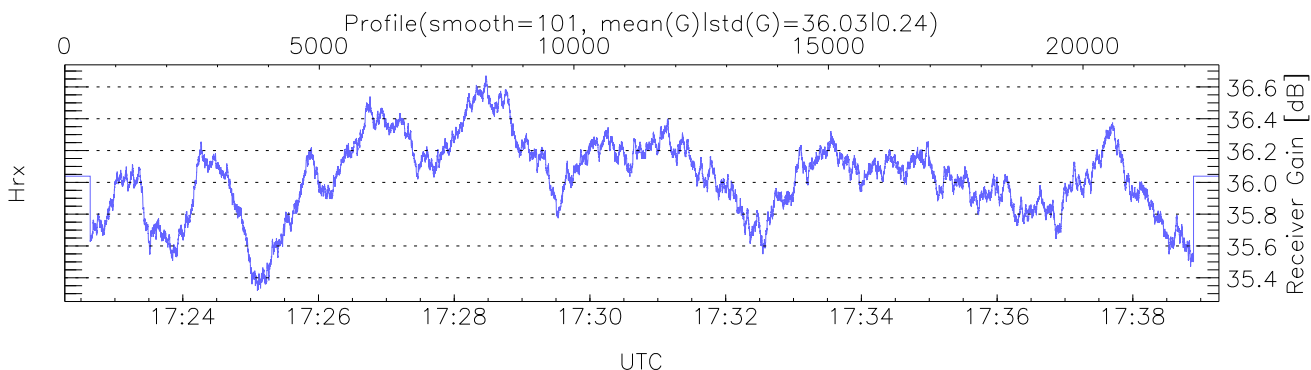
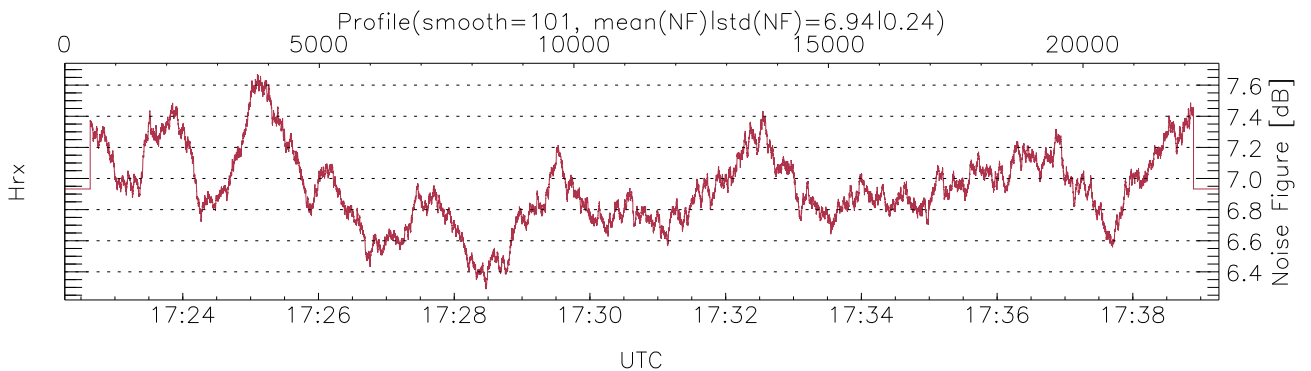
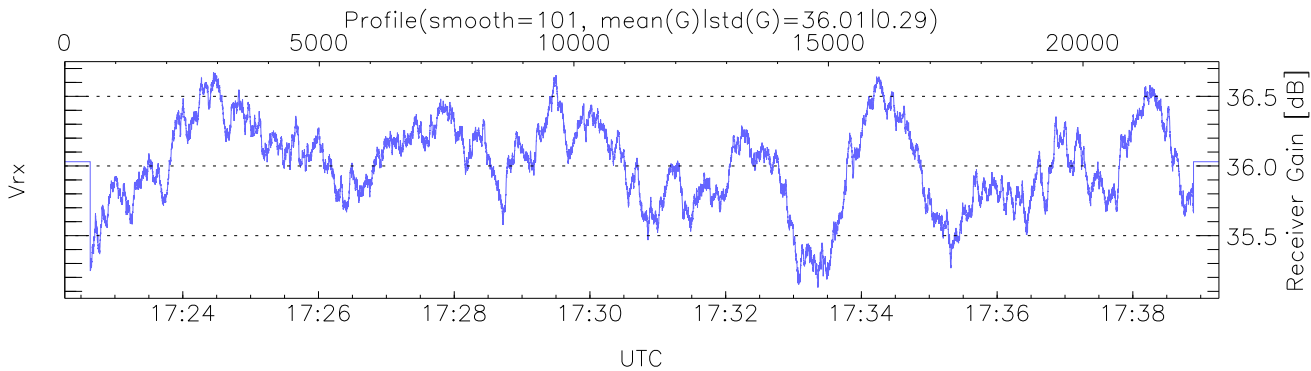
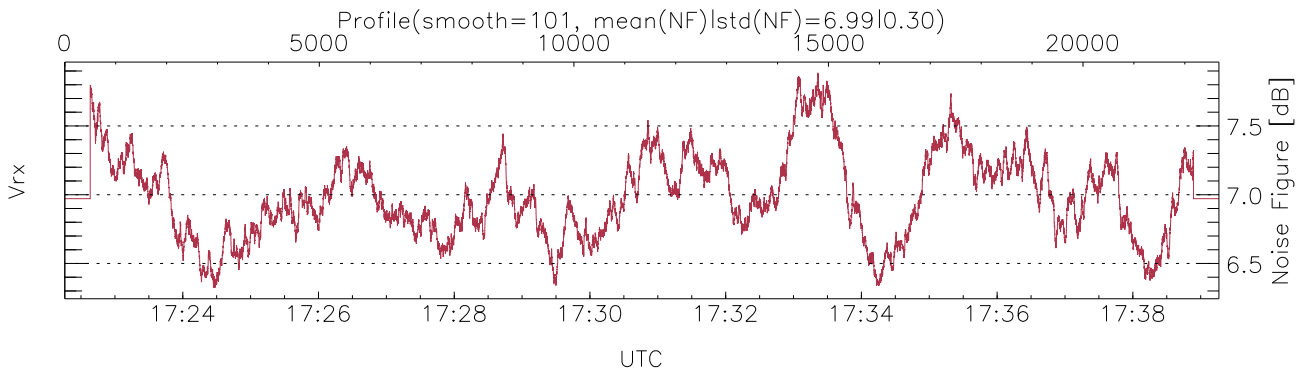
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:22:16-17:39:16, 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, 0-22671/17:22:16-17:39:16  
 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 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



