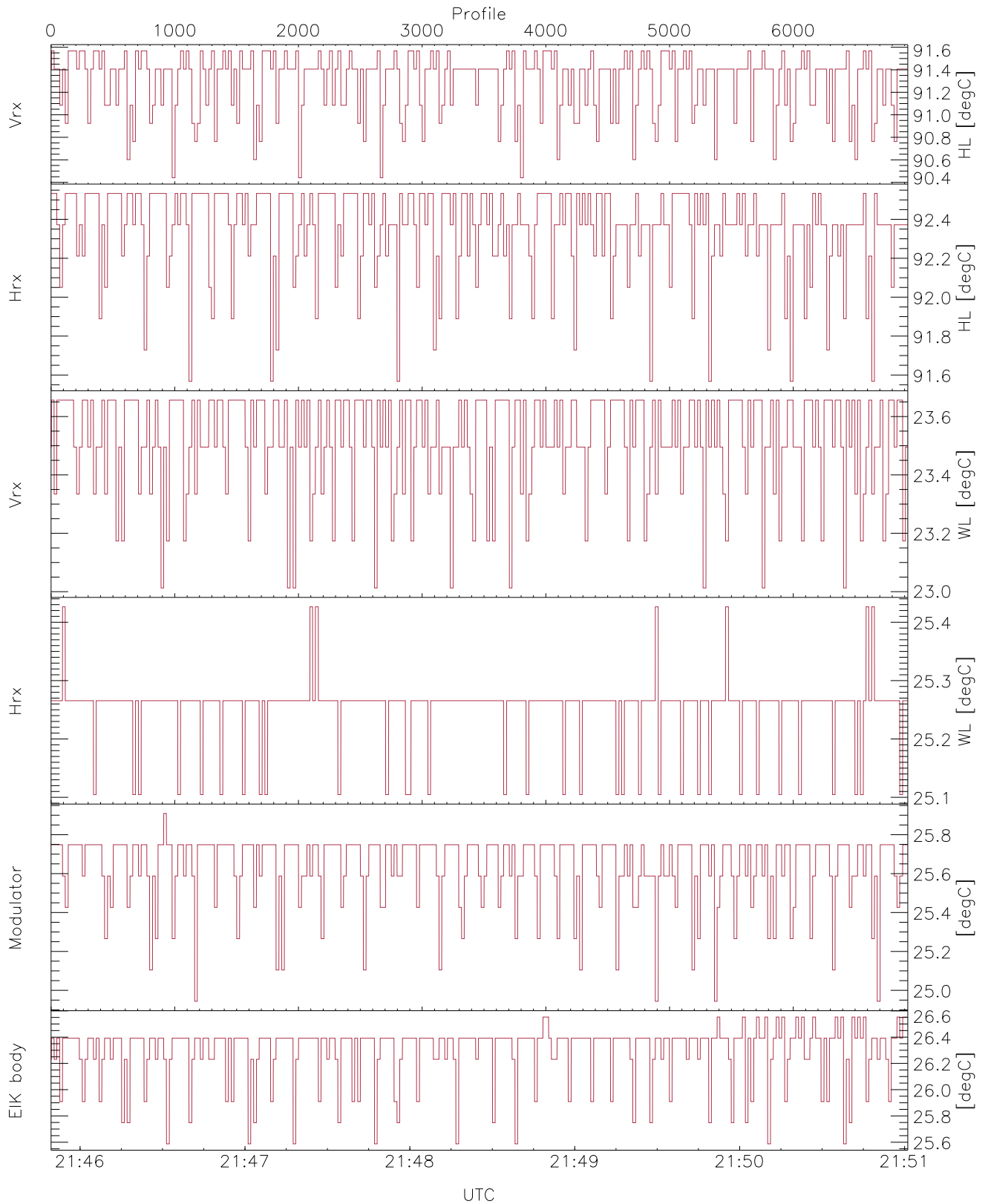


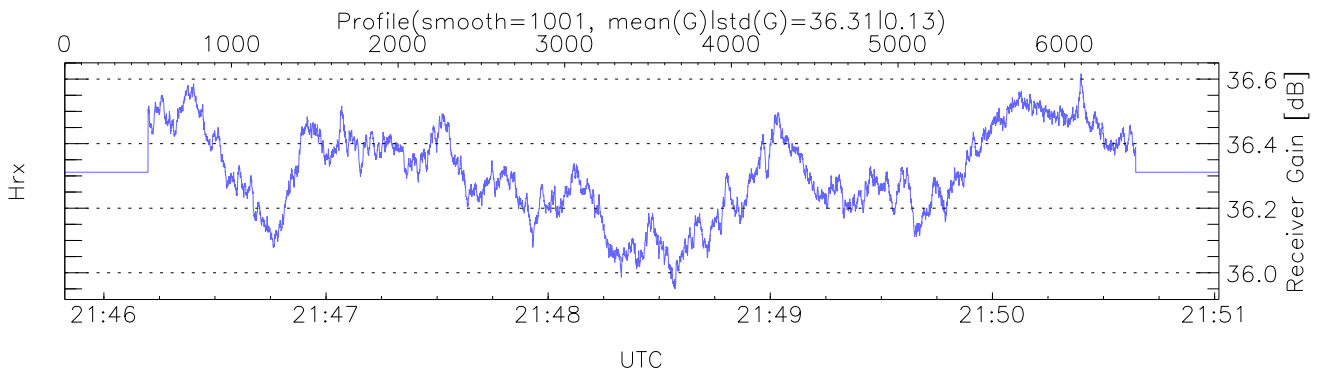
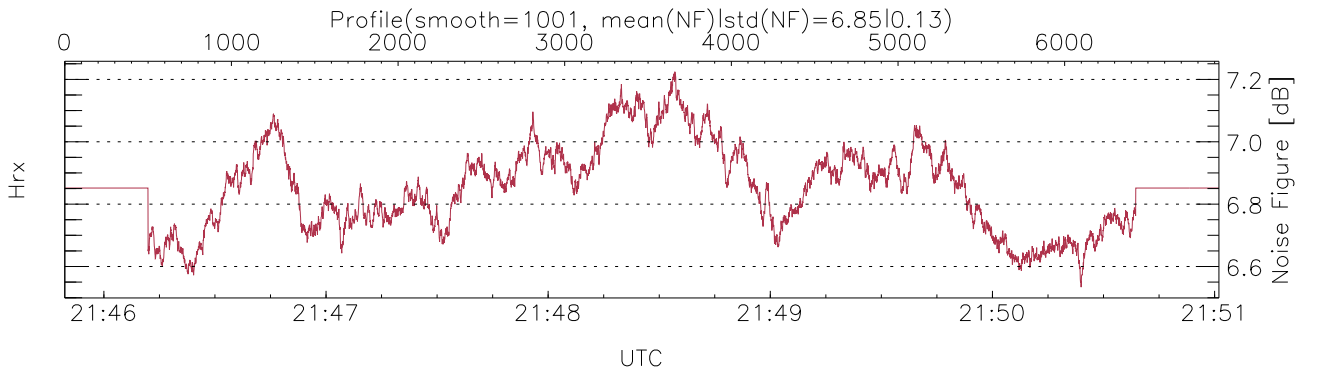
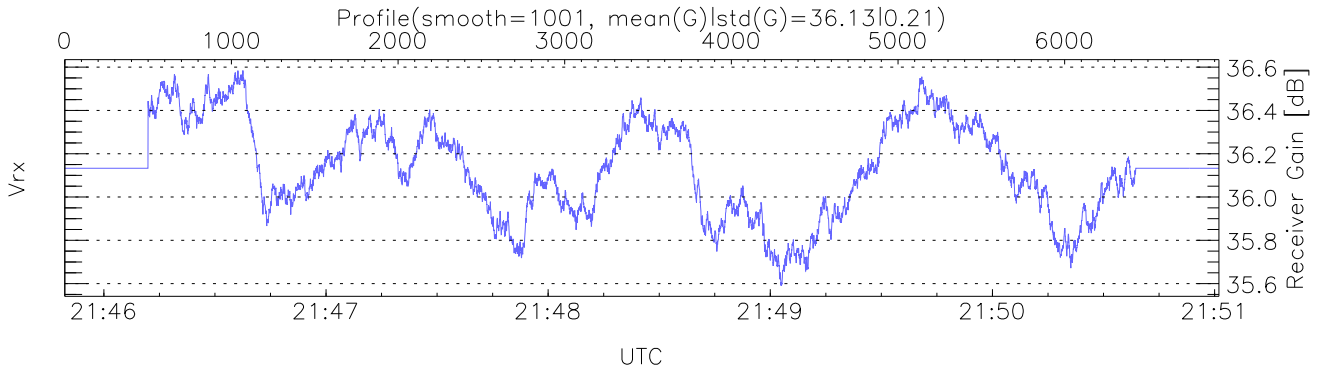
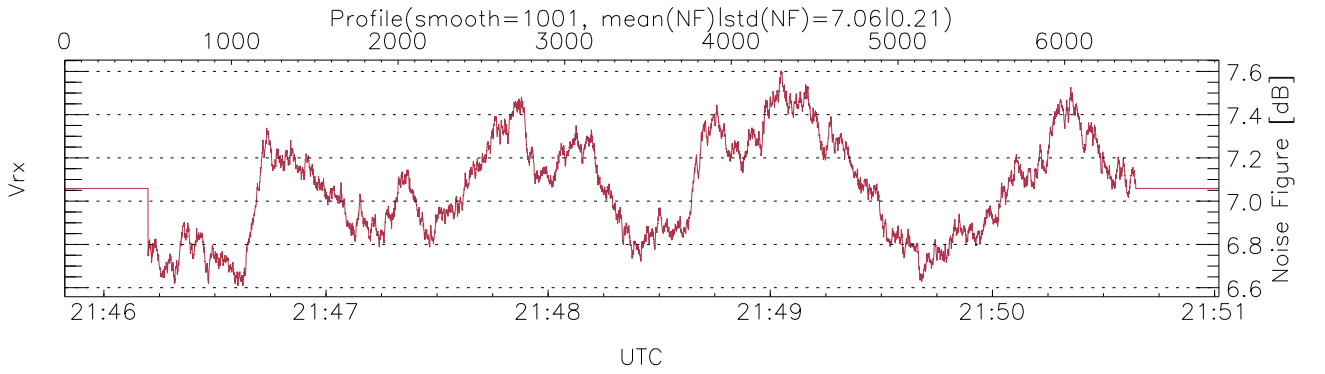
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:45:49-21:51:01, TimeCor: 0.00s, Dur: 311.75s
 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): 6927/6927, 0-6926/21:45:49-21:51:01
 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



