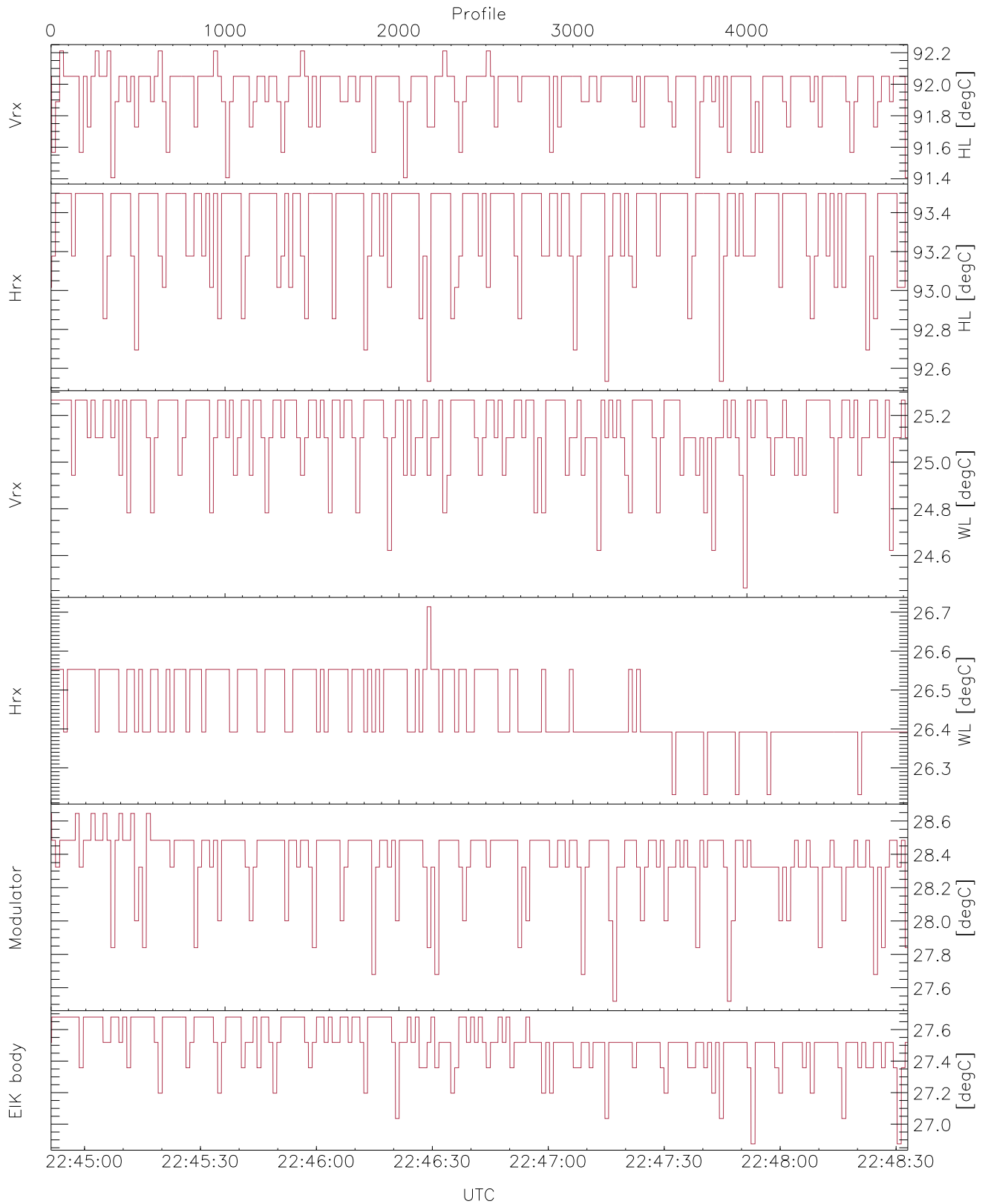


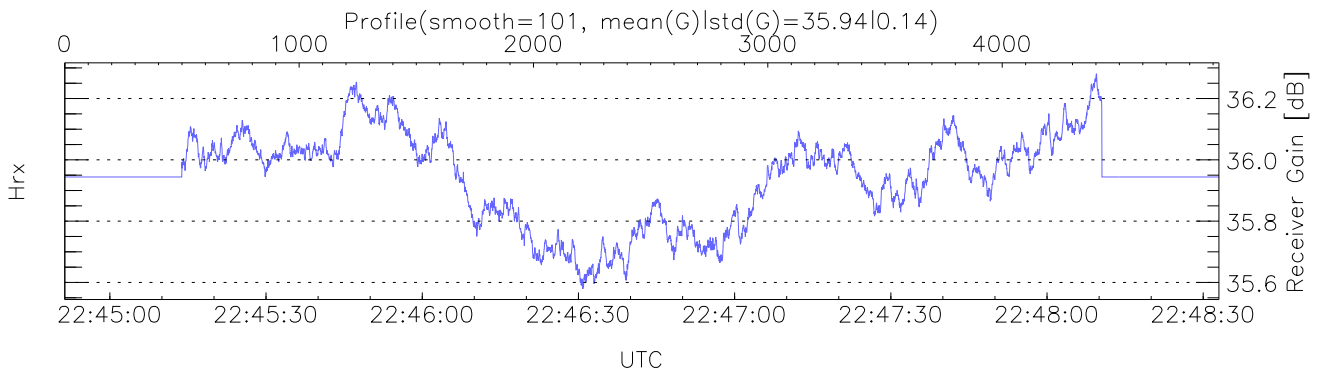
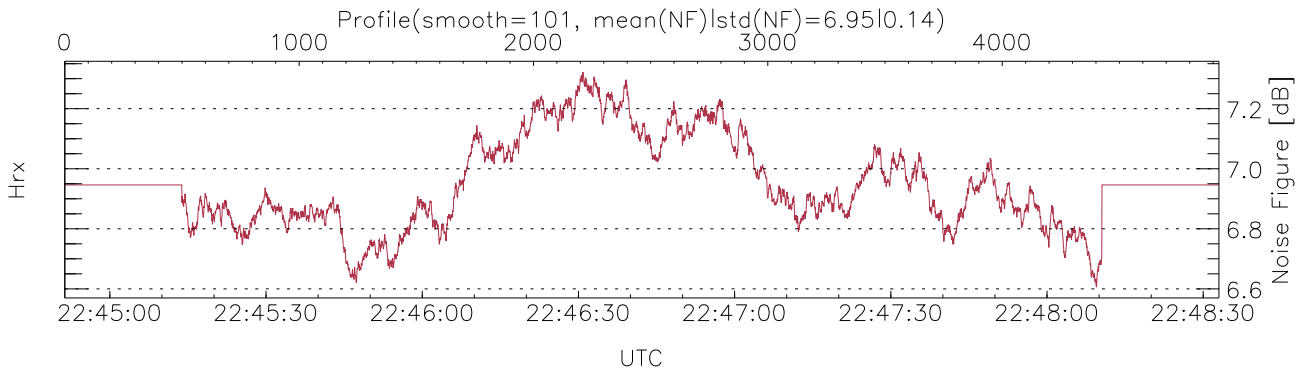
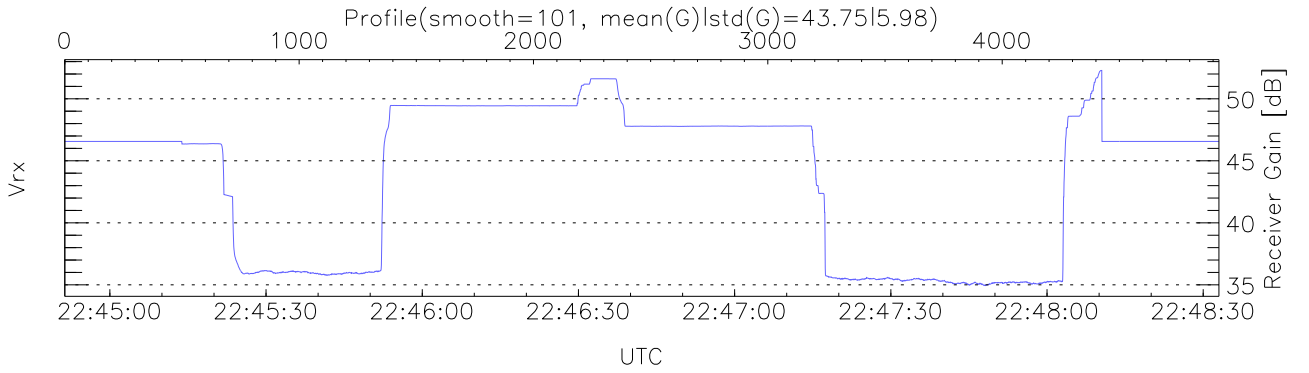
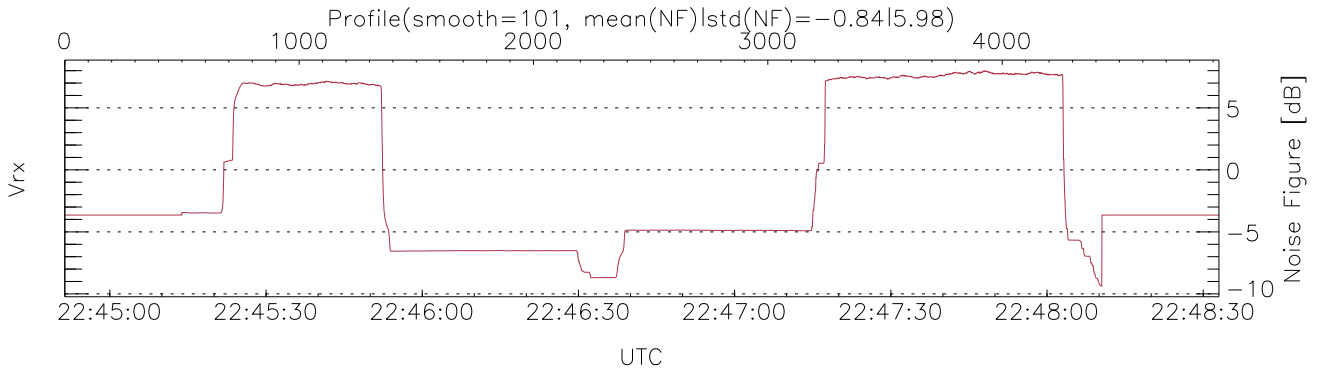
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:44:51-22:48:33, TimeCor: 0.00s, Dur: 221.68s
 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): 4926/4926, 0-4925/22:44:51-22:48:33
 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



