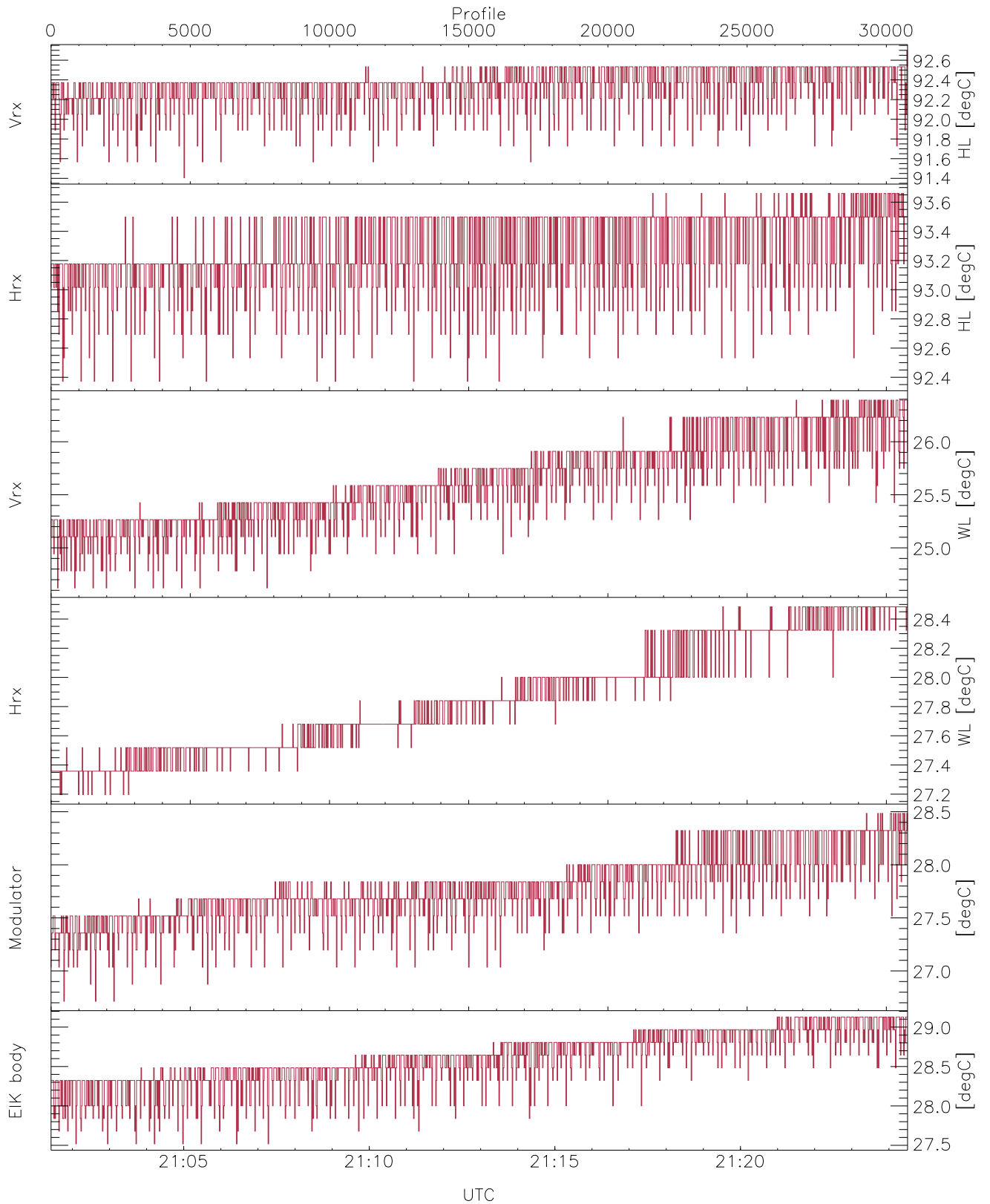


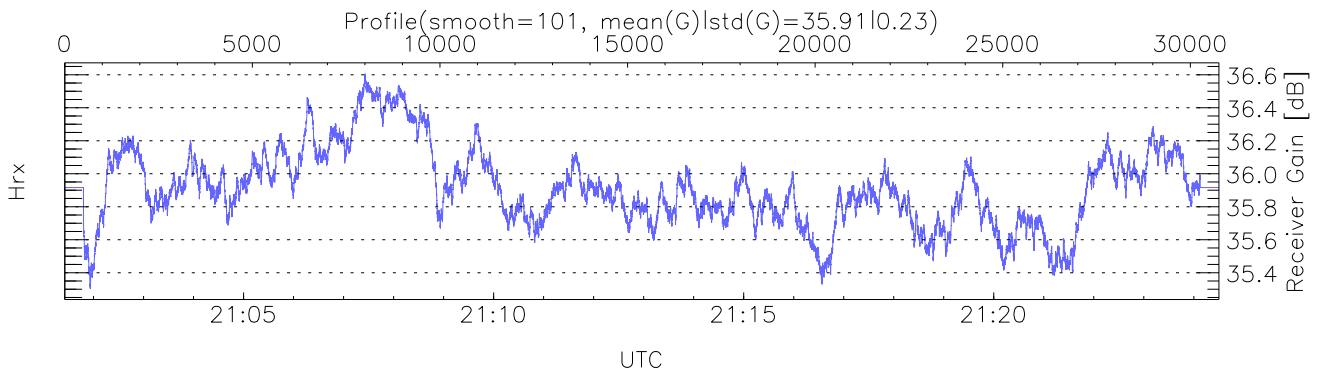
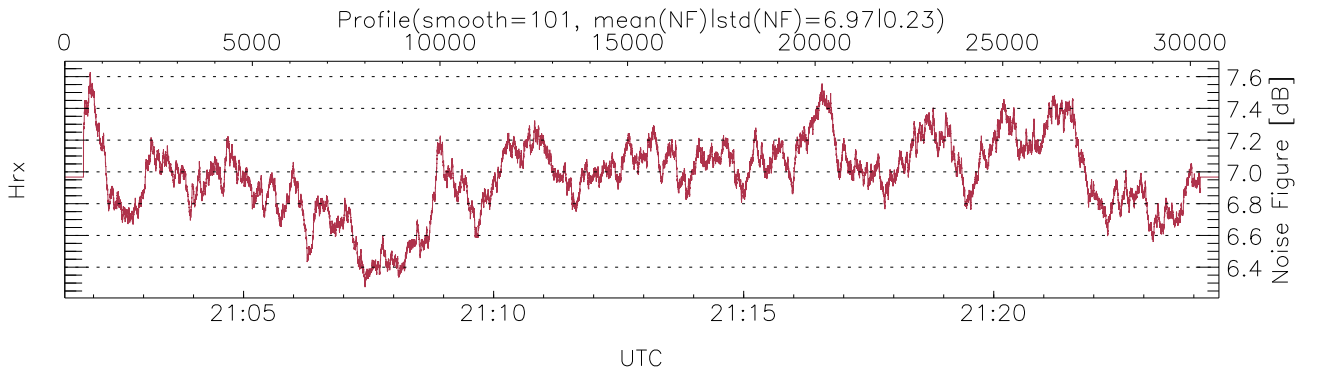
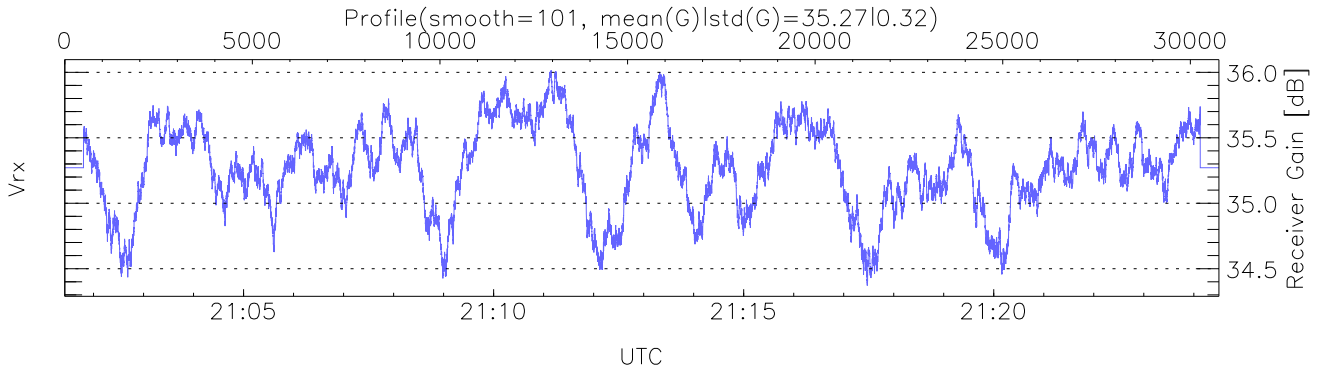
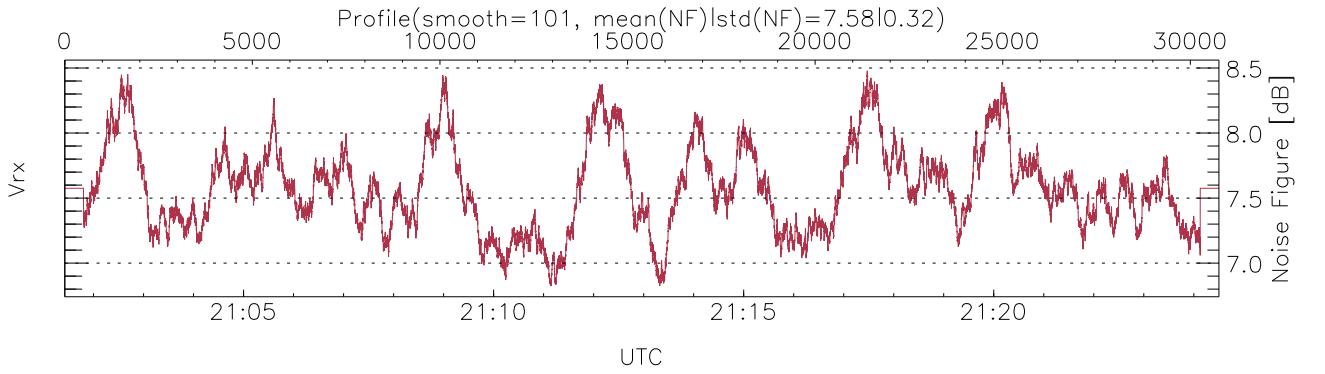
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:01:26-21:24:30, TimeCor: 0.00s, Dur: 1384.68s  
 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): 30764/30764, 0-30763/21:01:26-21:24:30  
