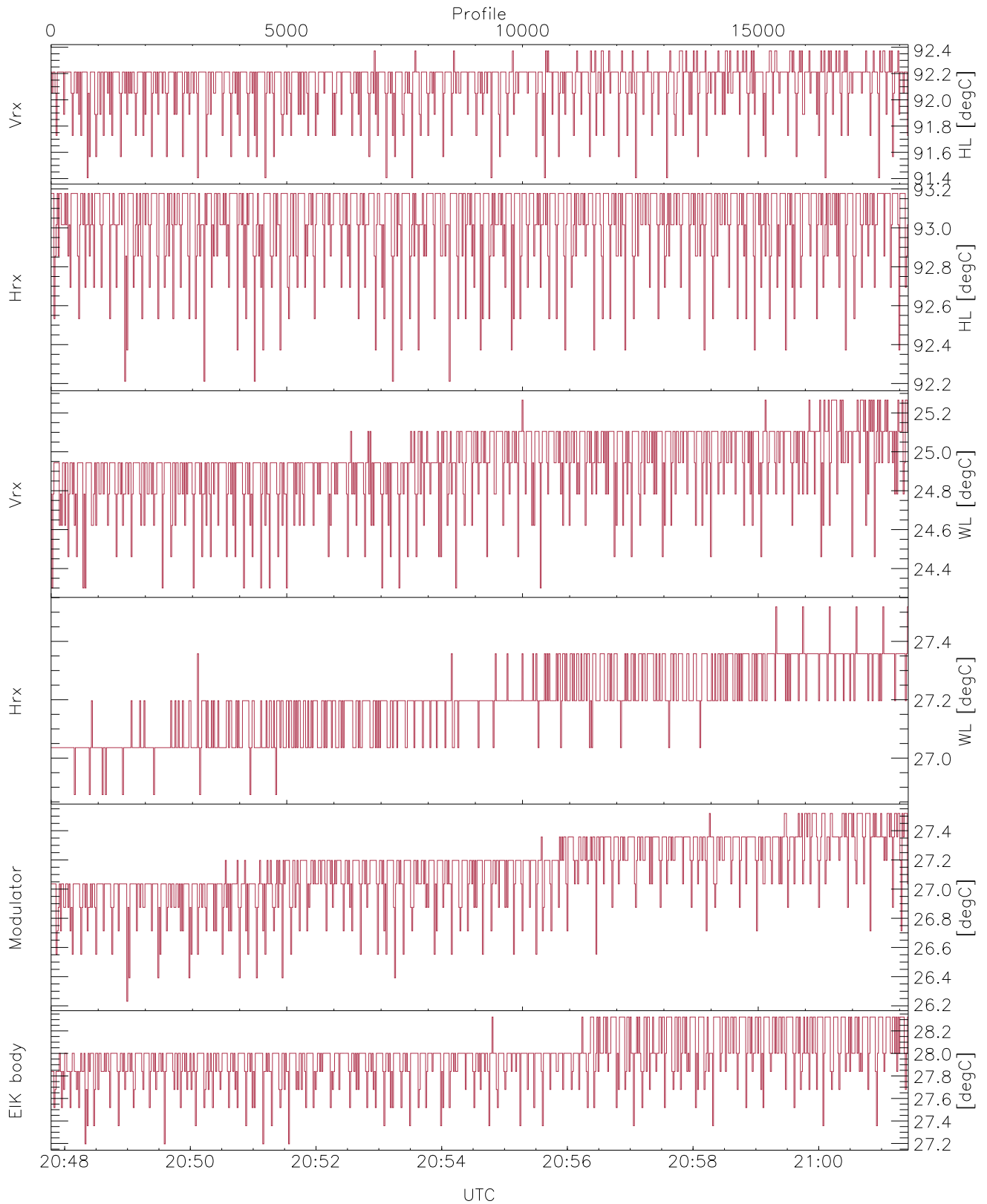


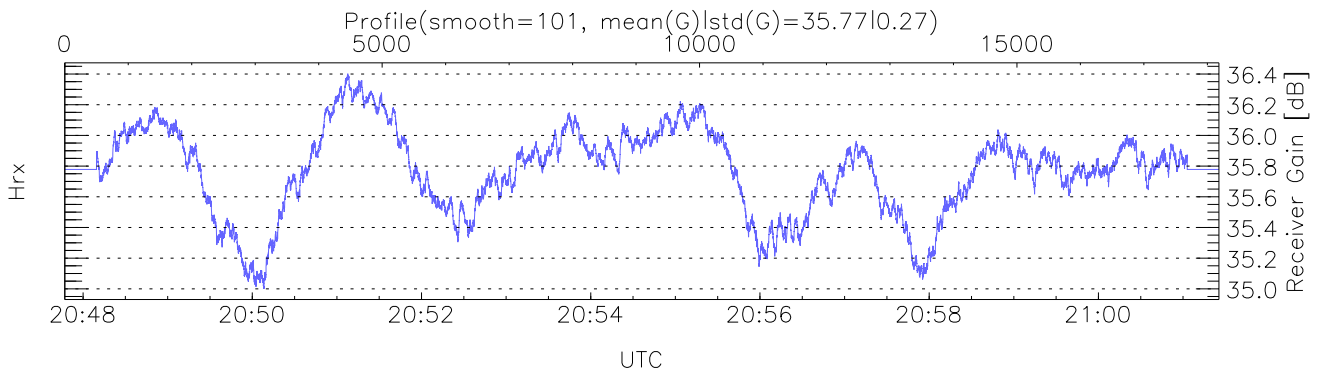
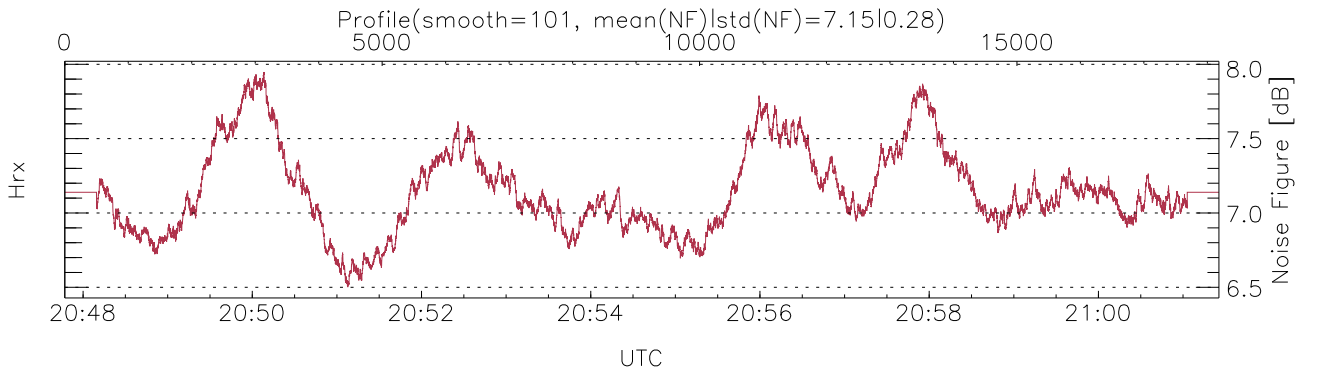
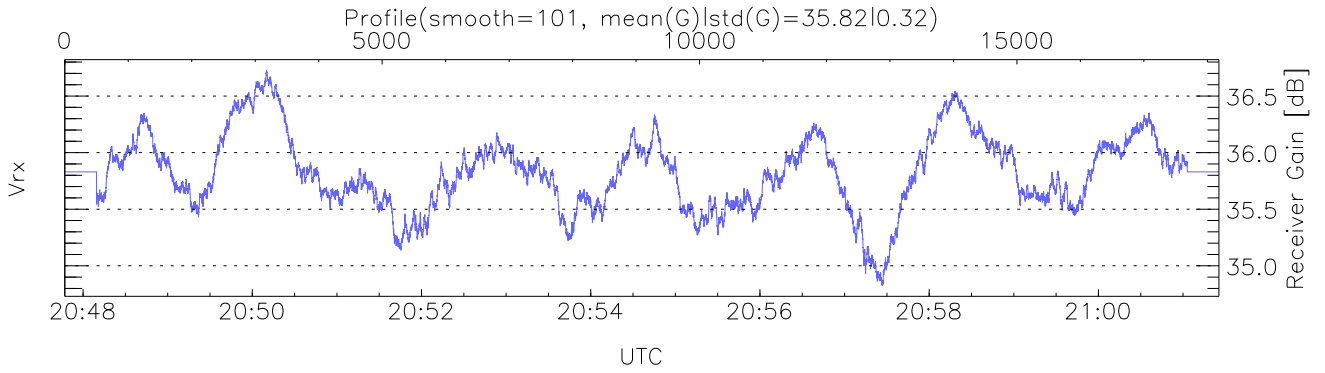
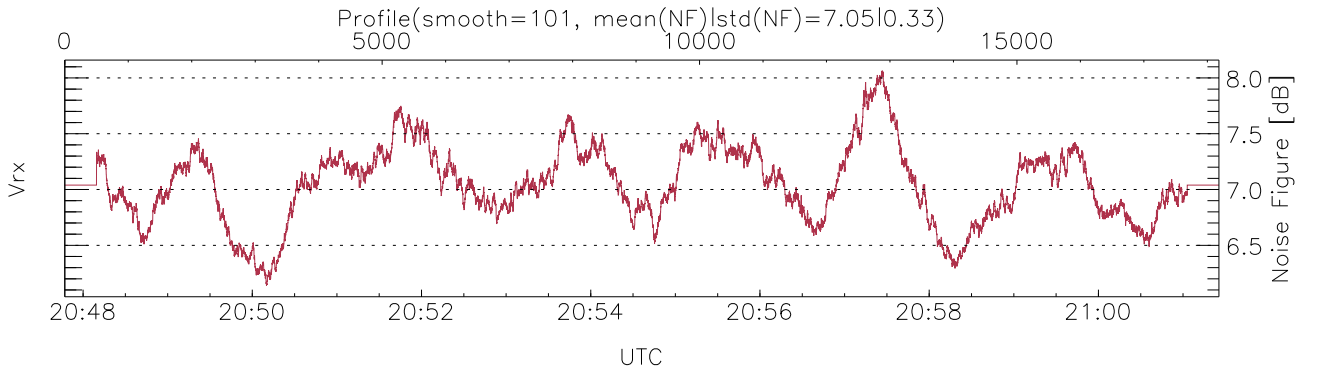
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:47:47-21:01:25, TimeCor: 0.00s, Dur: 818.44s  