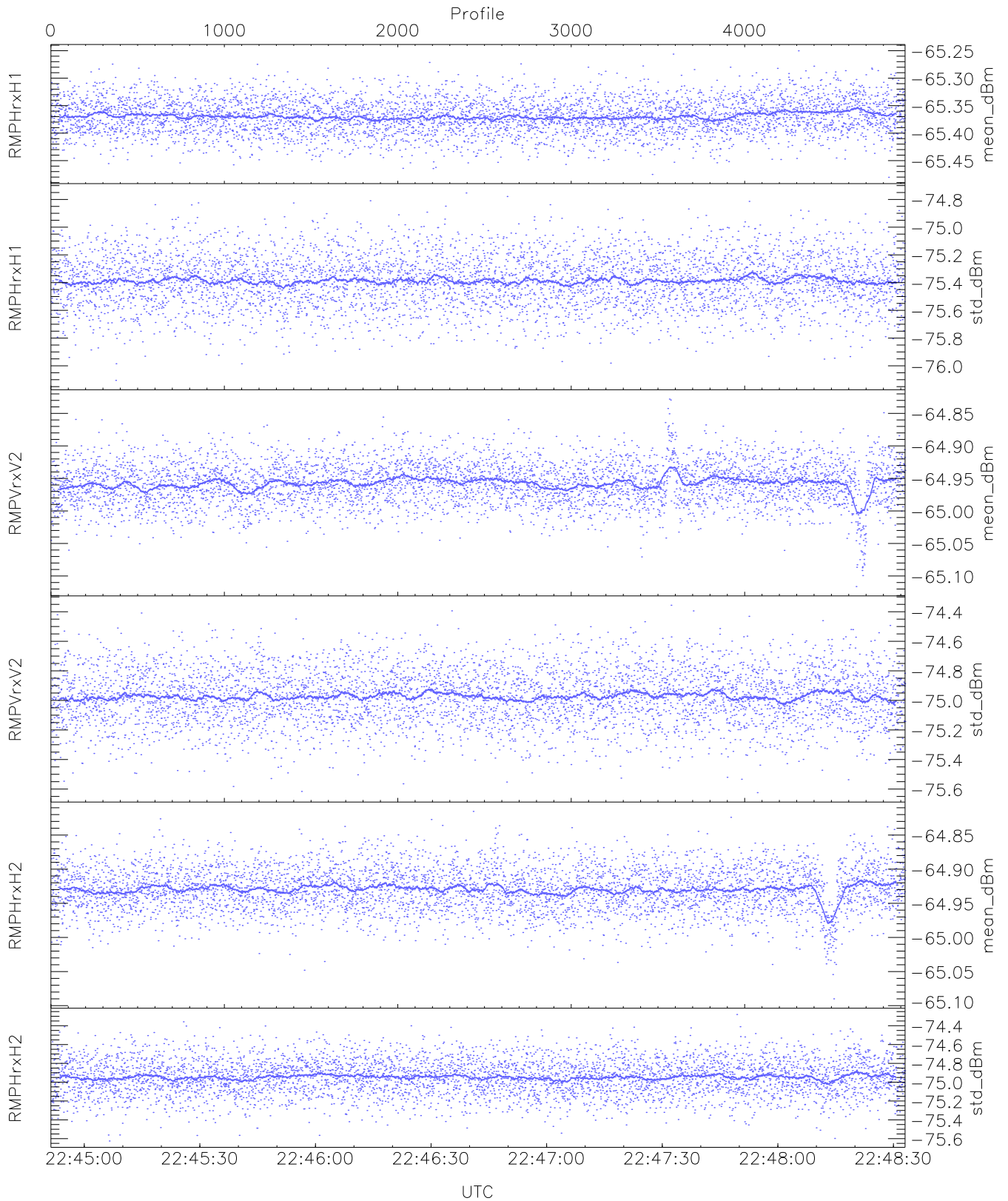
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