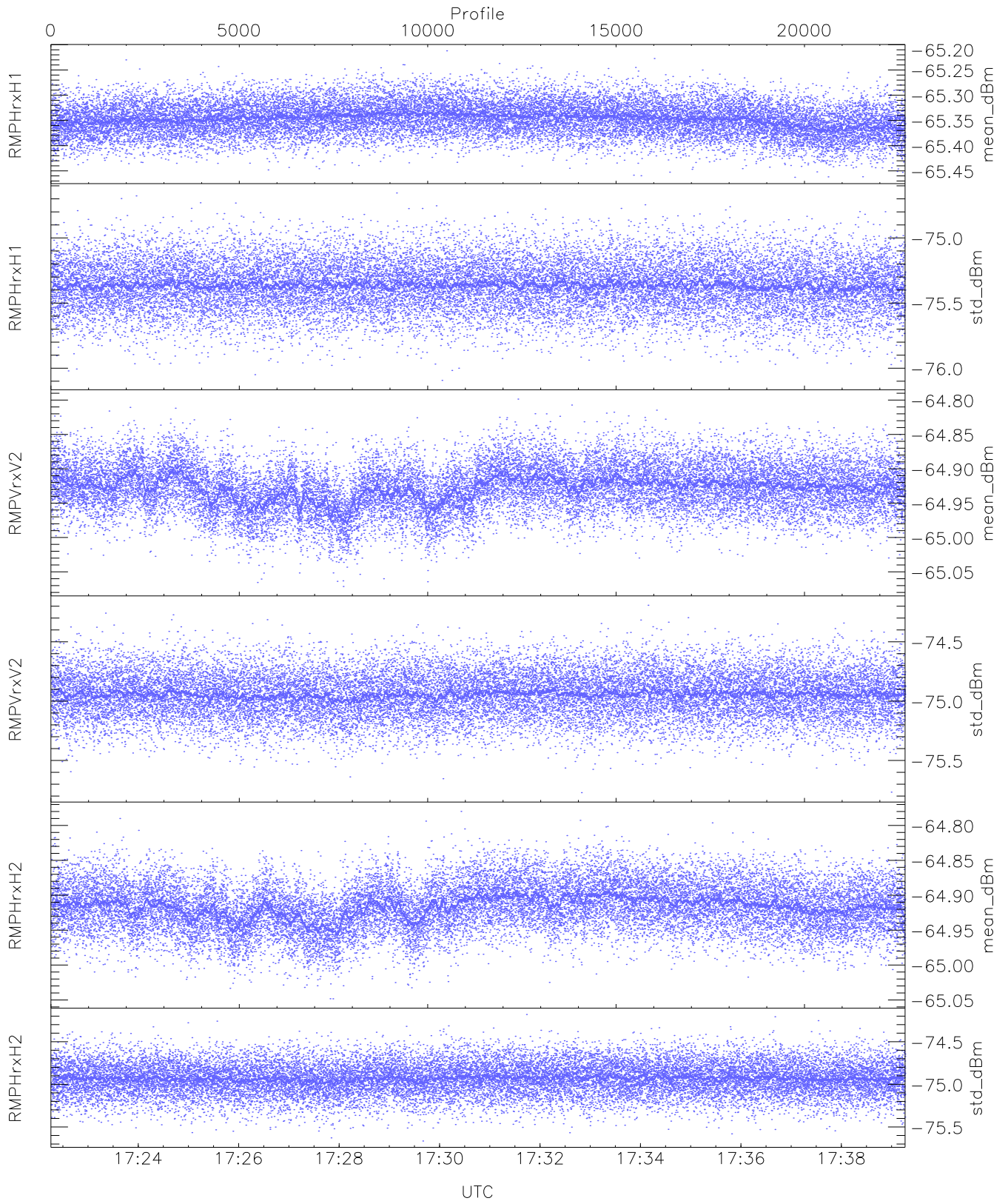
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,22,20  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,24,25  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



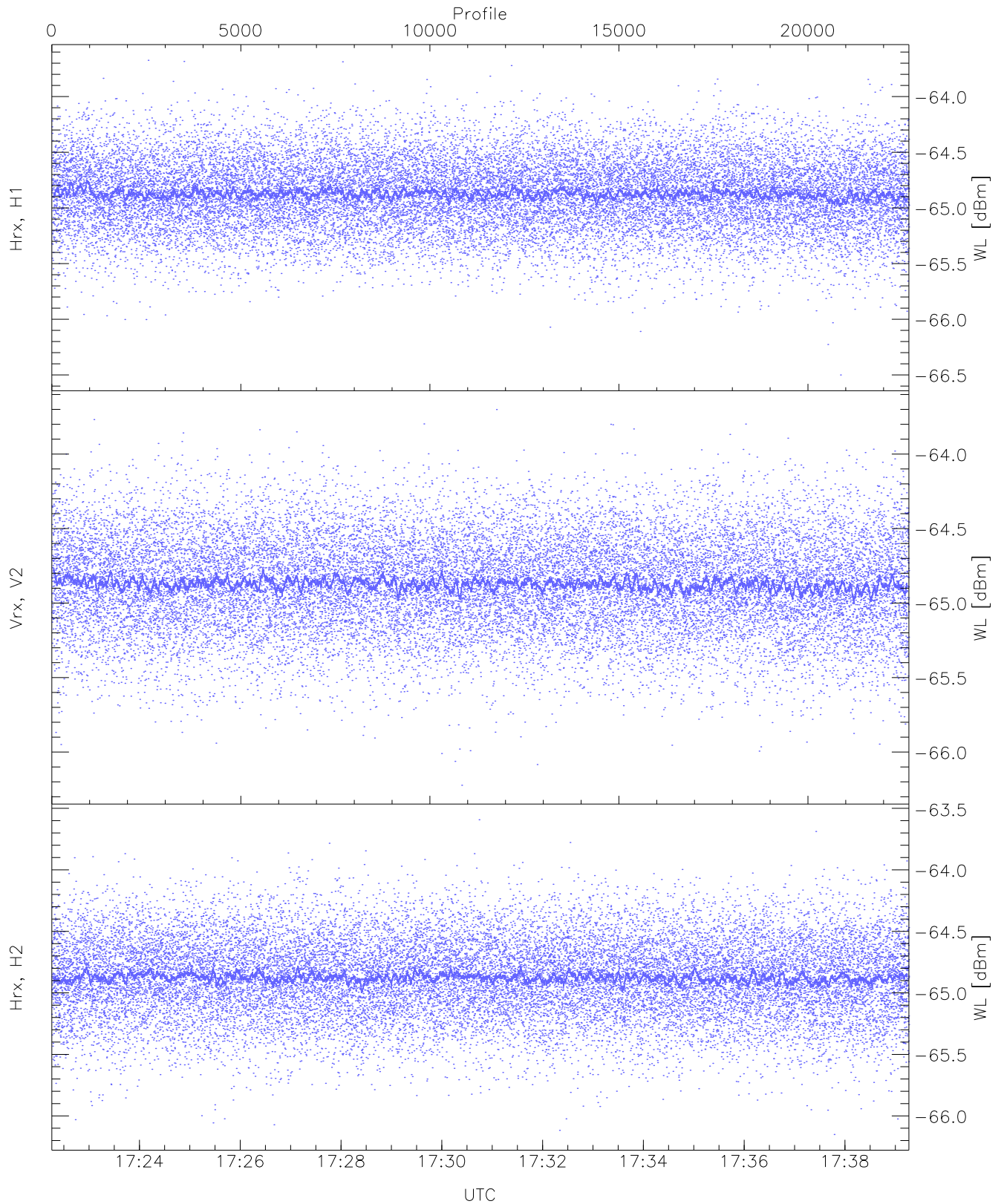
WCR3 CPP Receivers Gain and Noise Figure

