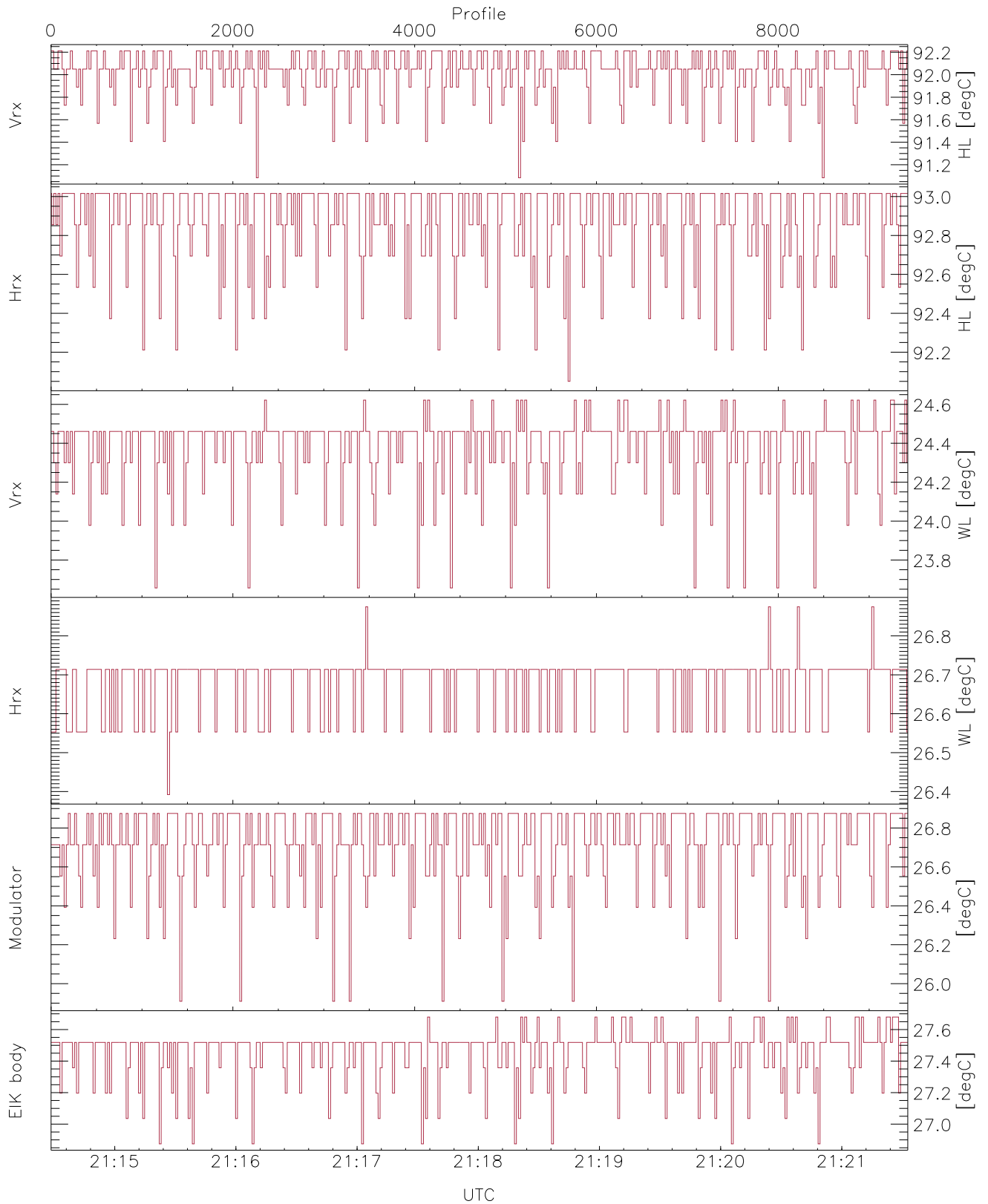


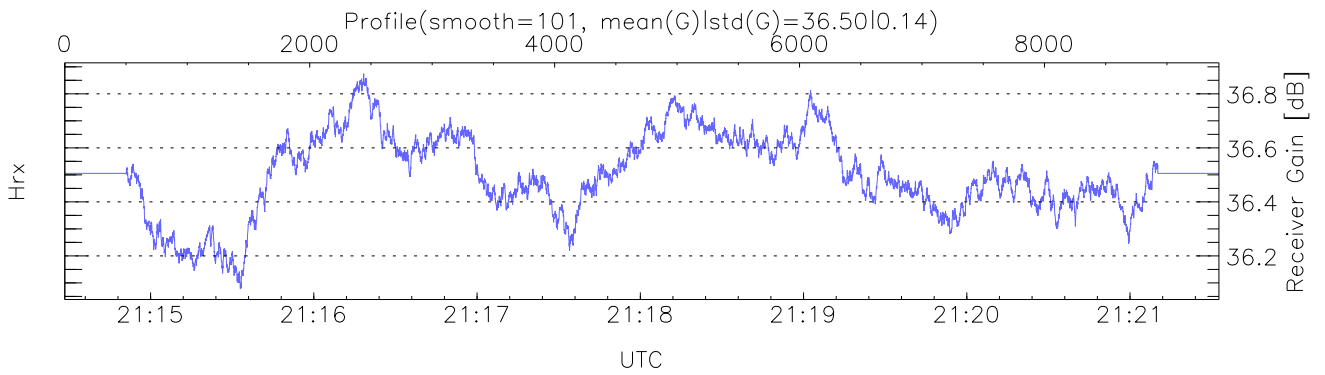
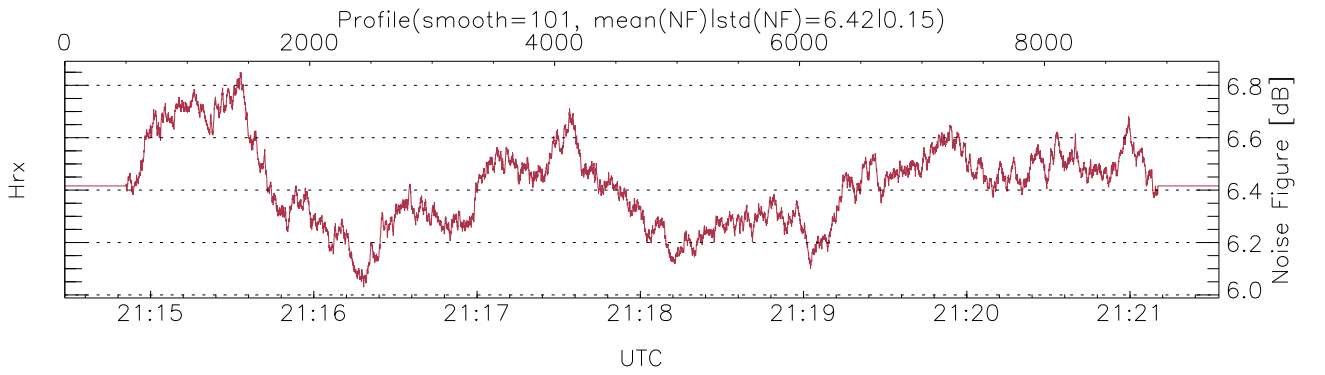
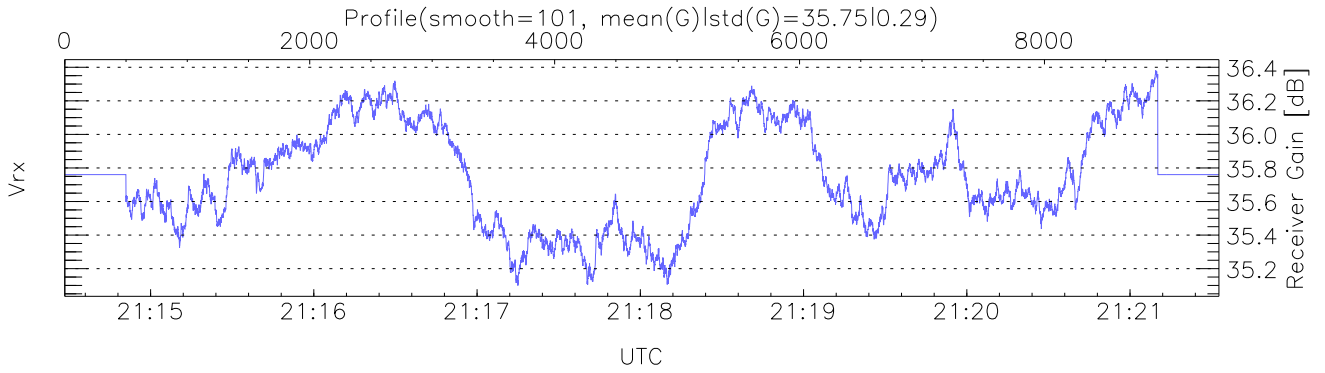
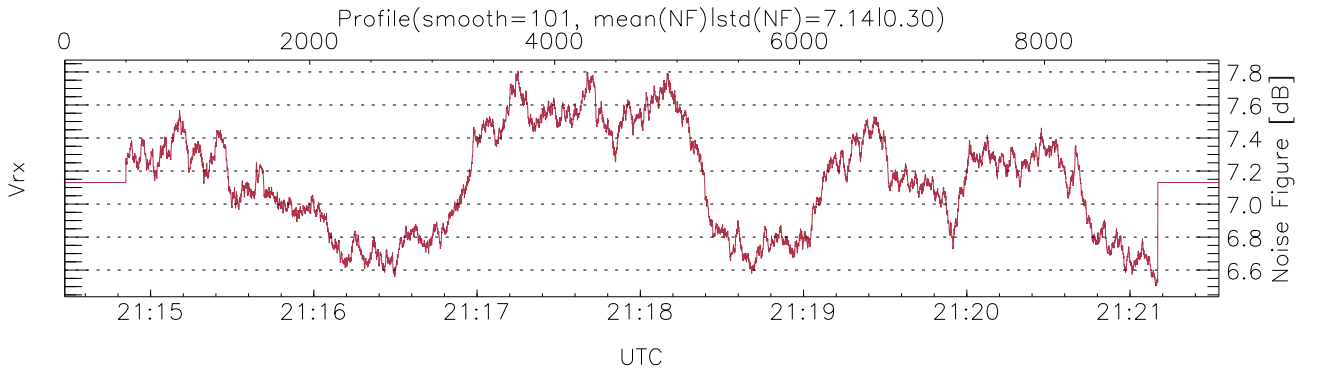
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:14:28-21:21:33, TimeCor: 0.00s, Dur: 424.23s  
 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): 9426/9426, 0-9425/21:14:28-21:21:33  
 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