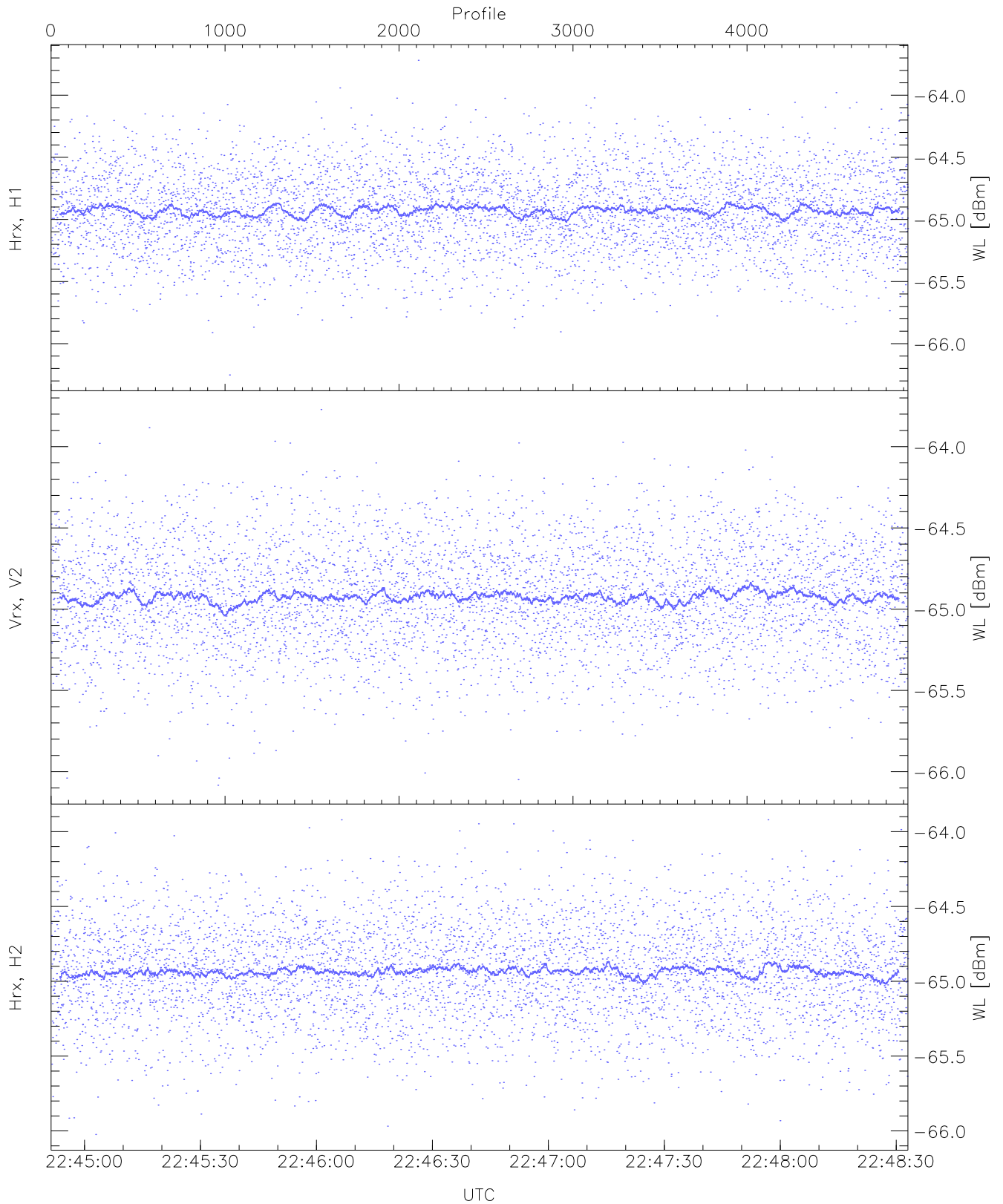
WCR3 CPP Receivers Gain and Noise Figure

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



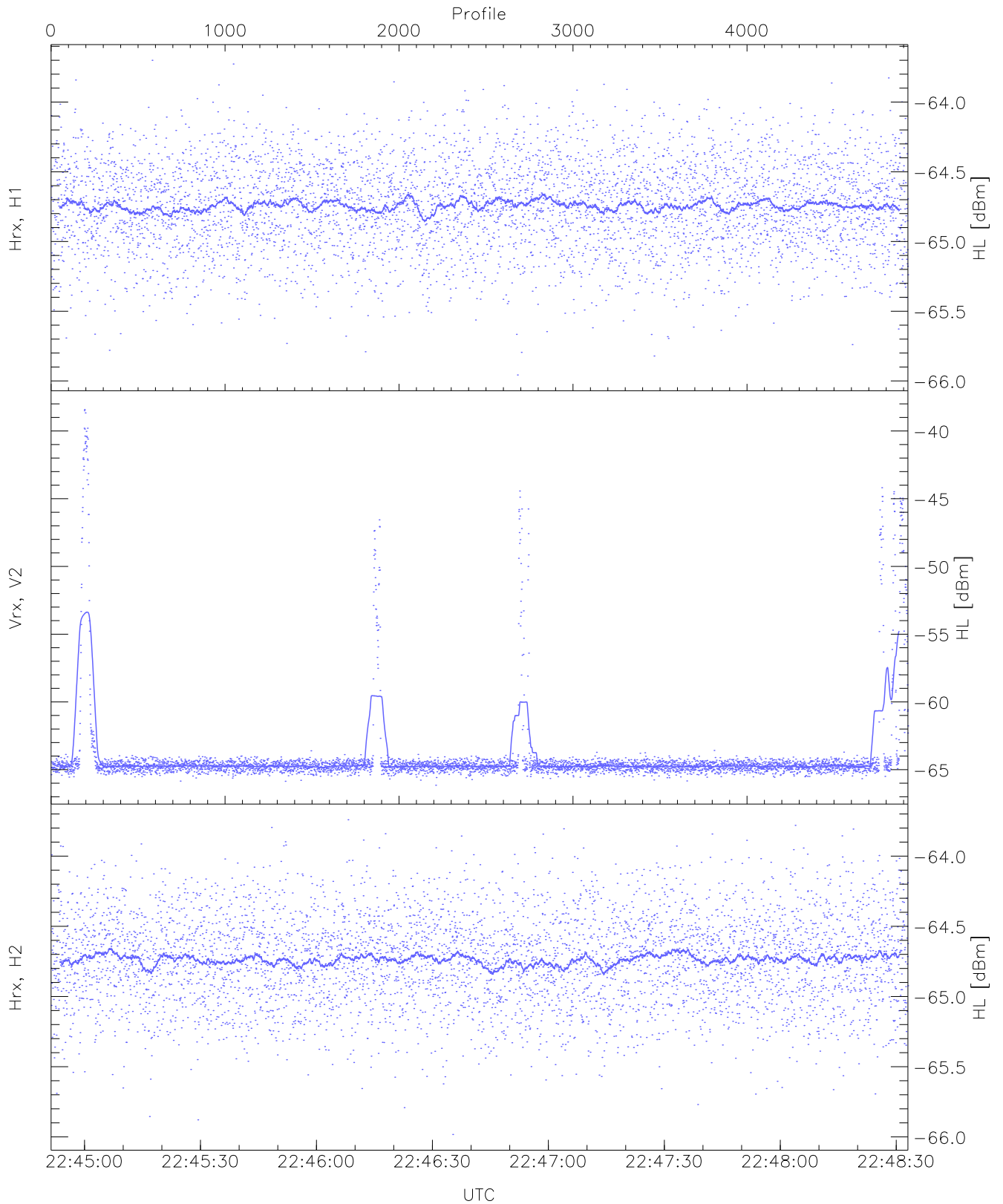
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.48	-65.25	-65.37	-65.37	-86.89
RMPHrxH1 (std_dBm)	-76.11	-74.75	-75.38	-75.39	-89.14
RMPVrxV2 (mean_dBm)	-65.12	-64.83	-64.96	-64.96	-86.31
RMPVrxV2 (std_dBm)	-75.62	-74.36	-74.97	-74.97	-88.83
RMPHrxH2 (mean_dBm)	-65.09	-64.82	-64.93	-64.93	-86.36
RMPHrxH2 (std_dBm)	-75.63	-74.28	-74.94	-74.95	-88.71



