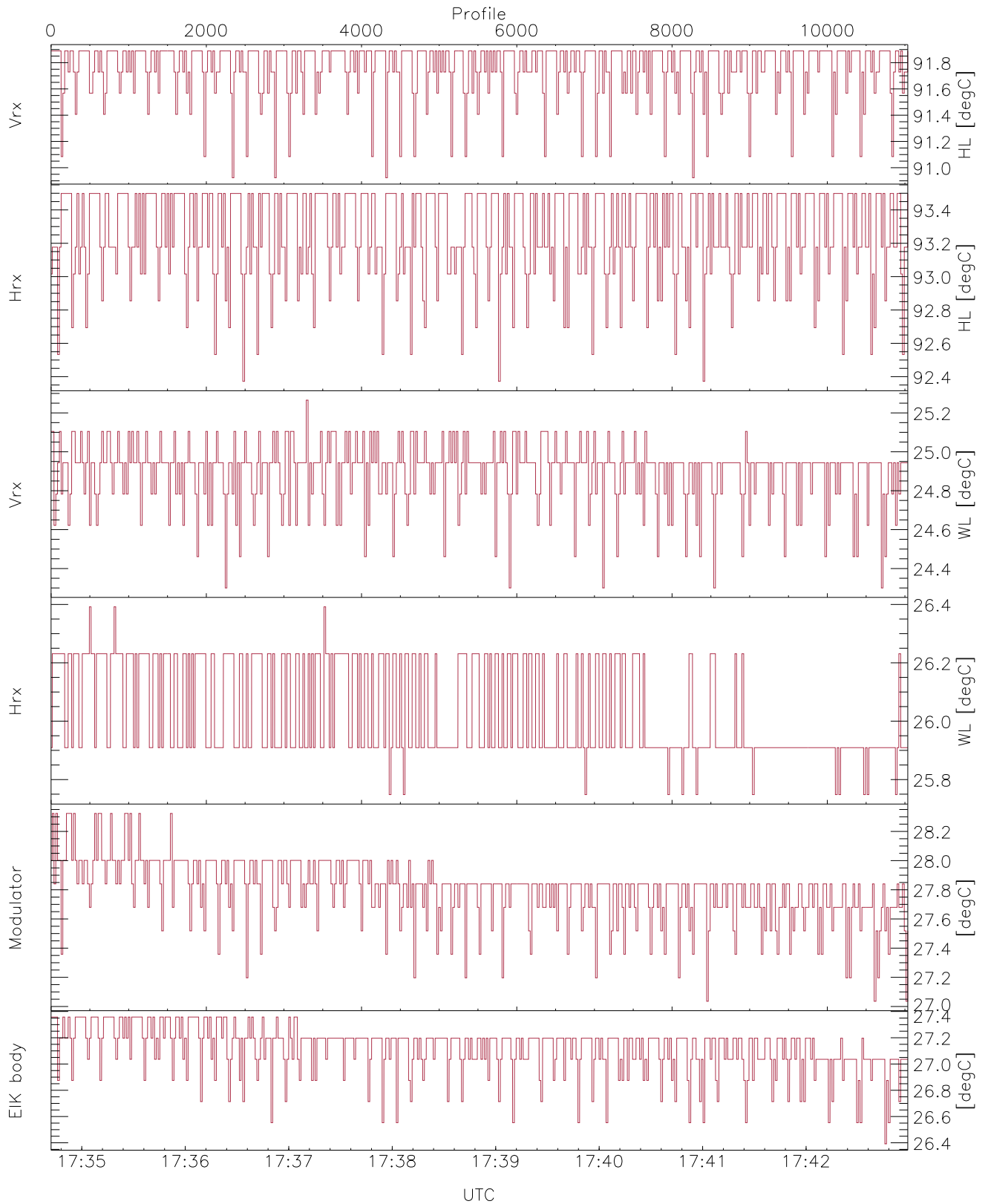


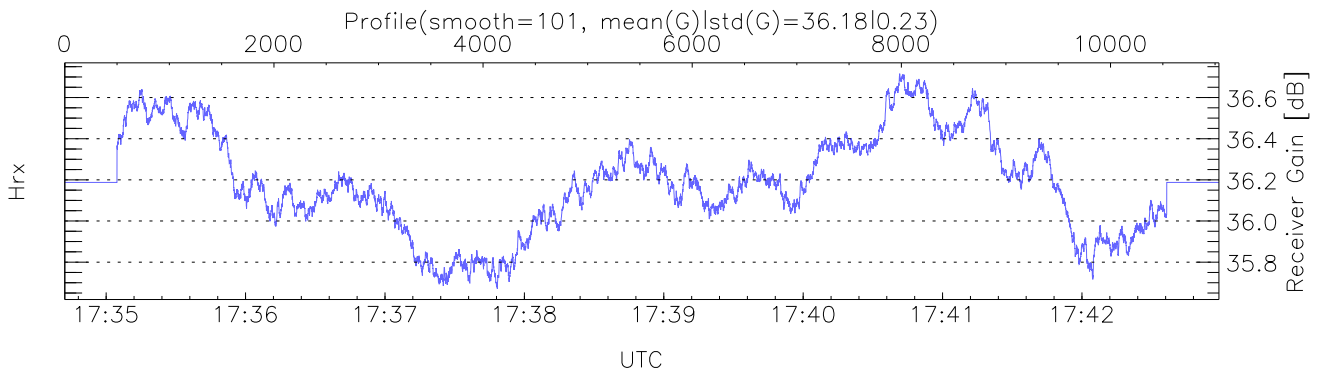
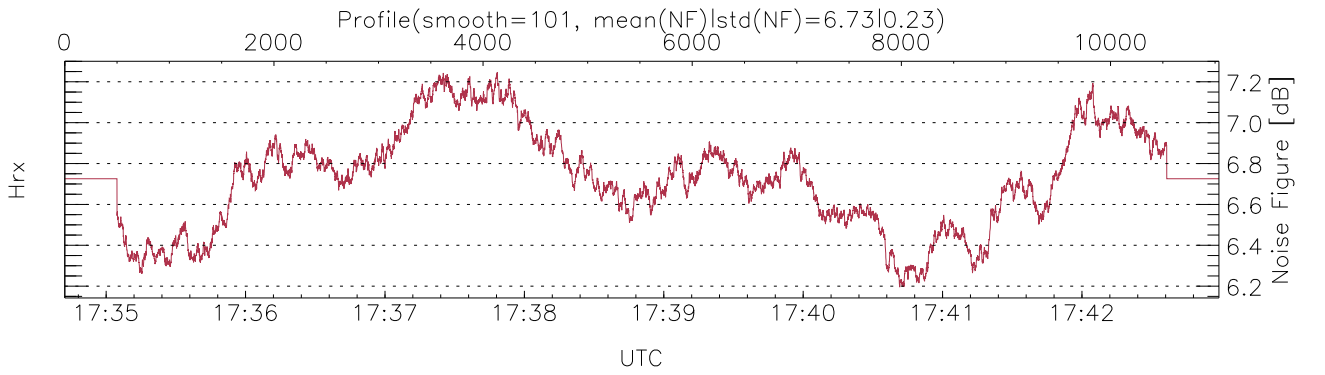
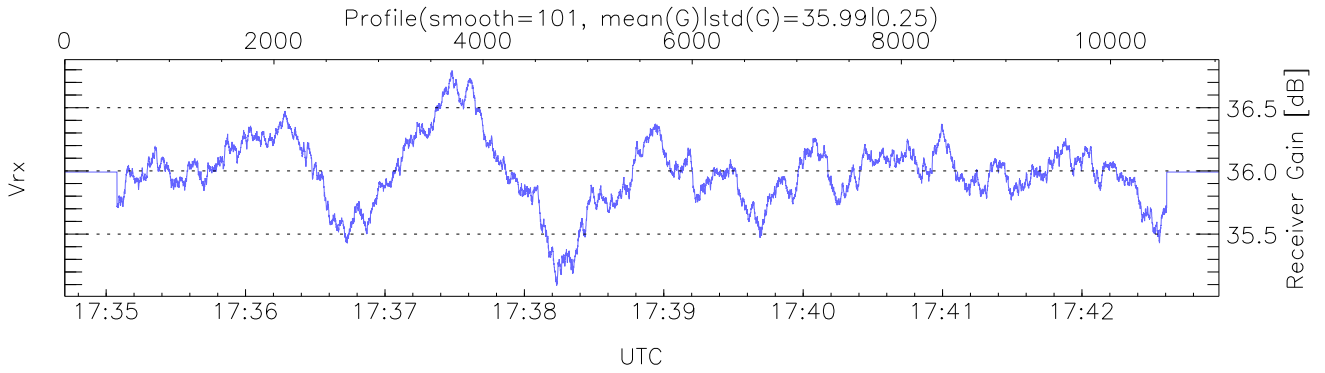
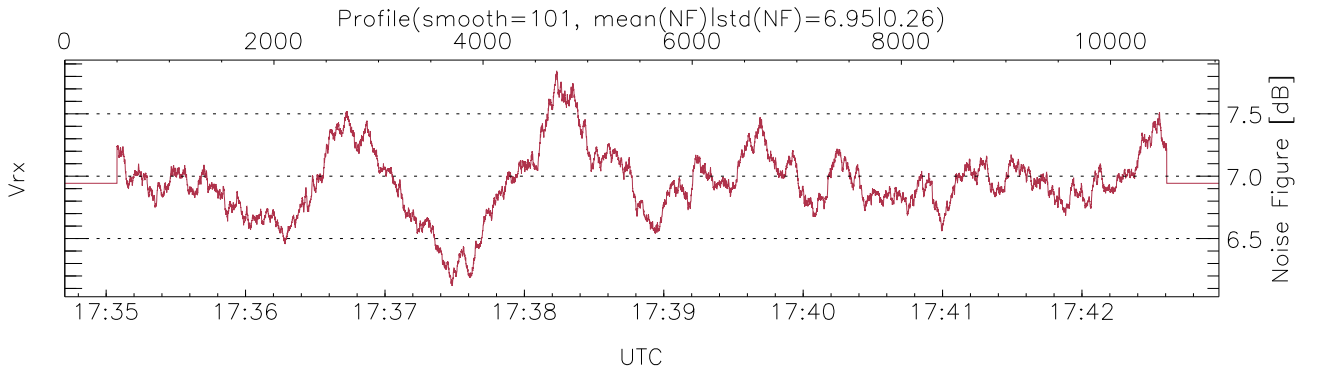
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:34:42-17:42:59, TimeCor: 0.00s, Dur: 496.79s  
 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): 11038/11038, 0-11037/17:34:42-17:42:59  
 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



