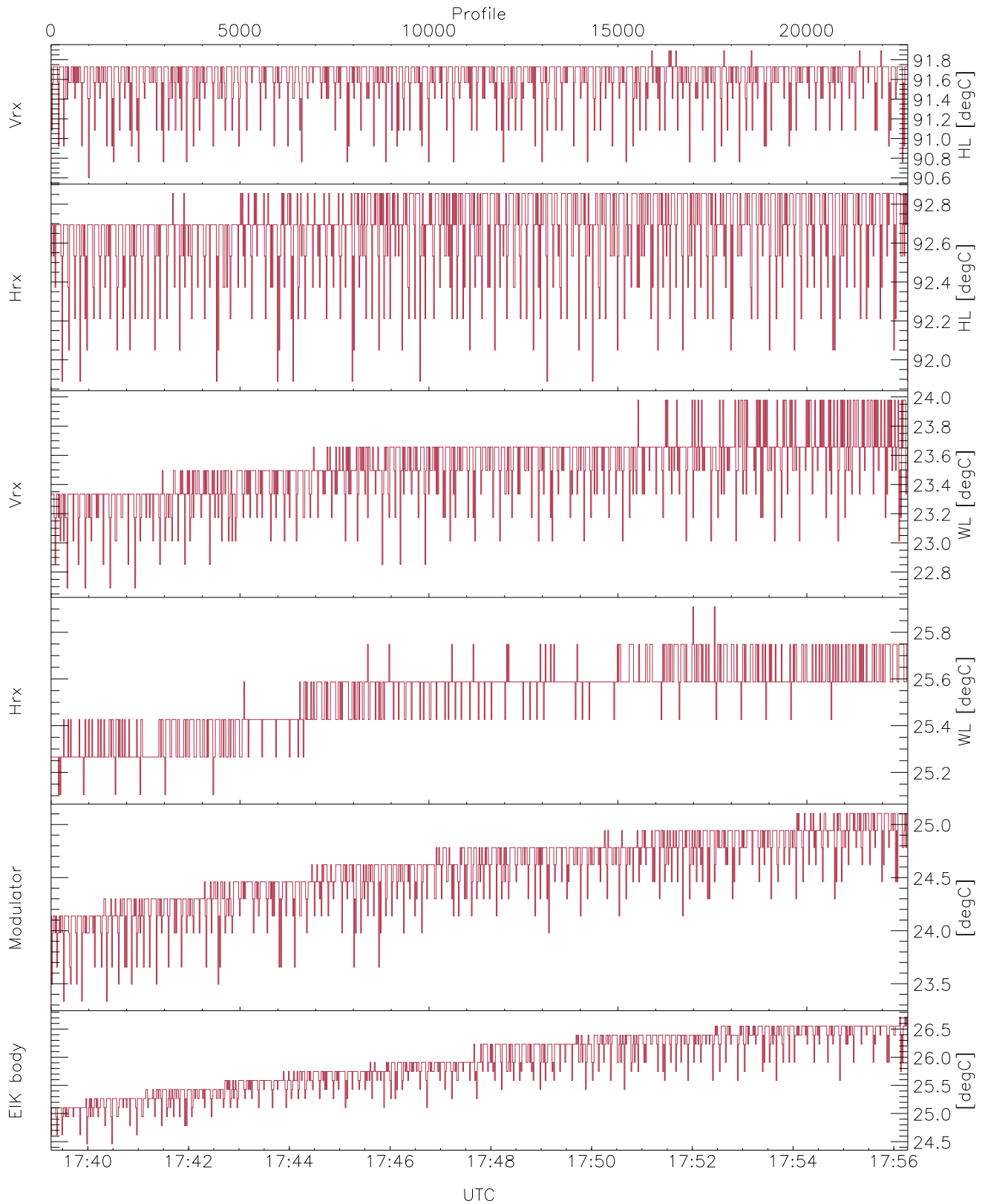


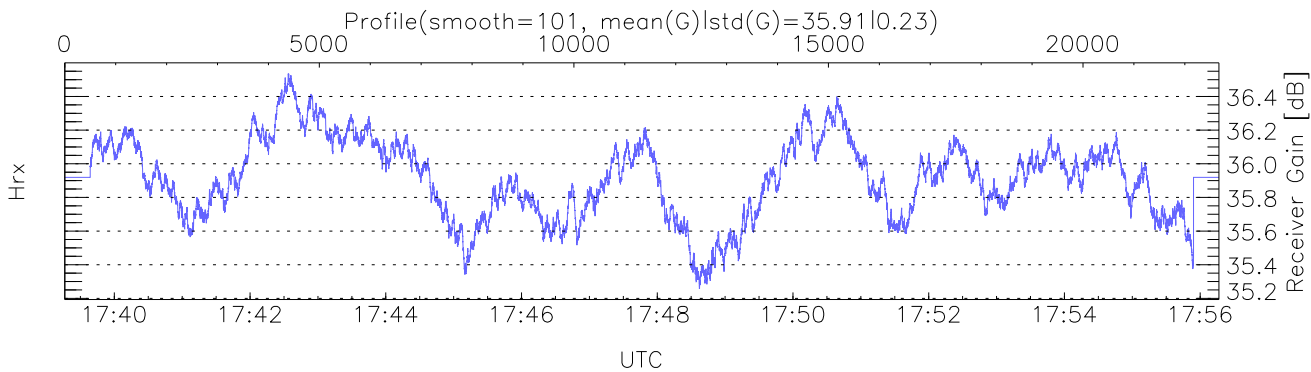
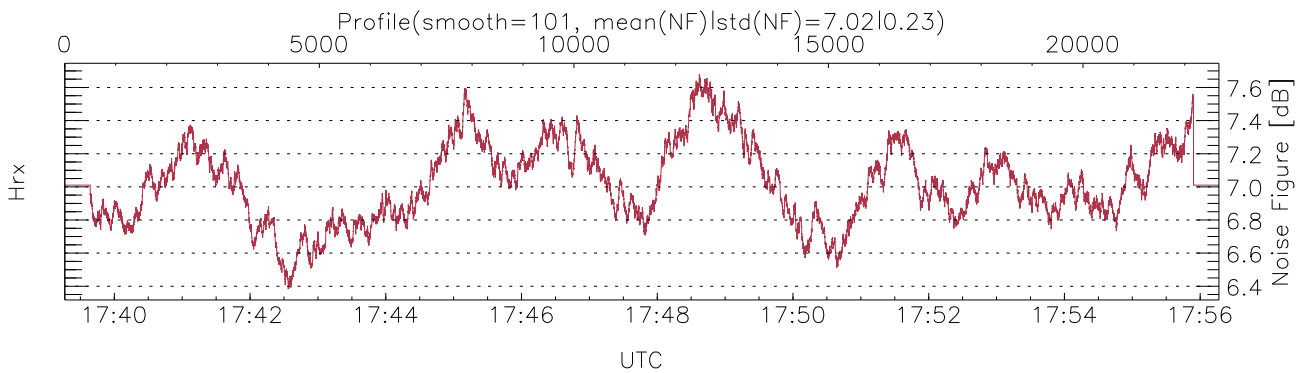
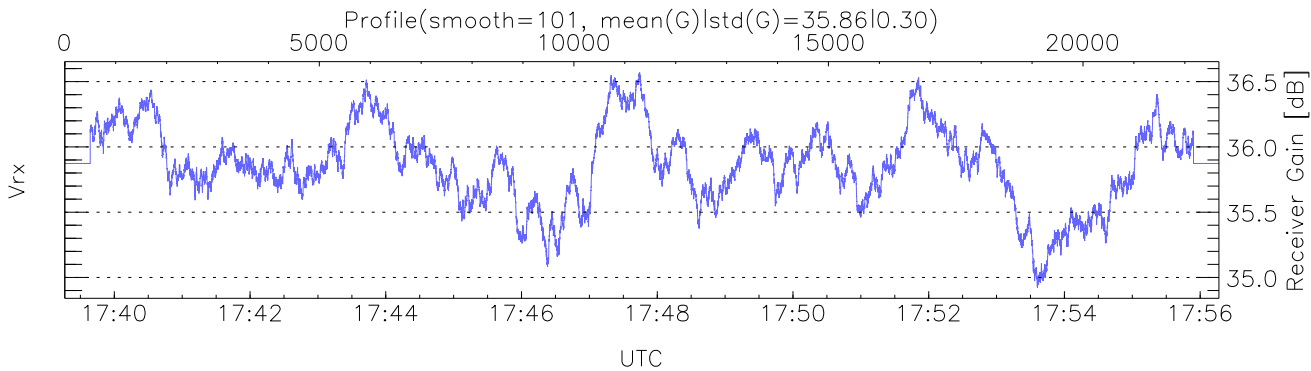
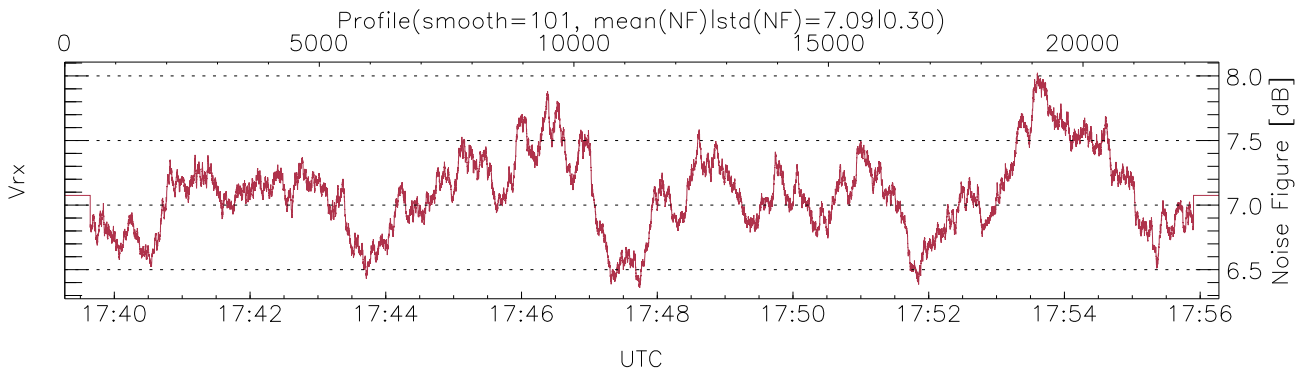
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:39:16-17:56:17, 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, 0-22671/17:39:16-17:56:17  
 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