 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): 18184/18184, 0-18183/20:47:47-21:01:25  
 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



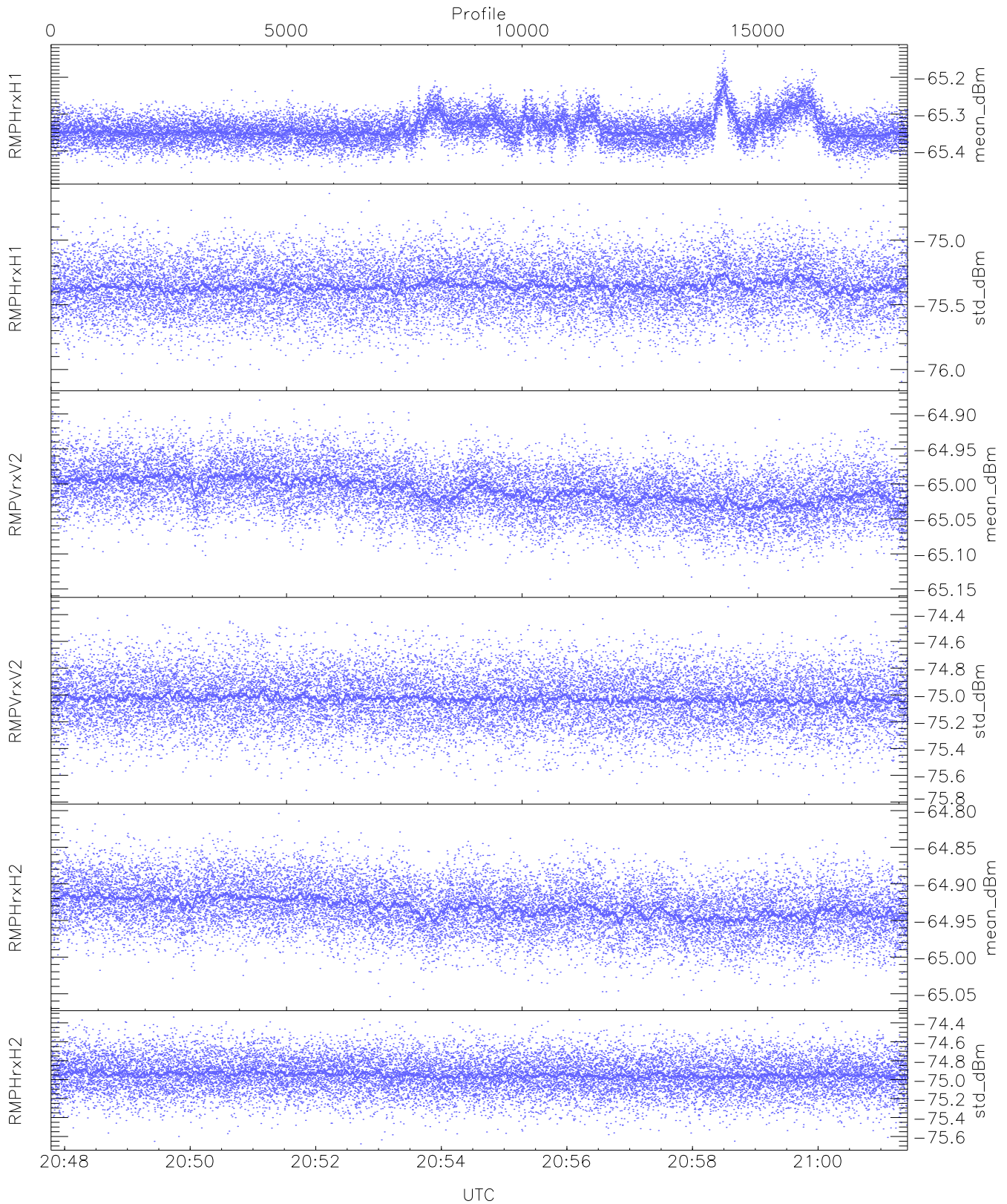
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,26,27  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,27,28  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