 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,x = no mirror|sidelup|error): 1



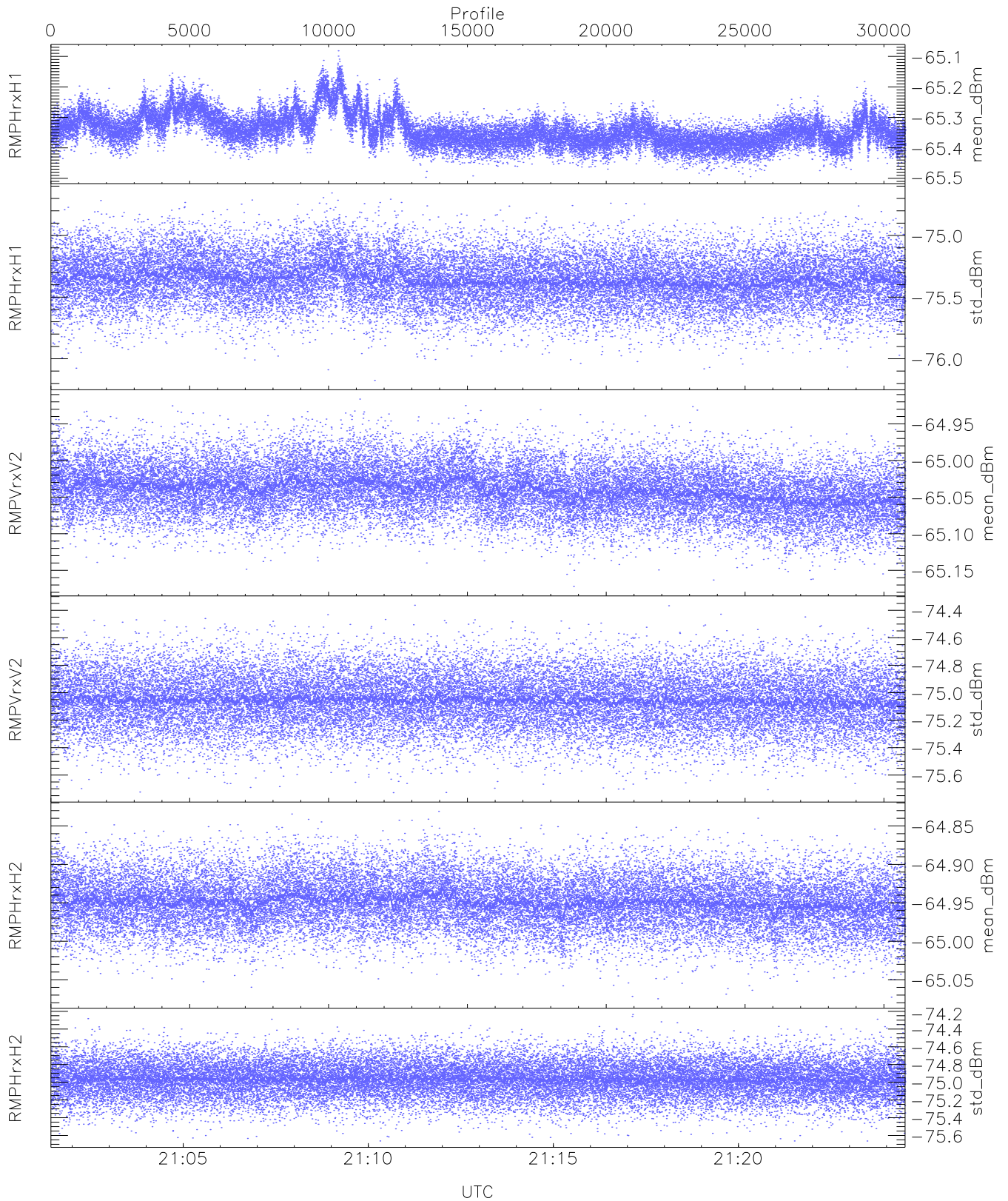
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,26,27`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29`  
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`  
`EIK/Modulator Faults: None`