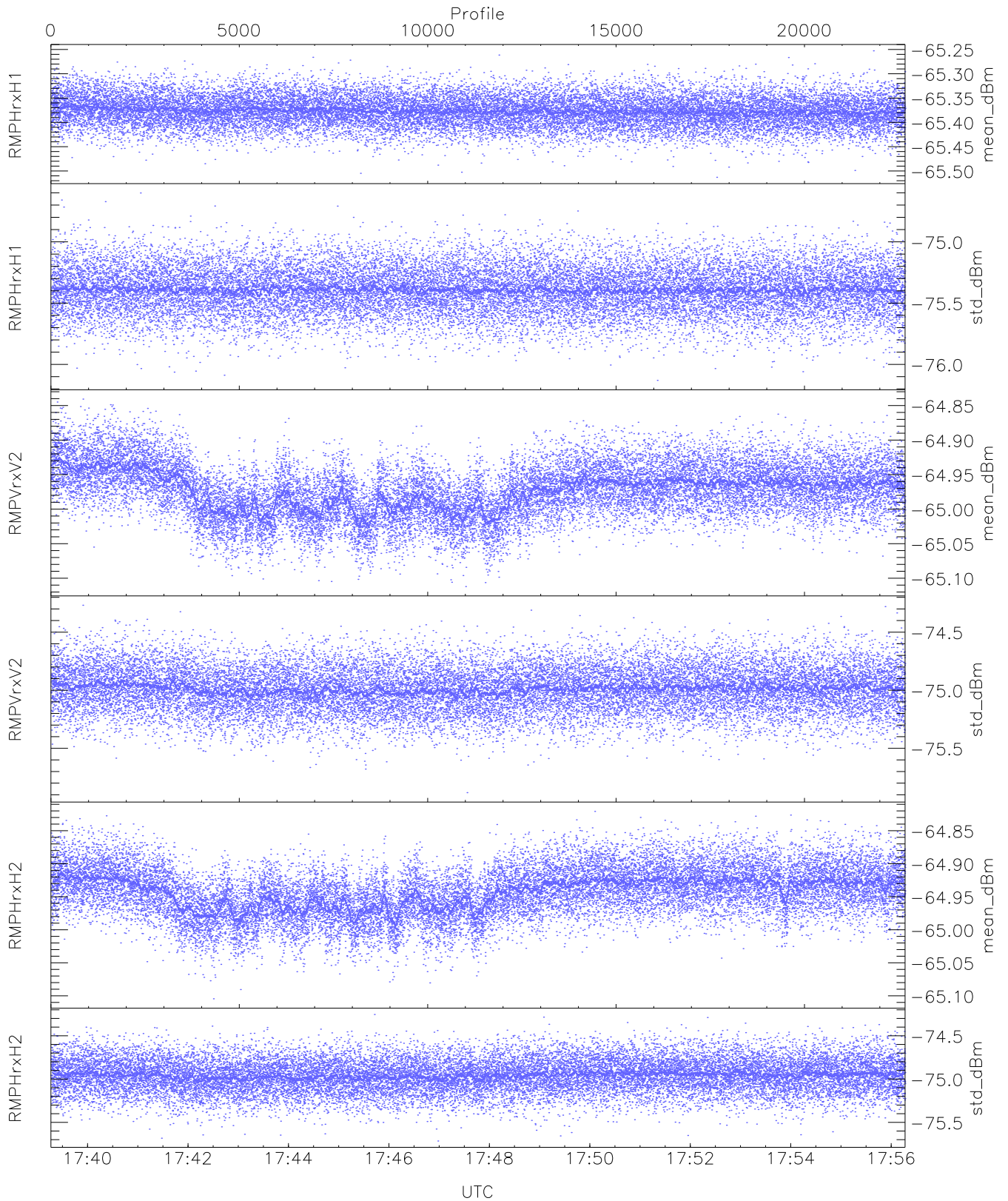
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,23,24  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