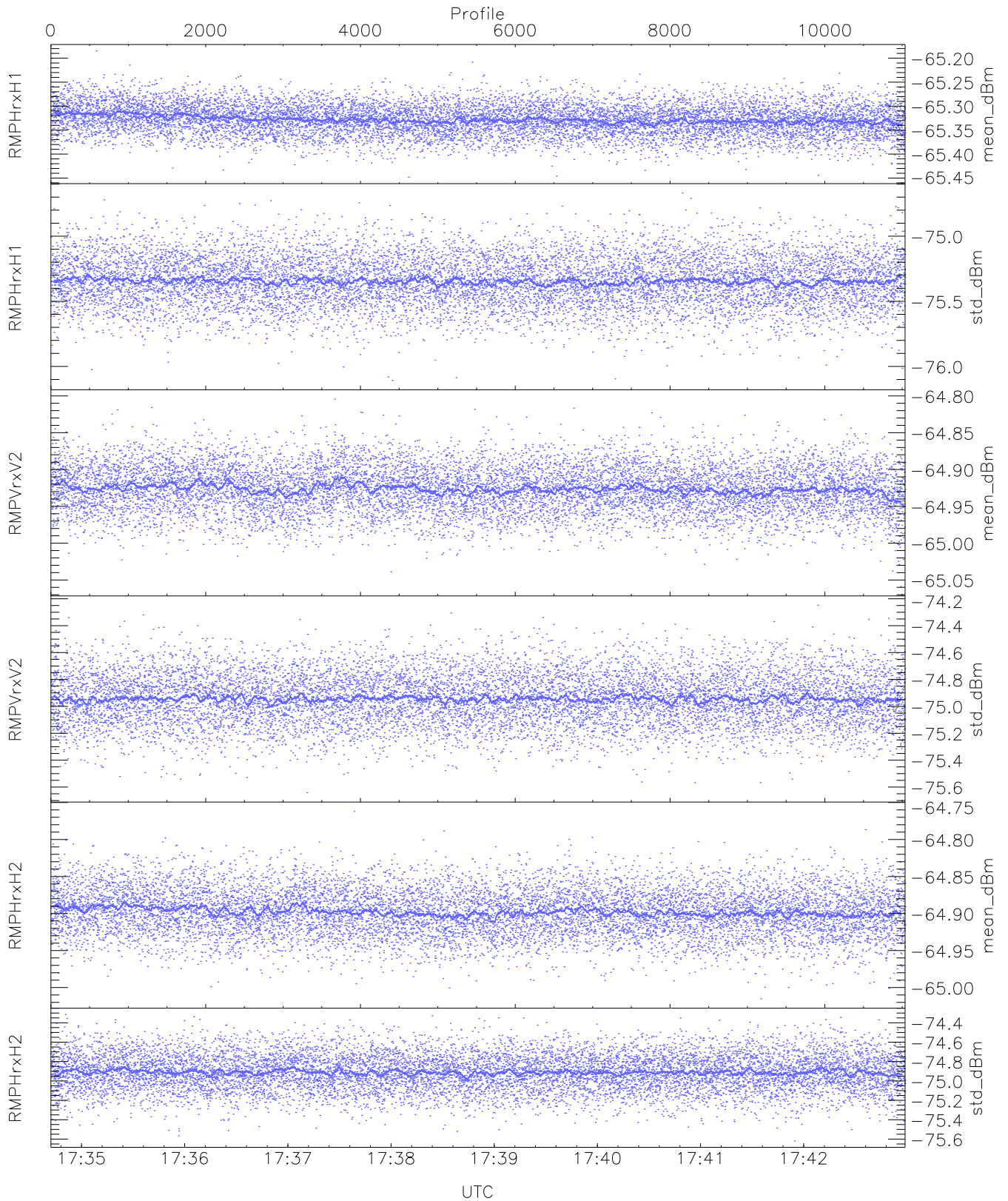
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,27,26  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,28,27  
LOalarm(20,240,2817,14861 MHz): None  
EIK Faults(#\_prof affected):  
DeckF (24)