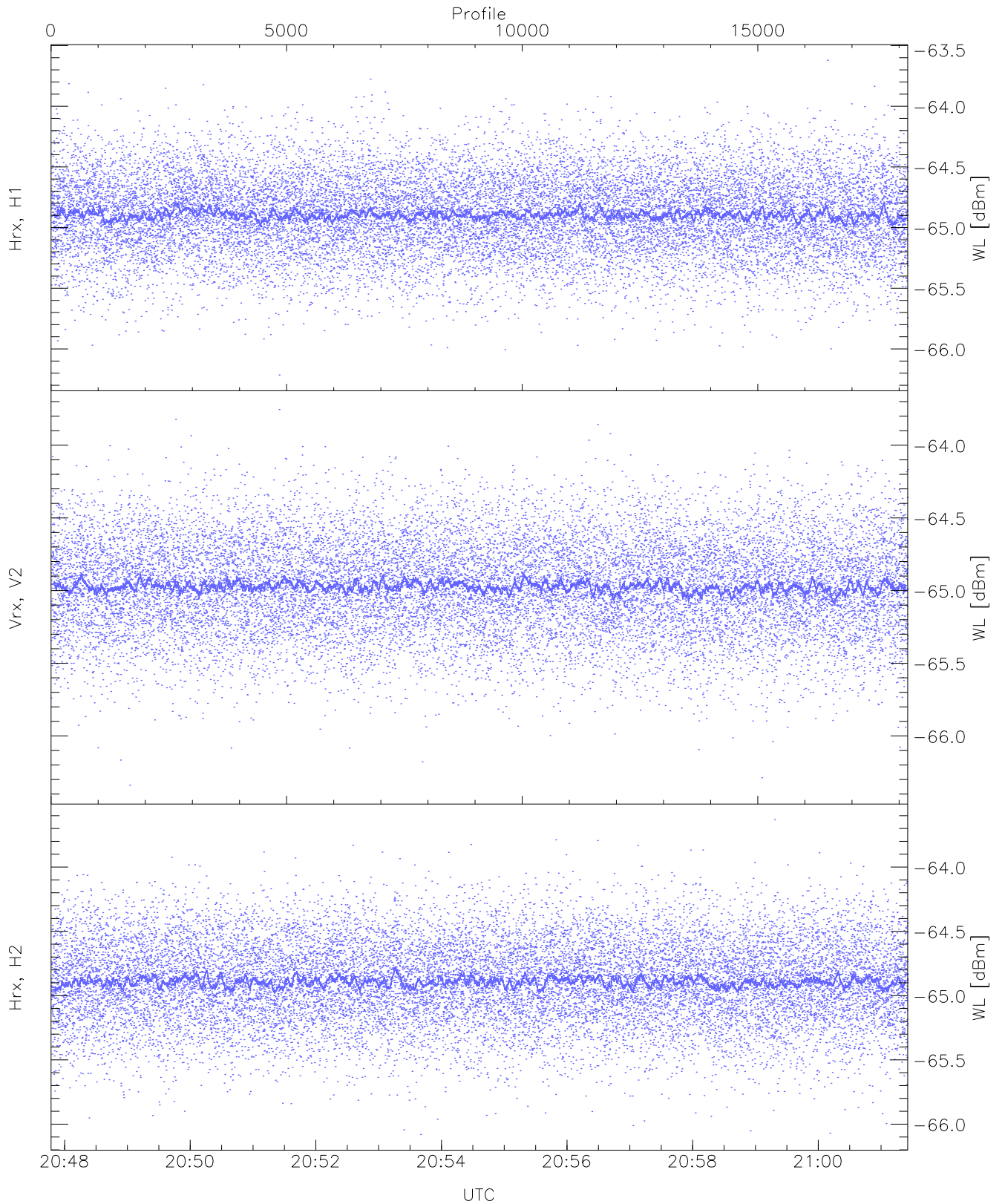
### WCR3 CPP Receivers Gain and Noise Figure

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



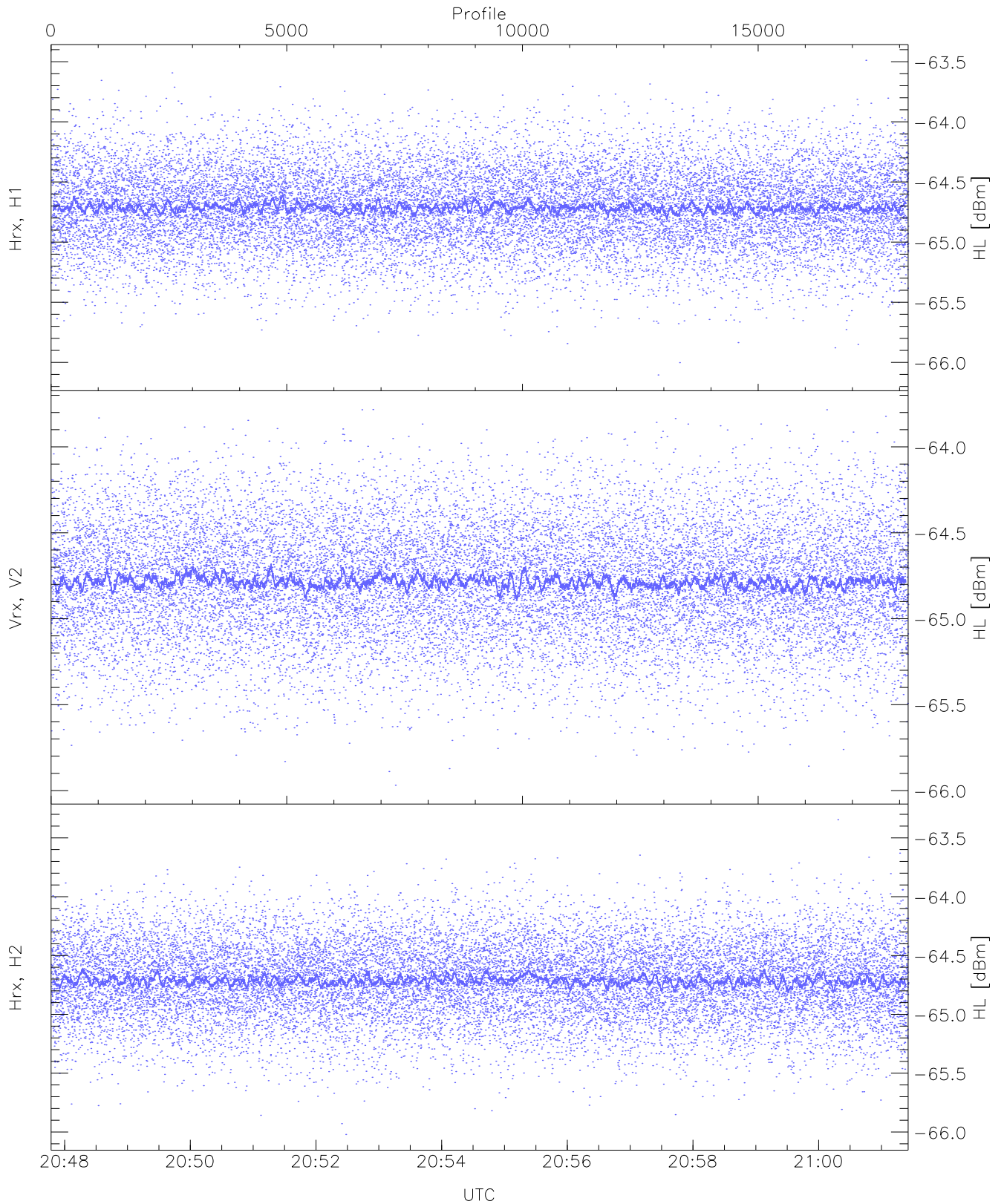
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.47	-65.13	-65.34	-65.34	-85.83
RMPHrxH1 (std_dBm)	-76.09	-74.64	-75.36	-75.36	-89.11
RMPVrxV2 (mean_dBm)	-65.15	-64.88	-65.01	-65.01	-86.14
RMPVrxV2 (std_dBm)	-75.74	-74.34	-75.03	-75.03	-88.79
RMPHrxH2 (mean_dBm)	-65.06	-64.80	-64.93	-64.93	-86.26
RMPHrxH2 (std_dBm)	-75.68	-74.34	-74.95	-74.95	-88.72