### WCR3 CPP Receivers Gain and Noise Figure

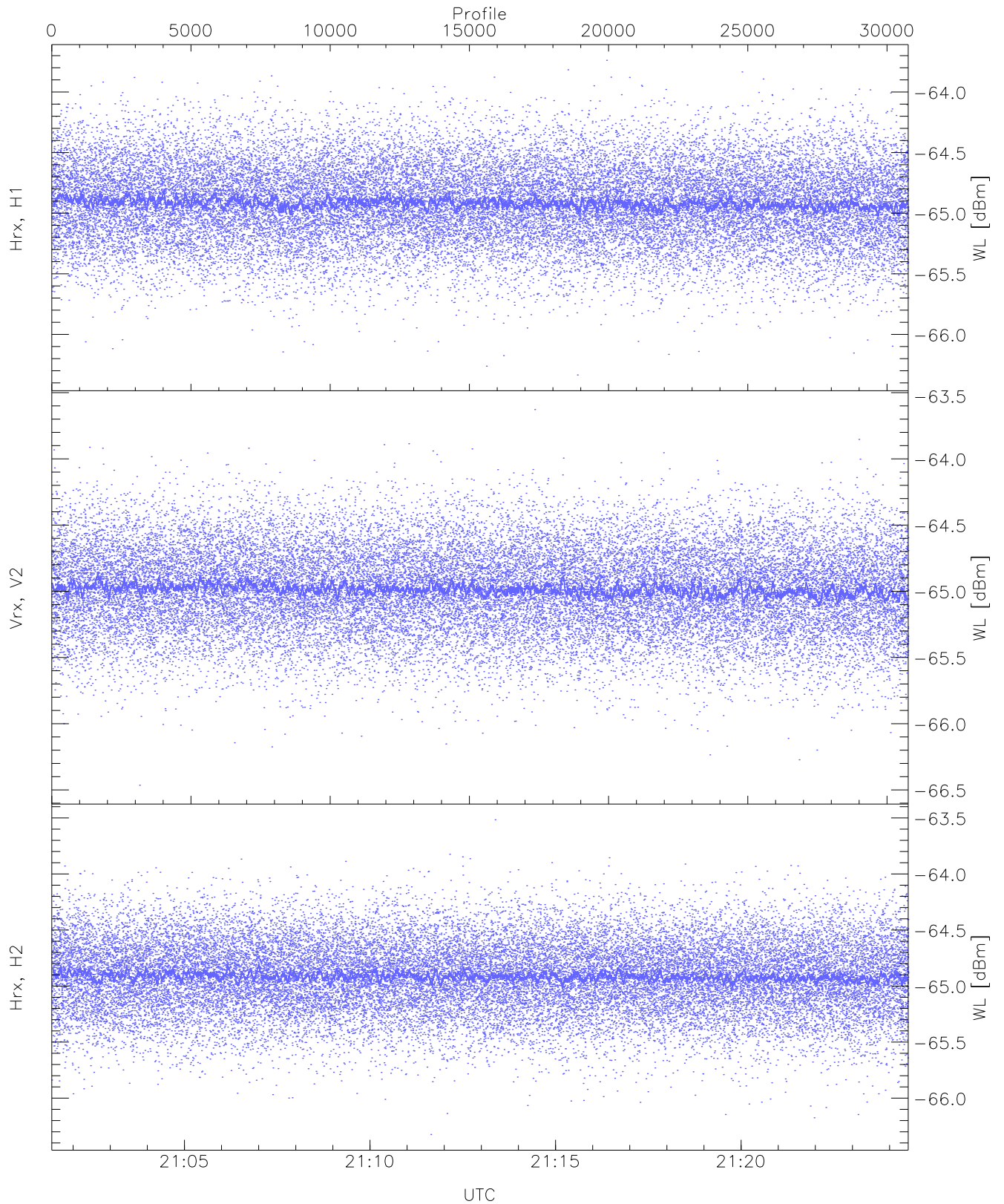
Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



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

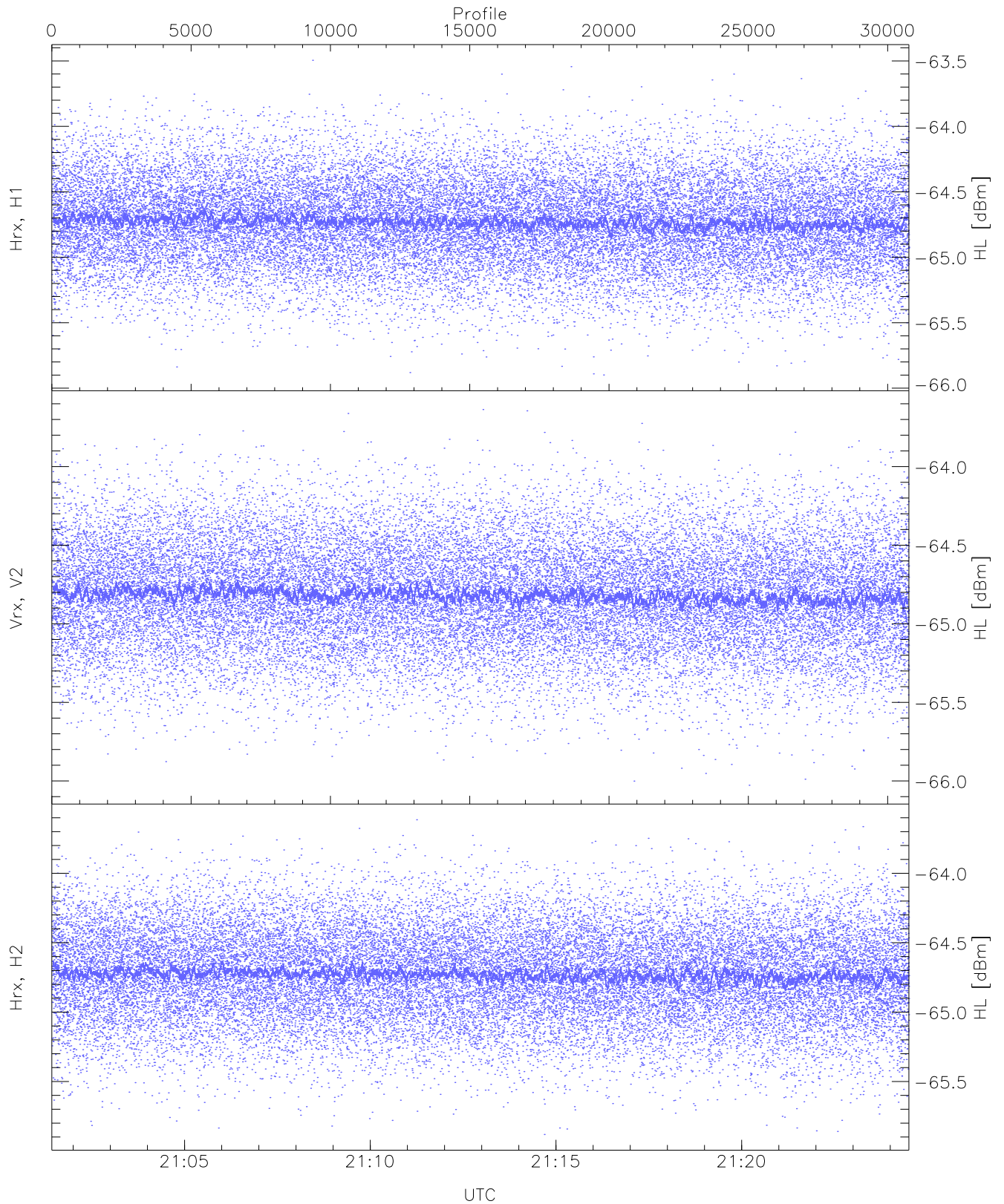
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.08	-65.34	-65.35	-84.56
RMPHrxH1(std_dBm)	-76.18	-74.66	-75.35	-75.36	-89.02
RMPVrxV2(mean_dBm)	-65.17	-64.92	-65.04	-65.04	-86.38
RMPVrxV2(std_dBm)	-75.73	-74.36	-75.06	-75.06	-88.85
RMPHrxH2(mean_dBm)	-65.07	-64.83	-64.95	-64.95	-86.47
RMPHrxH2(std_dBm)	-75.66	-74.24	-74.96	-74.97	-88.76