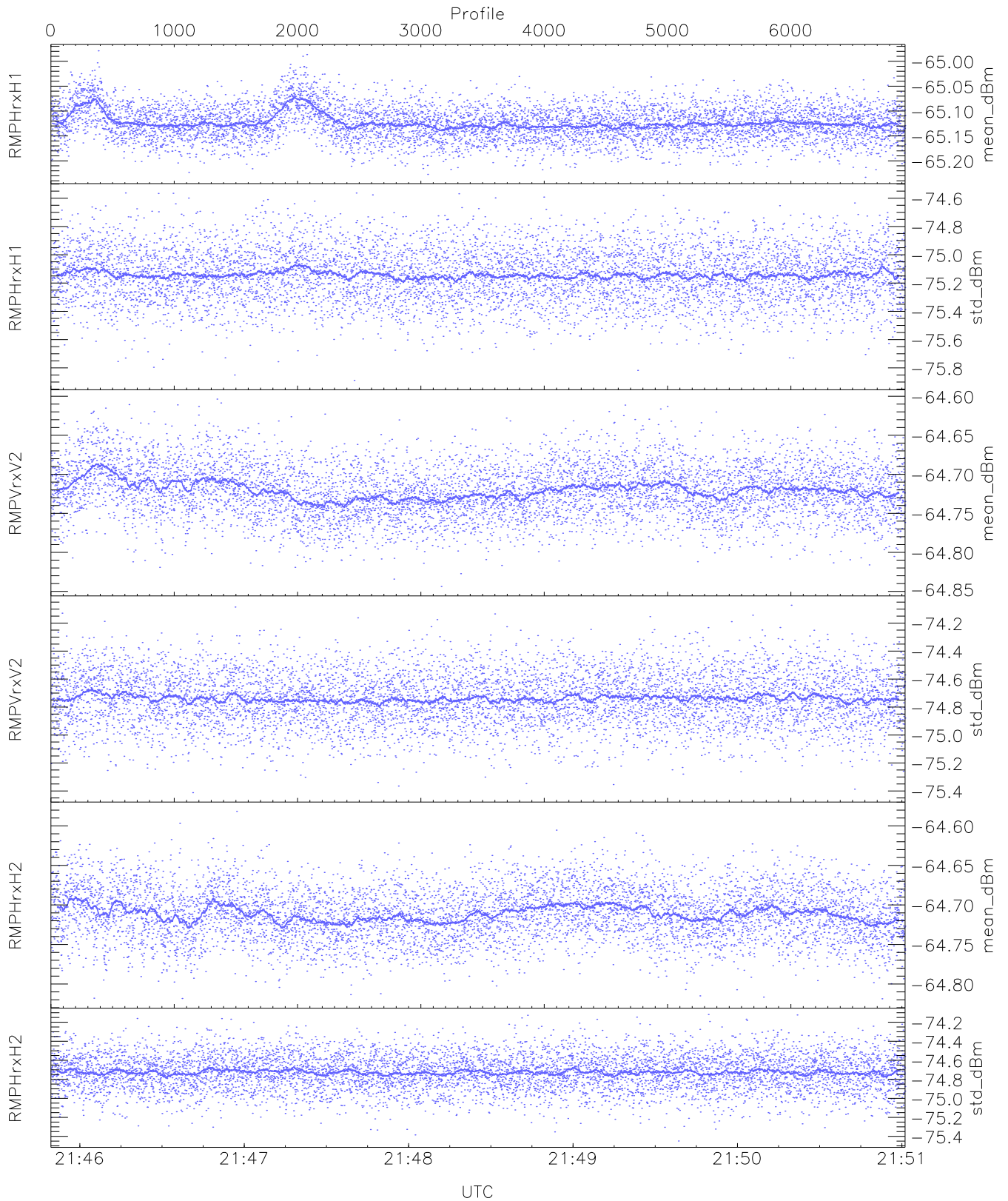
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,23,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(#_prof affected):
DeckF (24)