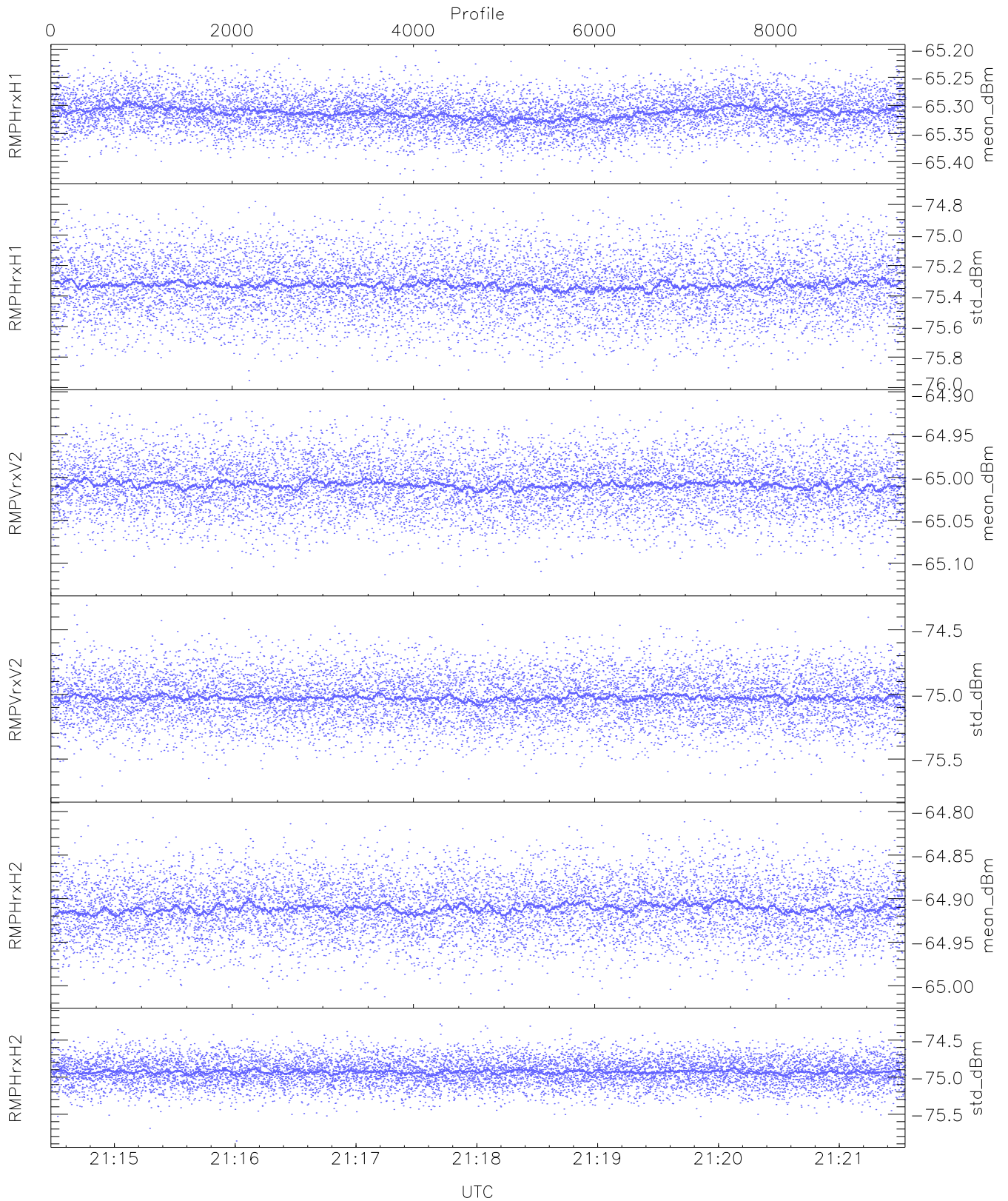
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,26`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27`  
`LOalarm(20,240,2817,14861 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,46,46,46)`