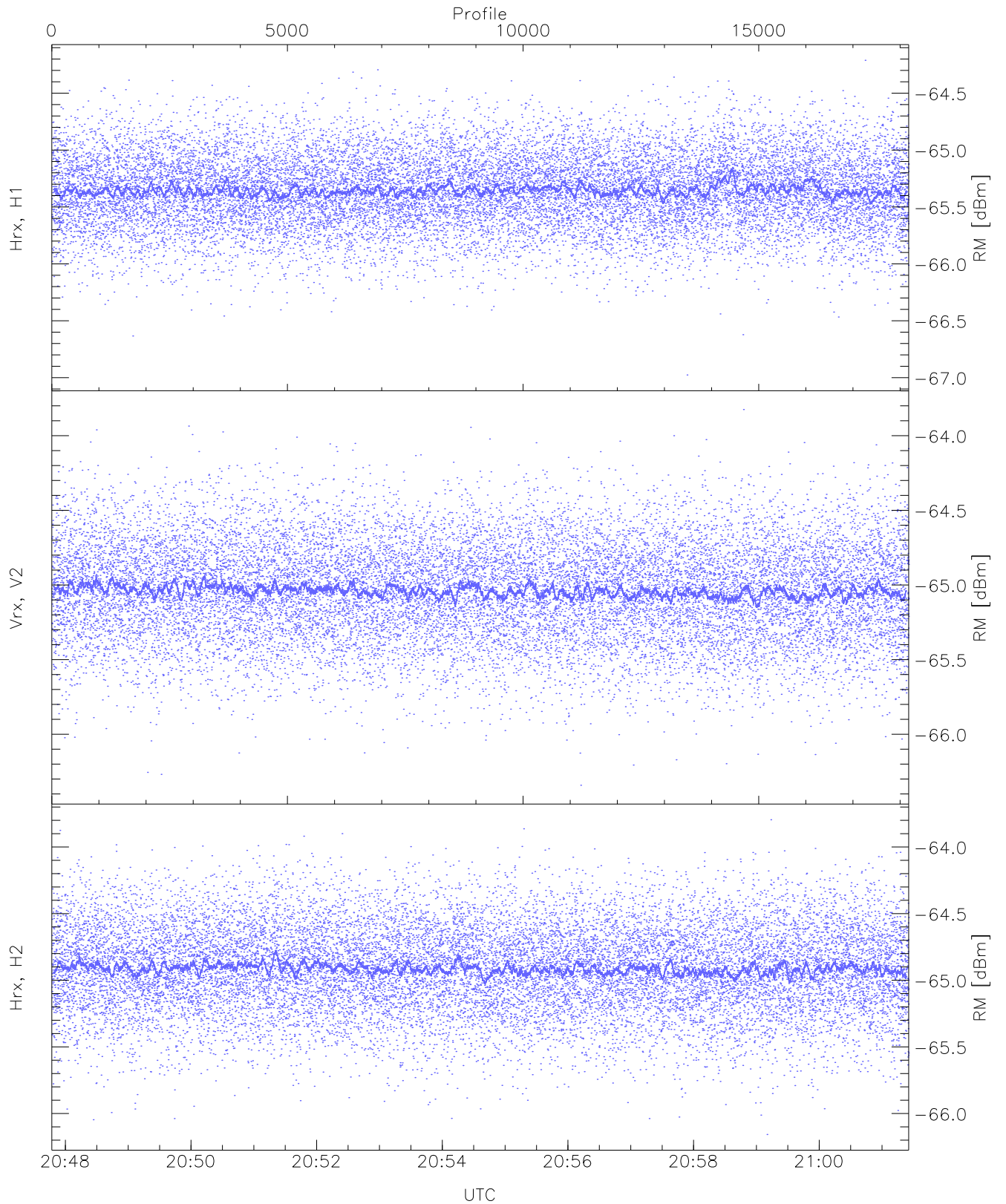
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.21	-63.62	-64.89	-64.89	-76.37
Vrx, V2 (WL [dBm])	-66.34	-63.75	-64.97	-64.97	-76.50
Hrx, H2 (WL [dBm])	-66.08	-63.63	-64.88	-64.89	-76.42