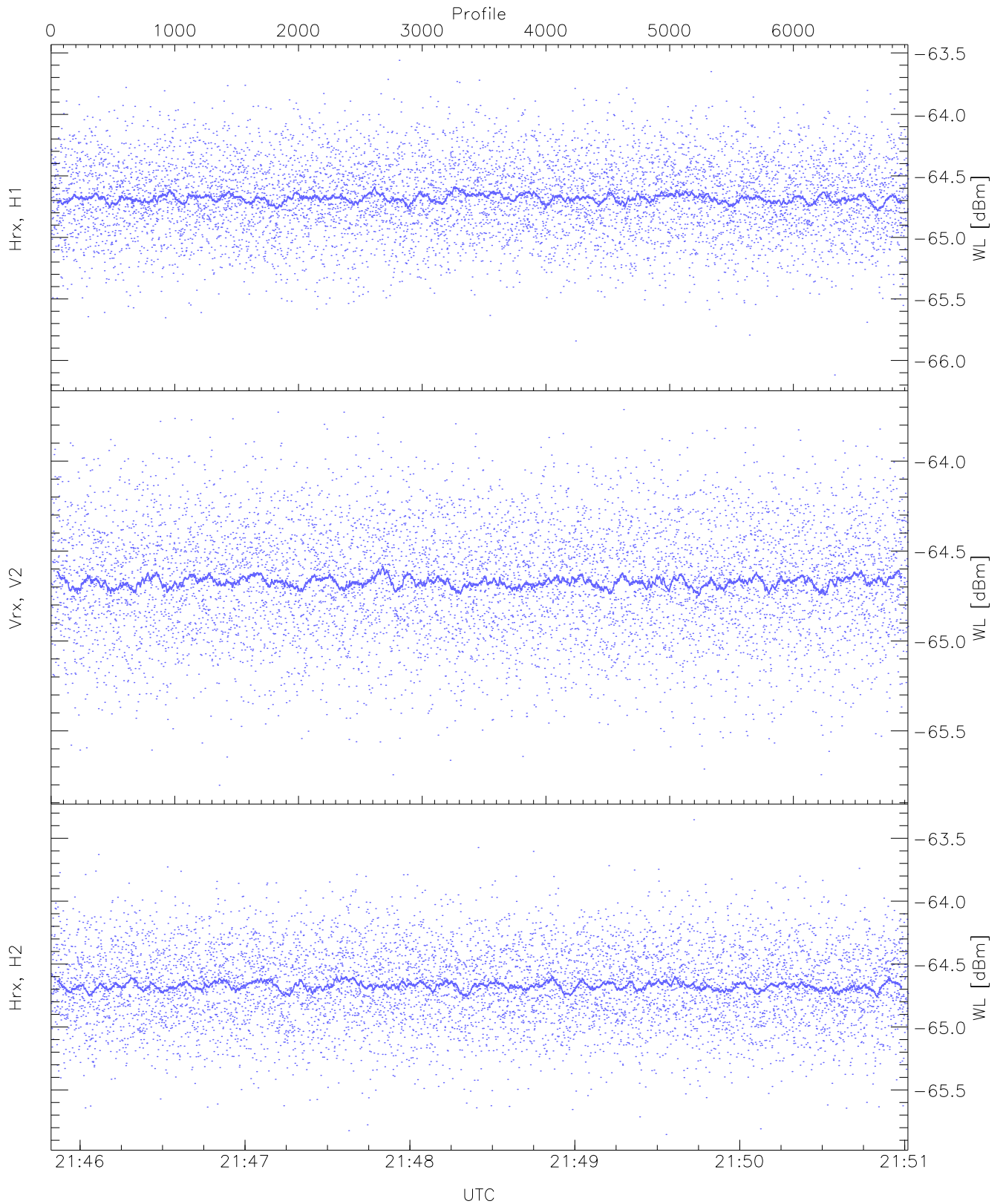
WCR3 CPP Receivers Gain and Noise Figure

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



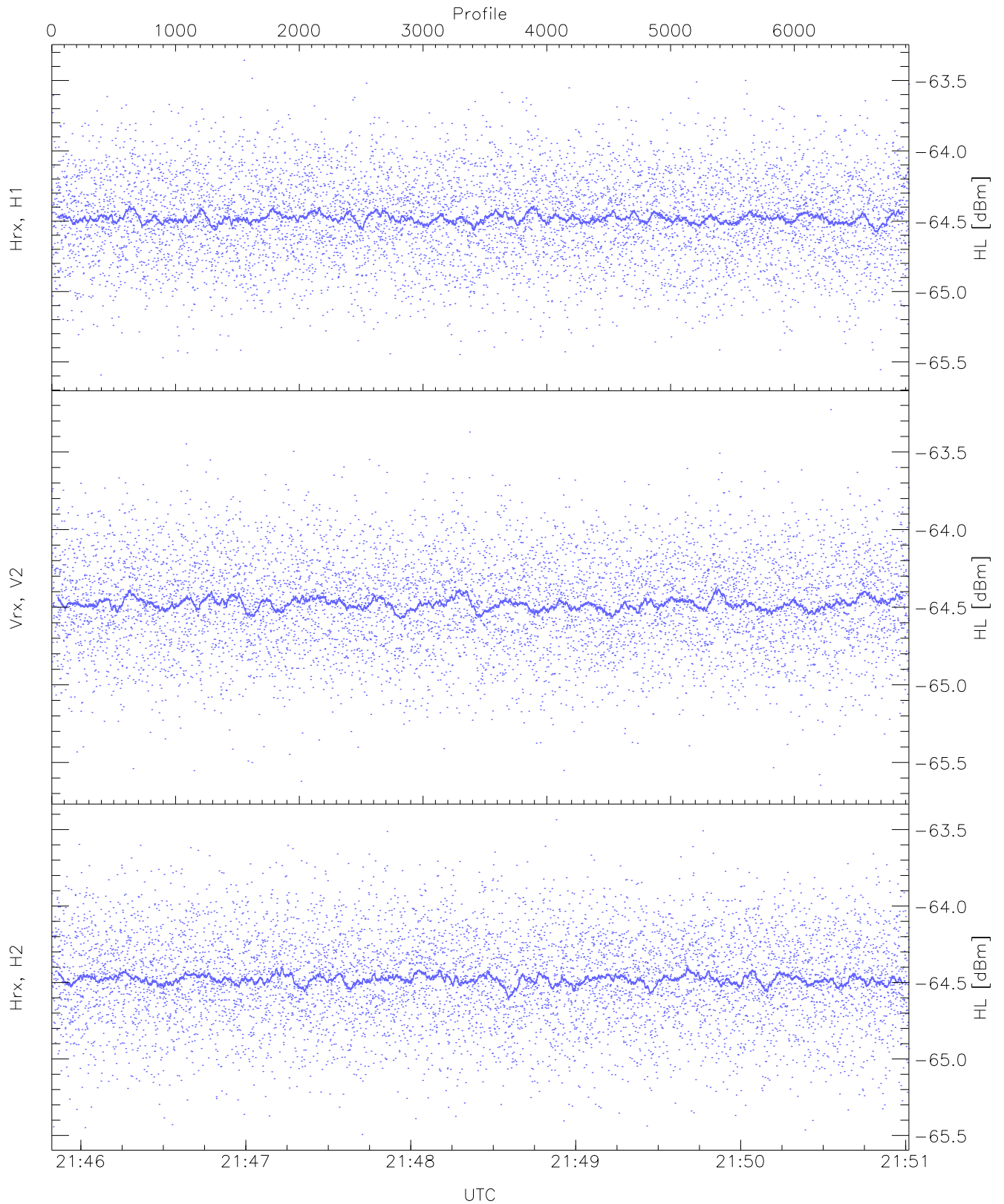
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.23	-64.98	-65.12	-65.12	-86.30
RMPHrxH1(std_dBm)	-75.89	-74.56	-75.14	-75.14	-88.87
RMPVrxV2(mean_dBm)	-64.84	-64.60	-64.72	-64.72	-85.98
RMPVrxV2(std_dBm)	-75.41	-74.07	-74.74	-74.74	-88.54
RMPHrxH2(mean_dBm)	-64.82	-64.58	-64.71	-64.71	-86.10
RMPHrxH2(std_dBm)	-75.45	-74.12	-74.72	-74.73	-88.52