WCR3 CPP Receivers Gain and Noise Figure

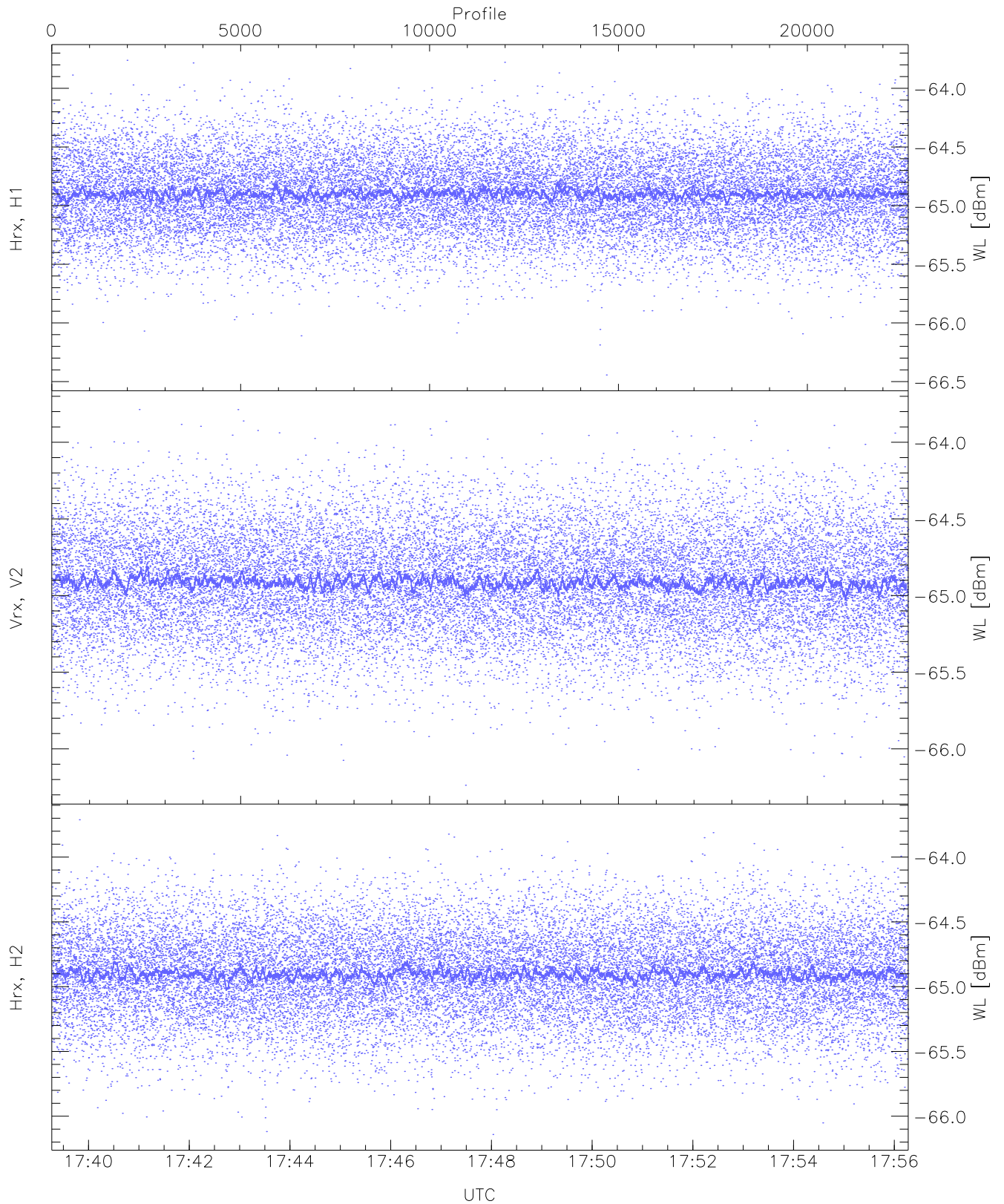
Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



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

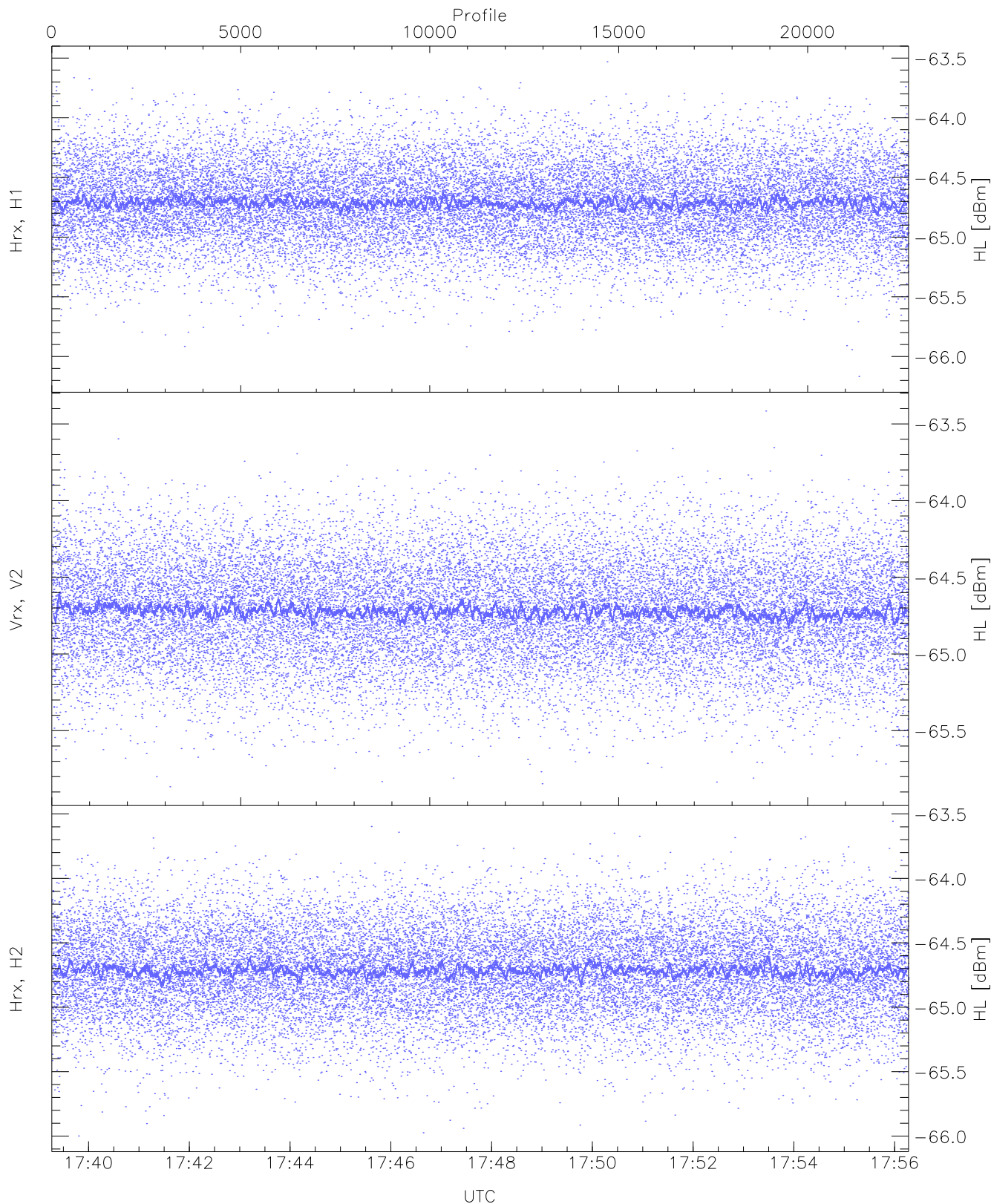
	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.51	-65.25	-65.38	-65.38	-87.00
RMPHrxH1 (std_dBm)	-76.13	-74.60	-75.39	-75.39	-89.18
RMPVrxV2 (mean_dBm)	-65.11	-64.84	-64.97	-64.97	-85.57
RMPVrxV2 (std_dBm)	-75.88	-74.27	-74.99	-74.99	-88.74
RMPHrxH2 (mean_dBm)	-65.10	-64.82	-64.94	-64.94	-85.74
RMPHrxH2 (std_dBm)	-75.72	-74.25	-74.96	-74.96	-88.72