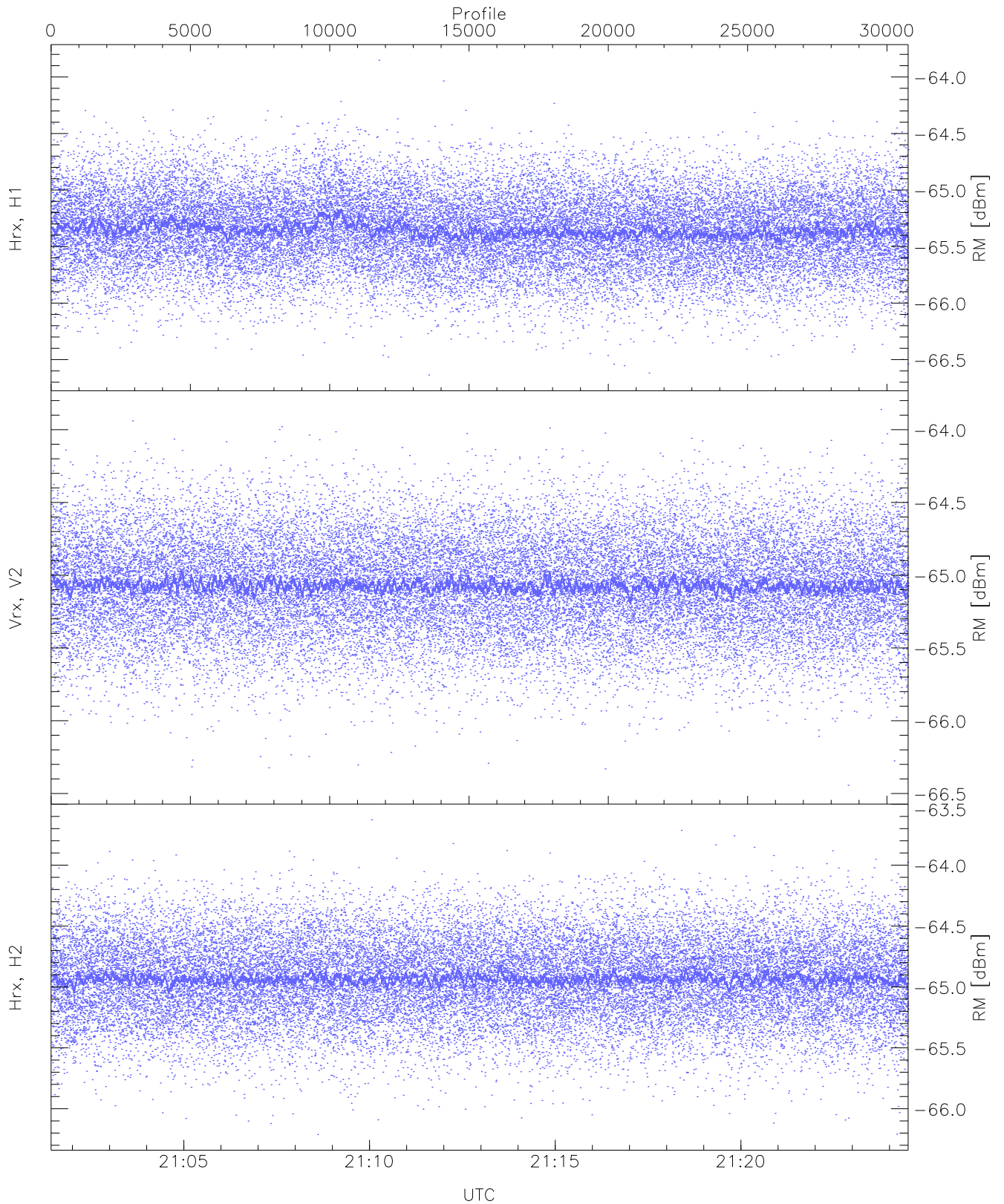
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.34	-63.74	-64.91	-64.92	-76.38
Vrx, V2 (WL [dBm])	-66.46	-63.63	-64.98	-64.98	-76.48
Hrx, H2 (WL [dBm])	-66.32	-63.52	-64.91	-64.91	-76.40