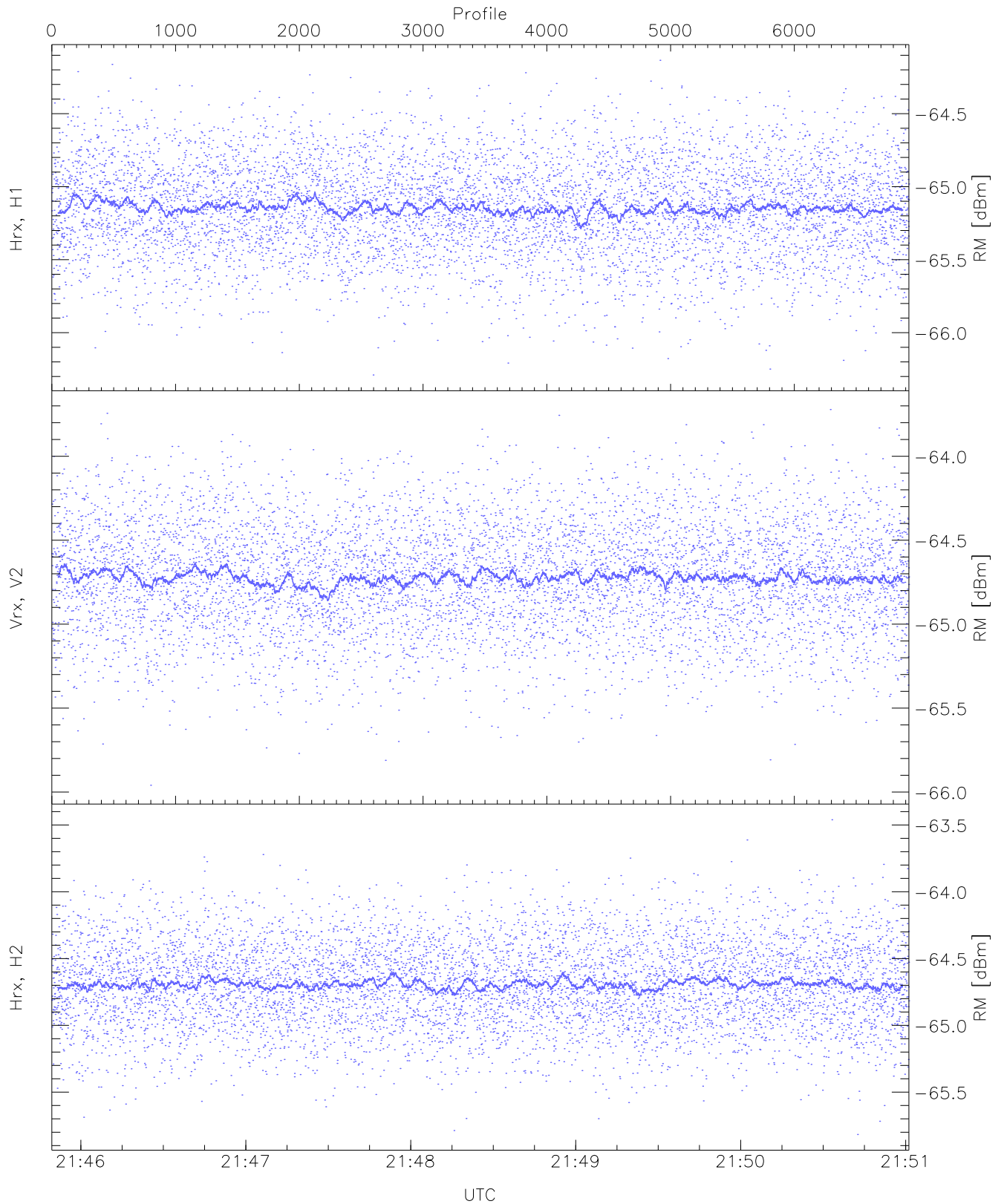
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.12	-63.56	-64.67	-64.68	-76.14
Vrx, V2 (WL [dBm])	-65.80	-63.71	-64.66	-64.67	-76.19
Hrx, H2 (WL [dBm])	-65.85	-63.35	-64.66	-64.67	-76.14