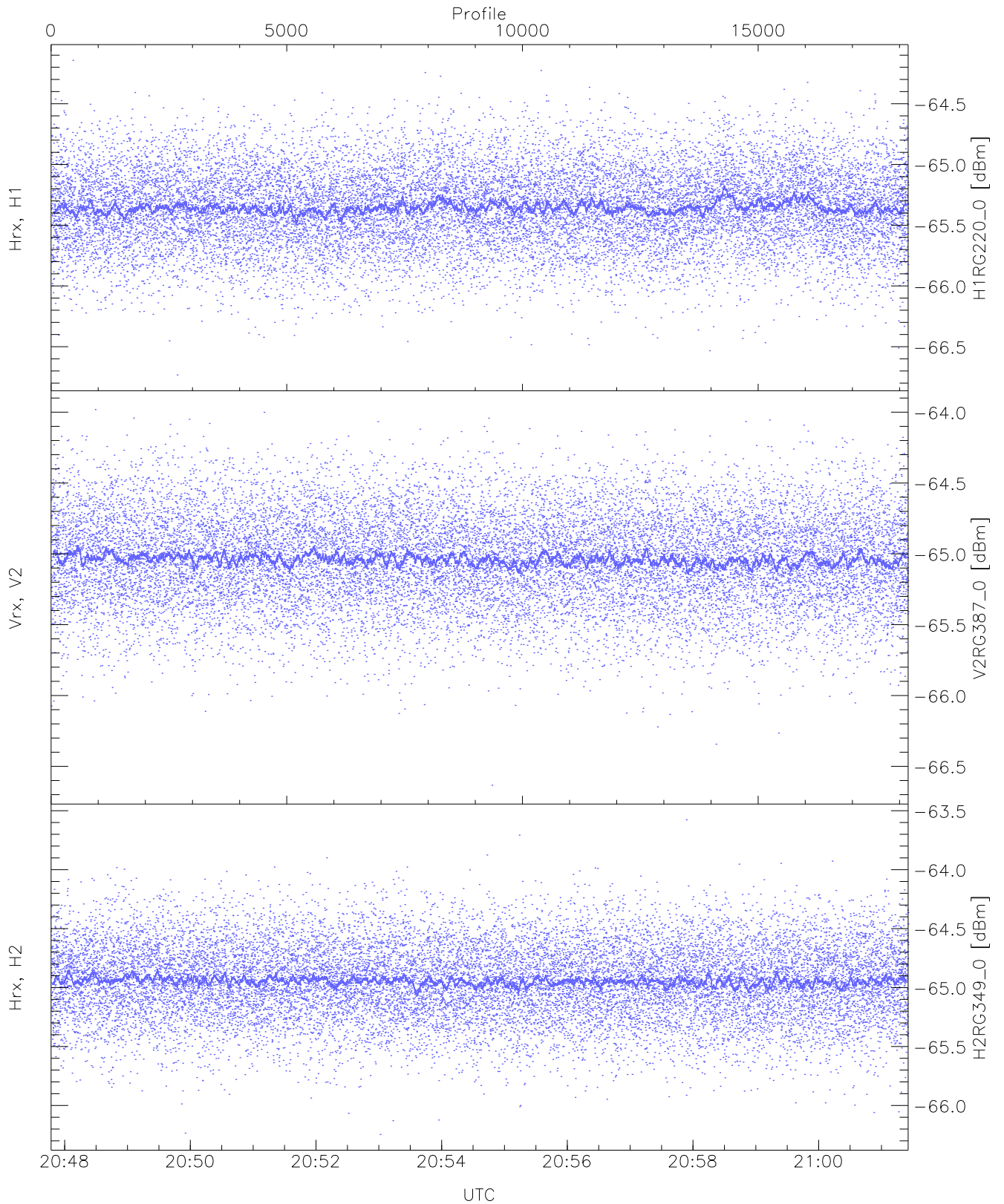
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.10	-63.49	-64.70	-64.71	-76.21
Vrx, V2 (HL [dBm])	-65.97	-63.78	-64.78	-64.79	-76.30
Hrx, H2 (HL [dBm])	-66.02	-63.35	-64.71	-64.71	-76.21



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

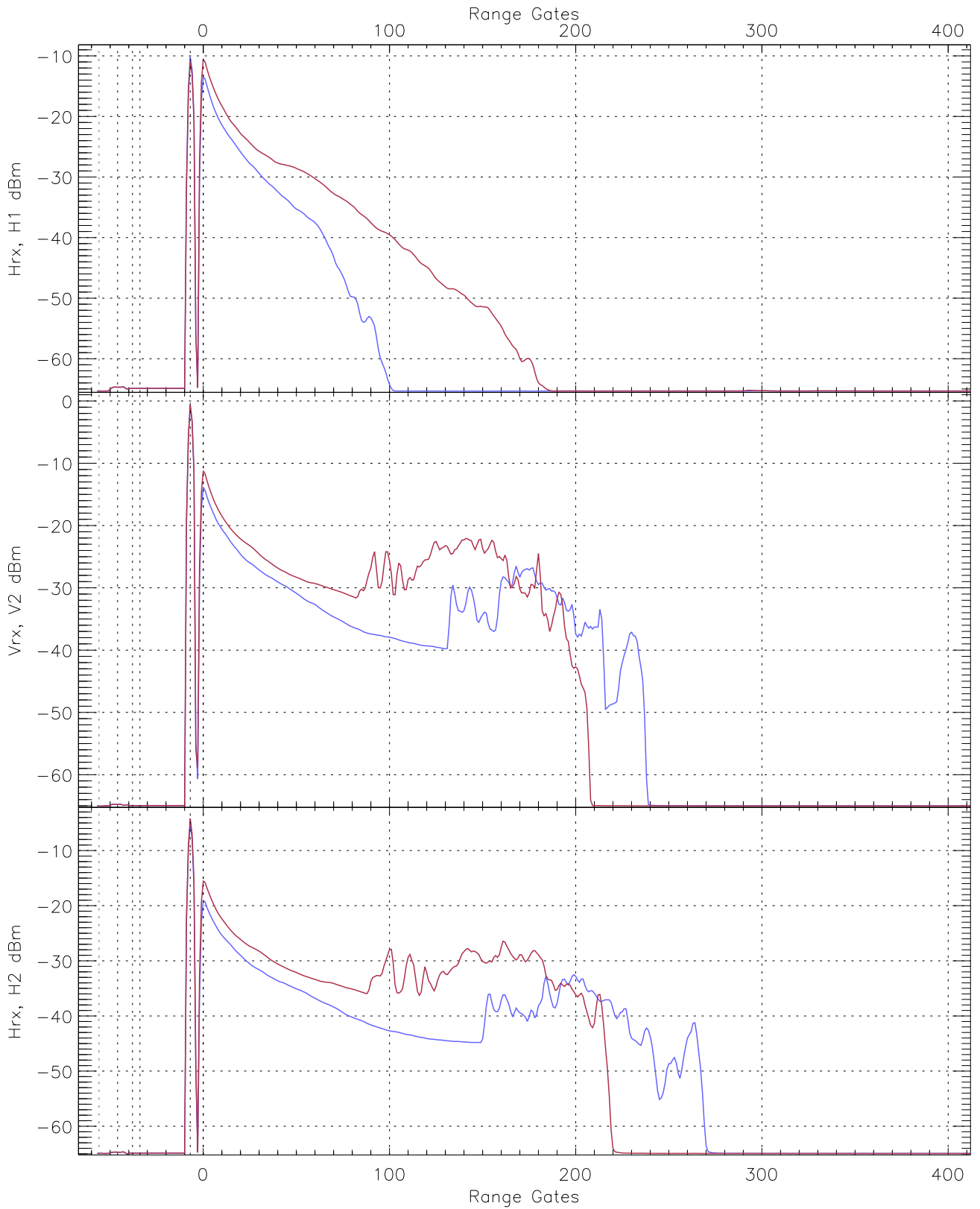
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.98	-64.21	-65.35	-65.36	-76.85
Vrx, V2 (RM [dBm])	-66.34	-63.82	-65.03	-65.04	-76.50
Hrx, H2 (RM [dBm])	-66.16	-63.80	-64.91	-64.91	-76.38