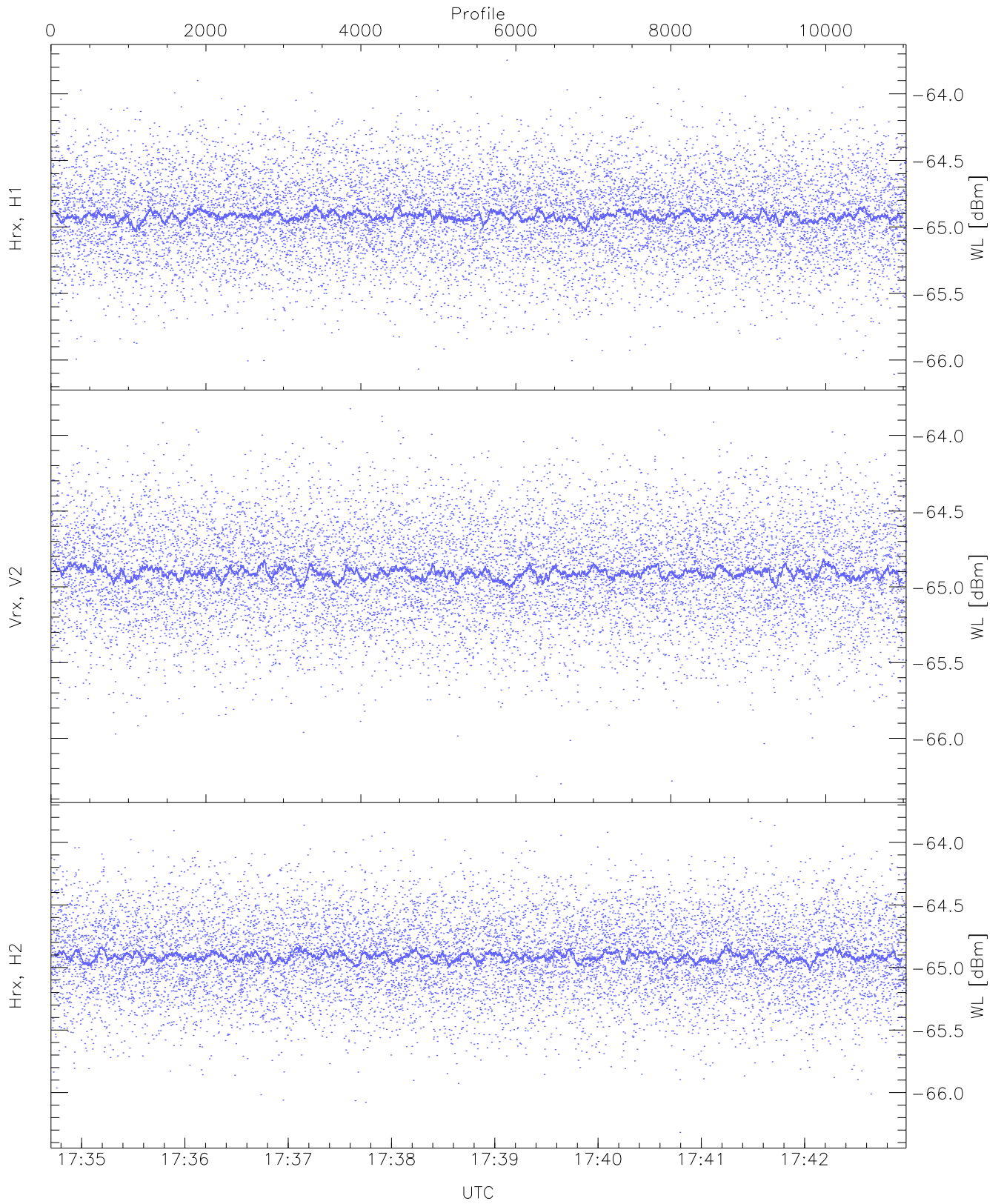
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 4 pixs, 1 gates, 4 profs, 1 prod(s)



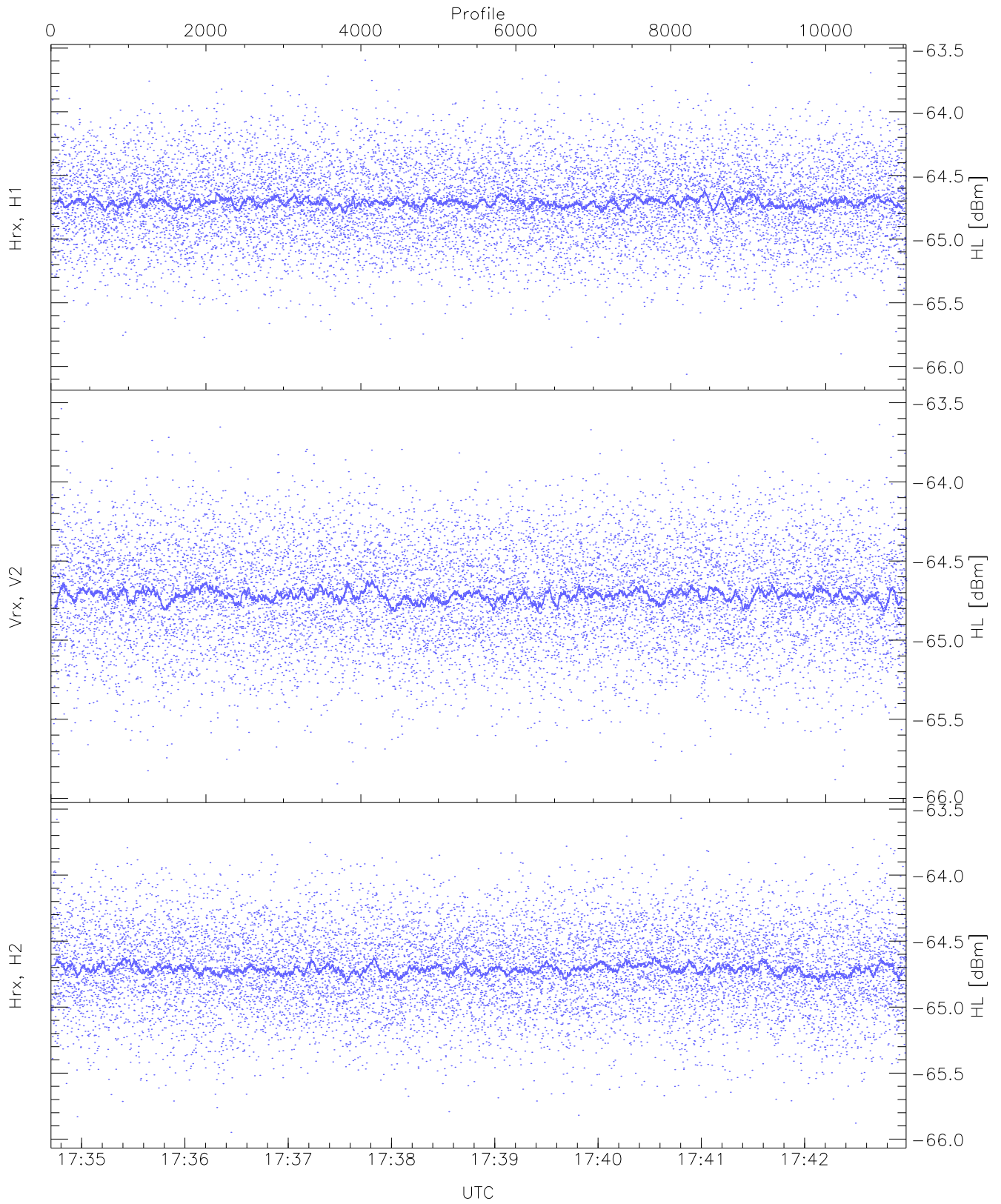
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.18	-65.33	-65.33	-86.89
RMPHrxH1 (std_dBm)	-76.11	-74.67	-75.34	-75.35	-89.06
RMPVrxV2 (mean_dBm)	-65.06	-64.80	-64.93	-64.93	-86.49
RMPVrxV2 (std_dBm)	-75.64	-74.25	-74.94	-74.95	-88.70
RMPHrxH2 (mean_dBm)	-65.02	-64.76	-64.90	-64.90	-86.47
RMPHrxH2 (std_dBm)	-75.62	-74.31	-74.91	-74.91	-88.72