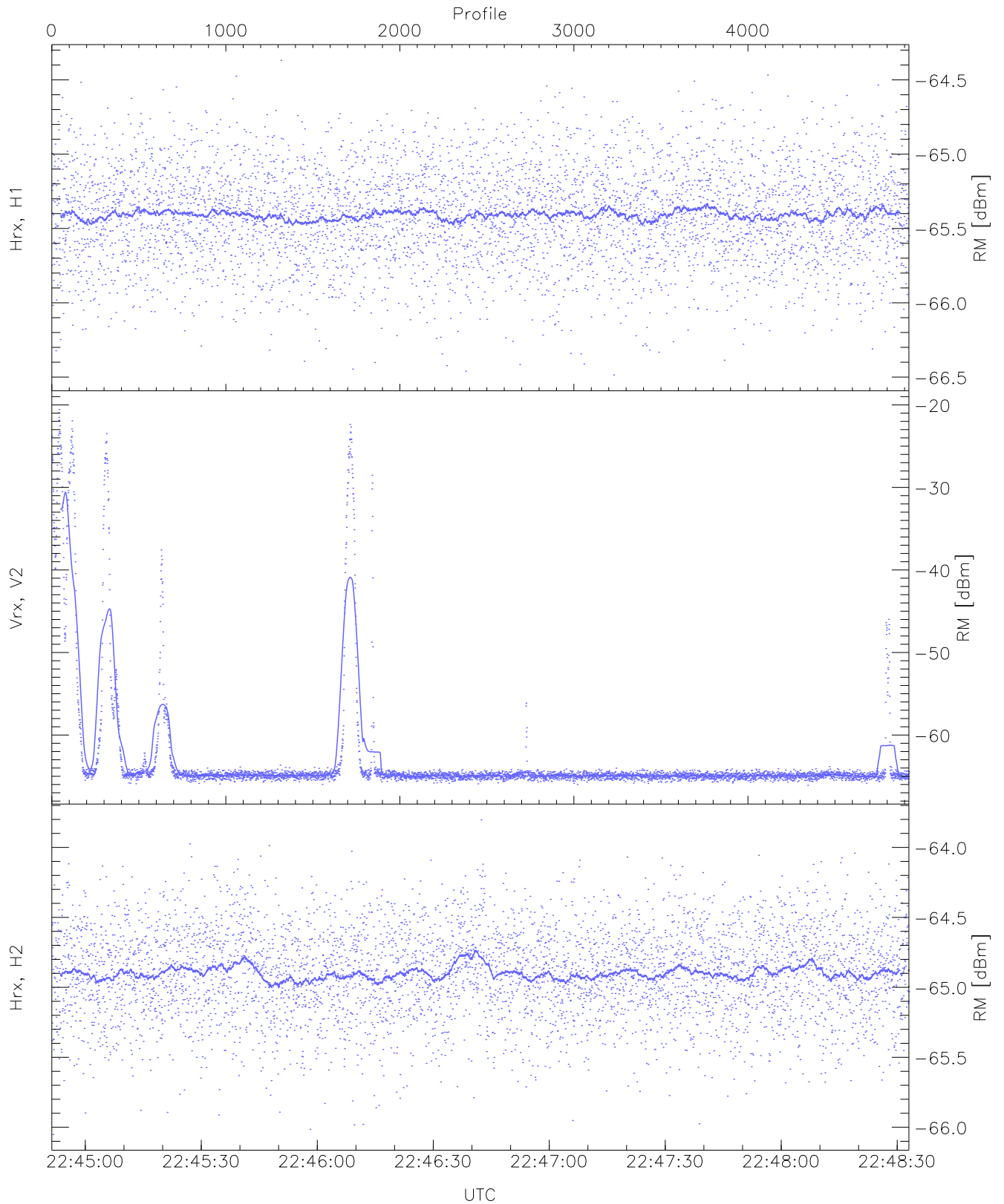
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.25	-63.72	-64.92	-64.93	-76.41
Vrx, V2 (WL [dBm])	-66.08	-63.77	-64.92	-64.92	-76.46
Hrx, H2 (WL [dBm])	-66.02	-63.92	-64.93	-64.93	-76.48



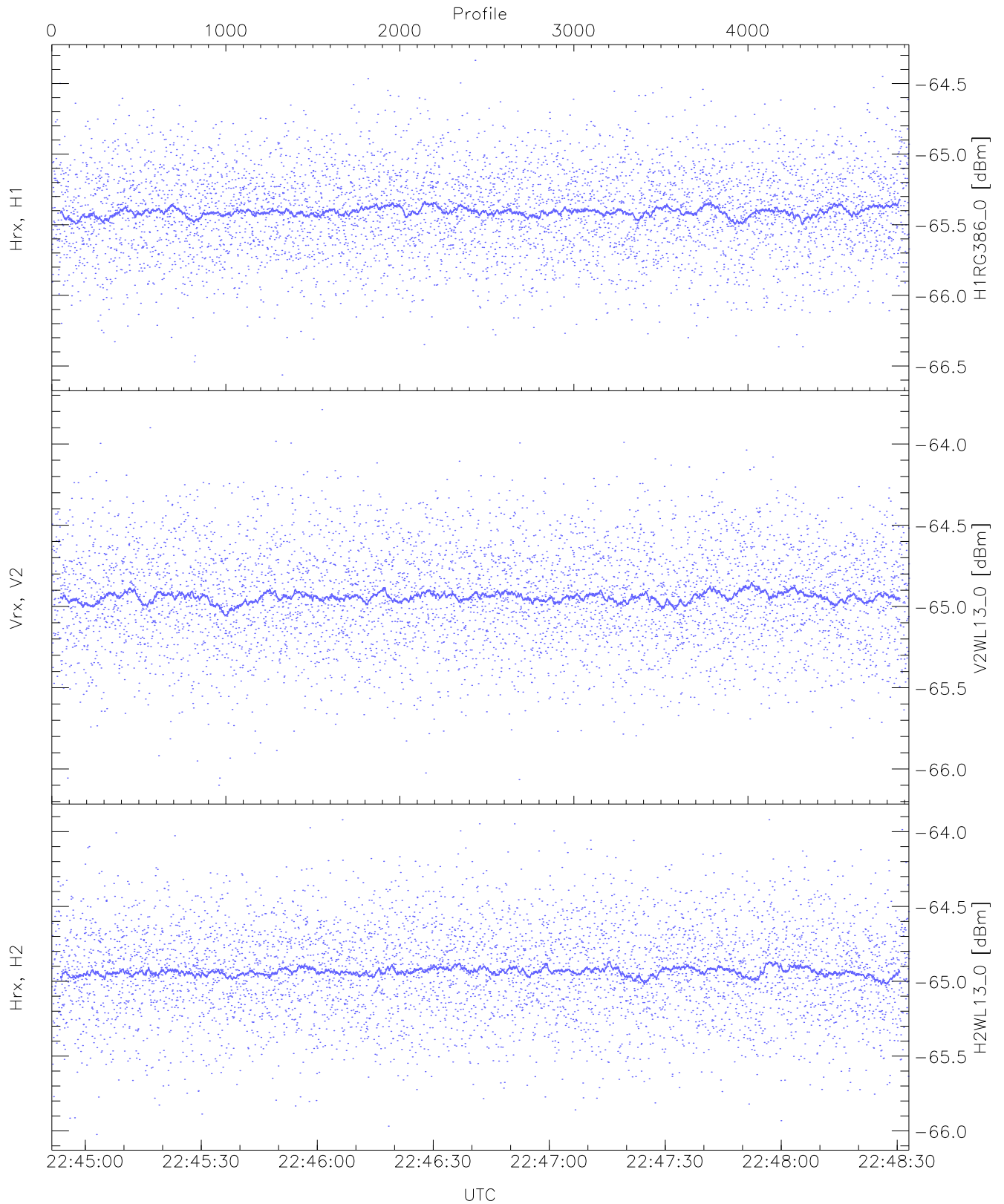
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.70	-64.74	-64.74	-76.26
Vrx, V2 (HL [dBm])	-66.15	-38.42	-58.79	-64.73	-51.33
Hrx, H2 (HL [dBm])	-65.98	-63.74	-64.73	-64.73	-76.18