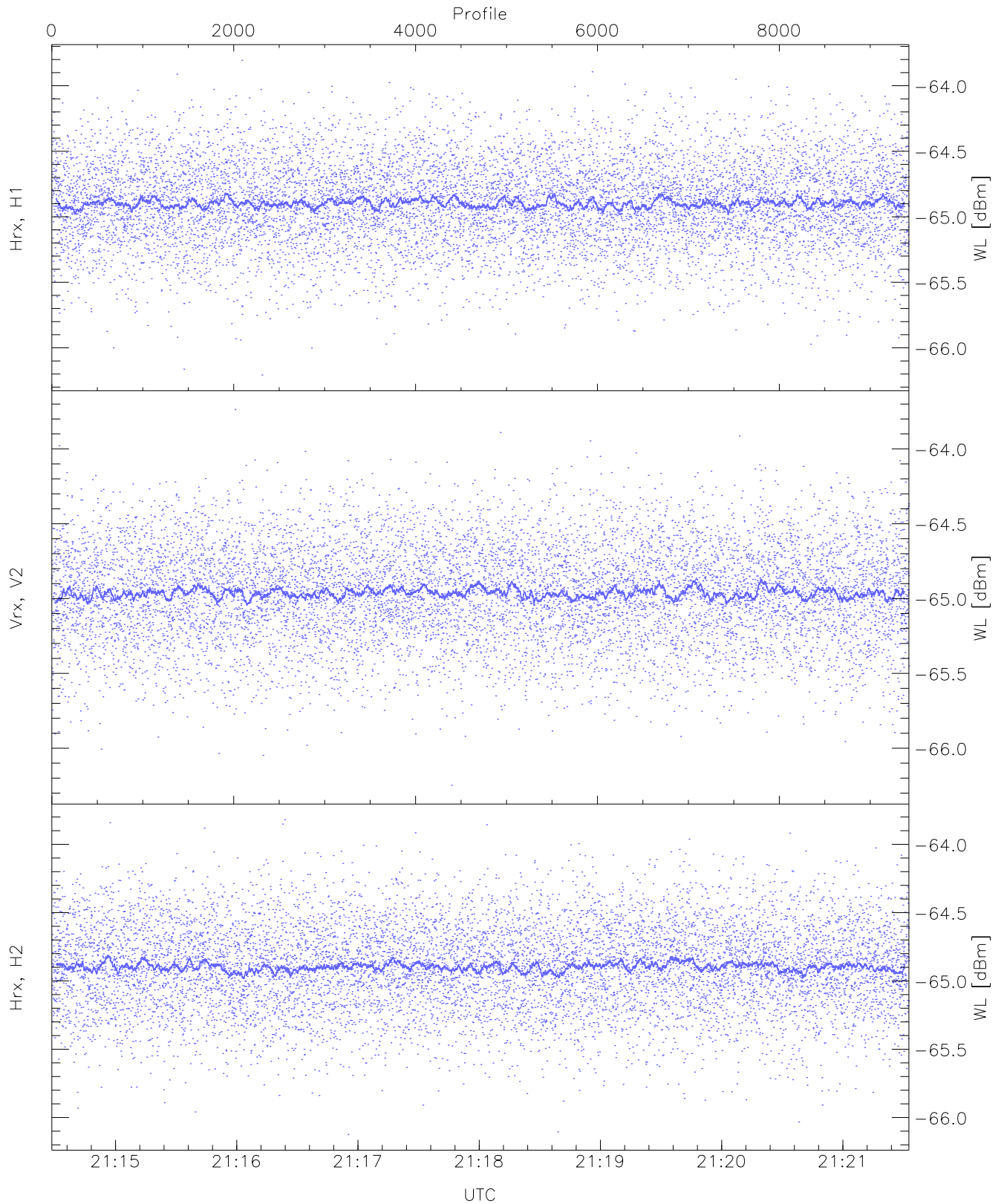
### WCR3 CPP Receivers Gain and Noise Figure

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



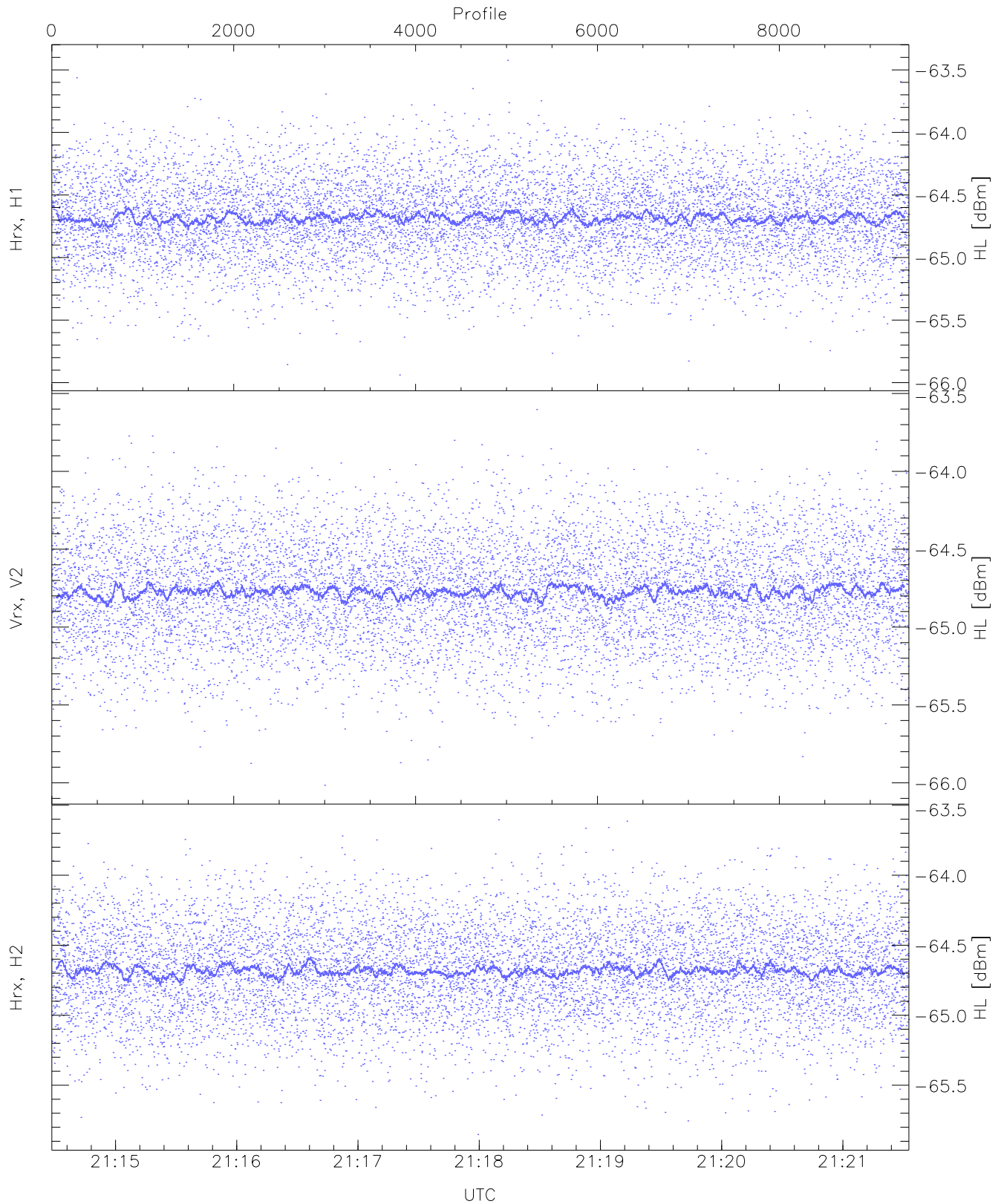
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.20	-65.31	-65.31	-86.80
RMPHrxH1(std_dBm)	-75.95	-74.72	-75.33	-75.33	-89.08
RMPVrxV2(mean_dBm)	-65.13	-64.91	-65.01	-65.01	-86.64
RMPVrxV2(std_dBm)	-75.76	-74.31	-75.02	-75.03	-88.85
RMPHrxH2(mean_dBm)	-65.01	-64.80	-64.91	-64.91	-86.53
RMPHrxH2(std_dBm)	-75.86	-74.15	-74.93	-74.93	-88.77