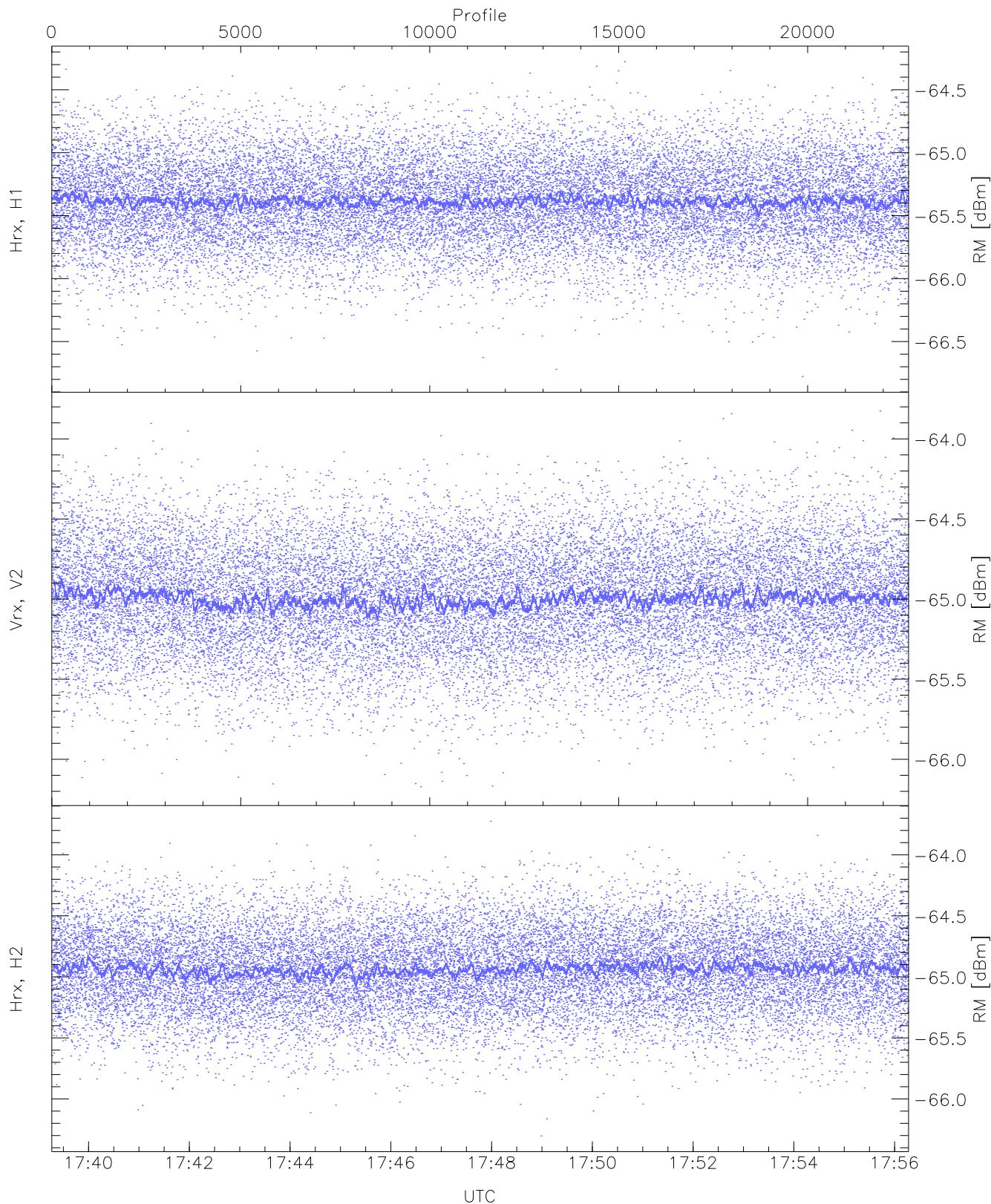
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.44	-63.76	-64.89	-64.90	-76.43
Vrx, V2 (WL [dBm])	-66.24	-63.79	-64.91	-64.92	-76.45
Hrx, H2 (WL [dBm])	-66.14	-63.71	-64.90	-64.90	-76.39



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

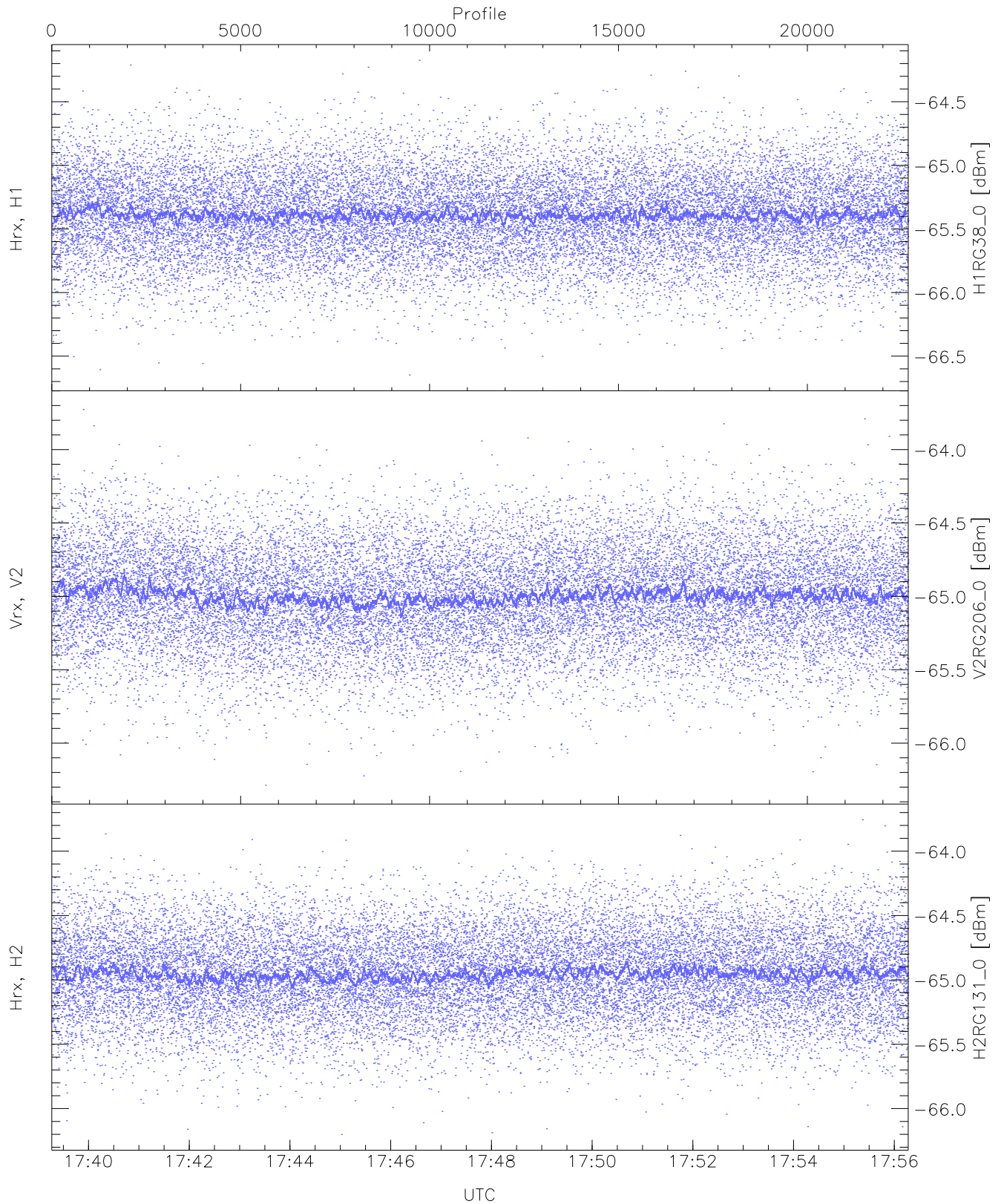
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.17	-63.53	-64.71	-64.71	-76.21
Vrx, V2 (HL [dBm])	-65.87	-63.42	-64.71	-64.72	-76.23
Hrx, H2 (HL [dBm])	-66.00	-63.56	-64.71	-64.72	-76.20