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

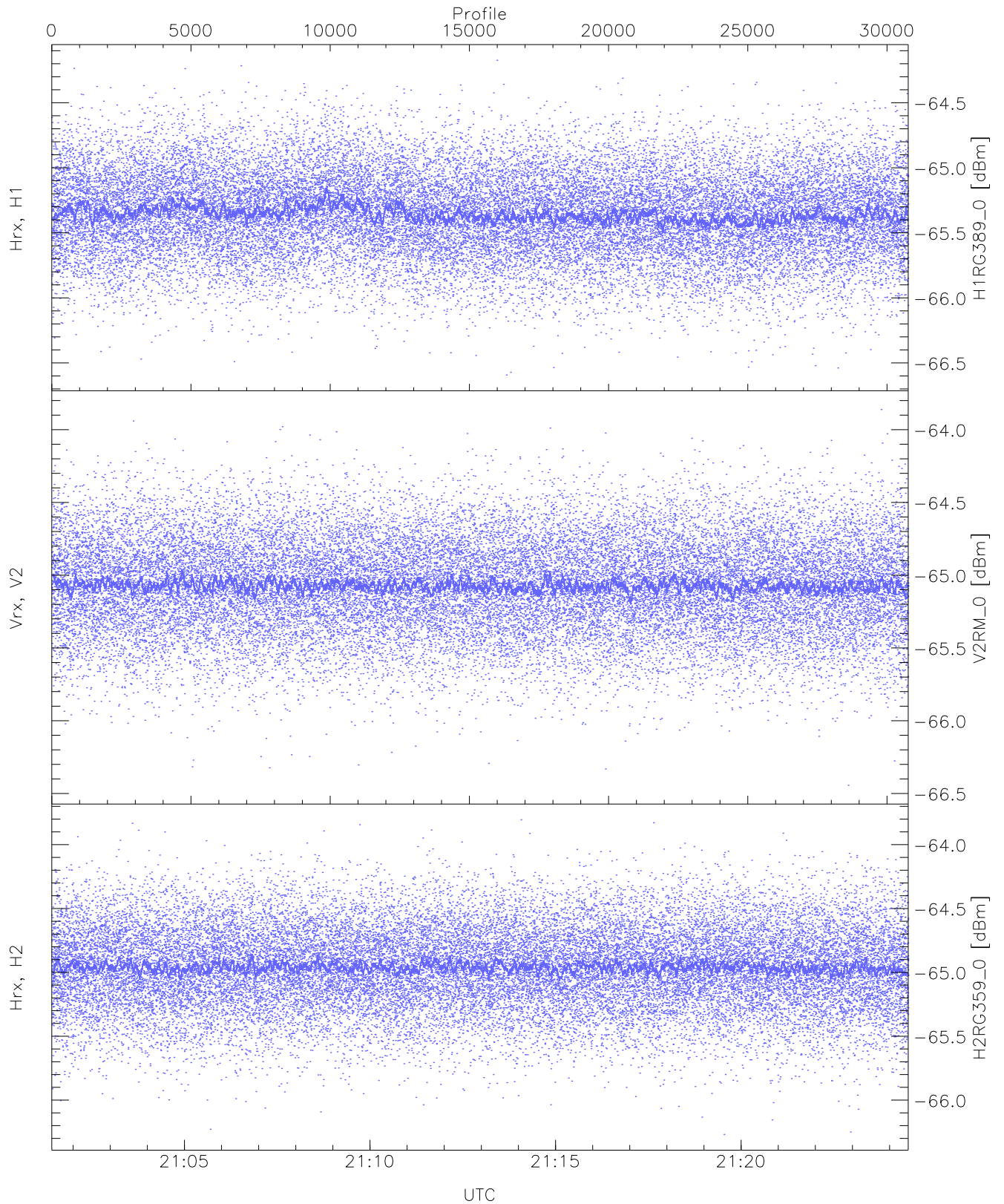
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.90	-63.50	-64.72	-64.73	-76.23
Vrx, V2 (HL [dBm])	-66.03	-63.64	-64.81	-64.82	-76.30
Hrx, H2 (HL [dBm])	-65.88	-63.61	-64.72	-64.73	-76.22



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

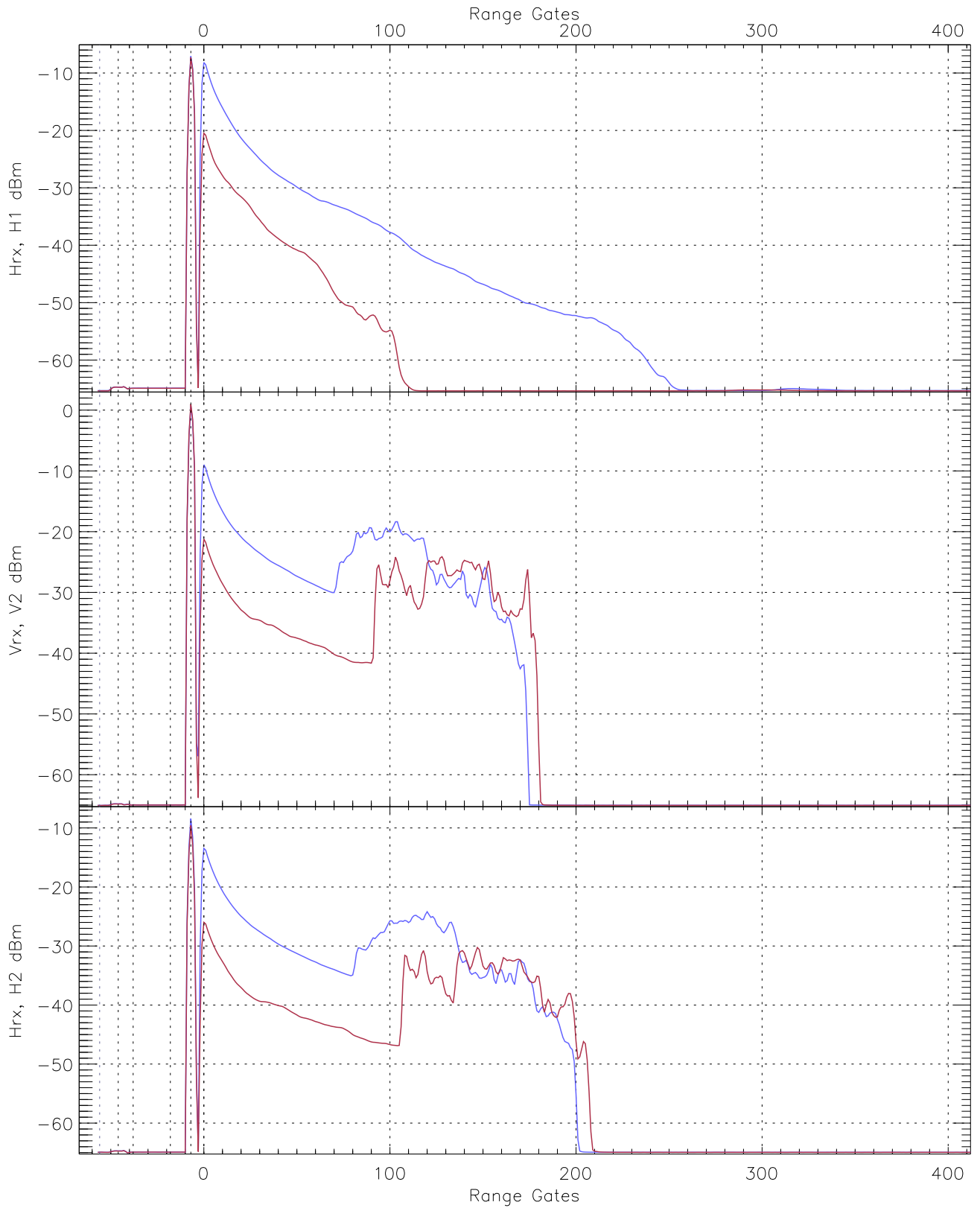
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.64	-63.85	-65.35	-65.35	-76.81
Vrx, V2 (RM [dBm])	-66.44	-63.86	-65.06	-65.07	-76.56
Hrx, H2 (RM [dBm])	-66.21	-63.63	-64.93	-64.93	-76.42