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



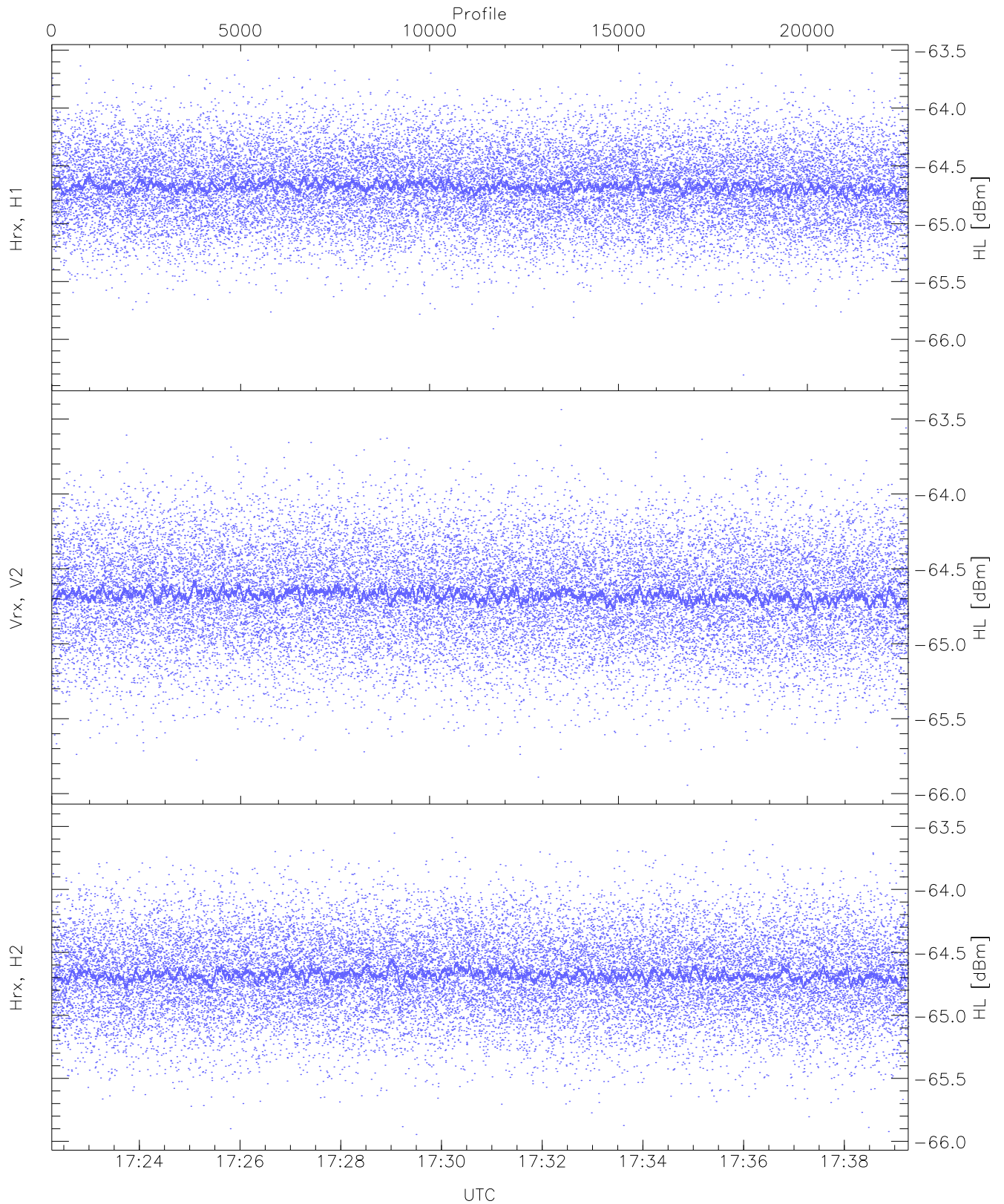
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.21	-65.35	-65.35	-86.79
RMPHrxH1(std_dBm)	-76.09	-74.65	-75.36	-75.36	-89.14
RMPVrxV2(mean_dBm)	-65.07	-64.80	-64.93	-64.93	-86.07
RMPVrxV2(std_dBm)	-75.77	-74.19	-74.94	-74.94	-88.72
RMPHrxH2(mean_dBm)	-65.05	-64.78	-64.92	-64.92	-86.15
RMPHrxH2(std_dBm)	-75.66	-74.18	-74.93	-74.93	-88.71