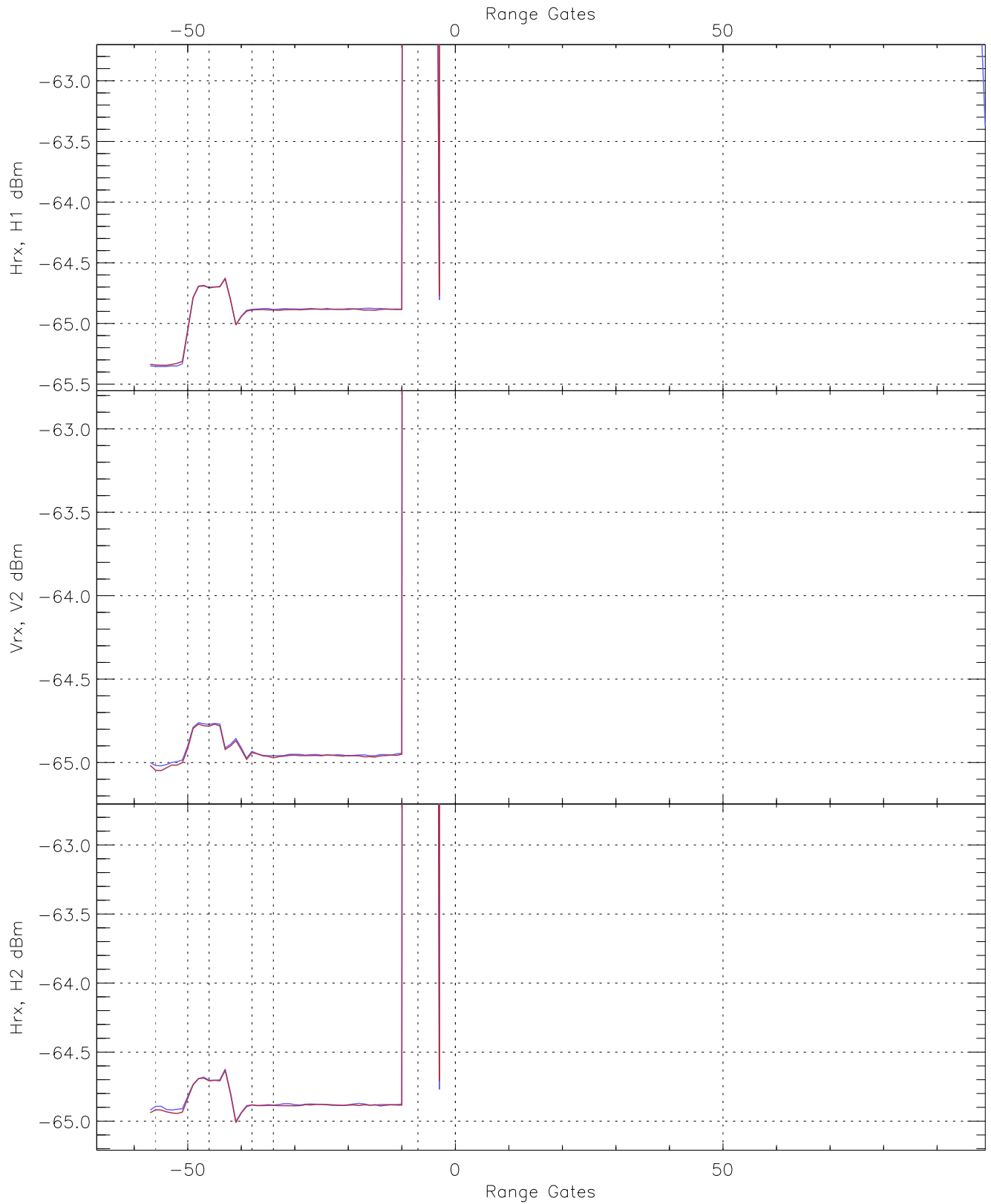
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG220_0 [dBm]	-66.73	-64.14	-65.35	-65.35	-76.81
V2RG387_0 [dBm]	-66.63	-63.98	-65.03	-65.04	-76.52
H2RG349_0 [dBm]	-66.25	-63.58	-64.94	-64.95	-76.46