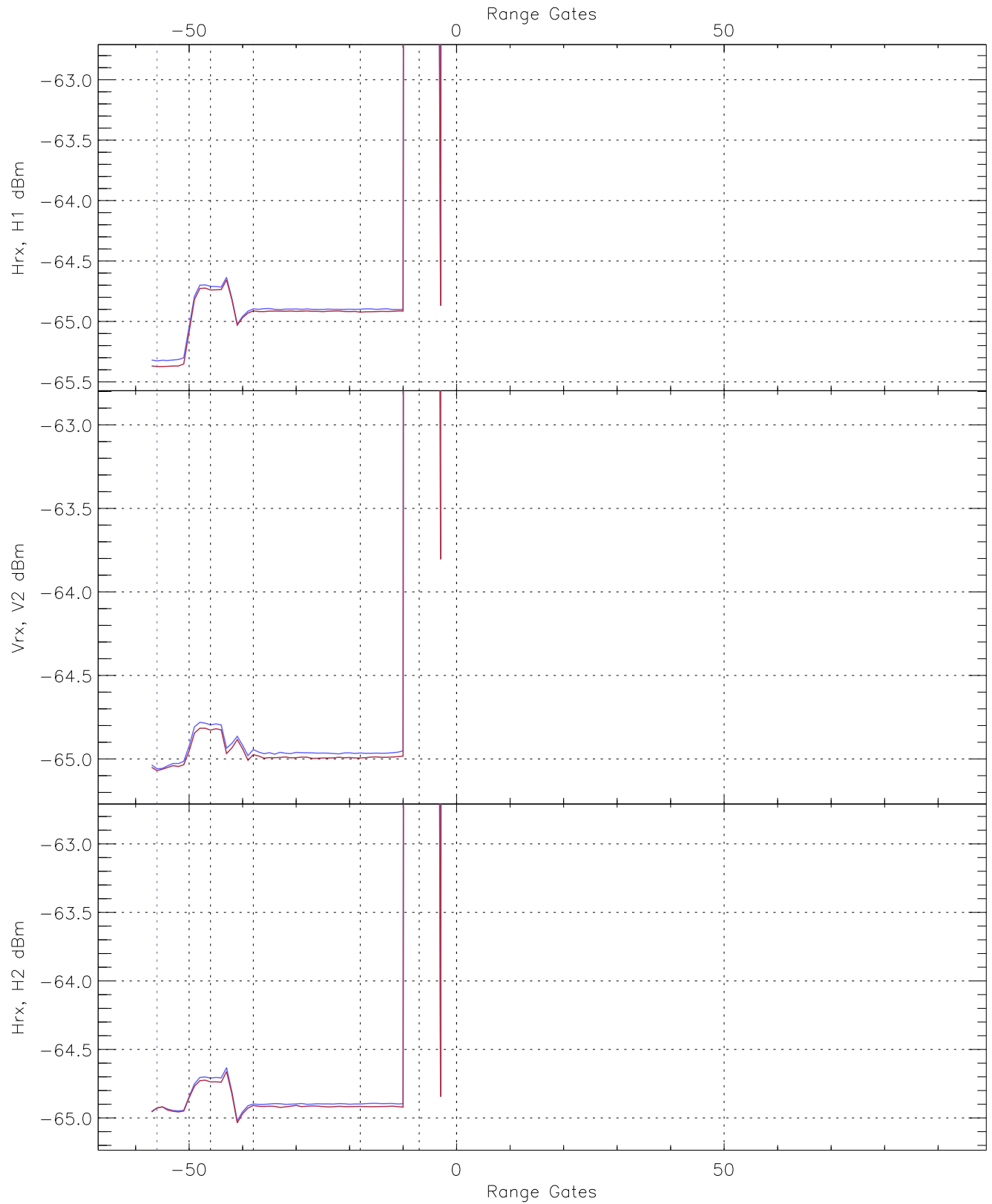
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG389_0 [dBm]	-66.59	-64.17	-65.35	-65.36	-76.81
V2RM_0 [dBm]	-66.44	-63.86	-65.06	-65.07	-76.56
H2RG359_0 [dBm]	-66.27	-63.81	-64.95	-64.96	-76.45

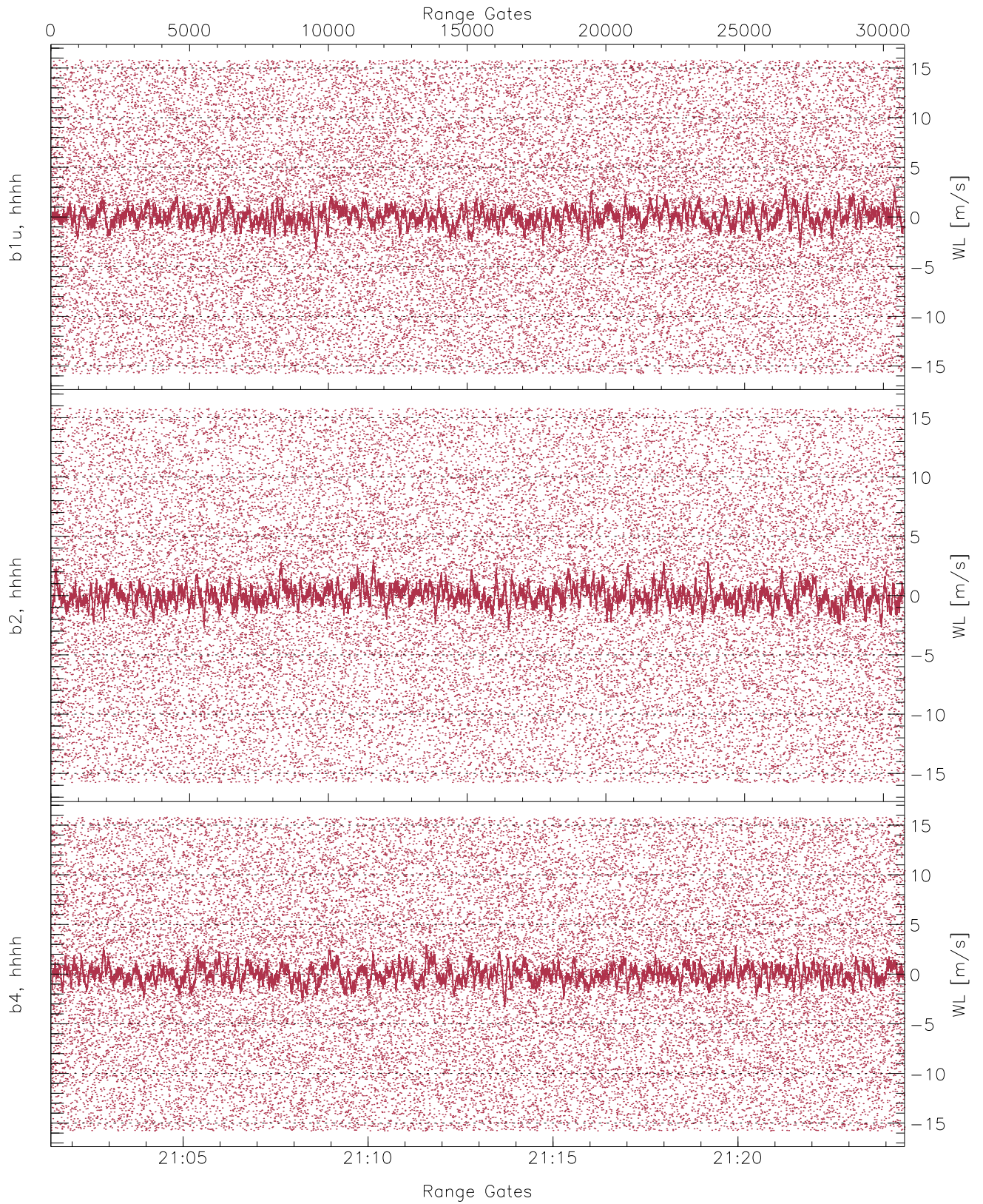


WCR3 CPP Averaged Received power for all recorded gates  
blue: 210126-211258, 15383 profiles averaged  
red: 211258-212430, 15382 profiles averaged