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

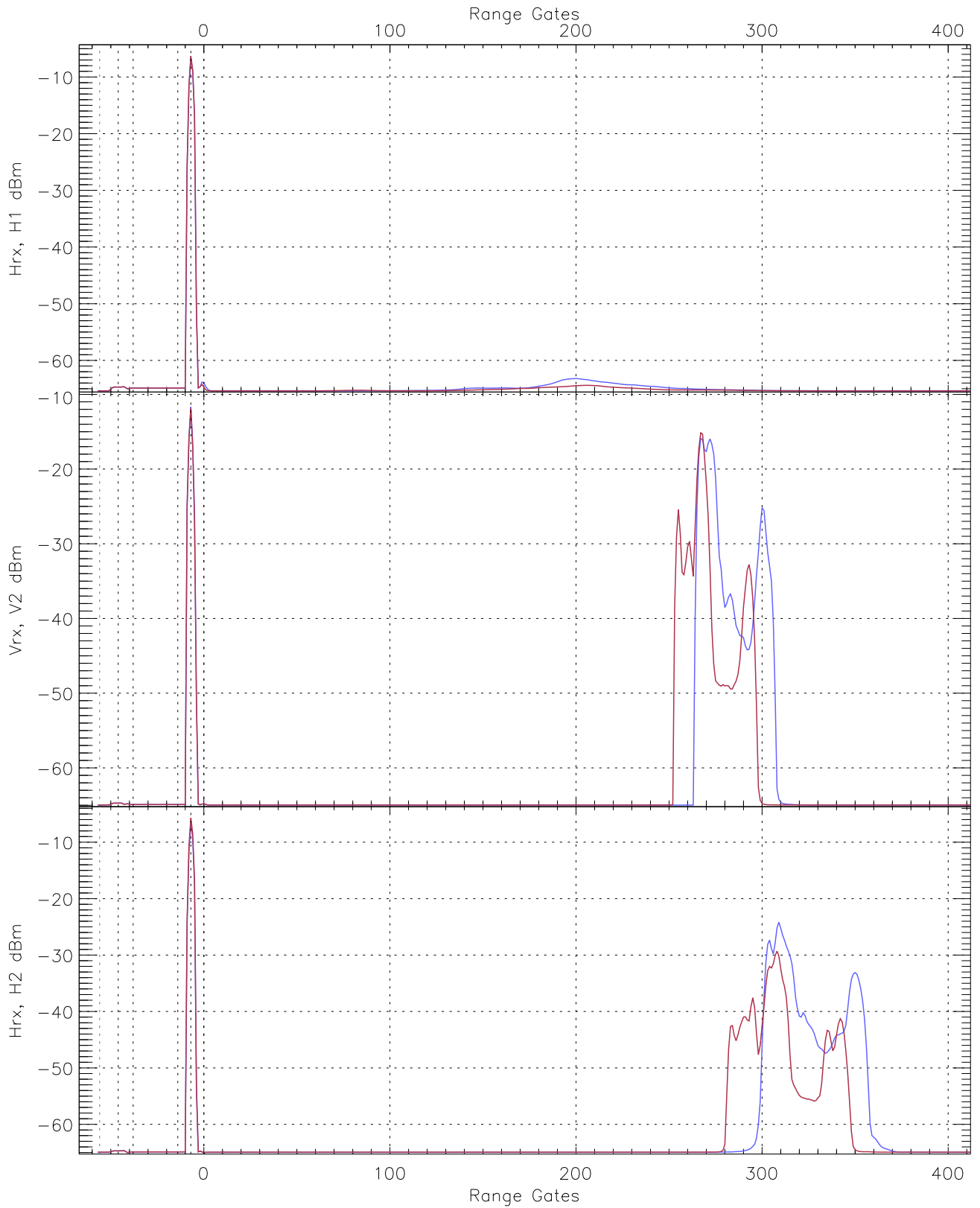
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.78	-64.28	-65.38	-65.39	-76.87
Vrx, V2 (RM [dBm])	-66.17	-63.83	-64.99	-65.00	-76.46
Hrx, H2 (RM [dBm])	-66.30	-63.72	-64.93	-64.94	-76.39