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

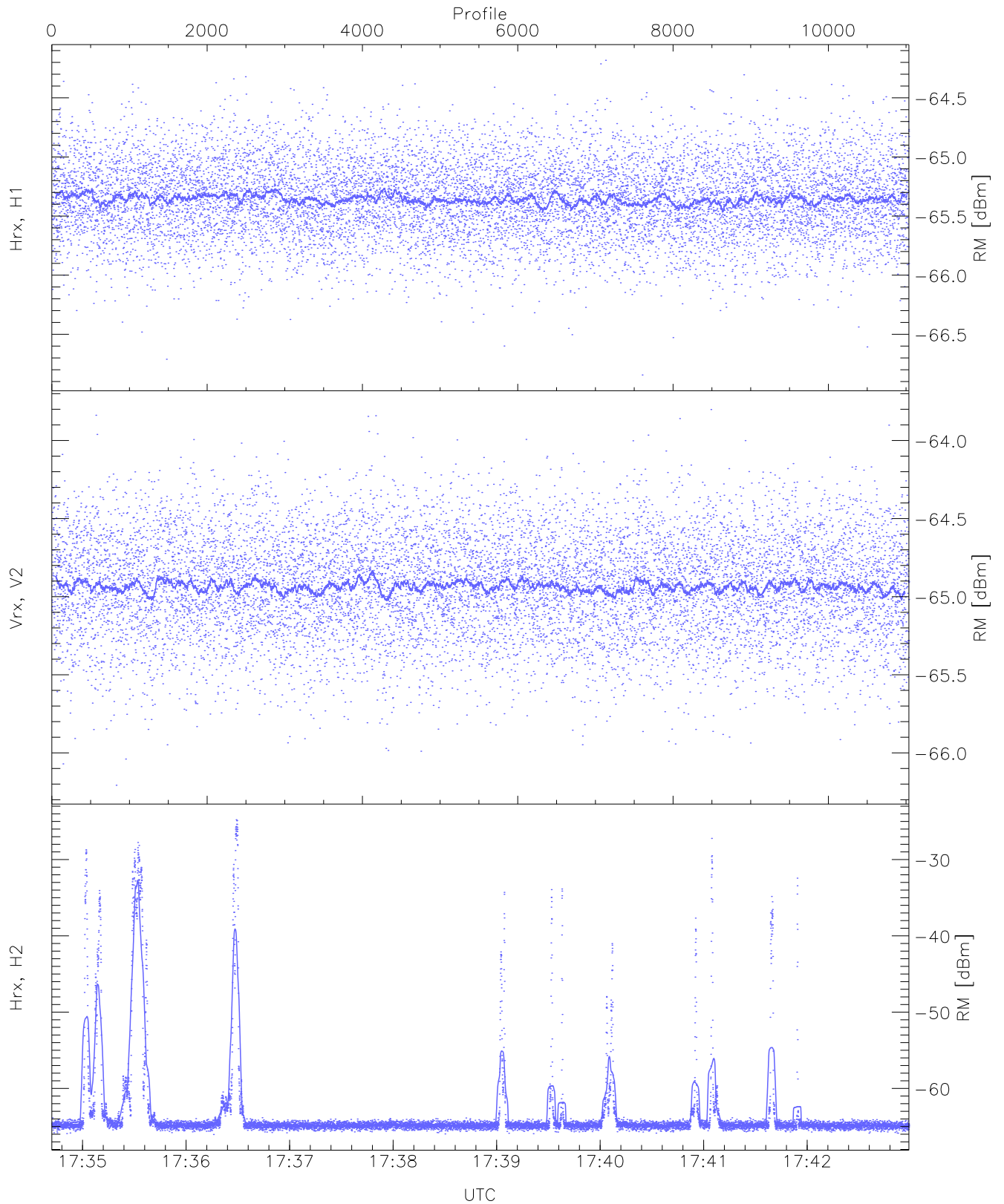
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.11	-63.75	-64.91	-64.92	-76.42
Vrx, V2 (WL [dBm])	-66.30	-63.82	-64.90	-64.91	-76.37
Hrx, H2 (WL [dBm])	-66.32	-63.81	-64.90	-64.91	-76.38