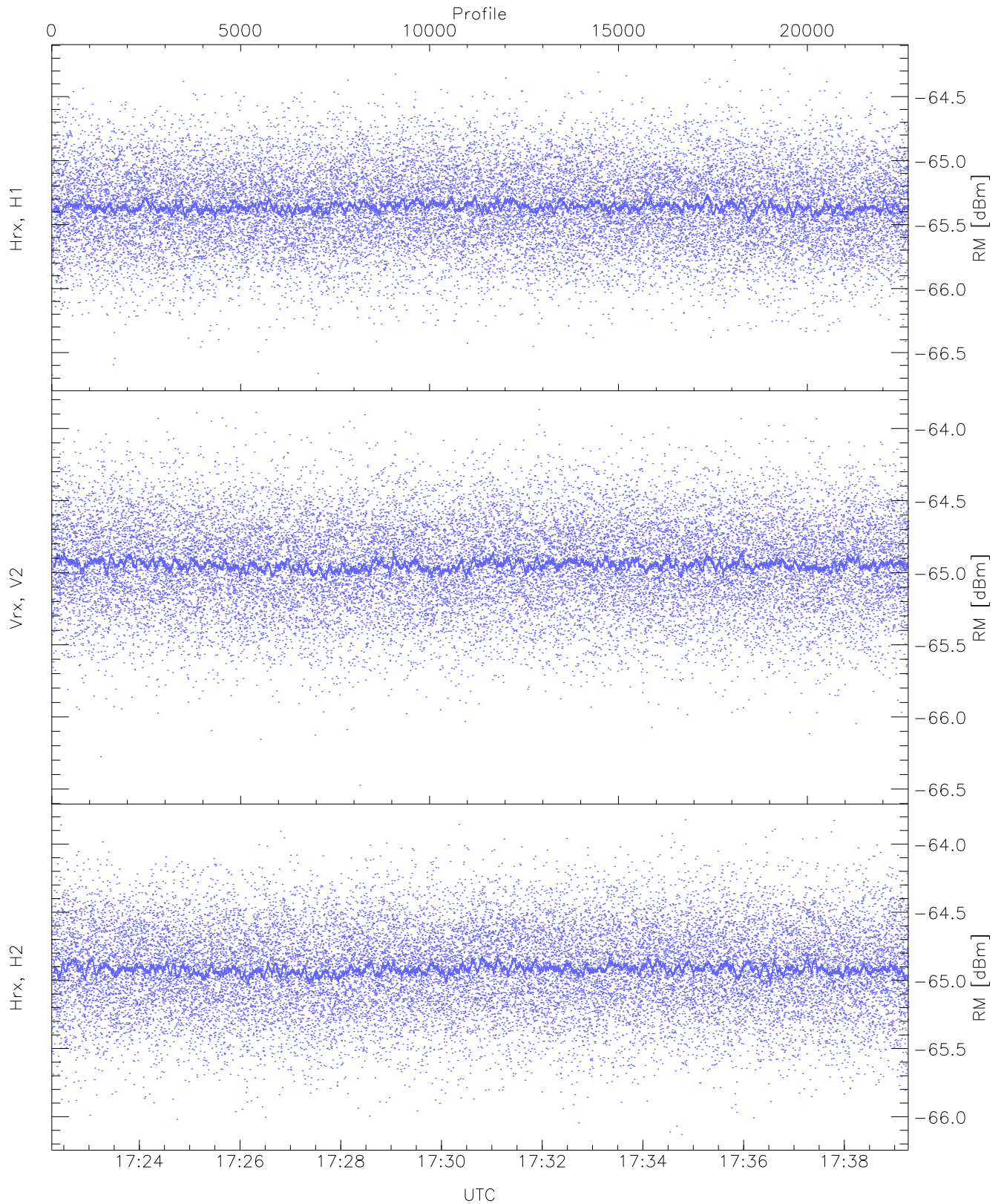
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.50	-63.67	-64.87	-64.87	-76.38
Vrx, V2 (WL [dBm])	-66.22	-63.70	-64.87	-64.87	-76.43
Hrx, H2 (WL [dBm])	-66.15	-63.59	-64.87	-64.88	-76.38



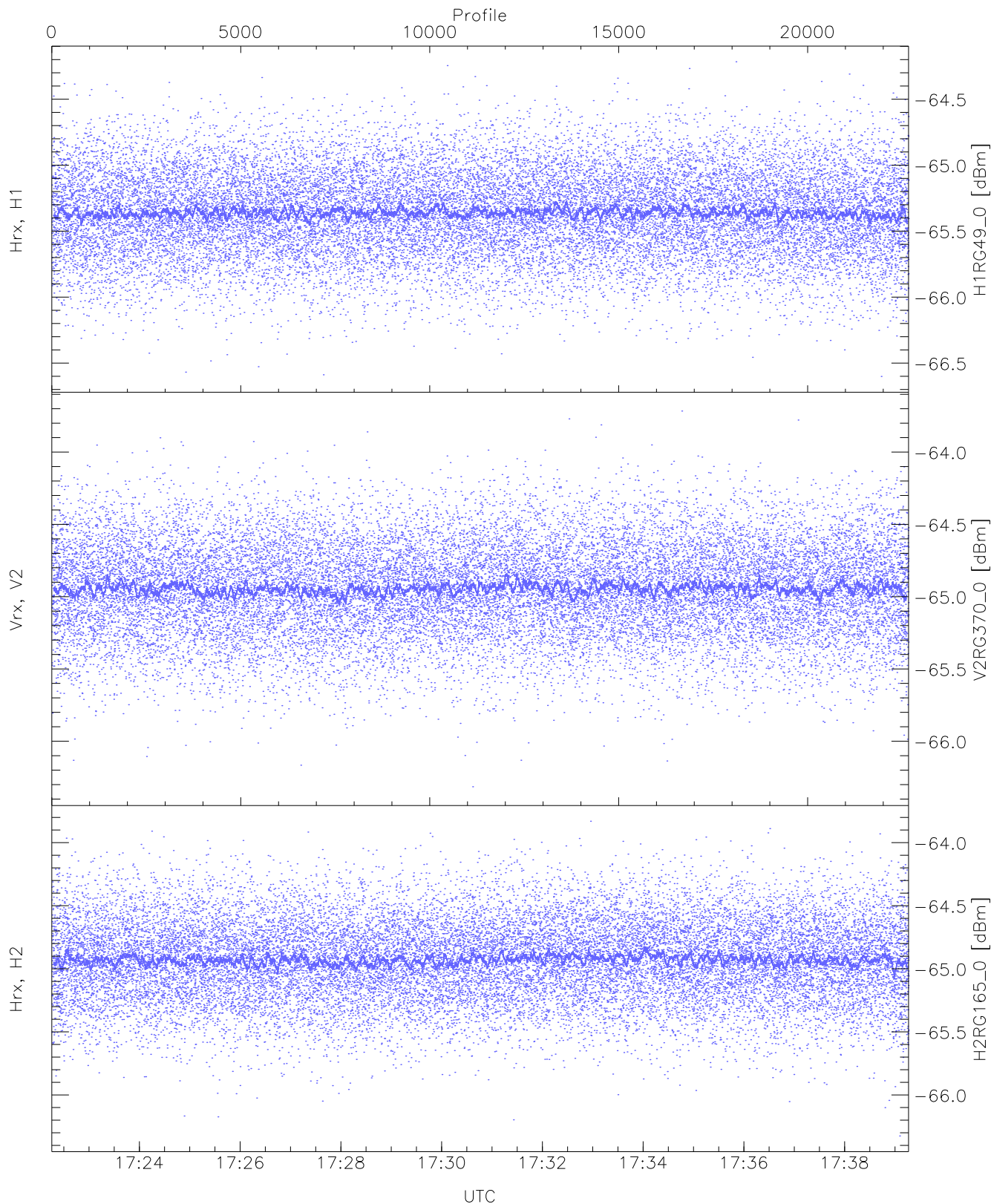
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.31	-63.59	-64.67	-64.68	-76.19
Vrx, V2 (HL [dBm])	-65.94	-63.44	-64.67	-64.67	-76.18
Hrx, H2 (HL [dBm])	-65.95	-63.45	-64.67	-64.68	-76.14