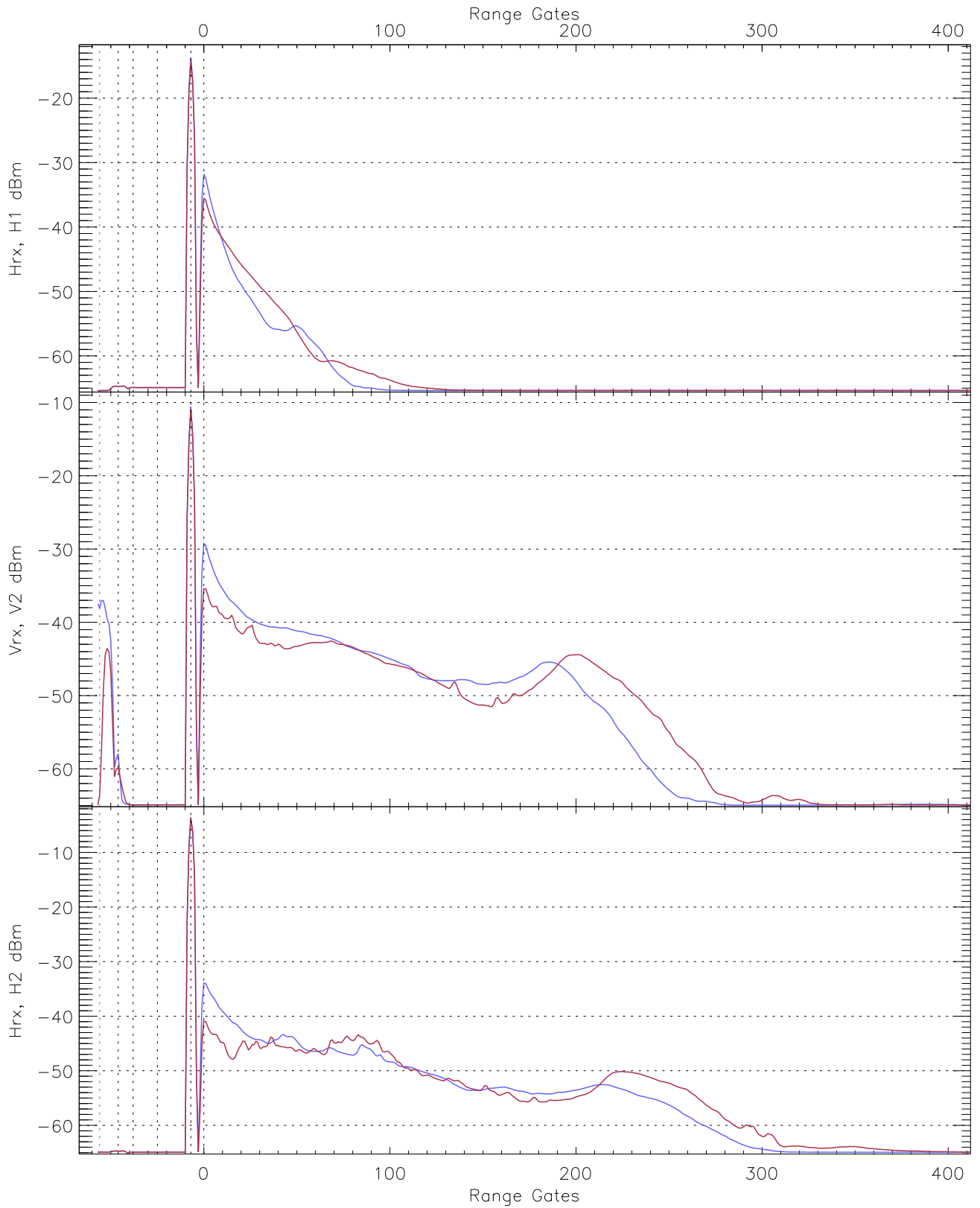
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.49	-64.37	-65.40	-65.40	-76.89
Vrx, V2 (RM [dBm])	-66.09	-20.56	-41.00	-64.84	-33.02
Hrx, H2 (RM [dBm])	-66.05	-63.80	-64.89	-64.89	-76.38