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

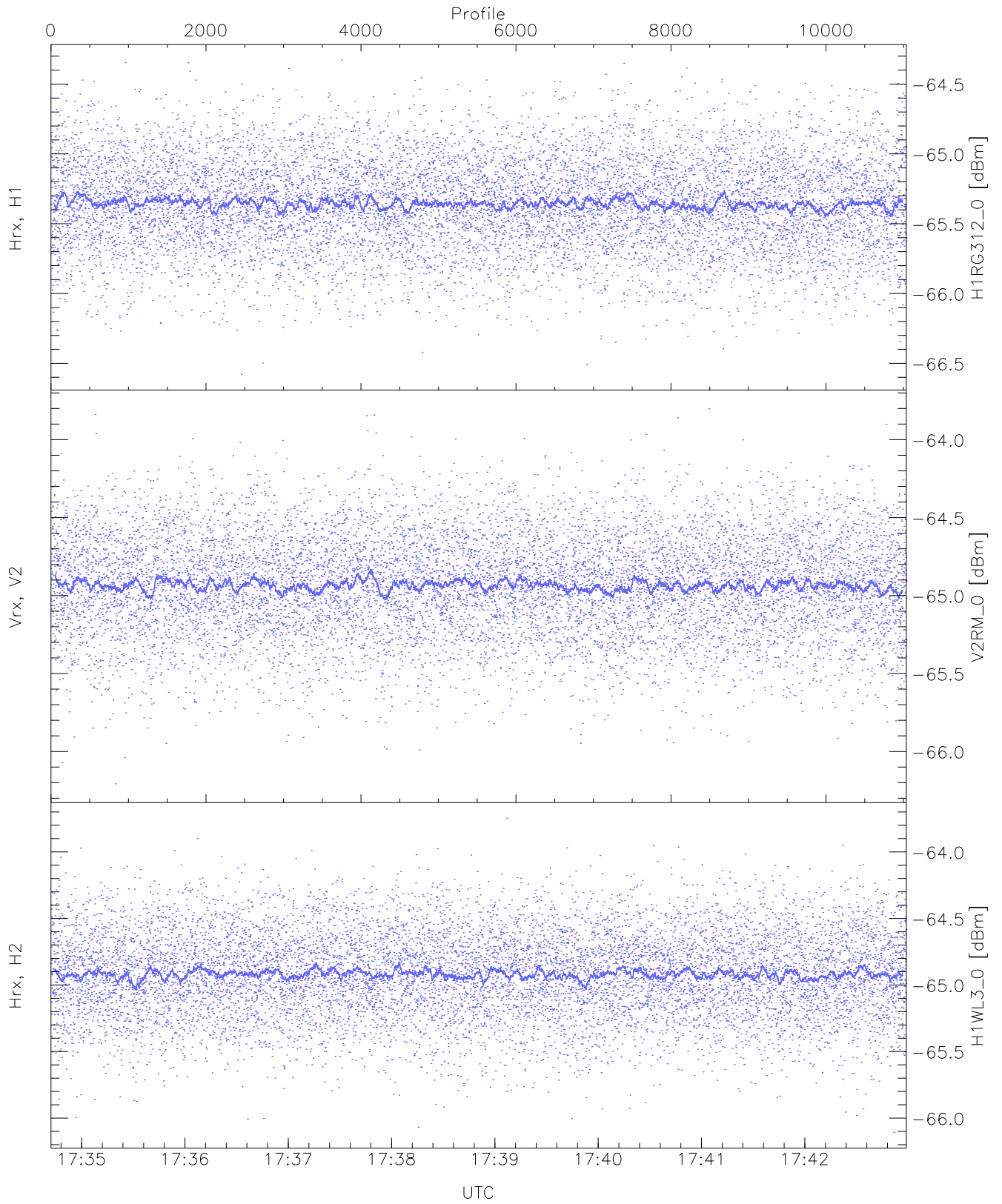
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.06	-63.60	-64.70	-64.71	-76.22
Vrx, V2 (HL [dBm])	-65.91	-63.54	-64.71	-64.72	-76.20
Hrx, H2 (HL [dBm])	-65.95	-63.57	-64.70	-64.71	-76.20





WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

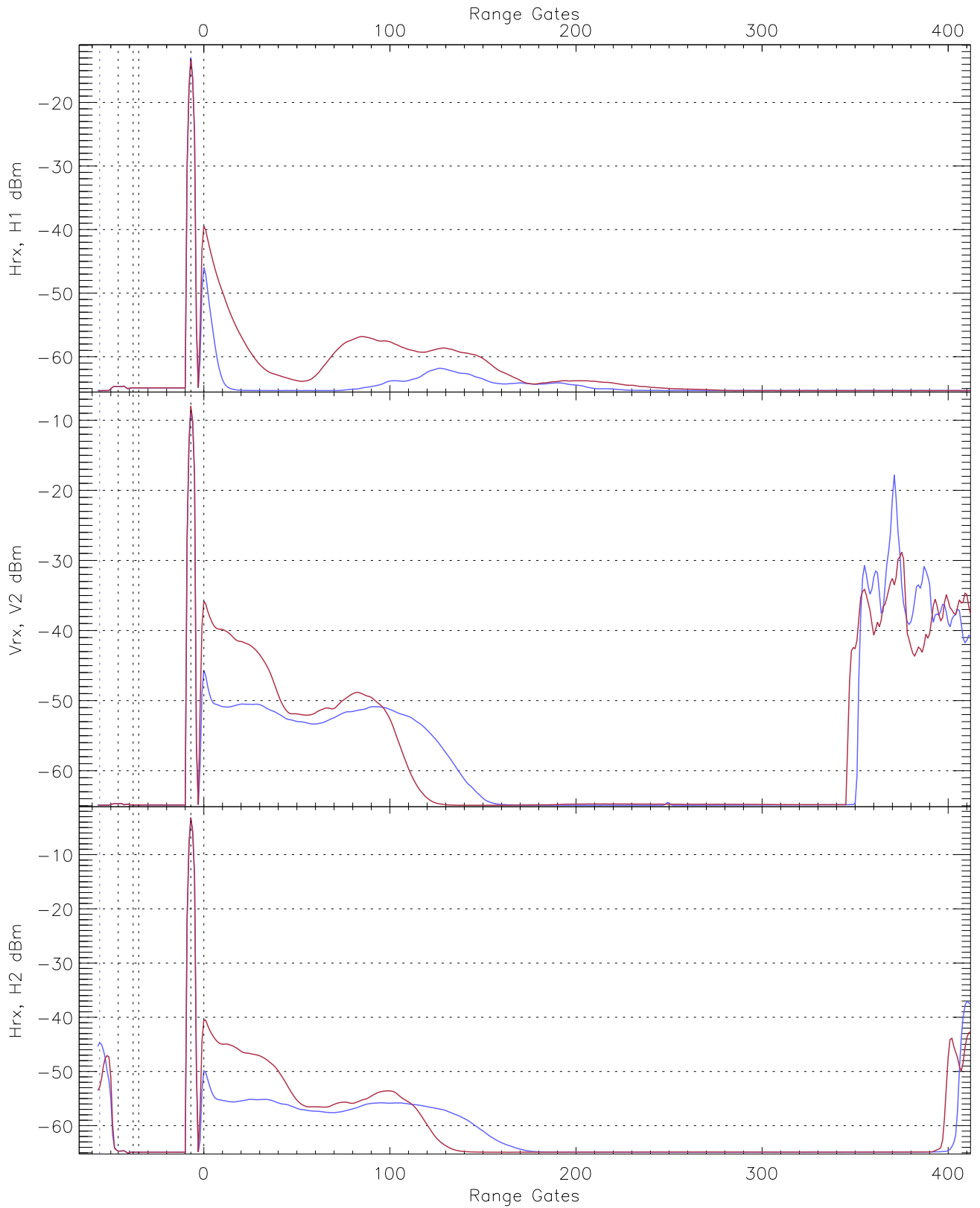
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.84	-64.18	-65.35	-65.36	-76.83
Vrx, V2 (RM [dBm])	-66.21	-63.80	-64.93	-64.93	-76.44
Hrx, H2 (RM [dBm])	-66.04	-24.78	-47.09	-64.77	-38.10