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

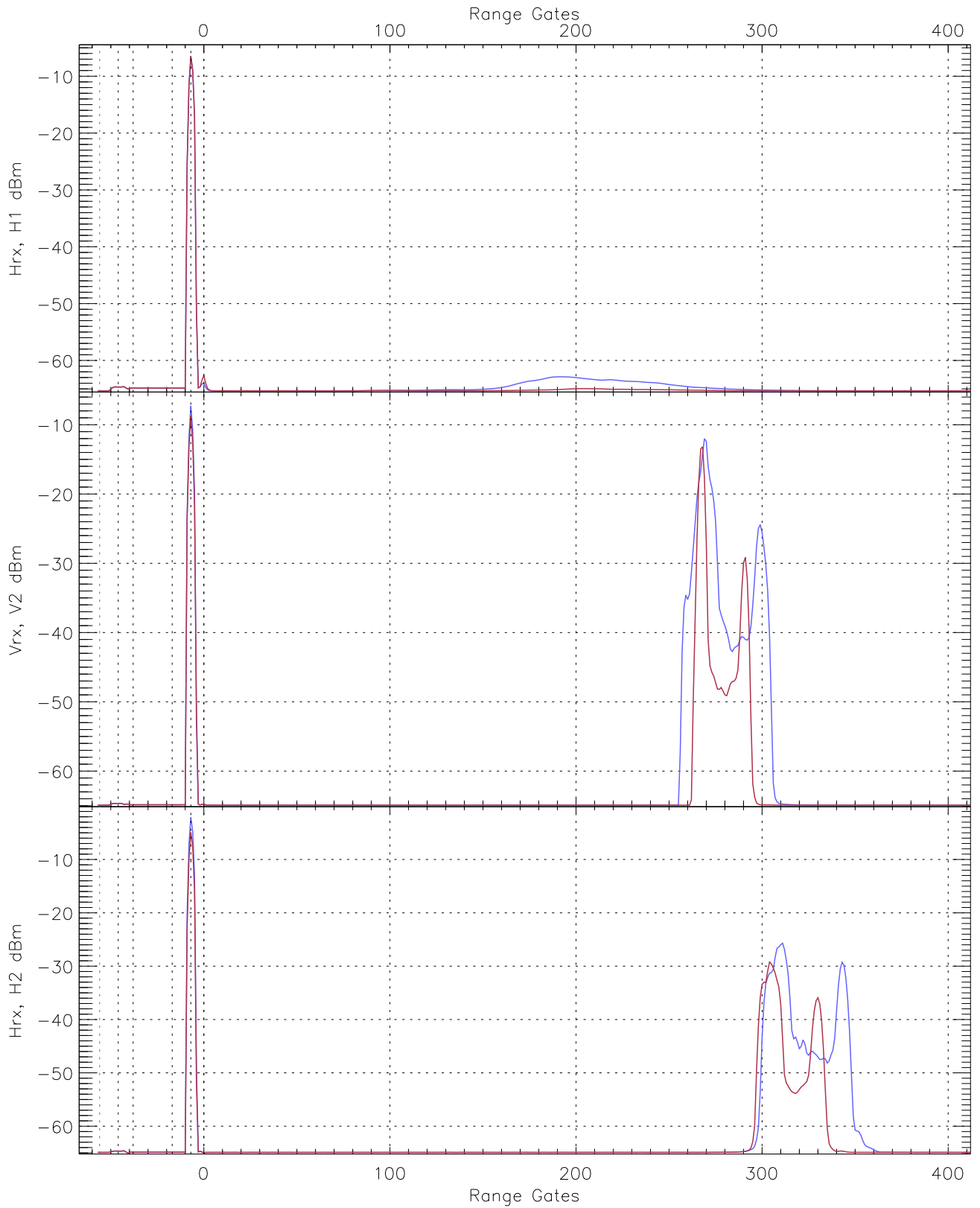
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.68	-64.22	-65.35	-65.36	-76.84
Vrx, V2 (RM [dBm])	-66.47	-63.87	-64.94	-64.94	-76.47
Hrx, H2 (RM [dBm])	-66.13	-63.82	-64.91	-64.91	-76.41



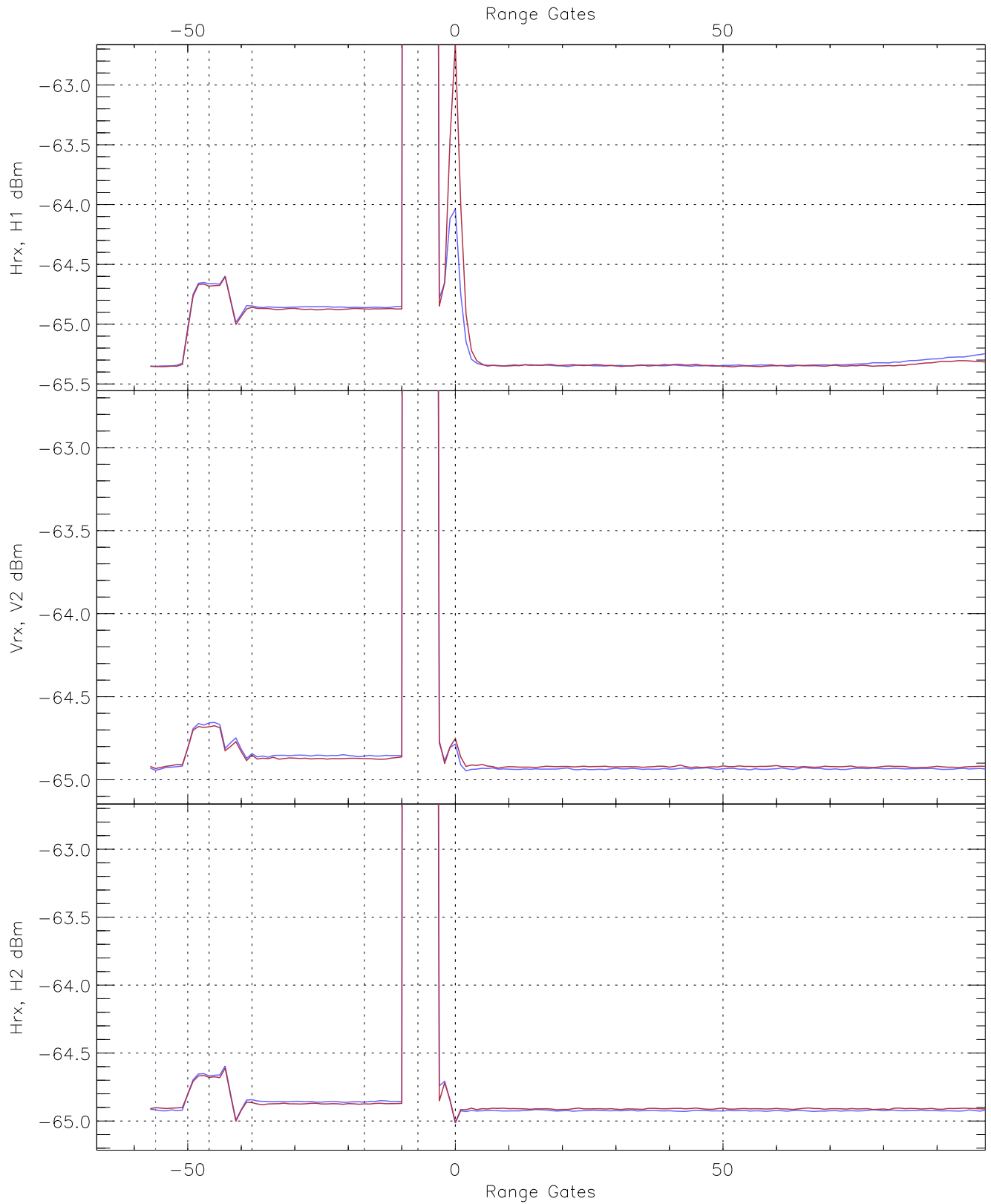
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG49_0 [dBm]	-66.60	-64.22	-65.35	-65.36	-76.83
V2RG370_0 [dBm]	-66.31	-63.72	-64.94	-64.94	-76.46
H2RG165_0 [dBm]	-66.33	-63.83	-64.92	-64.93	-76.45