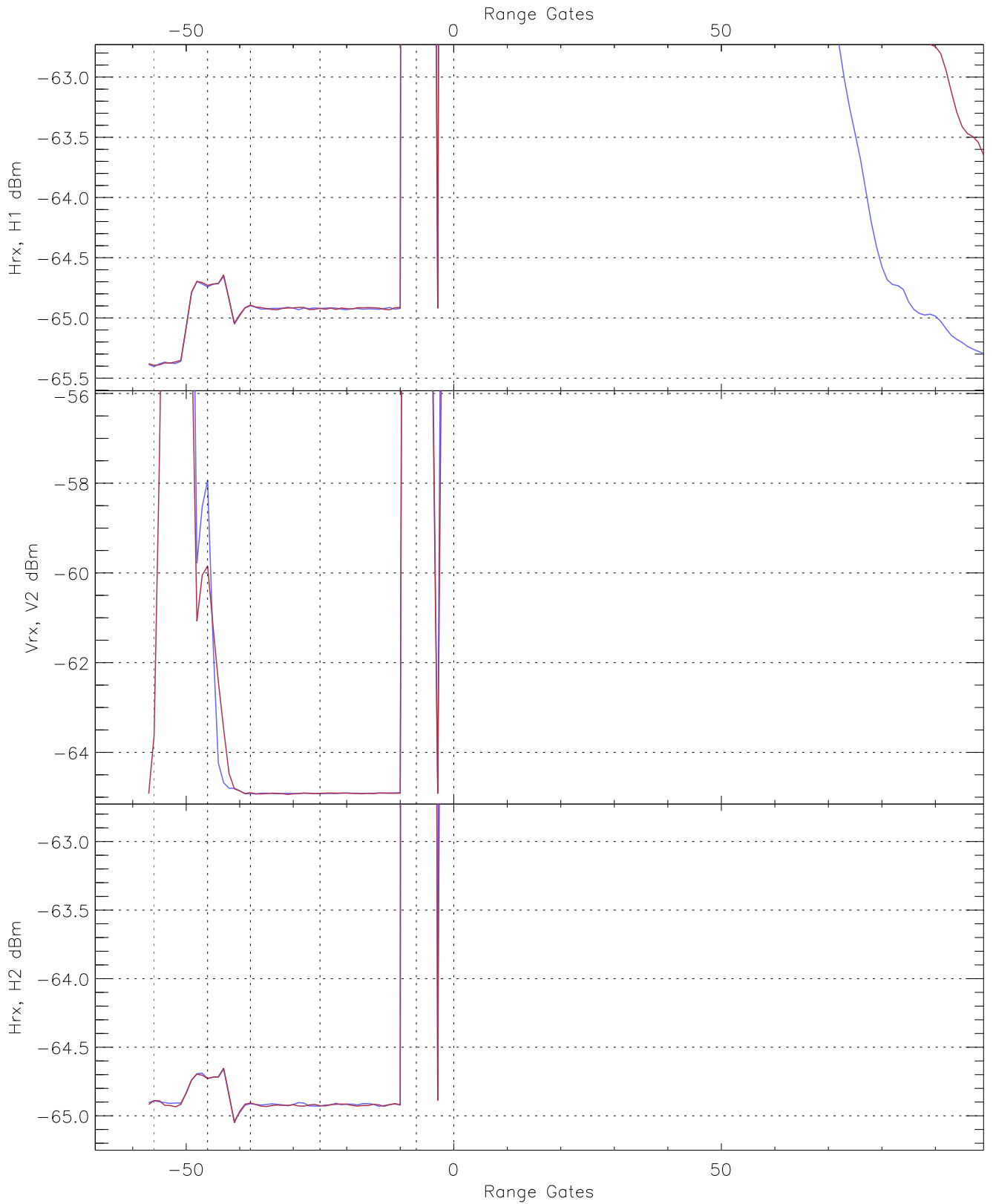


WCR3 CPP "Best" estimate Receivers Noise Power

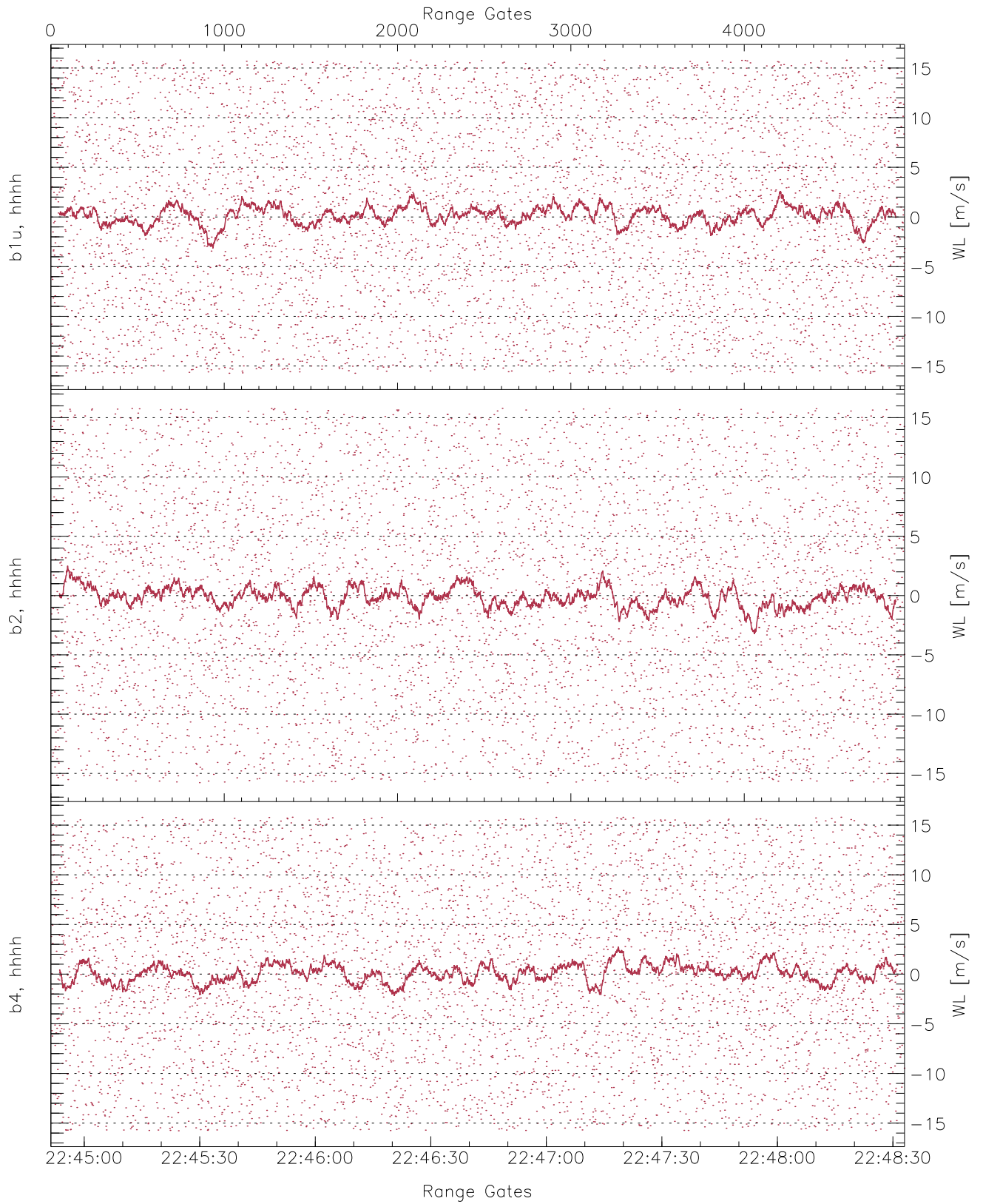
	Min	Max	Mean	Median	StDev
H1RG386_0 [dBm]	-66.56	-64.34	-65.40	-65.41	-76.99
V2WL13_0 [dBm]	-66.10	-63.79	-64.93	-64.94	-76.48
H2WL13_0 [dBm]	-66.02	-63.92	-64.93	-64.93	-76.48