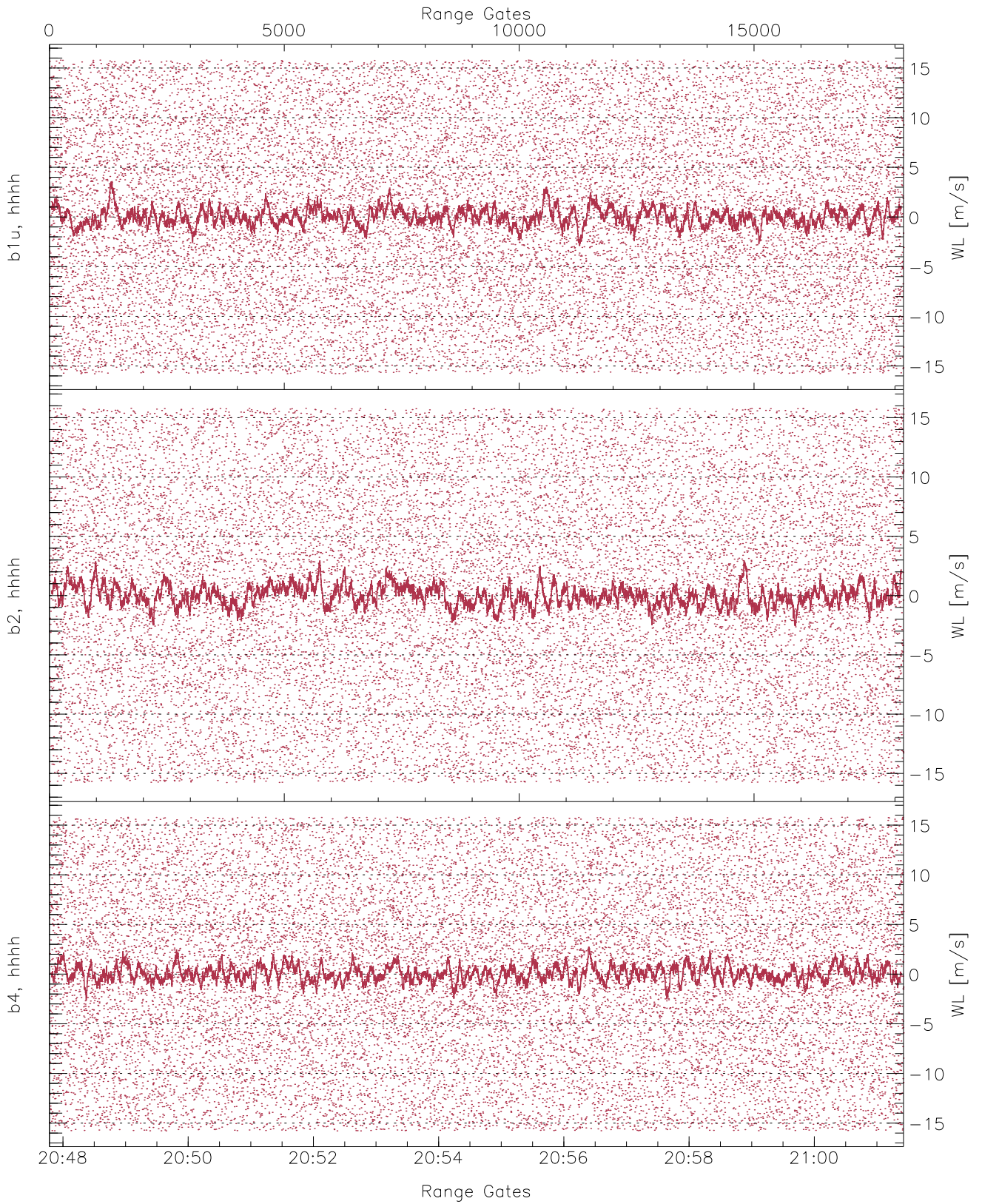




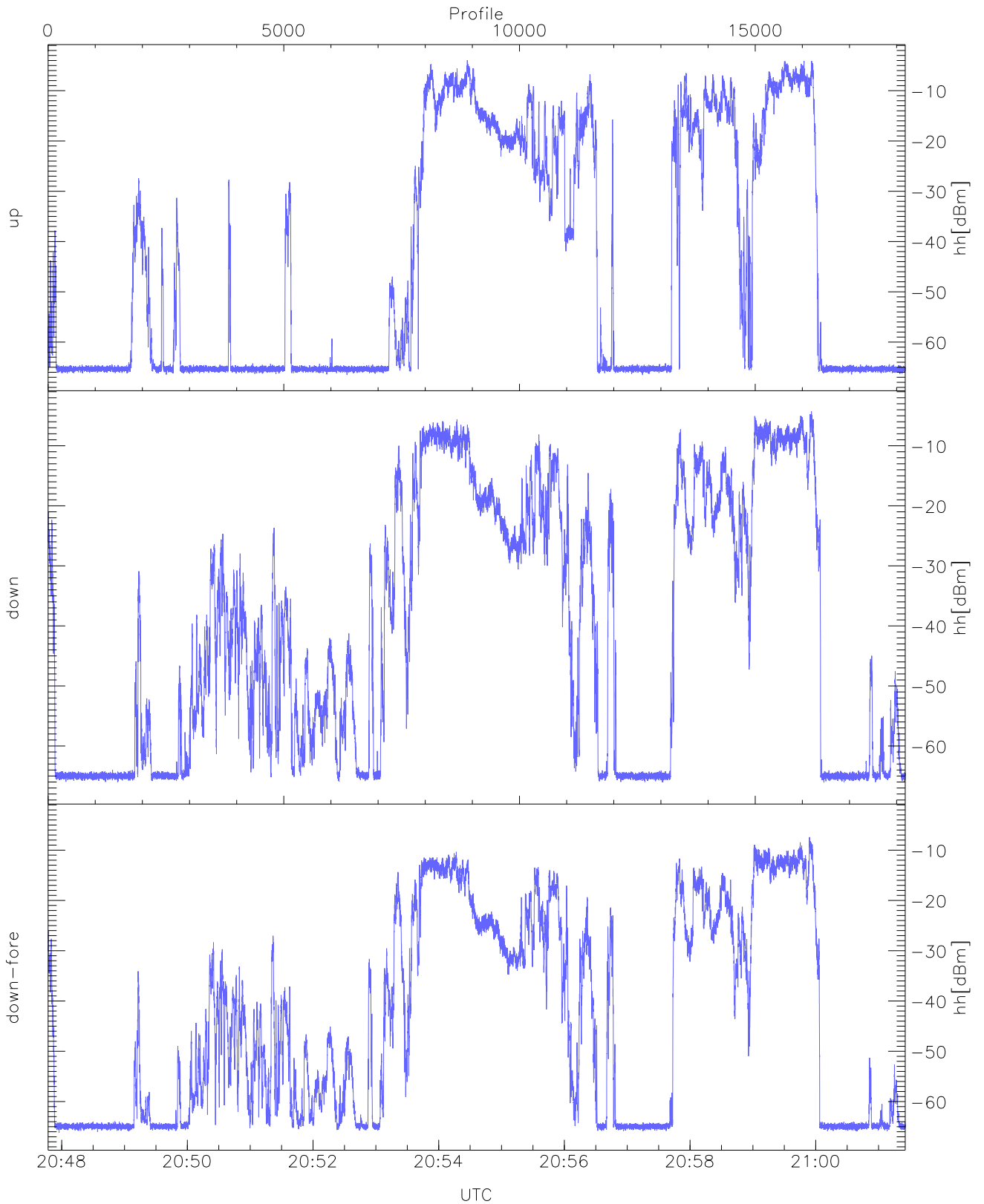
WCR3 CPP Averaged Received power for all recorded gates  
blue: 204747-205436, 9093 profiles averaged  
red: 205436-210125, 9092 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 204747-205436, 9093 profiles averaged  
red: 205436-210125, 9092 profiles averaged

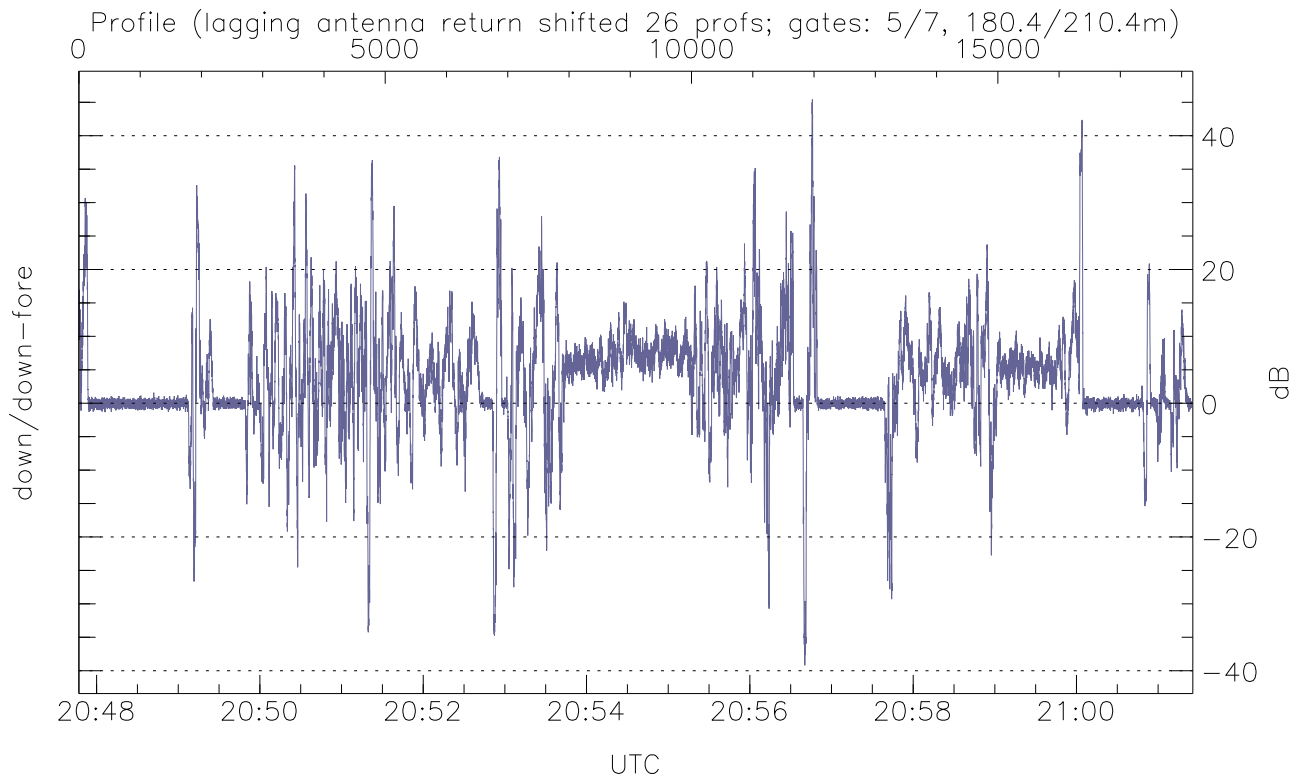
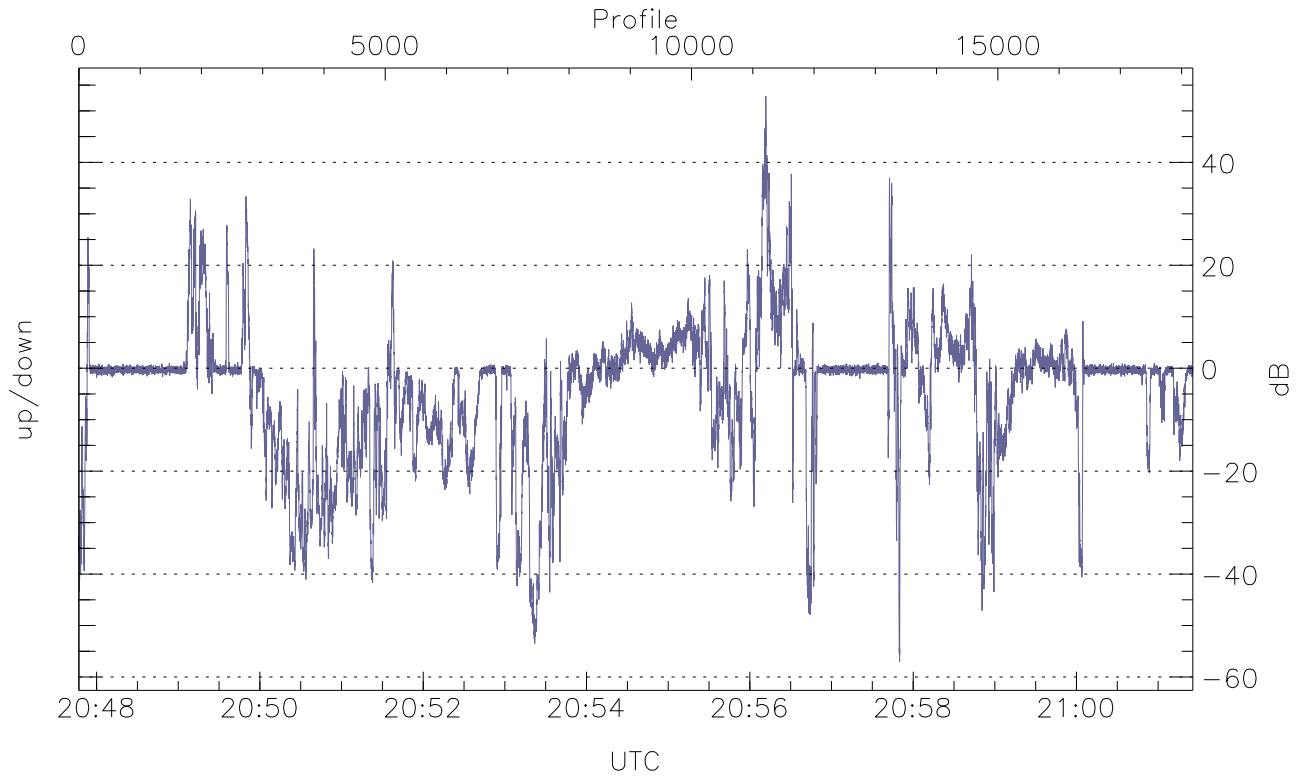