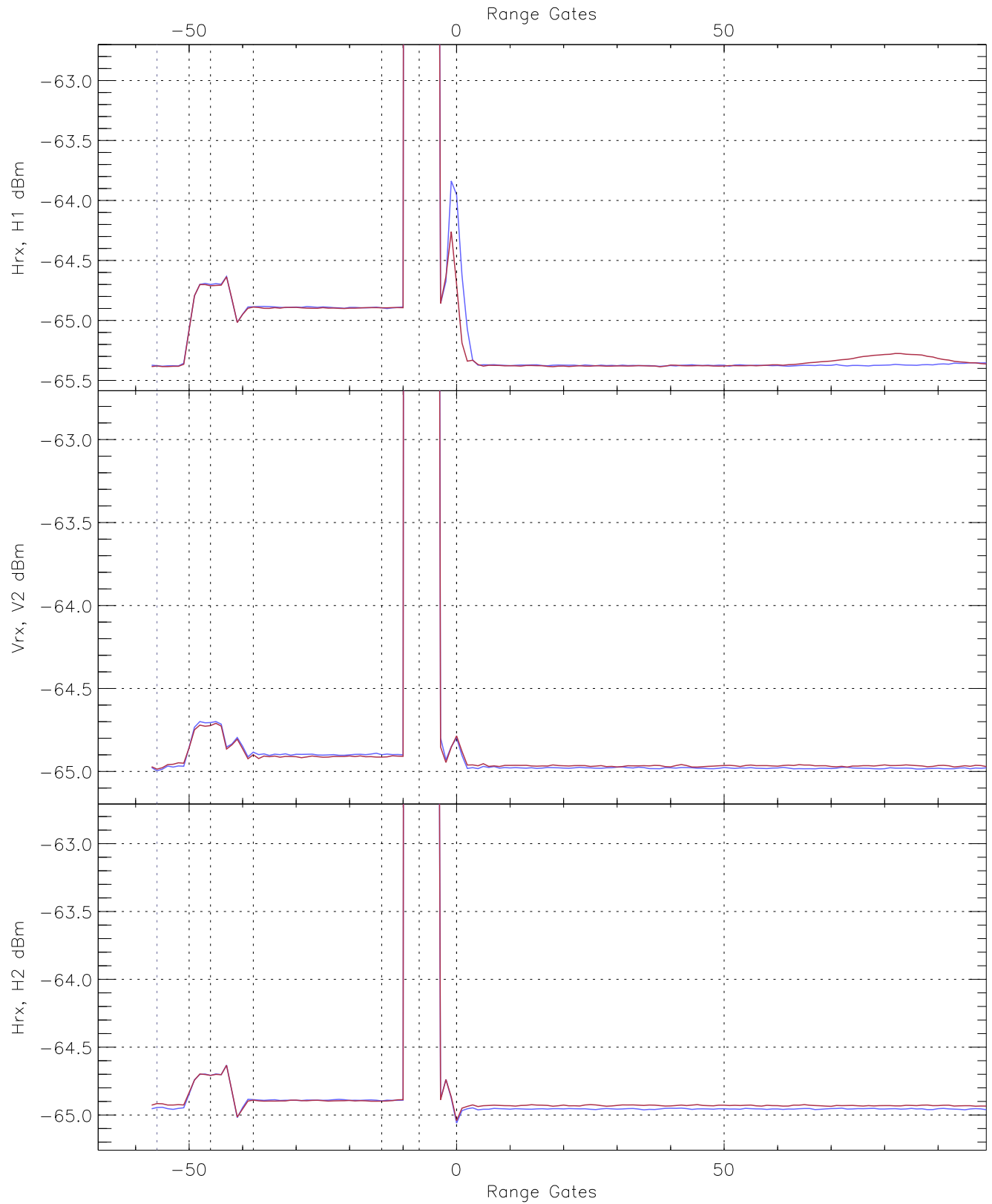
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG38_0 [dBm]	-66.65	-64.17	-65.38	-65.39	-76.86
V2RG206_0 [dBm]	-66.29	-63.73	-64.99	-65.00	-76.43
H2RG131_0 [dBm]	-66.20	-63.76	-64.95	-64.96	-76.45

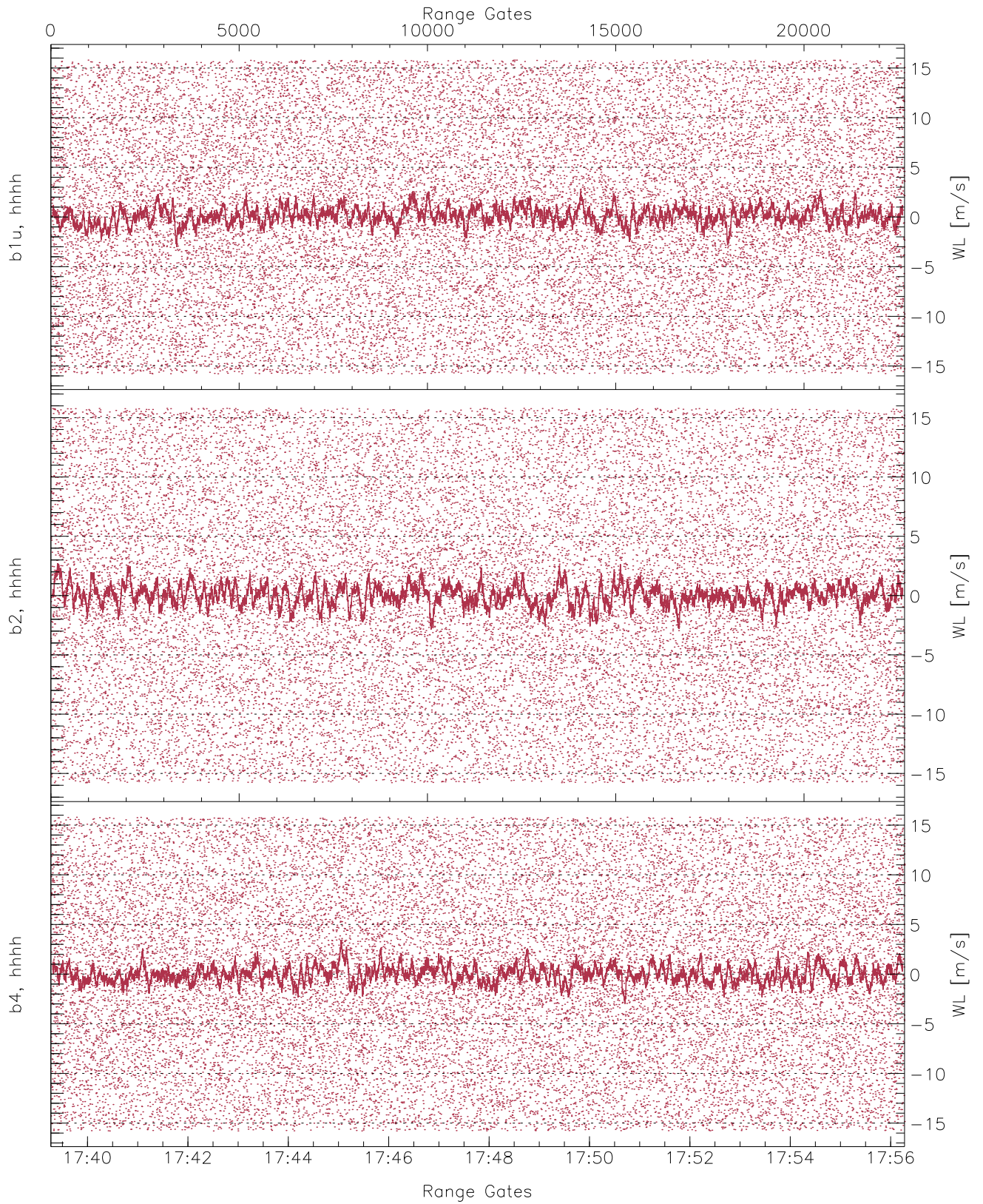


WCR3 CPP Averaged Received power for all recorded gates  
blue: 173916-174746, 11337 profiles averaged  
red: 174746-175617, 11336 profiles averaged