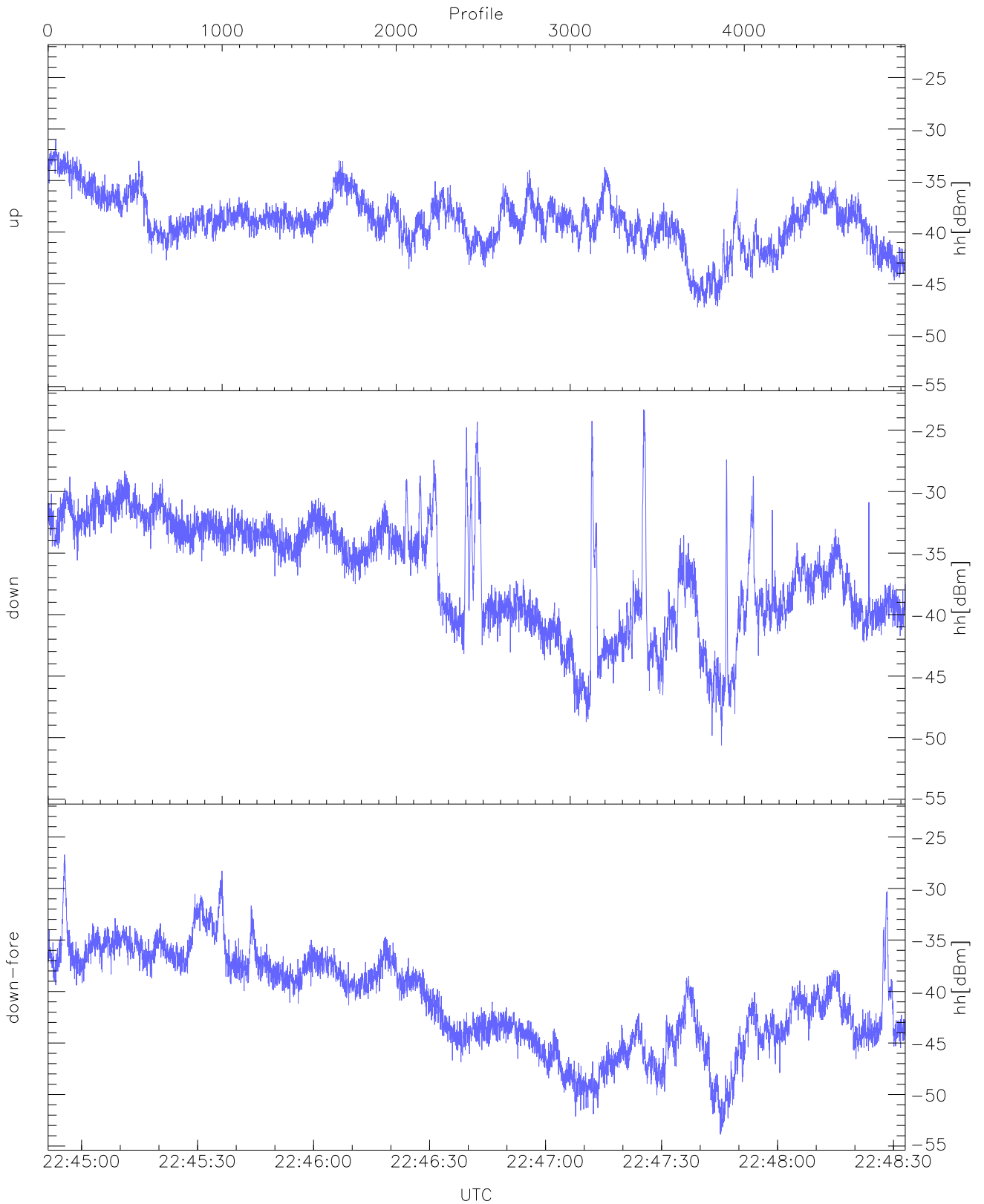
WCR3 CPP Averaged Received power for all recorded gates
blue: 224451-224642, 2464 profiles averaged
red: 224642-224833, 2463 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 224451-224642, 2464 profiles averaged
red: 224642-224833, 2463 profiles averaged

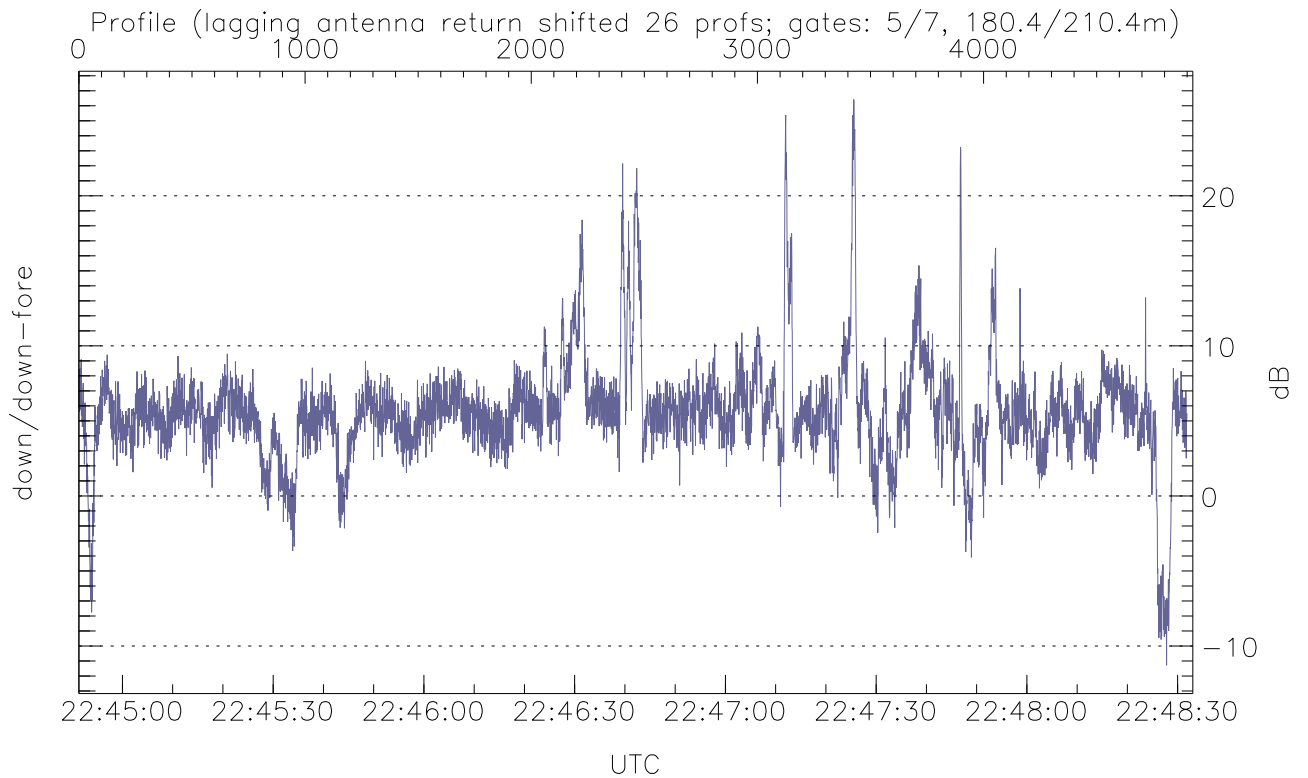
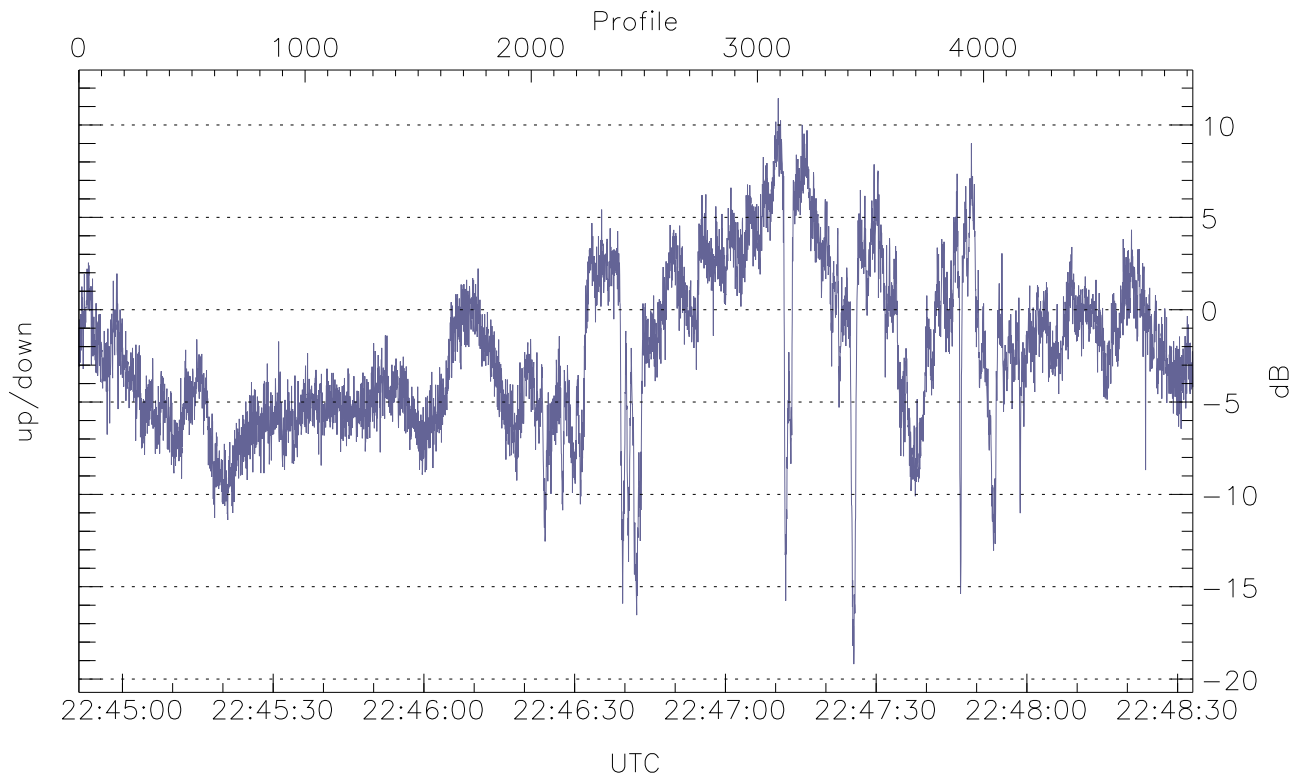