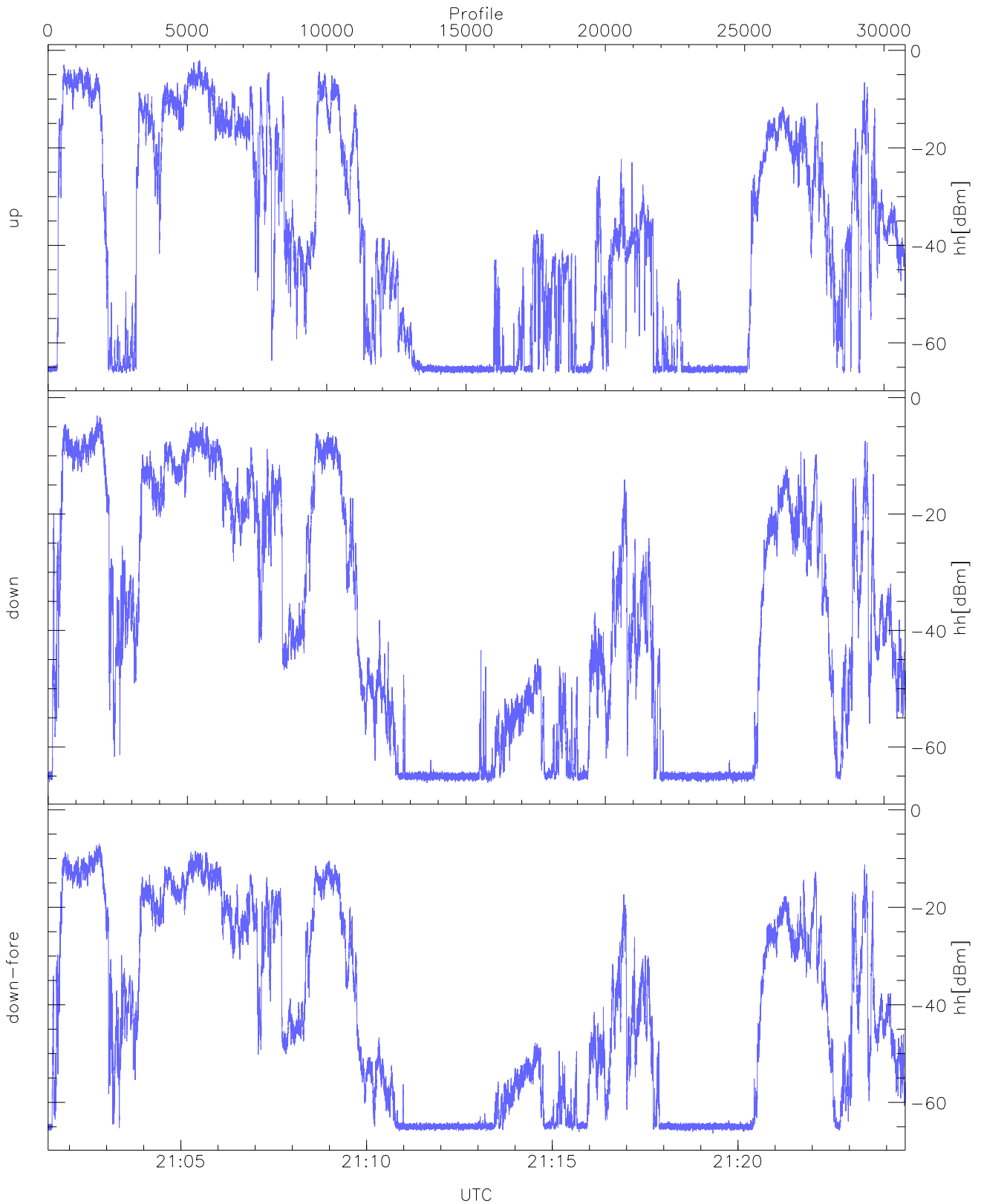




WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 210126-211258, 15383 profiles averaged  
red: 211258-212430, 15382 profiles averaged

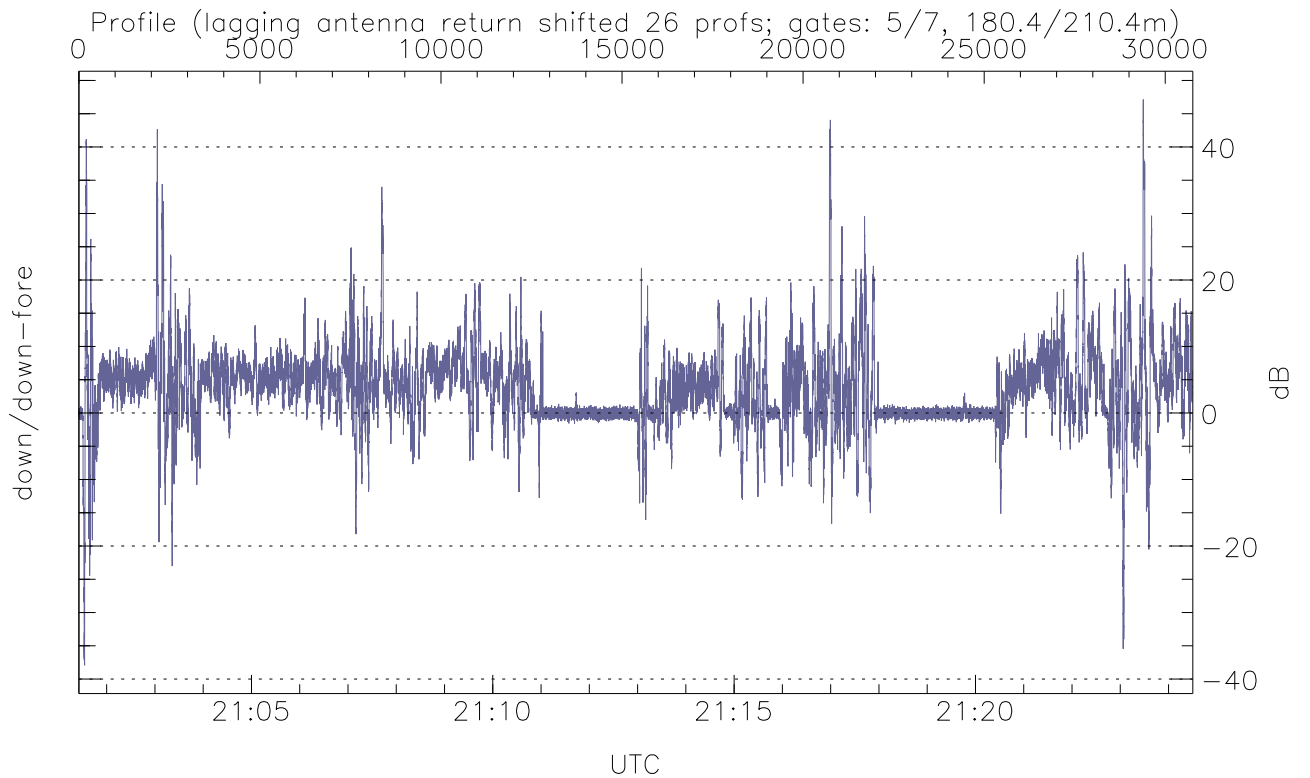
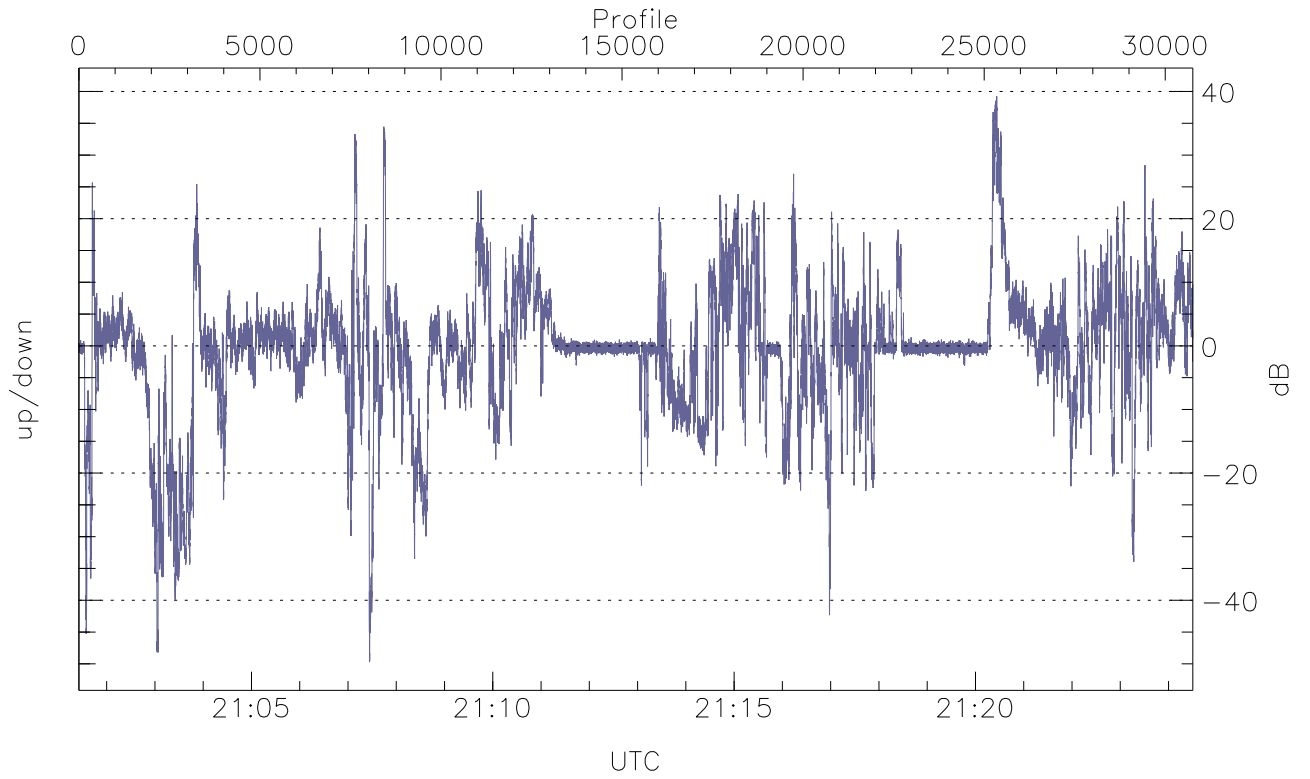