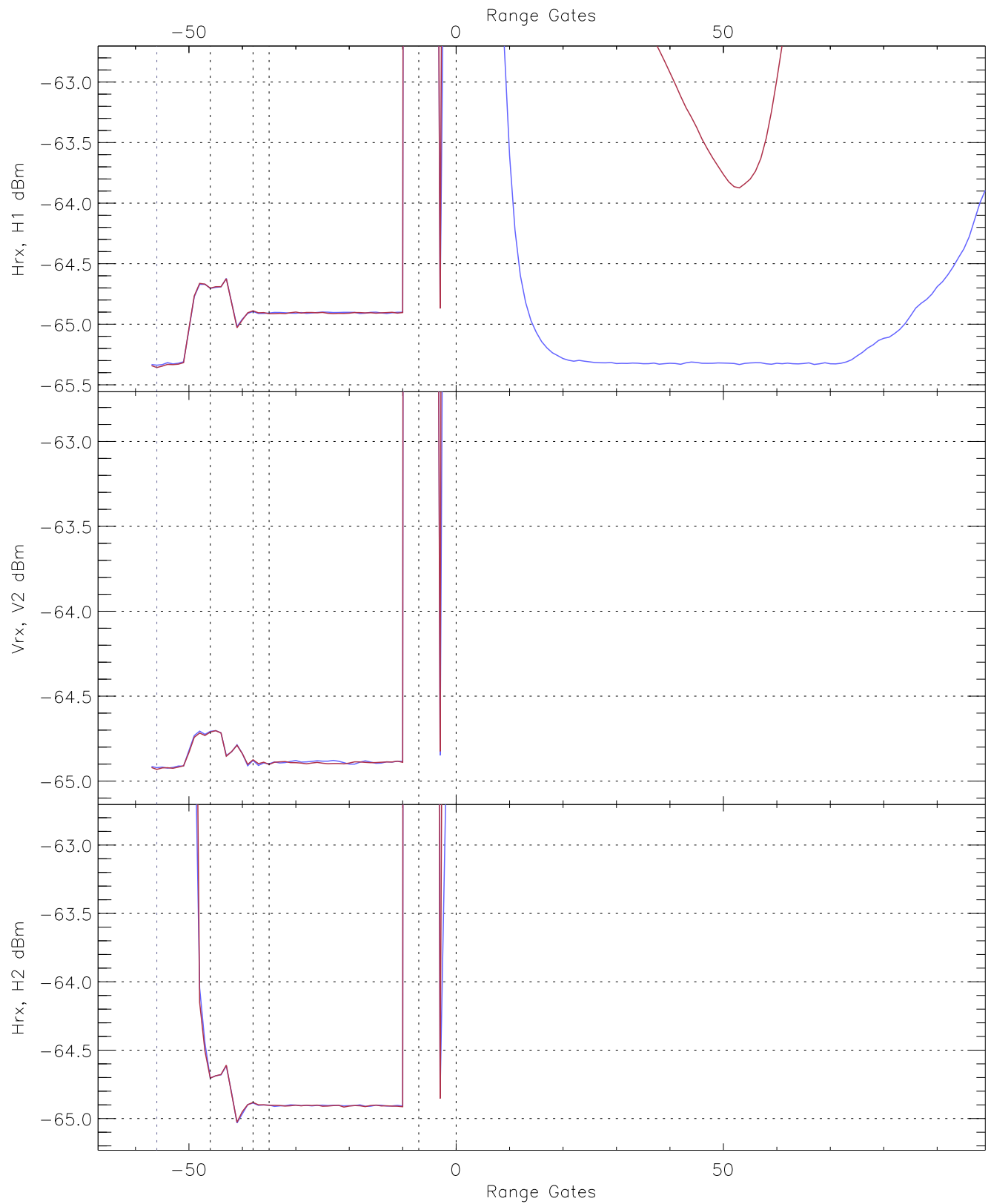
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG312_0 [dBm]	-66.58	-64.33	-65.35	-65.36	-76.78
V2RM_0 [dBm]	-66.21	-63.80	-64.93	-64.93	-76.44
H1WL3_0 [dBm]	-66.11	-63.75	-64.91	-64.92	-76.42