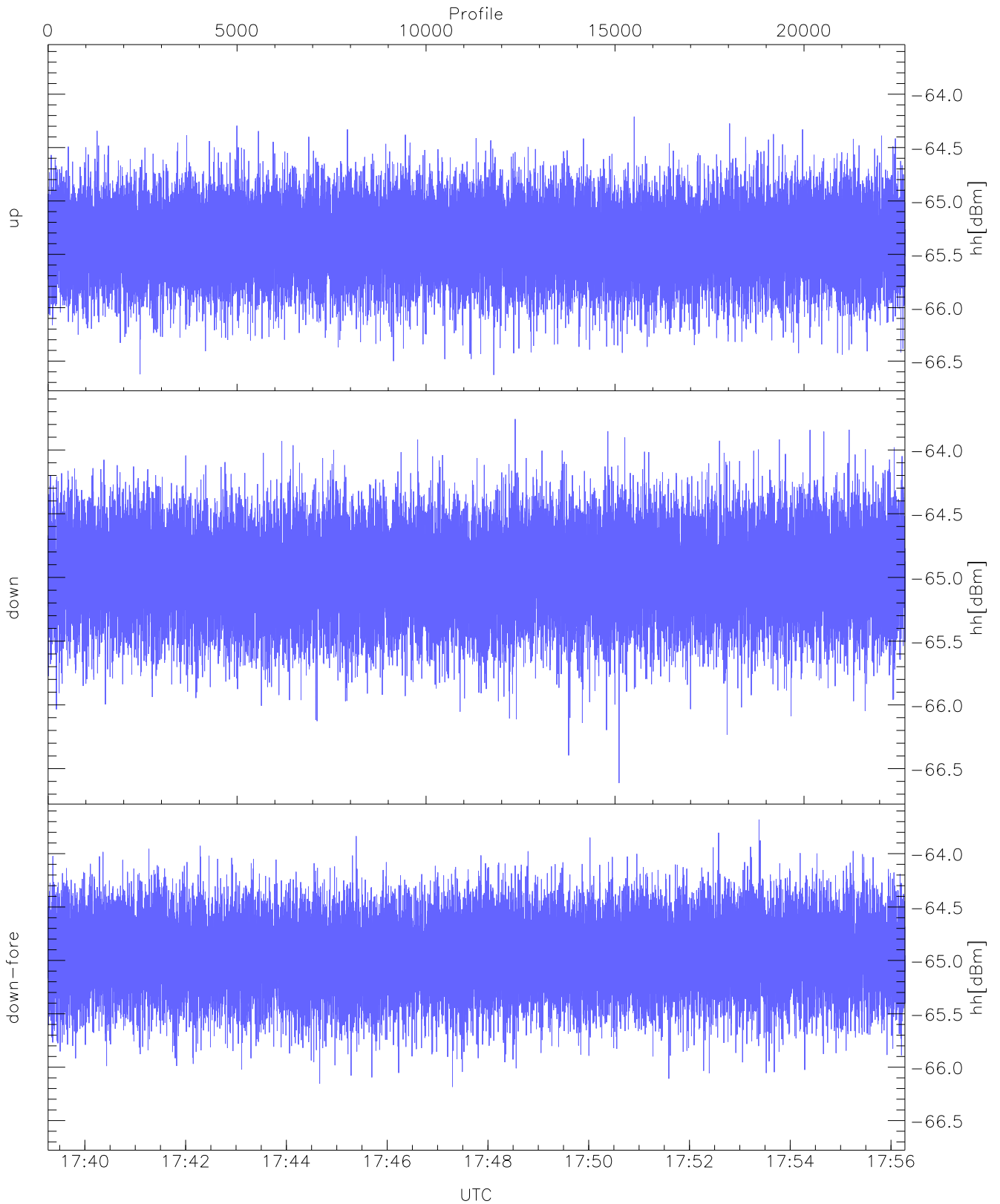




WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 173916-174746, 11337 profiles averaged  
red: 174746-175617, 11336 profiles averaged

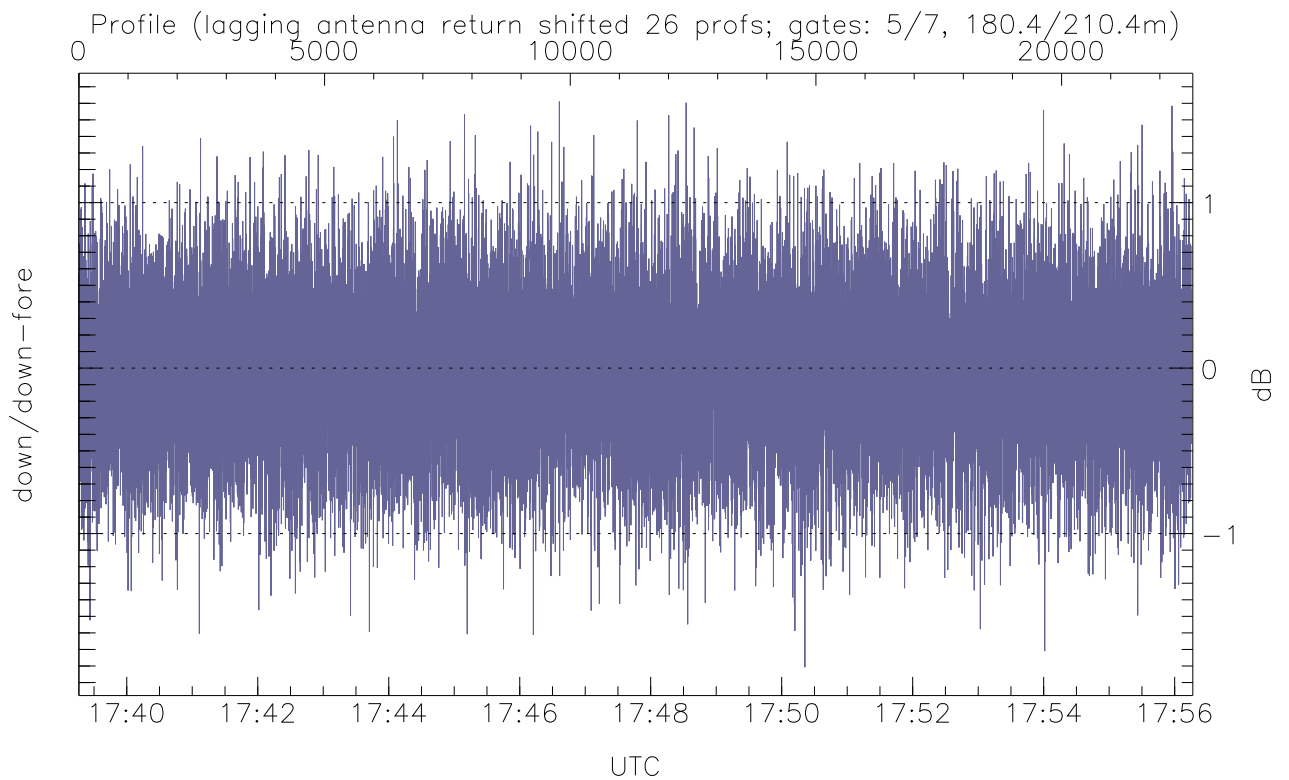
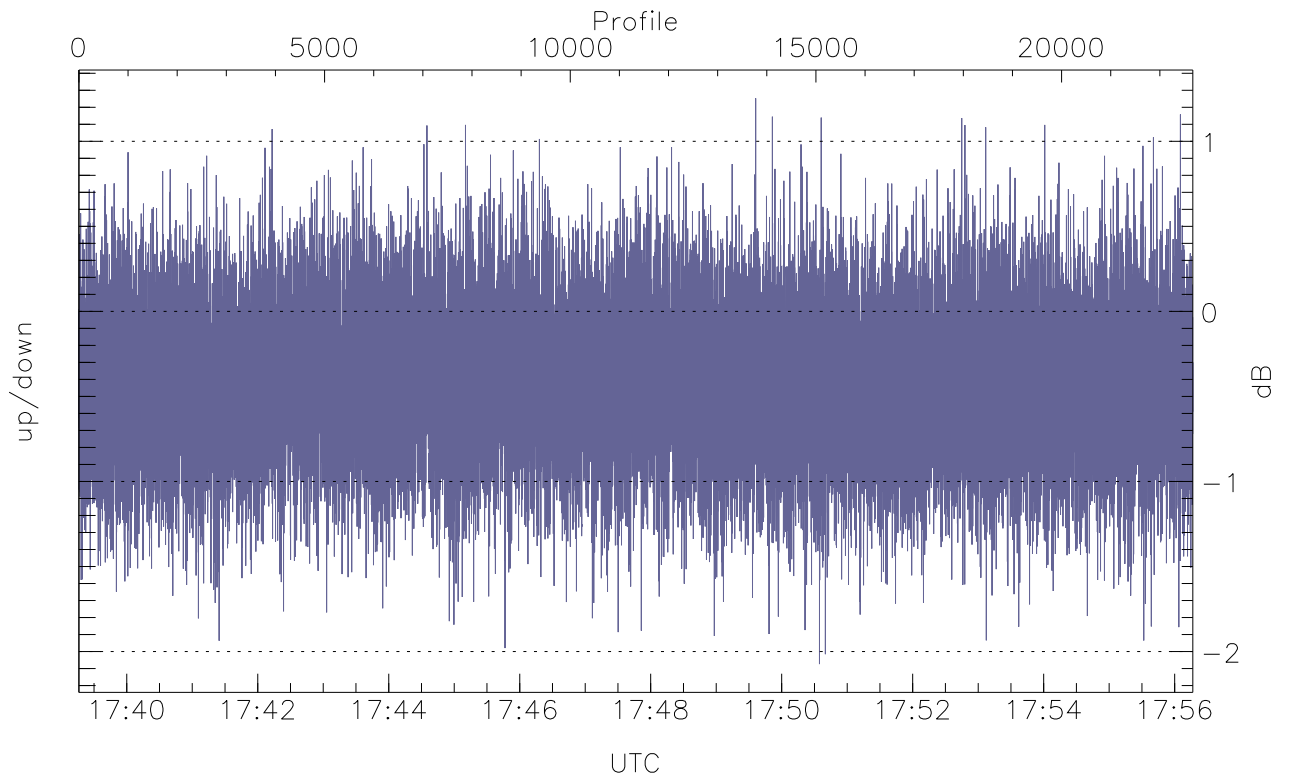