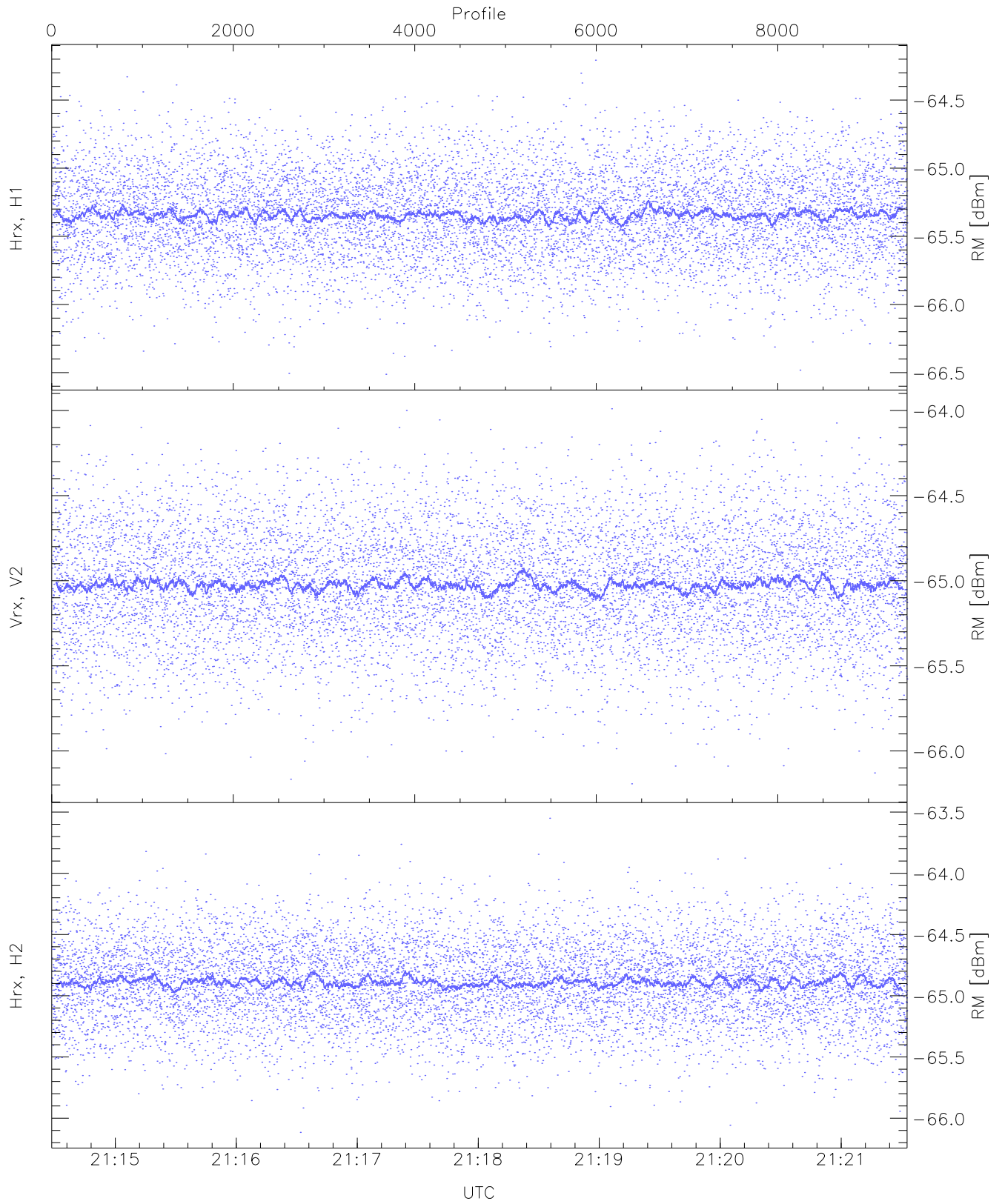
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.21	-63.81	-64.89	-64.90	-76.39
Vrx, V2 (WL [dBm])	-66.25	-63.74	-64.95	-64.96	-76.41
Hrx, H2 (WL [dBm])	-66.12	-63.82	-64.89	-64.89	-76.42



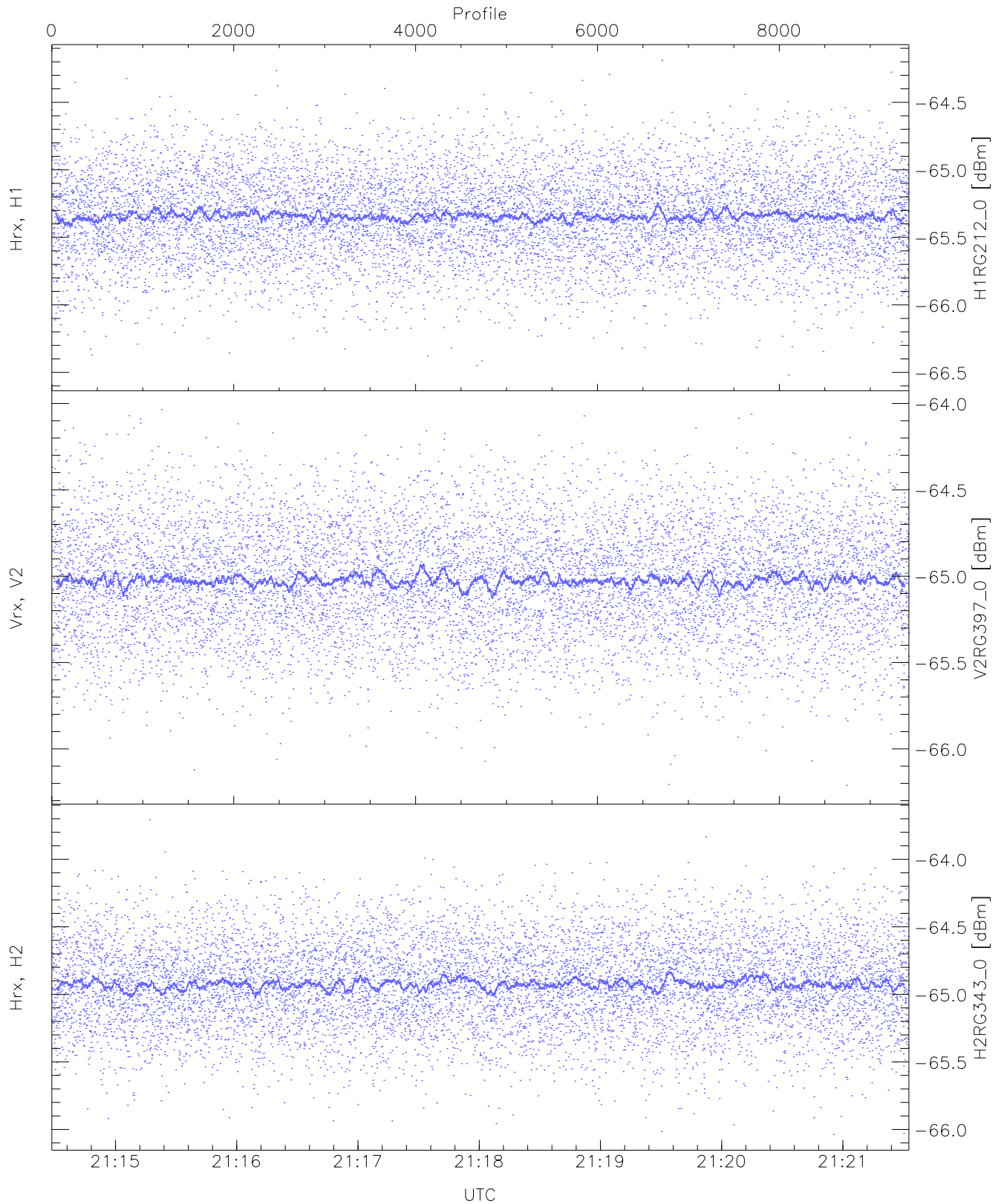
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.94	-63.42	-64.68	-64.68	-76.18
Vrx, V2 (HL [dBm])	-66.02	-63.60	-64.77	-64.77	-76.26
Hrx, H2 (HL [dBm])	-65.85	-63.60	-64.67	-64.68	-76.19