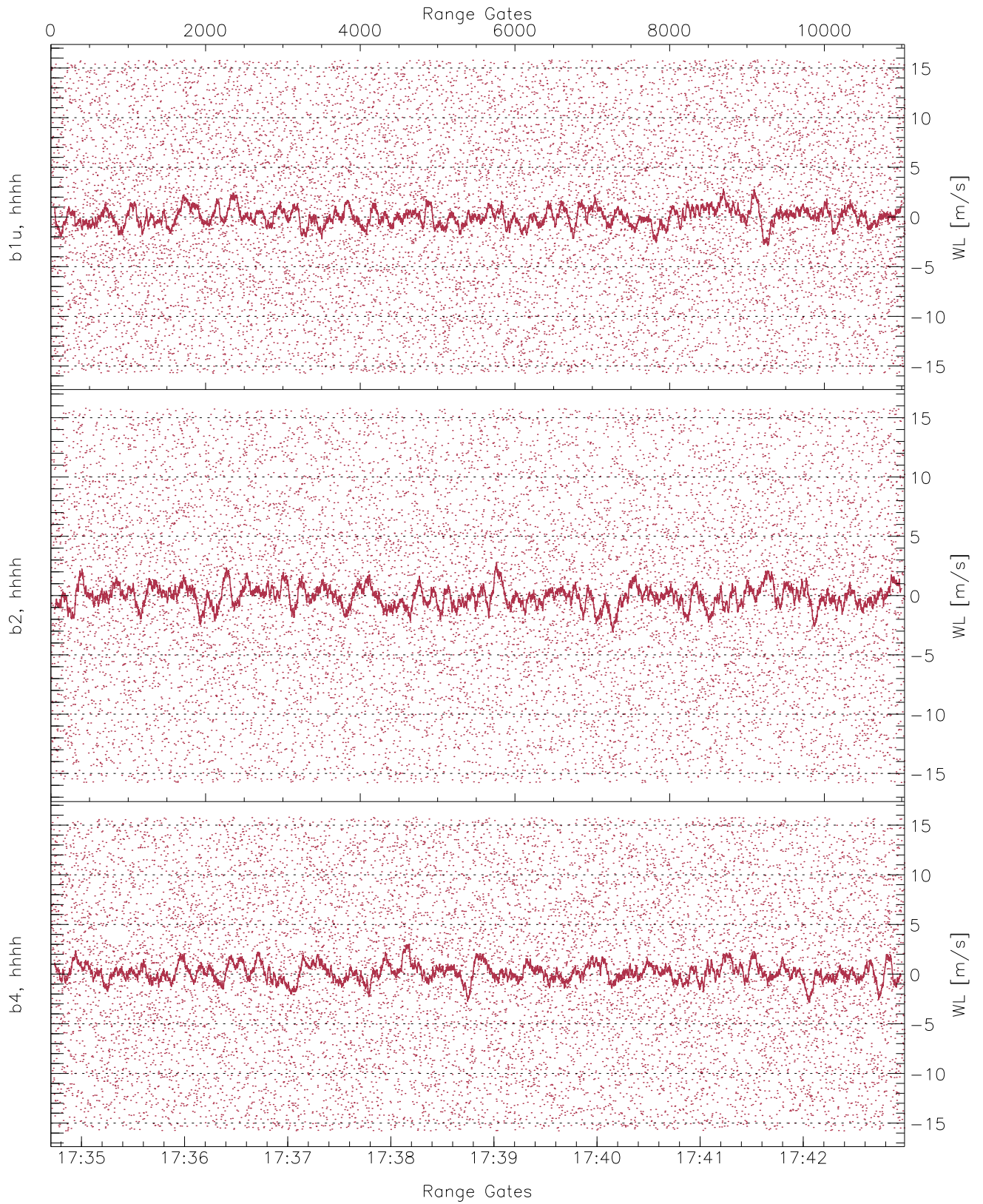




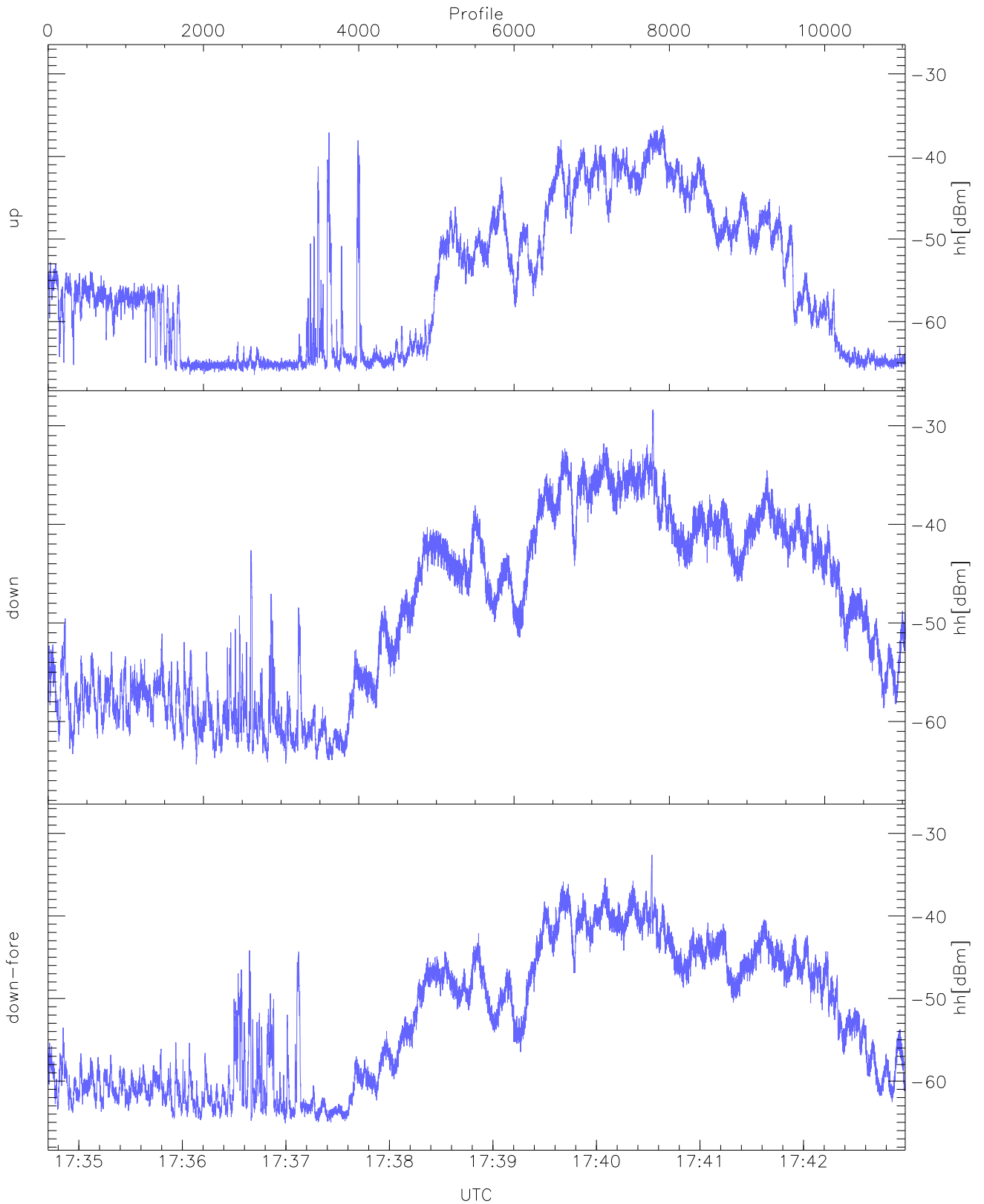
WCR3 CPP Averaged Received power for all recorded gates  
blue: 173442-173851, 5520 profiles averaged  
red: 173851-174259, 5519 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 173442-173851, 5520 profiles averaged  
red: 173851-174259, 5519 profiles averaged

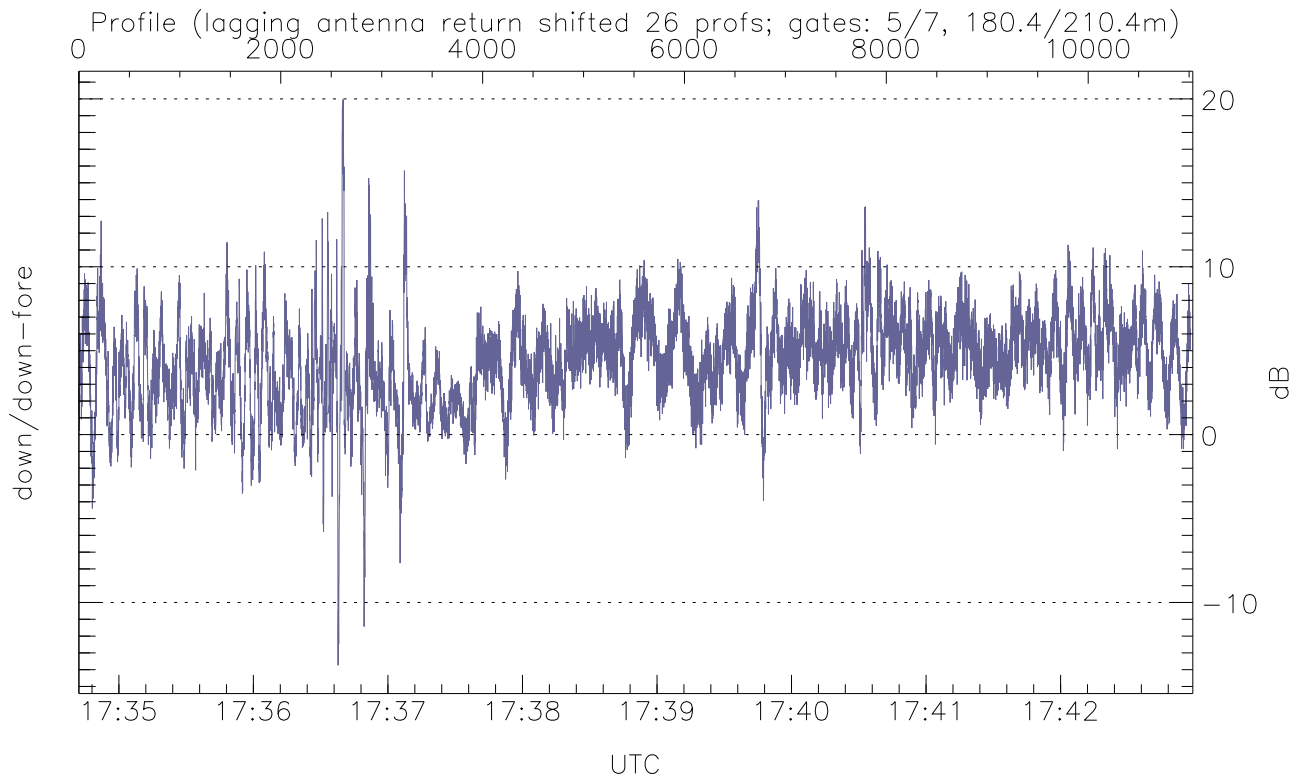
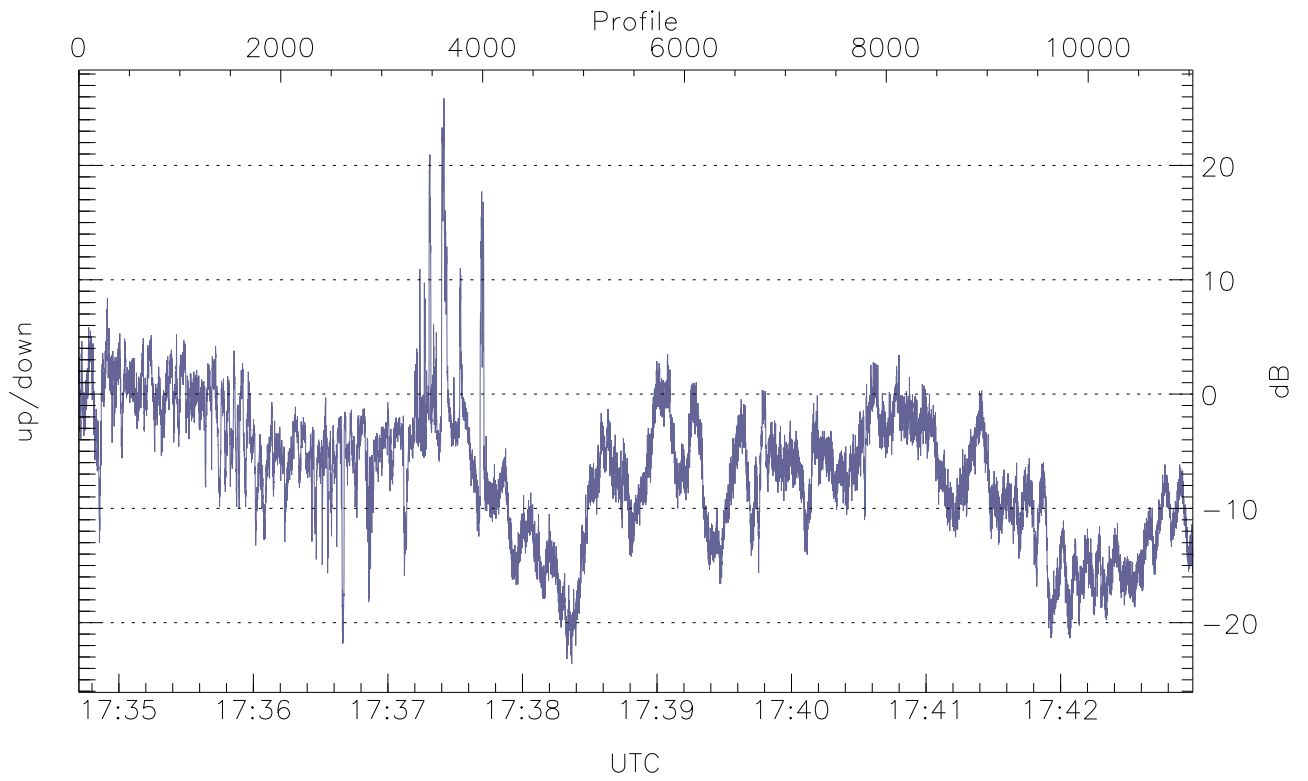