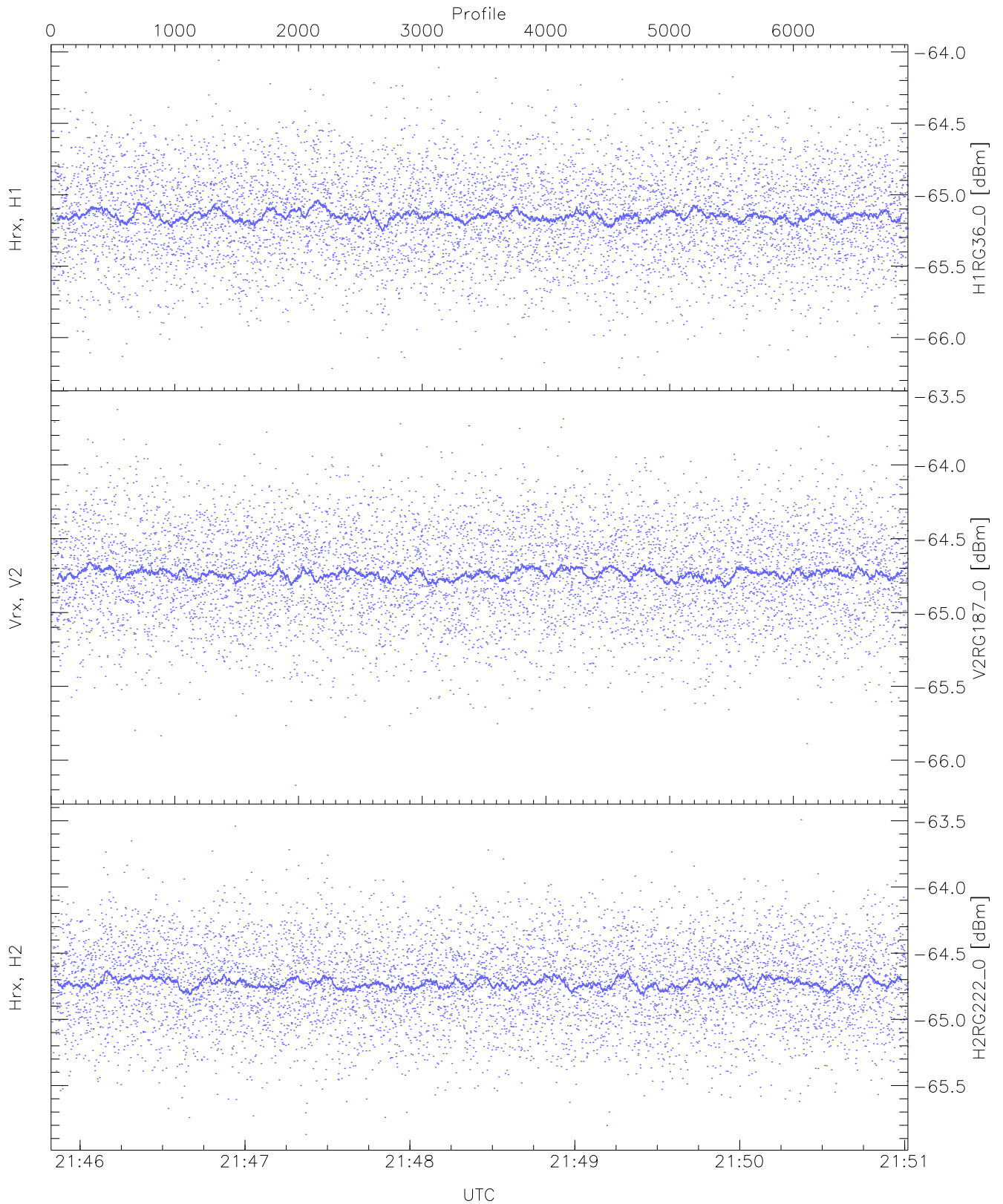
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.59	-63.36	-64.47	-64.47	-76.01
Vrx, V2 (HL [dBm])	-65.65	-63.23	-64.47	-64.48	-76.07
Hrx, H2 (HL [dBm])	-65.49	-63.44	-64.47	-64.48	-76.10



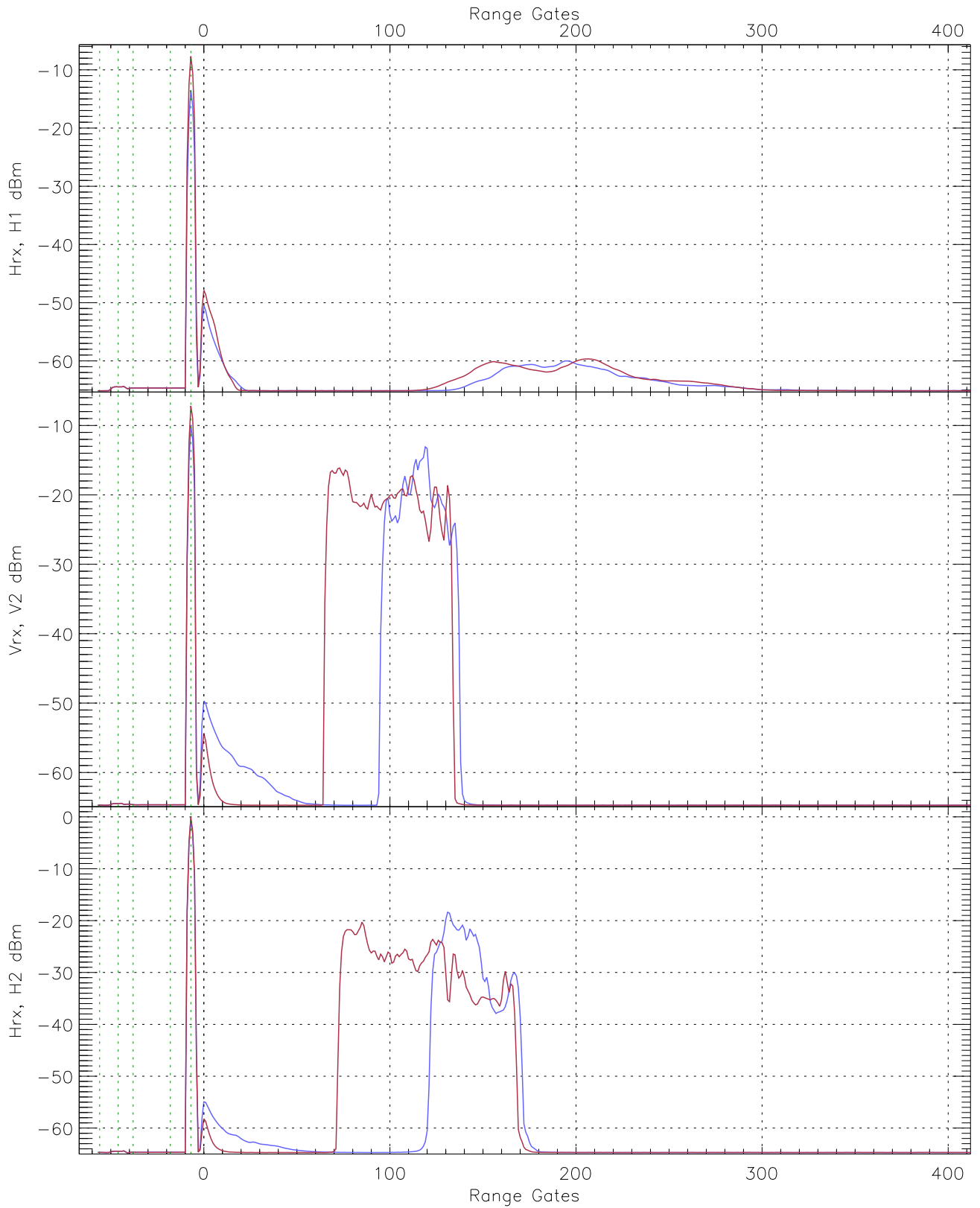
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.29	-64.13	-65.14	-65.14	-76.64
Vrx, V2 (RM [dBm])	-65.96	-63.72	-64.72	-64.72	-76.19
Hrx, H2 (RM [dBm])	-65.82	-63.46	-64.68	-64.69	-76.22