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

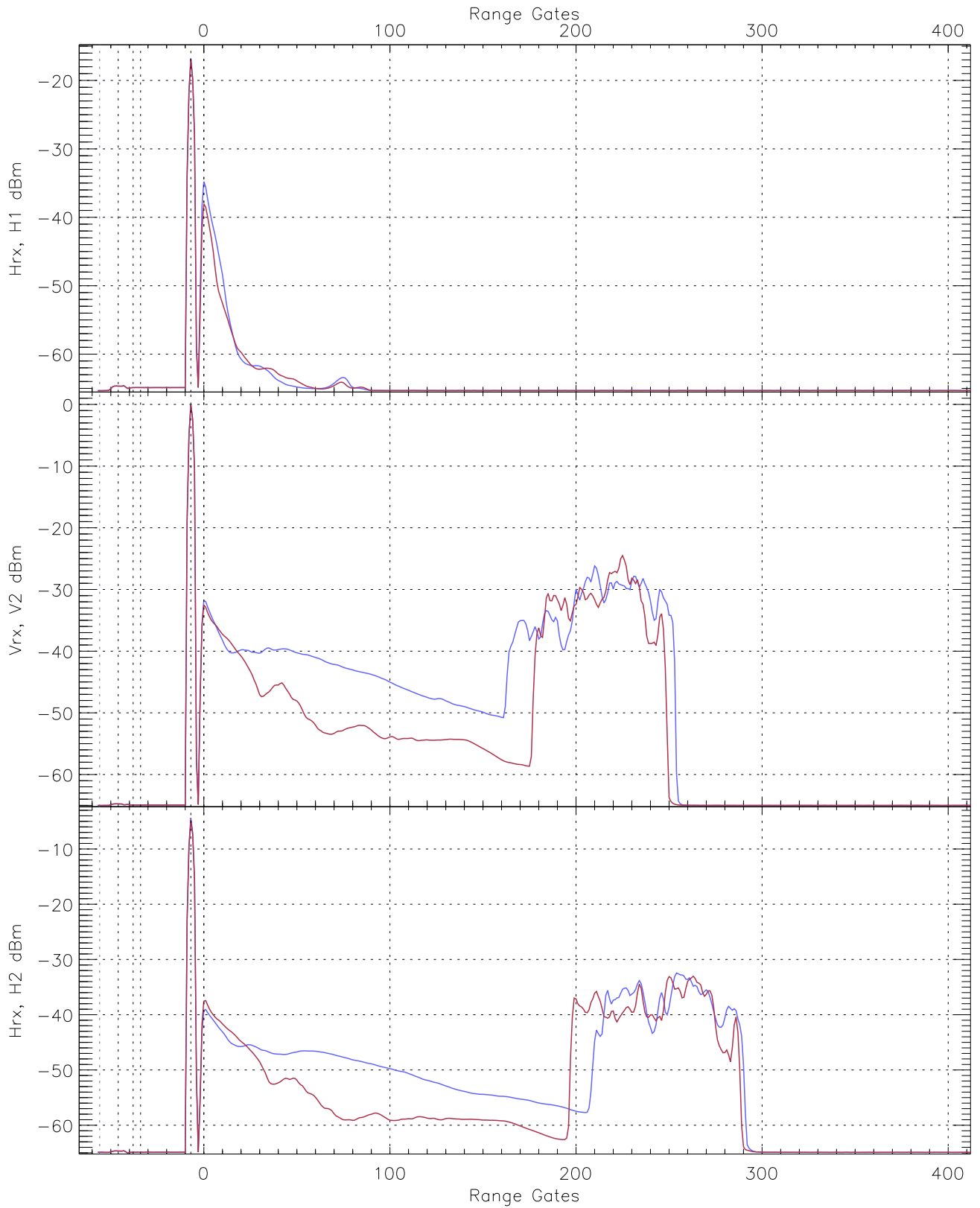
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.51	-64.21	-65.34	-65.34	-76.88
Vrx, V2 (RM [dBm])	-66.19	-63.99	-65.02	-65.02	-76.49
Hrx, H2 (RM [dBm])	-66.12	-63.55	-64.88	-64.89	-76.37