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

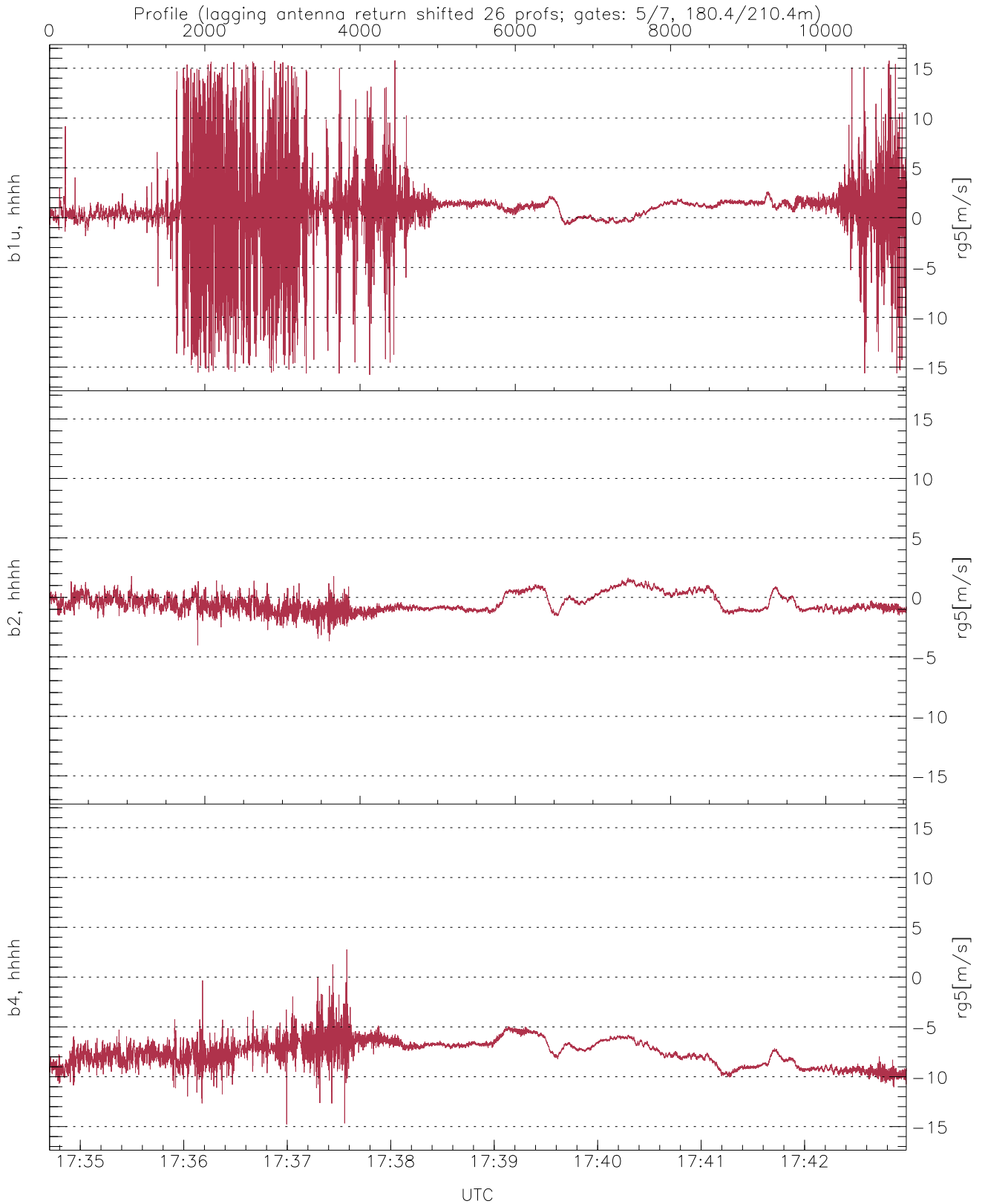
	Min	Max	Mean
up(hh[dBm])	-66.47	-36.25	-47.77
down(hh[dBm])	-64.33	-28.35	-41.82
down-fore(hh[dBm])	-65.11	-32.61	-46.16



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

	Min	Max	Mean
up/down (dB)	-23.62	25.87	-6.65
down/down-fore (dB)	-13.74	19.96	4.39





WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.78	0.88	3.20
b2, hhhh(rg5[m/s])	-4.02	1.79	-0.47	0.76
b4, hhhh(rg5[m/s])	-14.77	2.78	-7.55	1.32