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



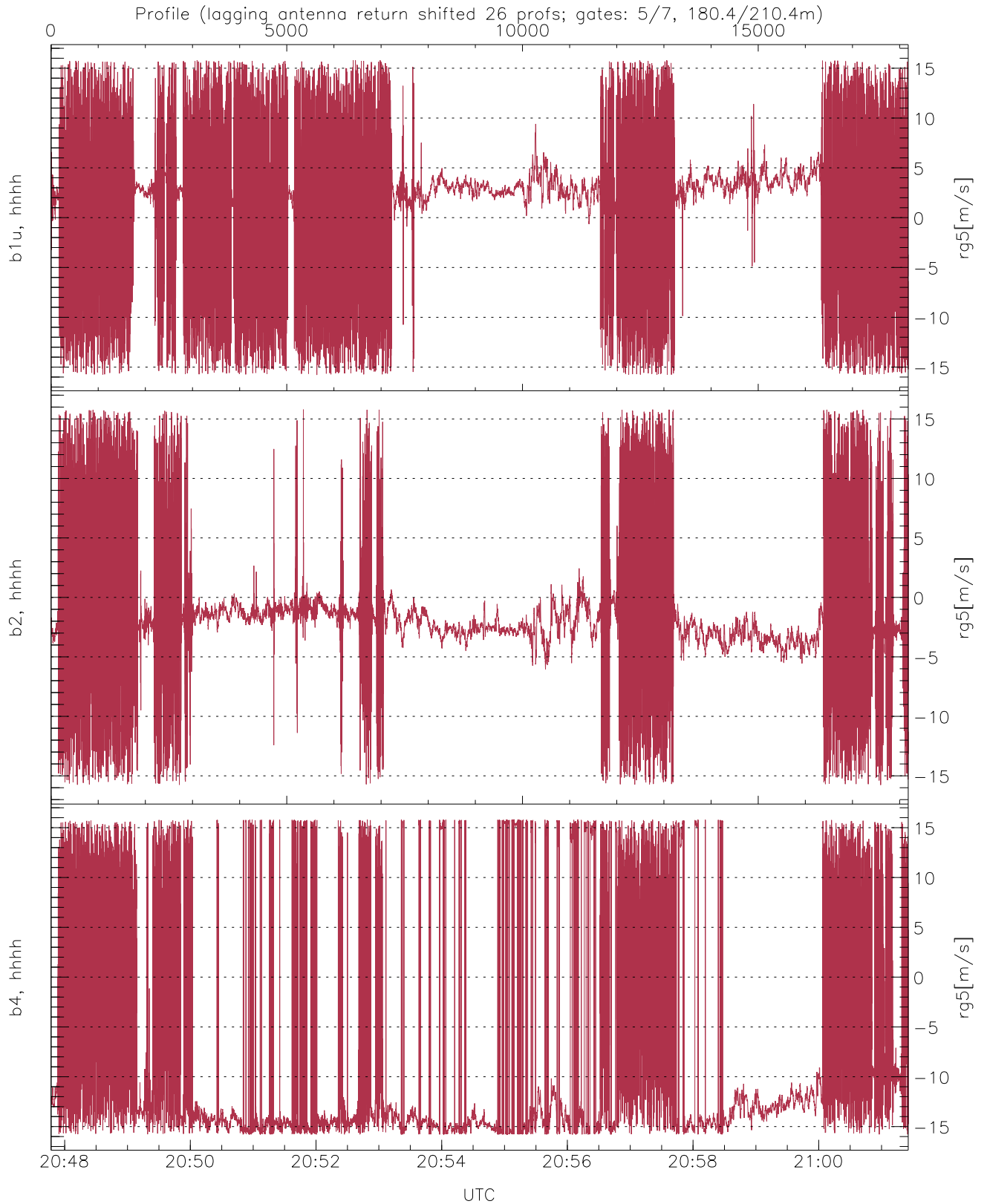
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.54	-3.96	-16.18
down(hh[dBm])	-66.08	-4.28	-16.42
down-fore(hh[dBm])	-66.18	-7.41	-20.64



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

	Min	Max	Mean
up/down (dB)	-57.10	52.83	-4.35
down/down-fore (dB)	-39.18	45.42	3.41



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.45	6.43
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.52	4.76
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.54	10.30