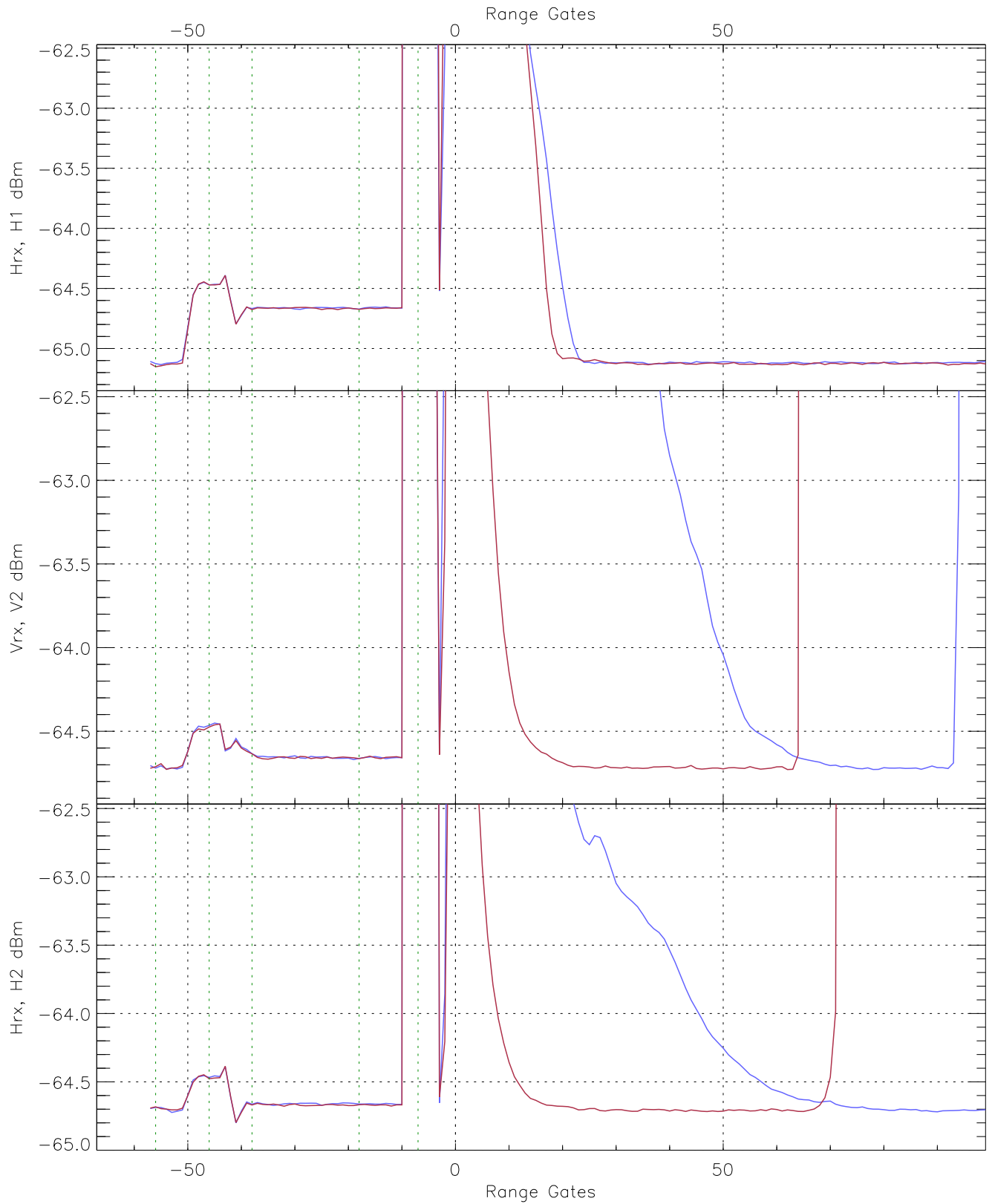


WCR3 CPP "Best" estimate Receivers Noise Power

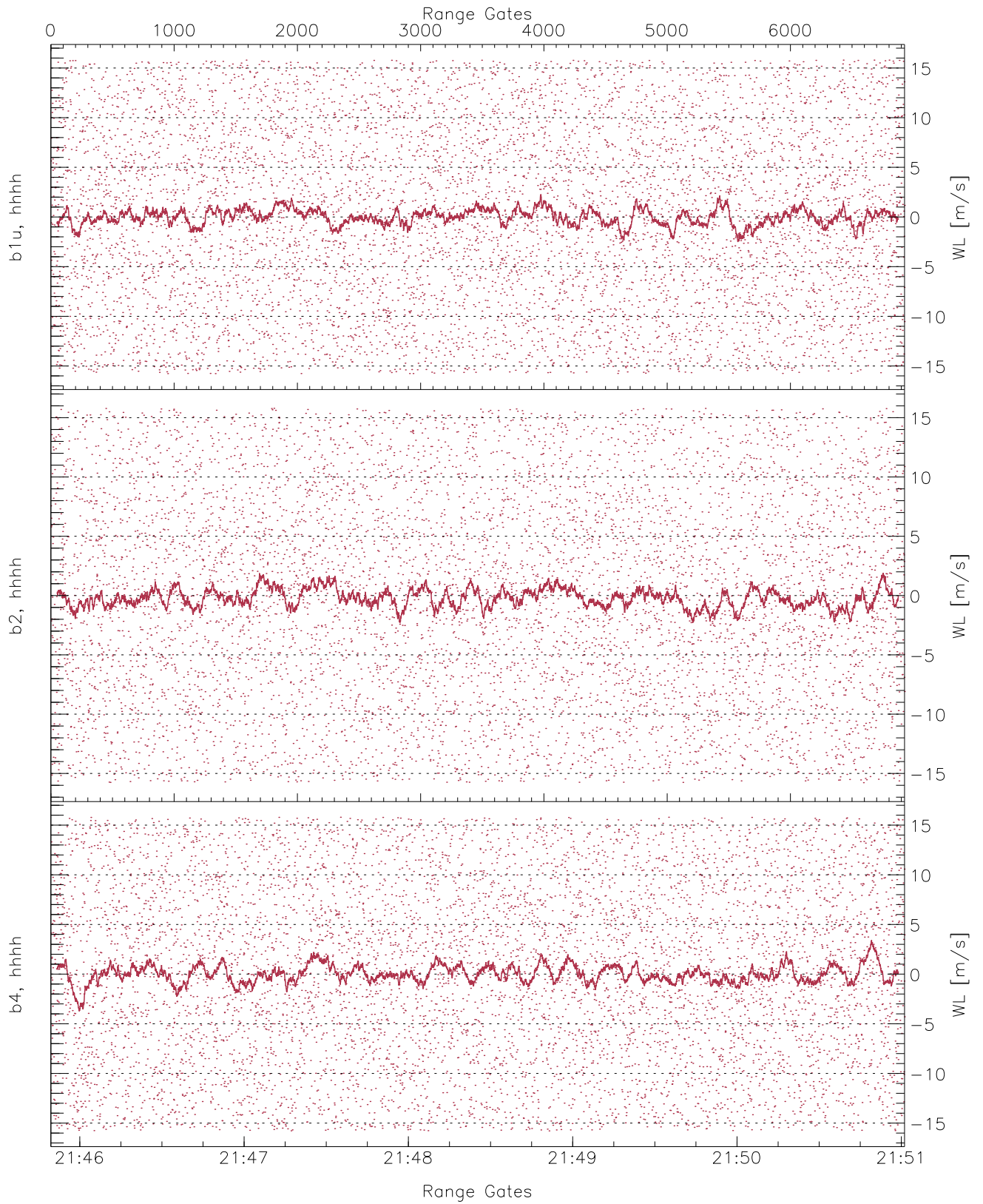
	Min	Max	Mean	Median	StDev
H1RG36_0 [dBm]	-66.26	-64.06	-65.14	-65.15	-76.68
V2RG187_0 [dBm]	-66.17	-63.63	-64.73	-64.74	-76.18
H2RG222_0 [dBm]	-65.87	-63.49	-64.72	-64.72	-76.23