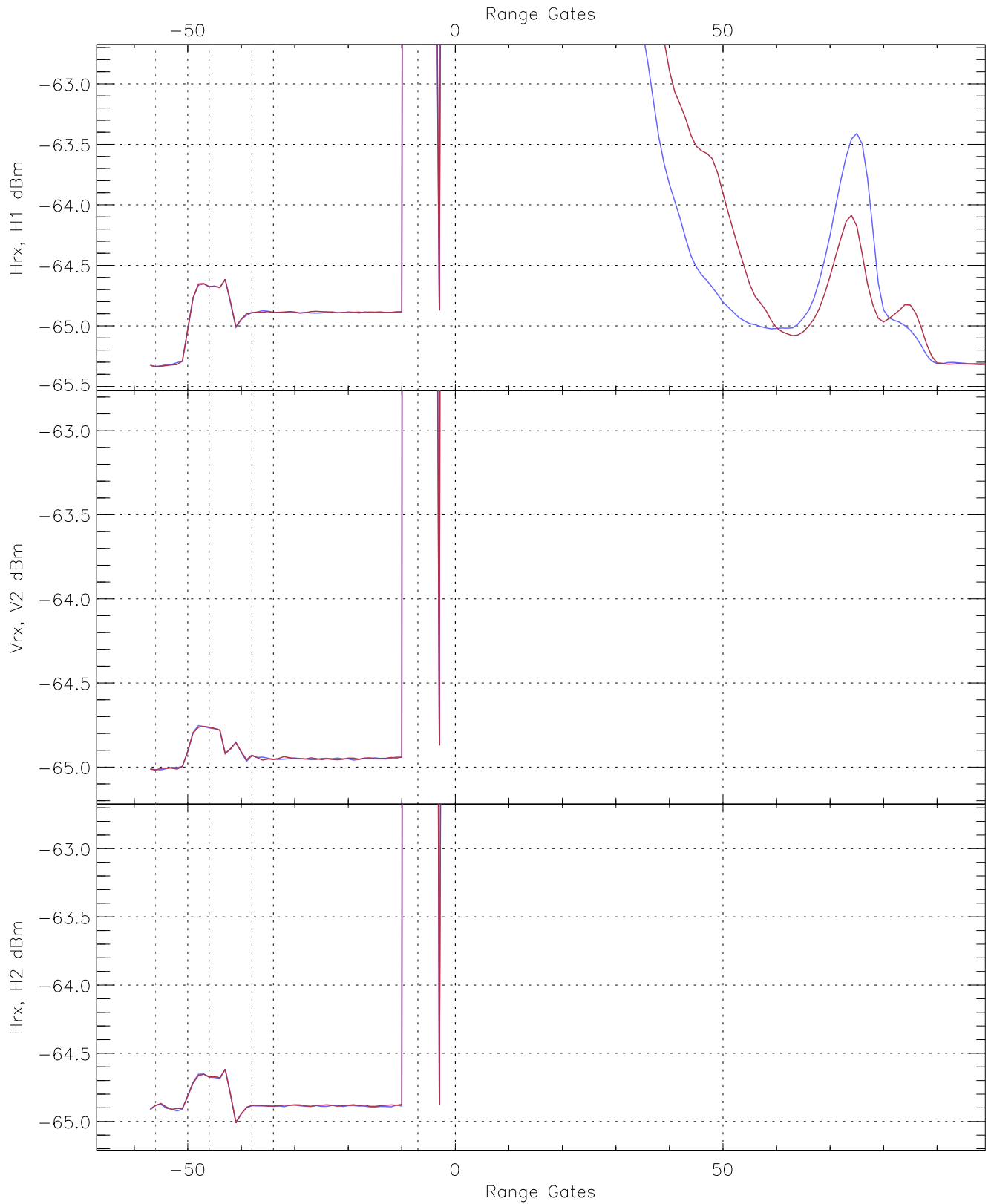
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG212_0 [dBm]	-66.52	-64.19	-65.34	-65.34	-76.87
V2RG397_0 [dBm]	-66.21	-64.04	-65.02	-65.03	-76.57
H2RG343_0 [dBm]	-66.04	-63.71	-64.92	-64.93	-76.46