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



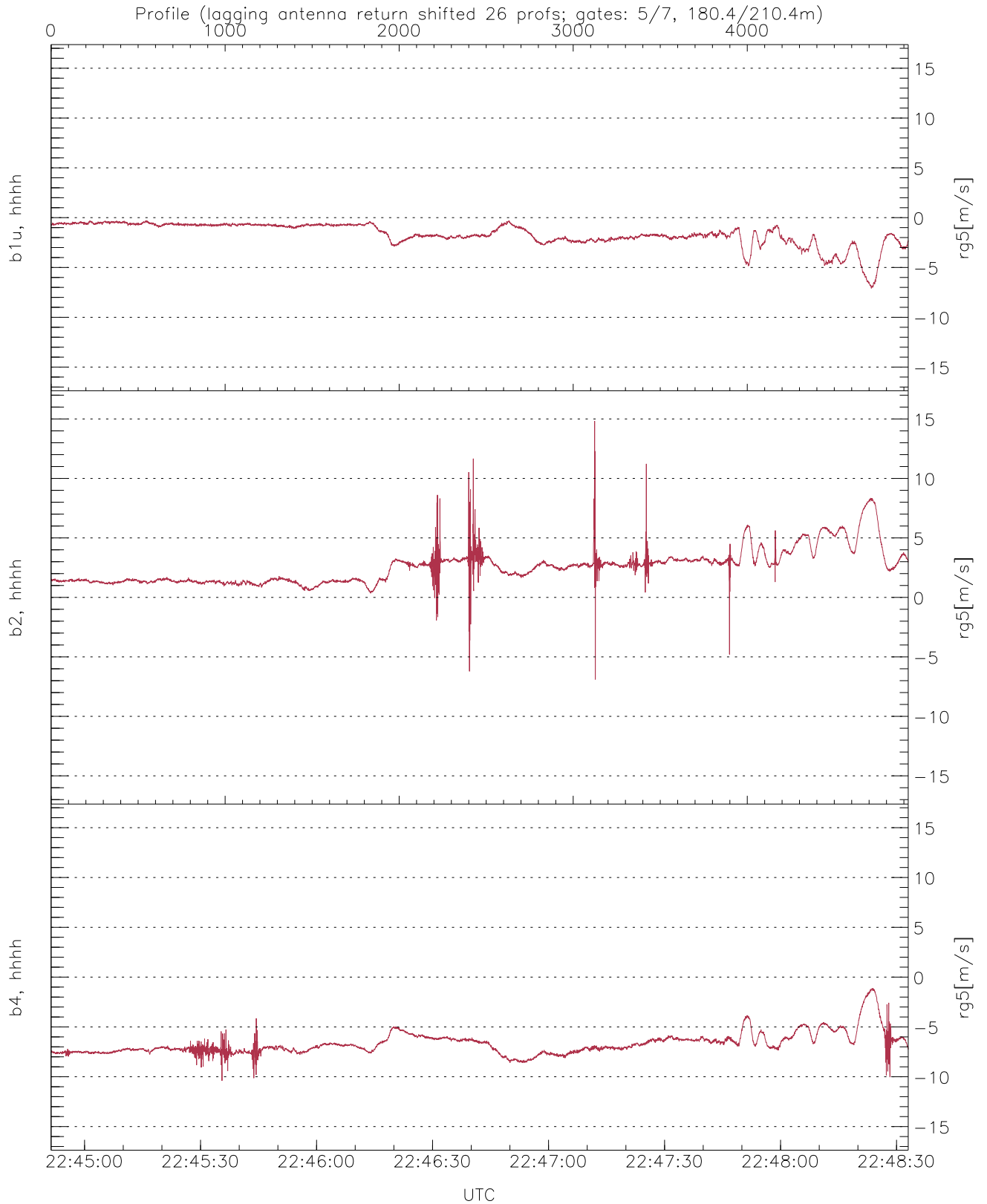
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-47.32	-31.05	-38.25
down(hh[dBm])	-50.63	-23.33	-34.62
down-fore(hh[dBm])	-53.87	-26.72	-38.70



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

	Min	Max	Mean
up/down (dB)	-19.19	11.45	-2.32
down/down-fore (dB)	-11.29	26.42	5.59



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-7.09	-0.28	-1.68	1.16
b2, hhhh(rg5[m/s])	-6.90	14.82	2.58	1.51
b4, hhhh(rg5[m/s])	-10.40	-1.10	-6.68	1.13