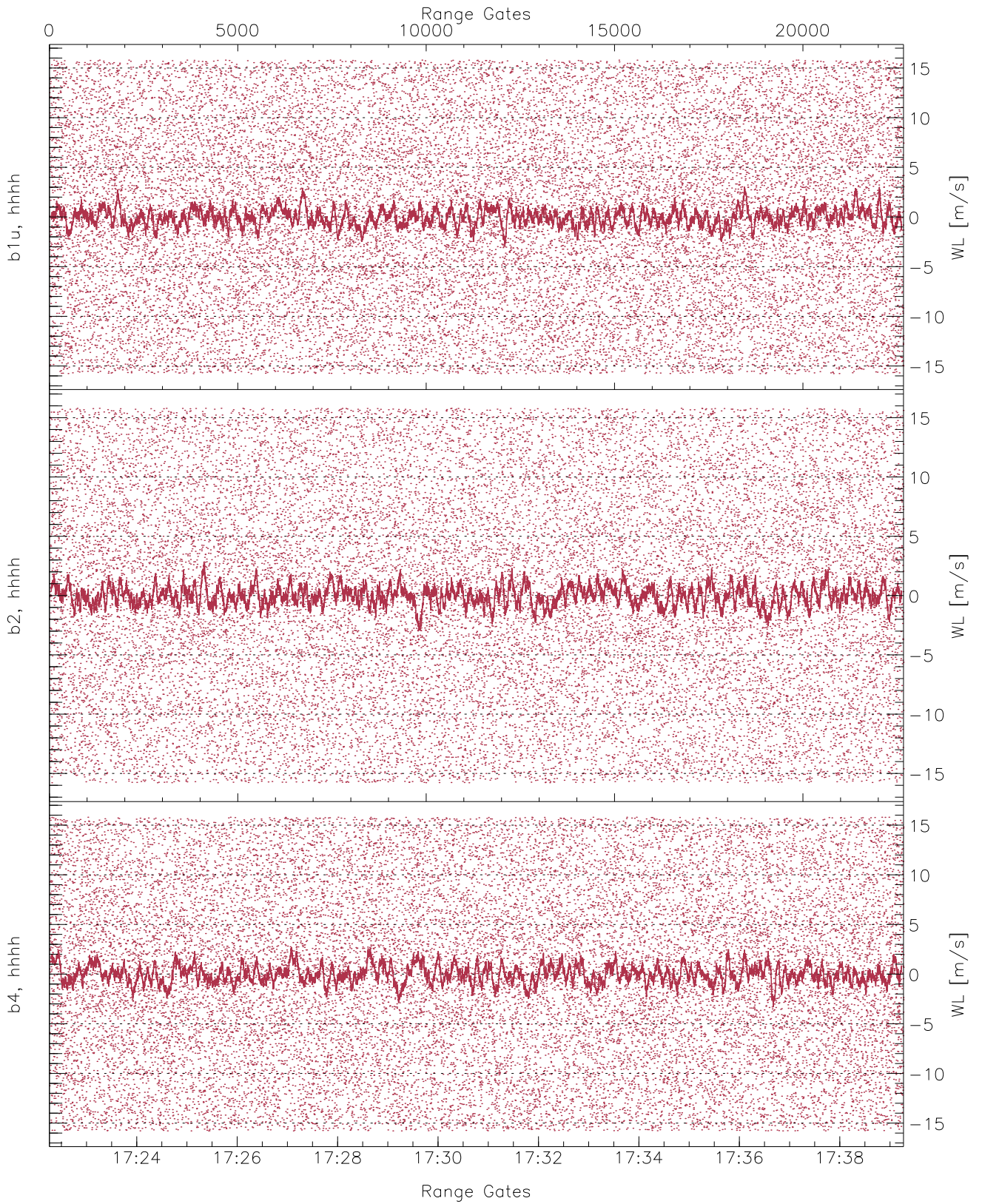




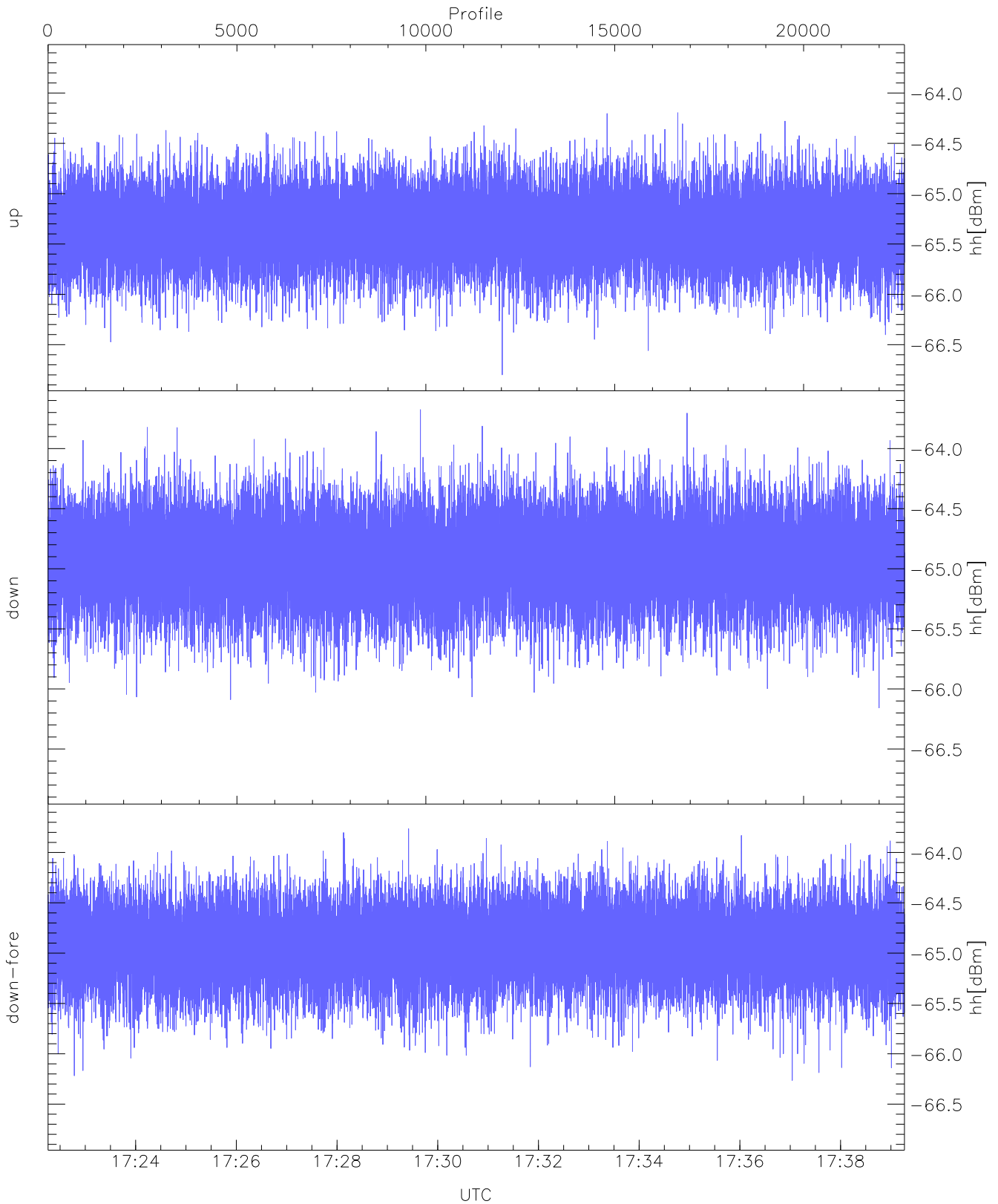
WCR3 CPP Averaged Received power for all recorded gates  
blue: 172216-173046, 11337 profiles averaged  