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



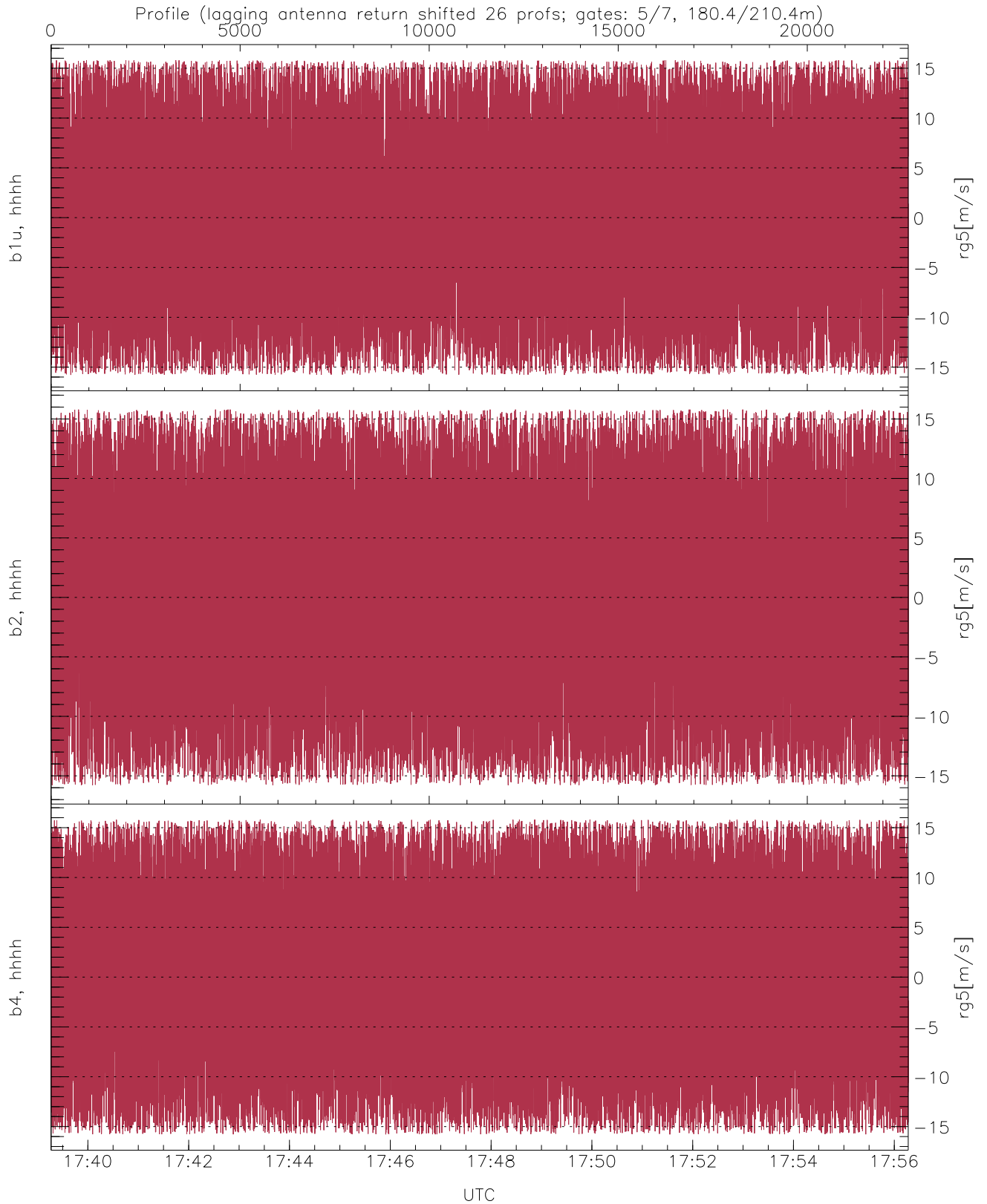
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.63	-64.21	-65.38
down(hh[dBm])	-66.61	-63.76	-64.96
down-fore(hh[dBm])	-66.18	-63.68	-64.94



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

	Min	Max	Mean
up/down (dB)	-2.07	1.25	-0.41
down/down-fore (dB)	-1.81	1.61	-0.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.09	8.76
b2, hhhh(rg5[m/s])	-15.78	15.79	0.02	8.54
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.01	8.77