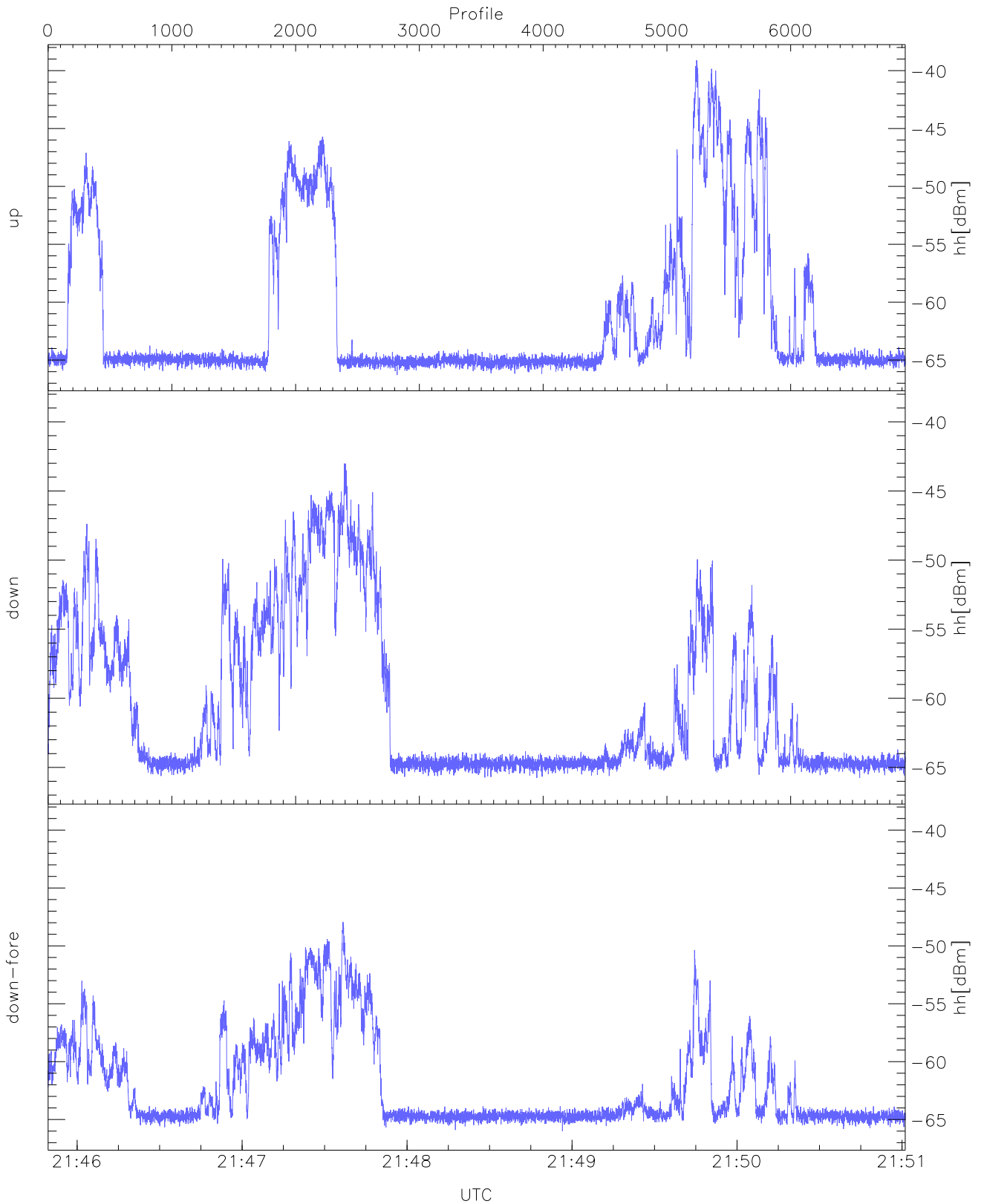
WCR3 CPP Averaged Received power for all recorded gates
blue: 214549-214825, 3464 profiles averaged
red: 214825-215101, 3464 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 214549-214825, 3464 profiles averaged
red: 214825-215101, 3464 profiles averaged

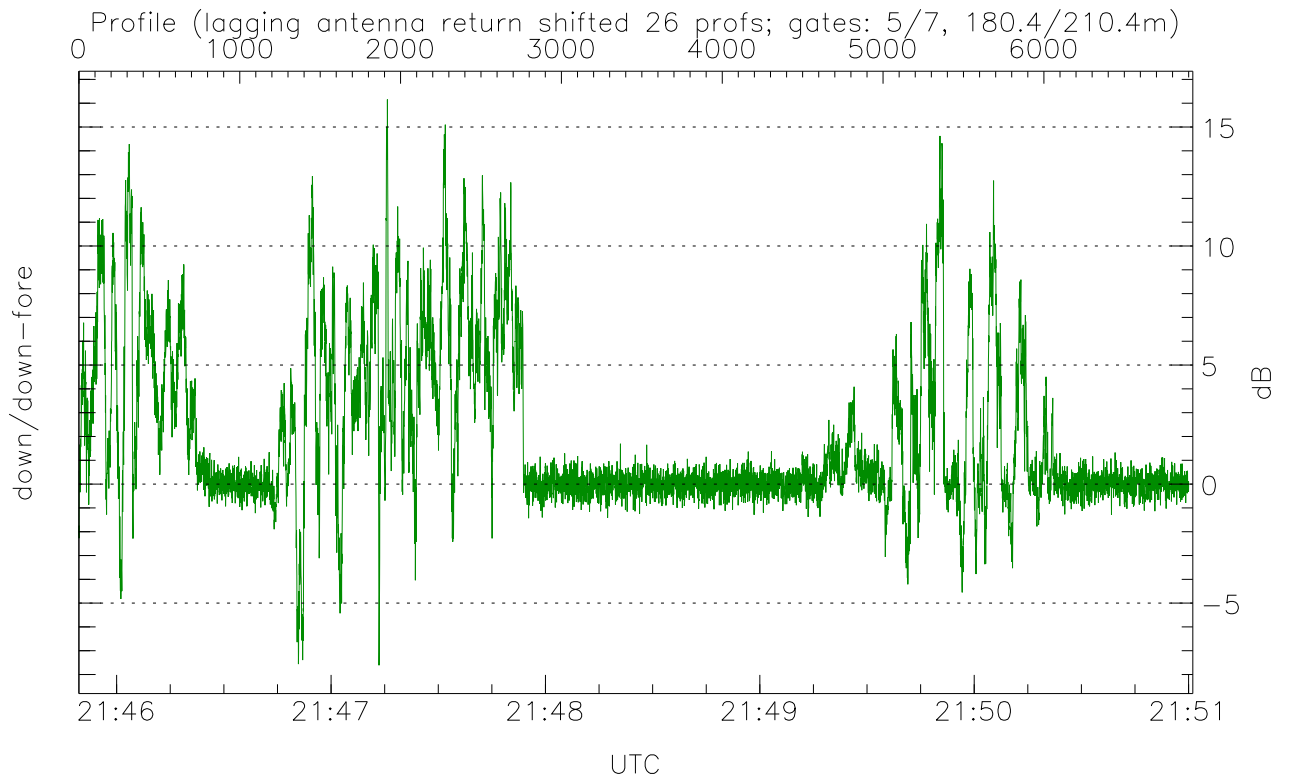
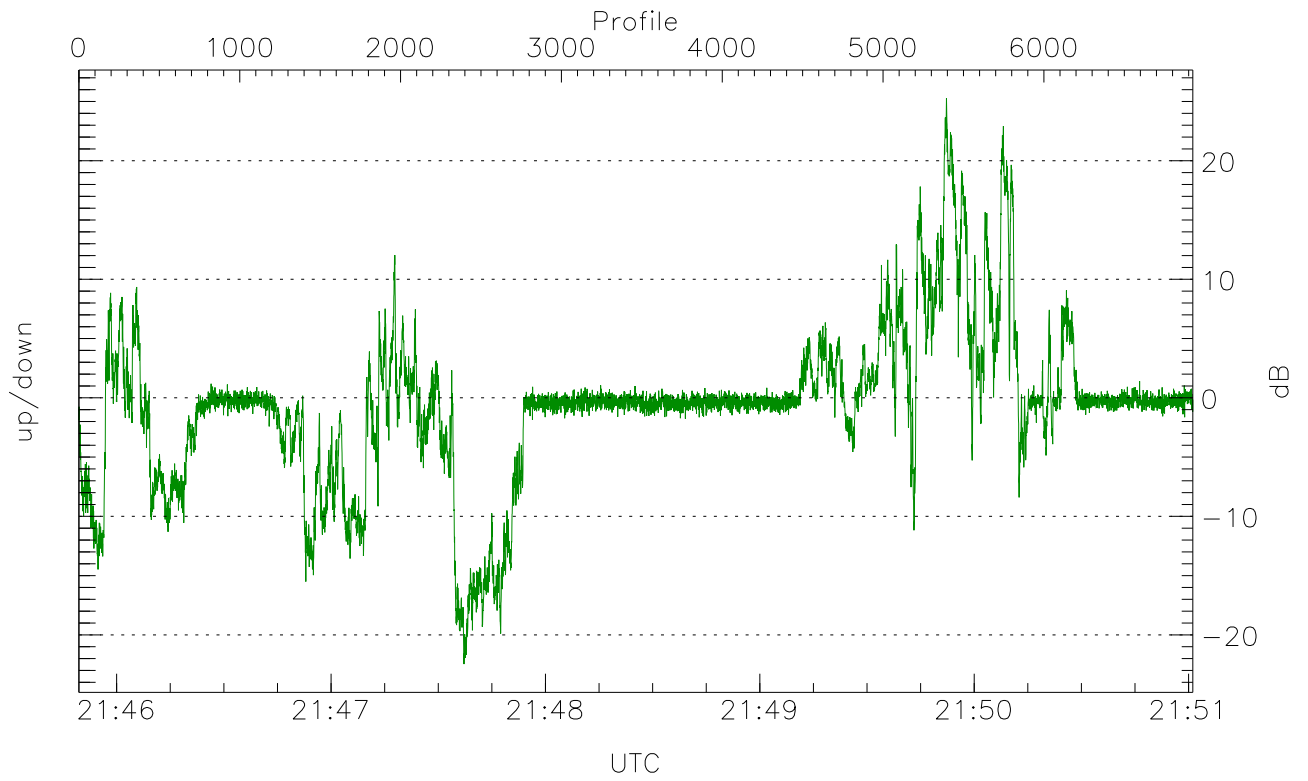