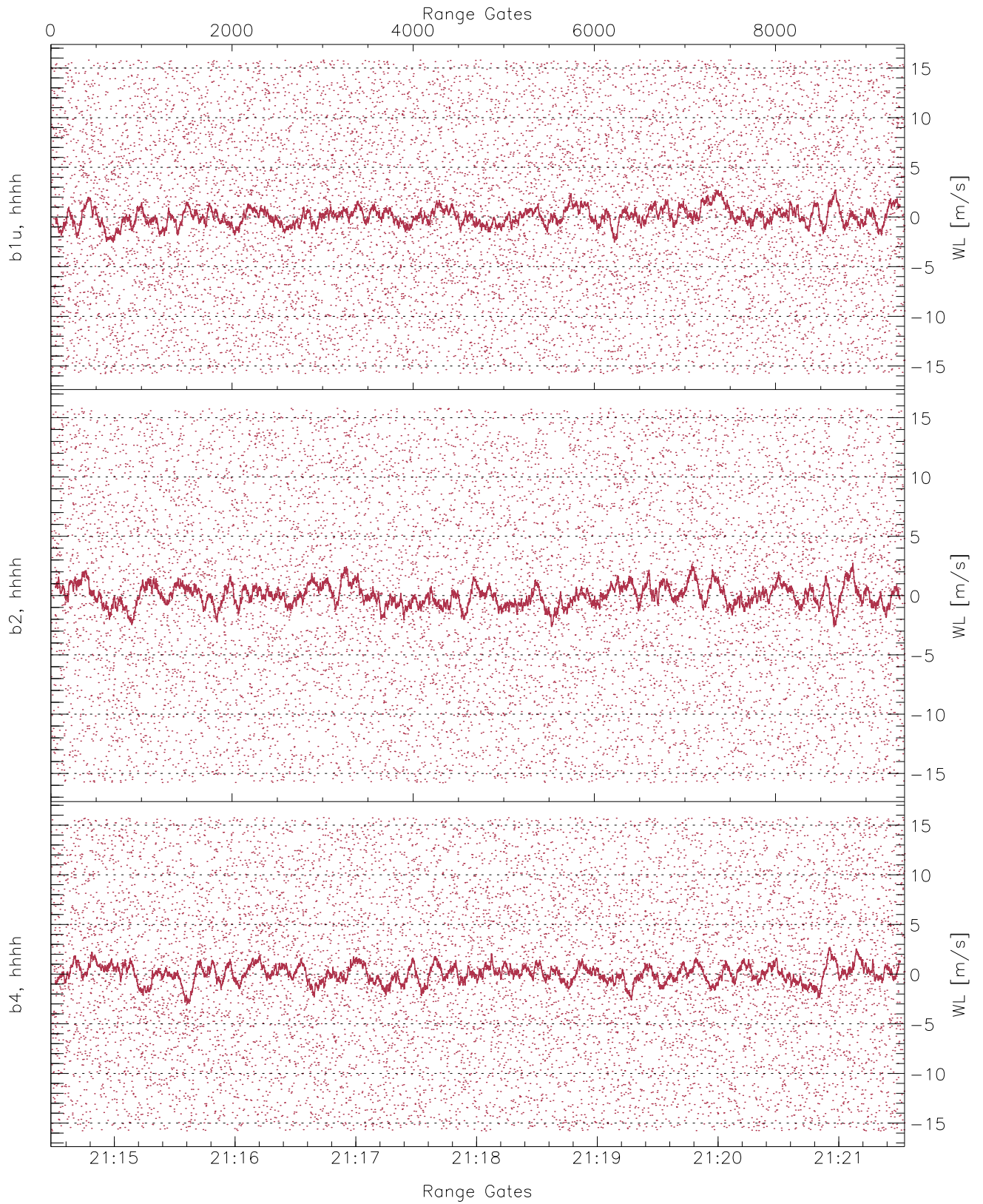




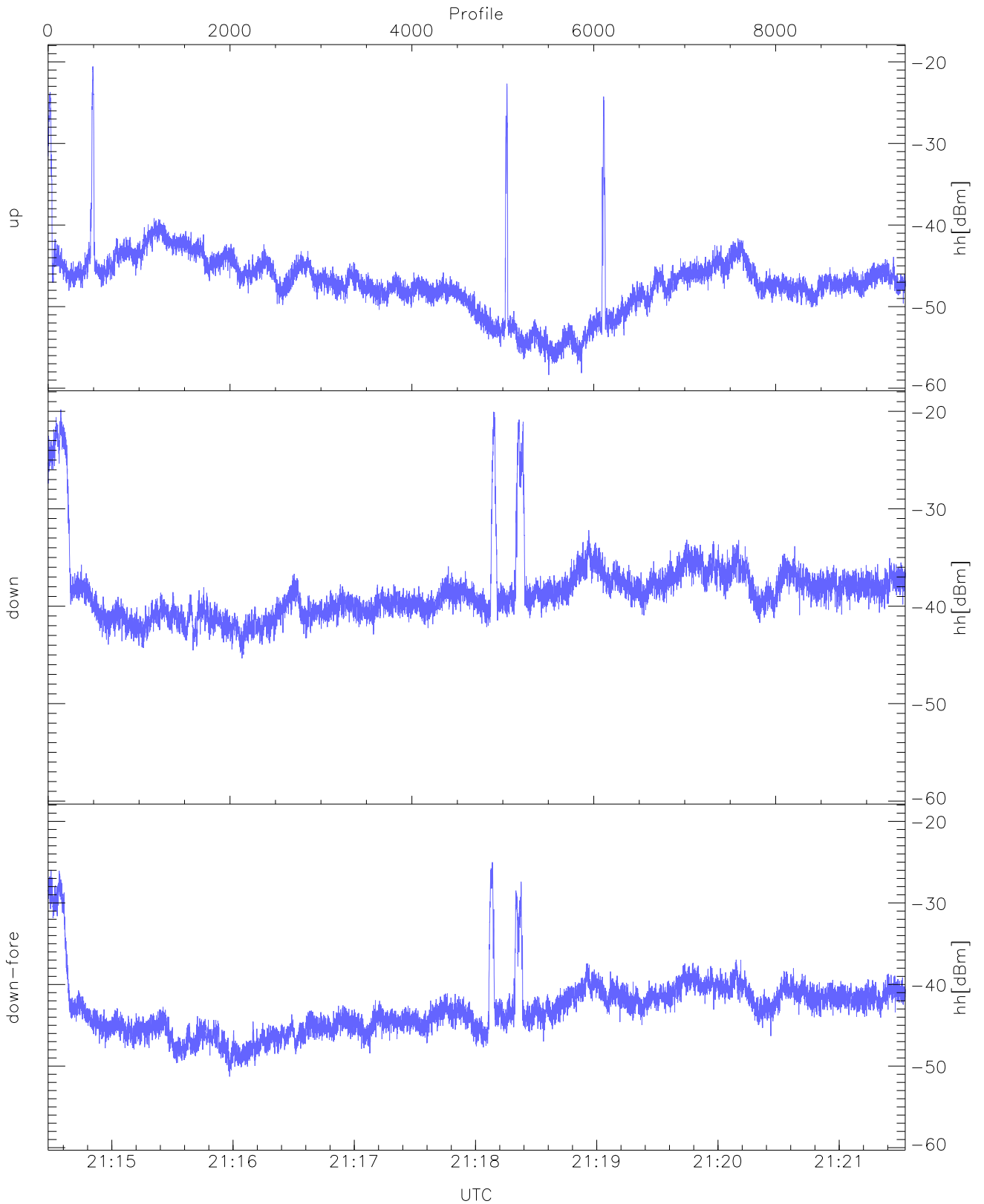
WCR3 CPP Averaged Received power for all recorded gates  
blue: 211428-211801, 4714 profiles averaged  
red: 211801-212133, 4713 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 211428-211801, 4714 profiles averaged  
red: 211801-212133, 4713 profiles averaged

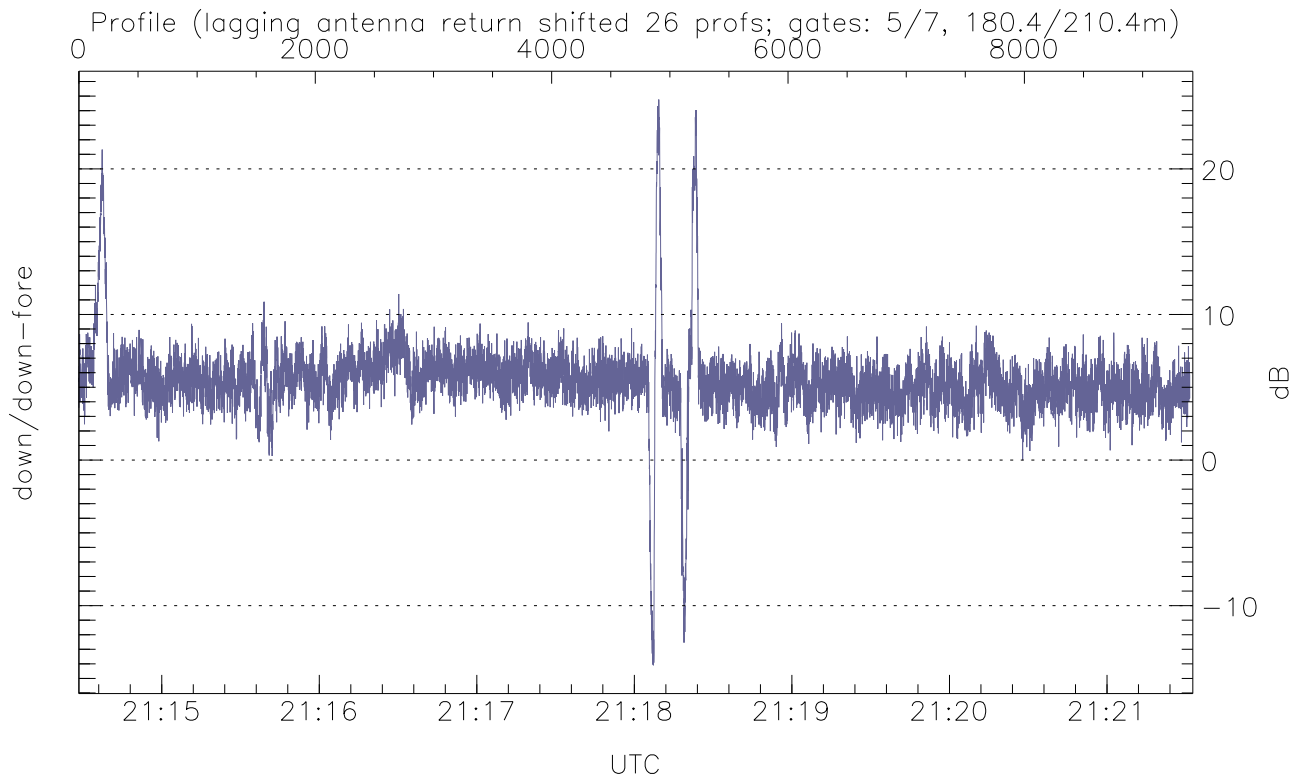
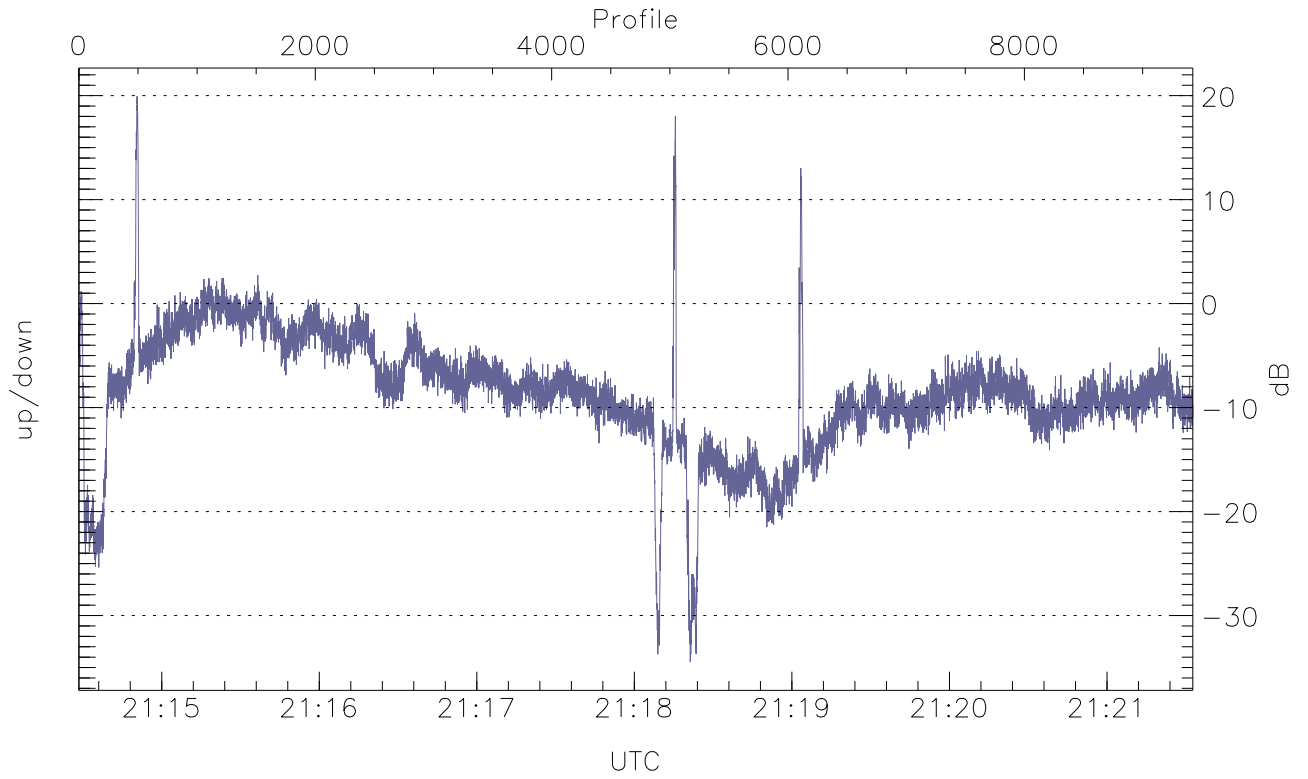