red: 173046-173916, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 172216-173046, 11337 profiles averaged  
red: 173046-173916, 11336 profiles averaged

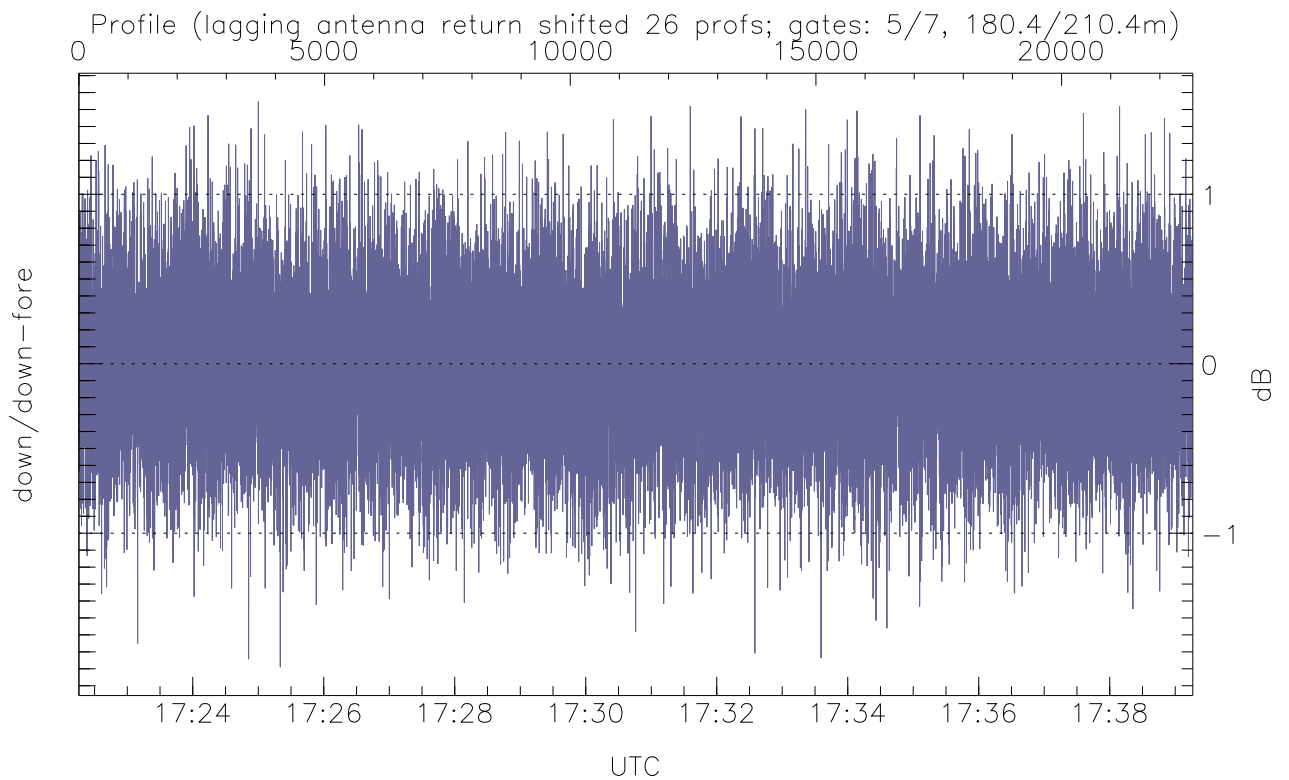
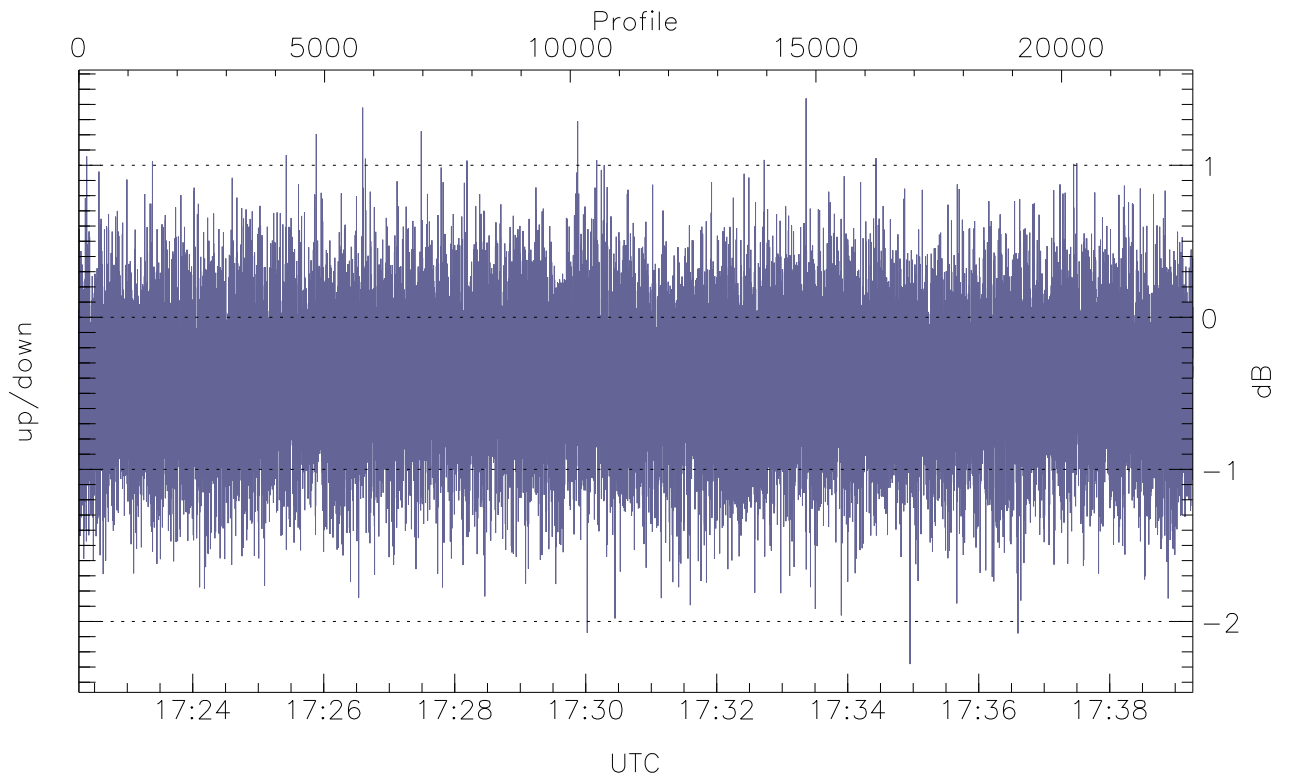