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



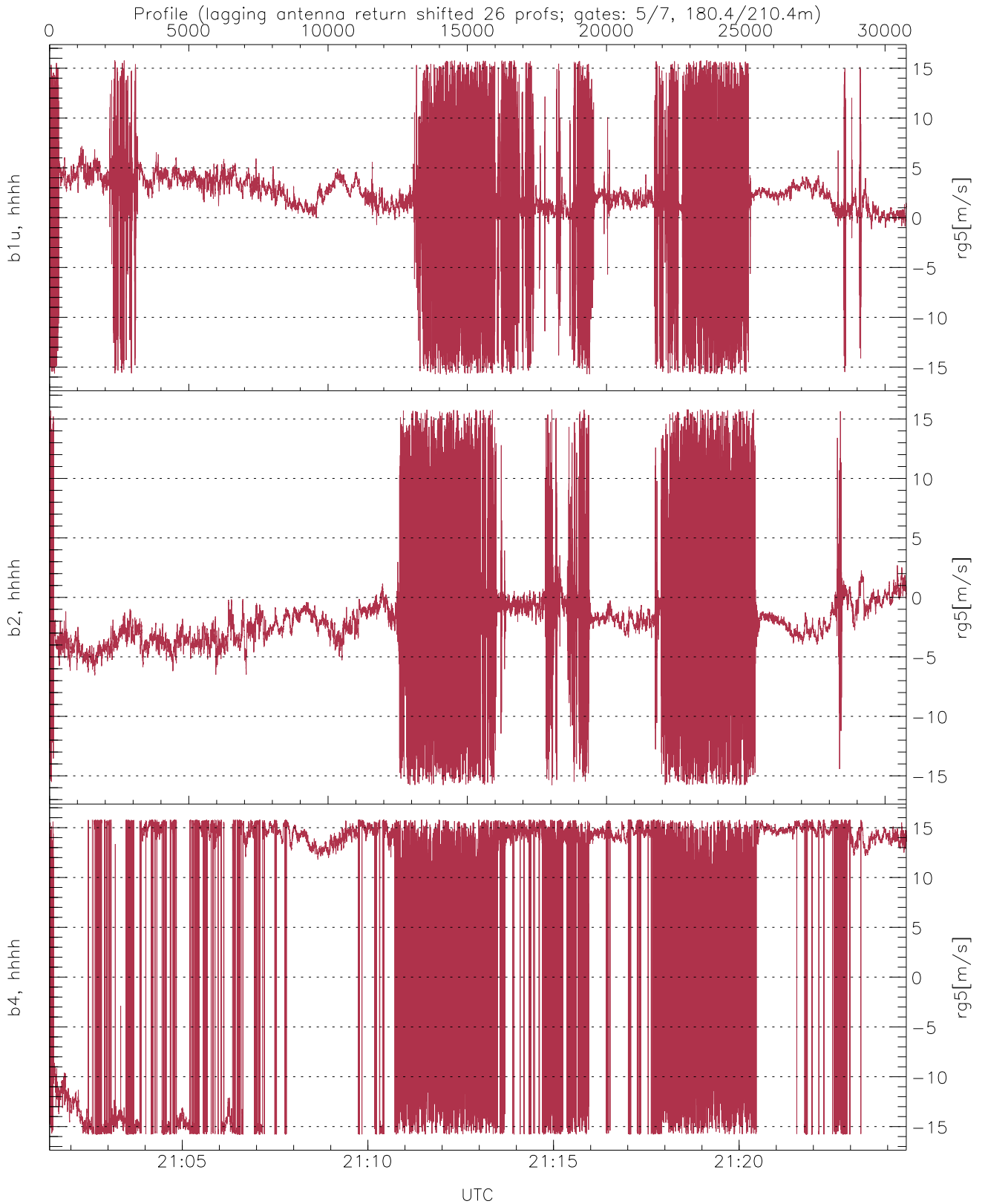
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.58	-2.05	-15.39
down(hh[dBm])	-66.28	-3.09	-16.11
down-fore(hh[dBm])	-66.35	-6.99	-20.20



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

	Min	Max	Mean
up/down (dB)	-49.72	39.24	-0.46
down/down-fore (dB)	-37.93	47.14	3.60



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.74	15.79	1.87	4.60
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.66	4.40
b4, hhhh(rg5[m/s])	-15.79	15.79	5.41	12.19