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



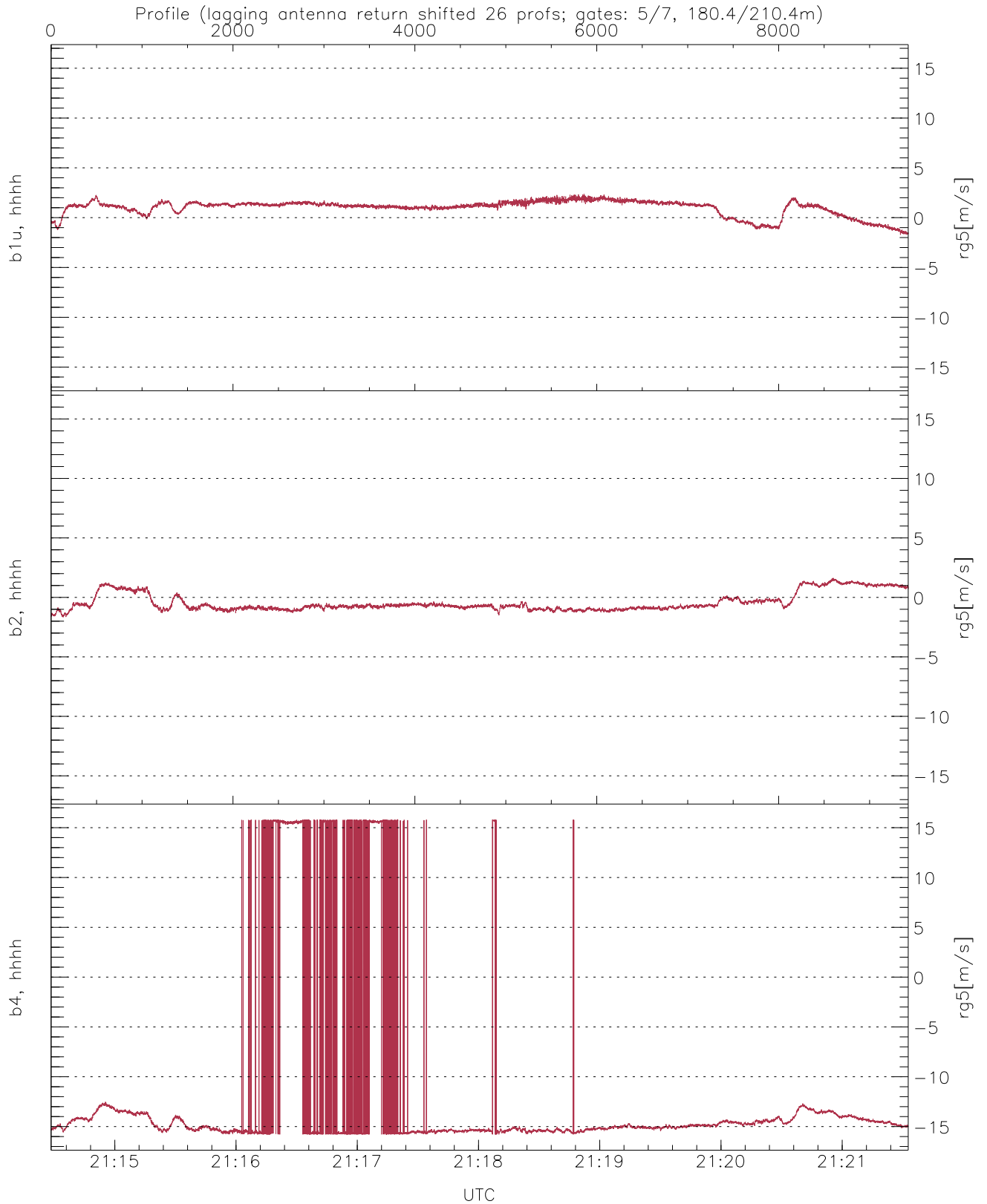
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-58.38	-20.56	-42.81
down(hh[dBm])	-45.36	-19.81	-35.18
down-fore(hh[dBm])	-51.28	-25.02	-40.44



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

	Min	Max	Mean
up/down (dB)	-34.47	19.93	-8.66
down/down-fore (dB)	-14.10	24.77	5.46



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.71	2.39	0.98	0.80
b2, hhhh(rg5[m/s])	-1.66	1.63	-0.43	0.76
b4, hhhh(rg5[m/s])	-15.79	15.79	-11.74	9.28