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



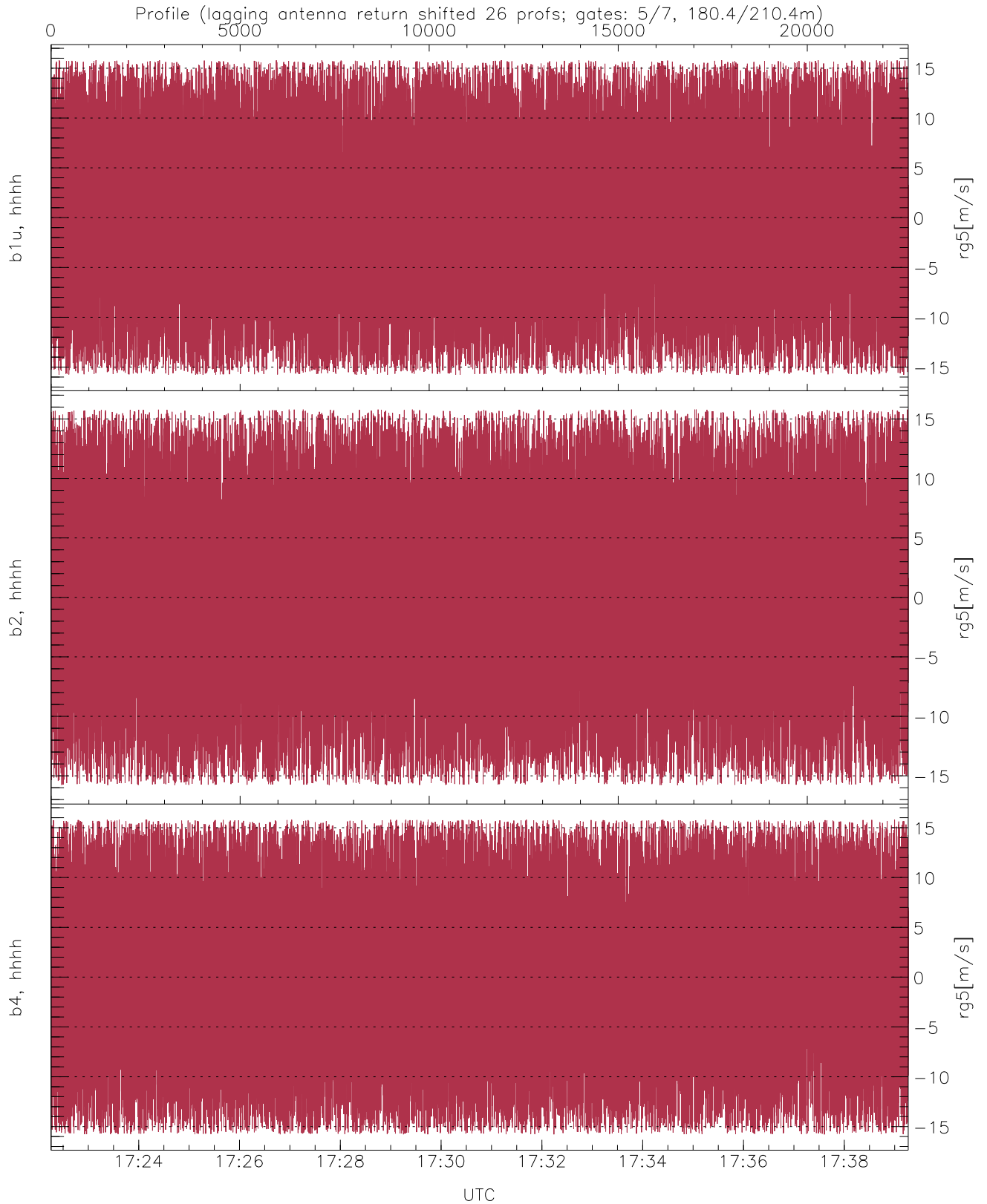
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.80	-64.19	-65.34
down(hh[dBm])	-66.16	-63.67	-64.92
down-fore(hh[dBm])	-66.27	-63.76	-64.92



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

	Min	Max	Mean
up/down (dB)	-2.28	1.44	-0.42
down/down-fore (dB)	-1.79	1.55	-0.01



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.05	8.62
b2, hhhh(rg5[m/s])	-15.78	15.79	0.03	8.51
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.06	8.83