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



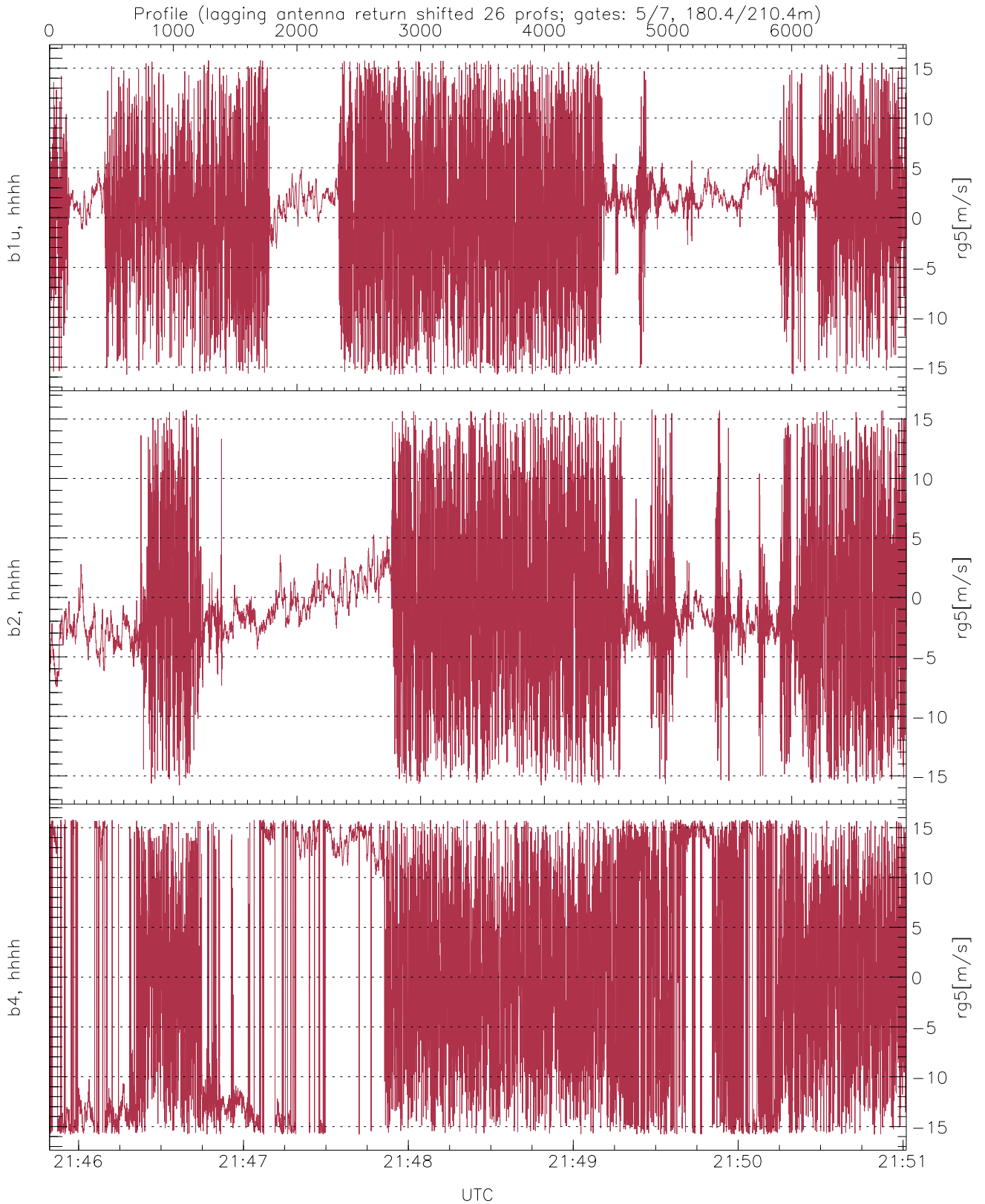
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.29	-39.11	-54.27
down(hh[dBm])	-65.75	-43.02	-55.88
down-fore(hh[dBm])	-65.99	-47.92	-59.70



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

	Min	Max	Mean
up/down (dB)	-22.46	25.27	-0.73
down/down-fore (dB)	-7.61	16.15	2.00



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.80	6.44
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.75	6.08
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.03	11.54