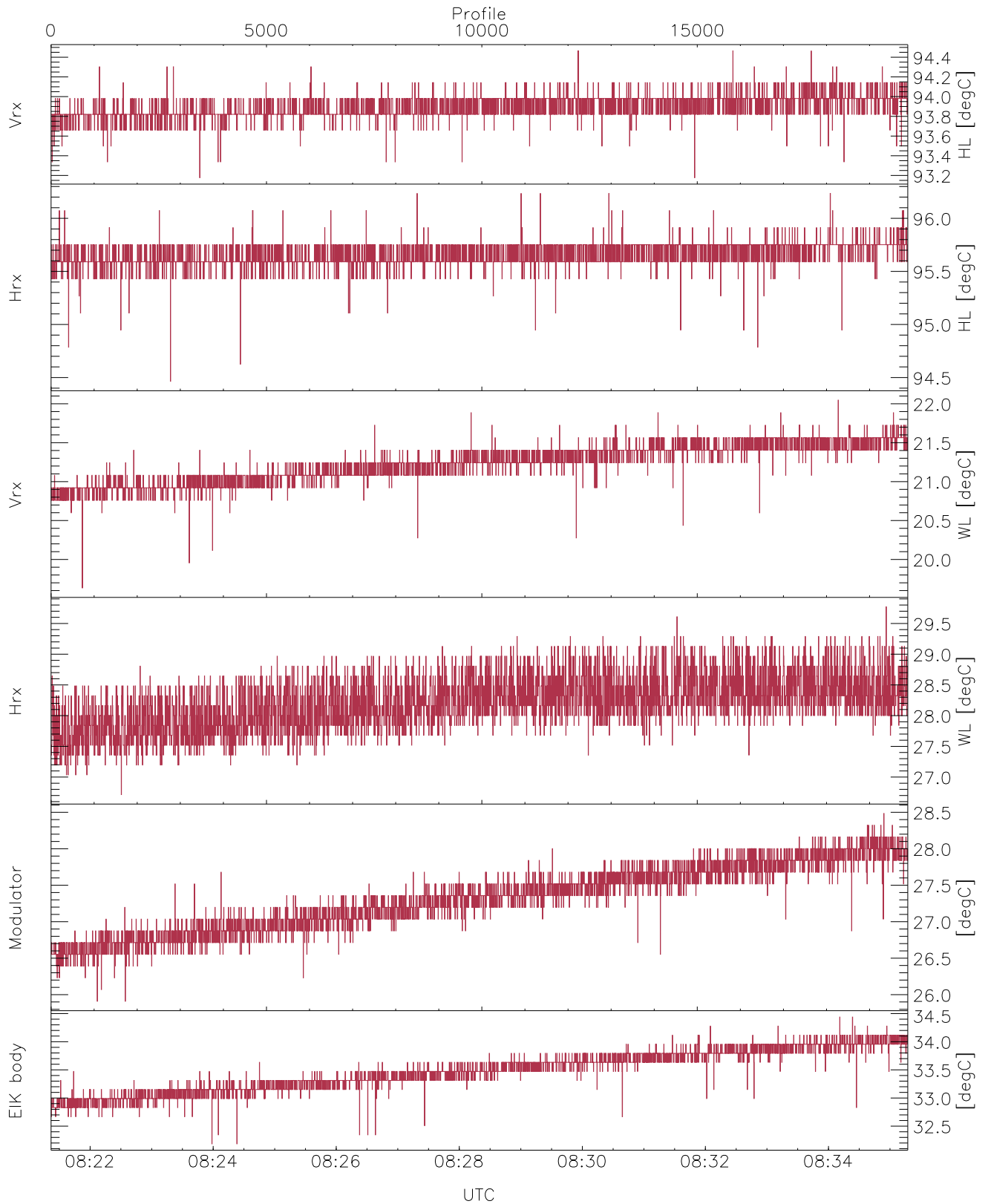


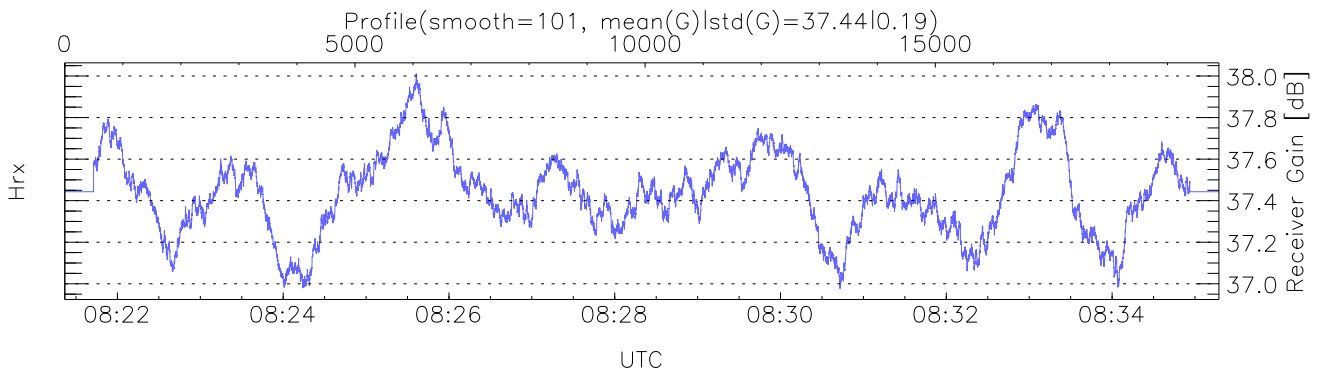
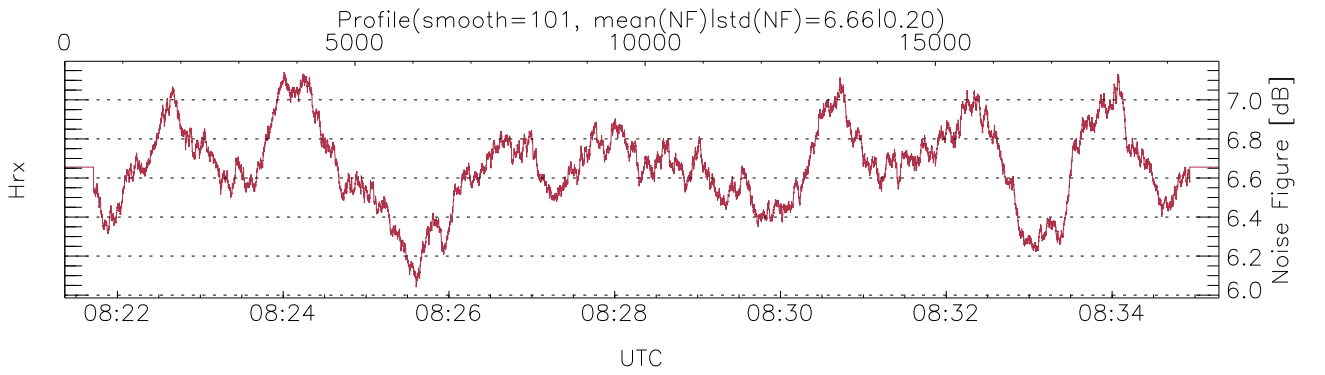
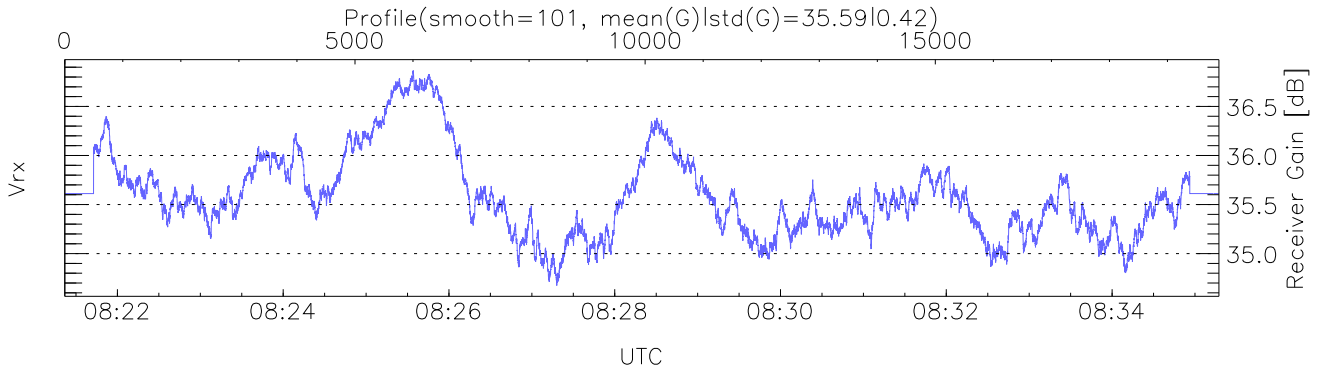
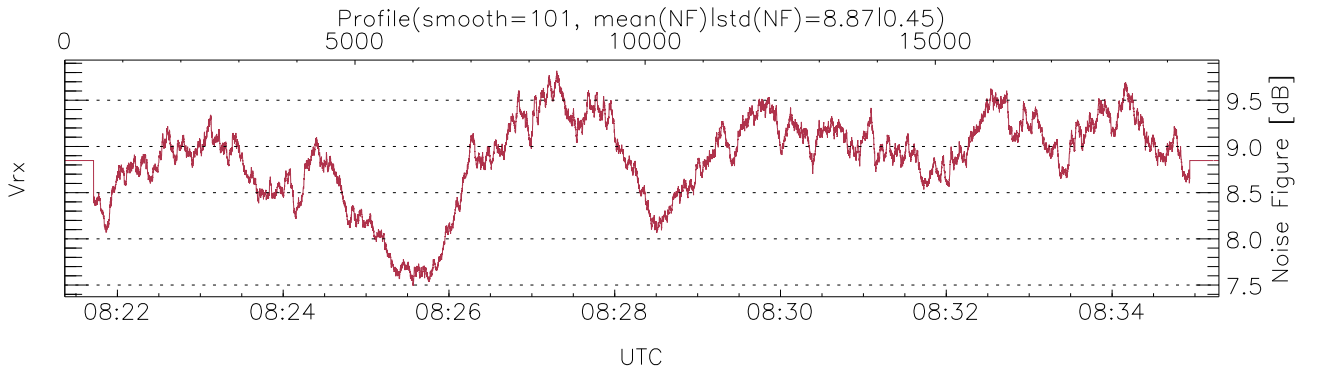
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 08:21:22-08:35:17, Dur: 835.46s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 19888/19888, 0-19887/08:21:22-08:35:17
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



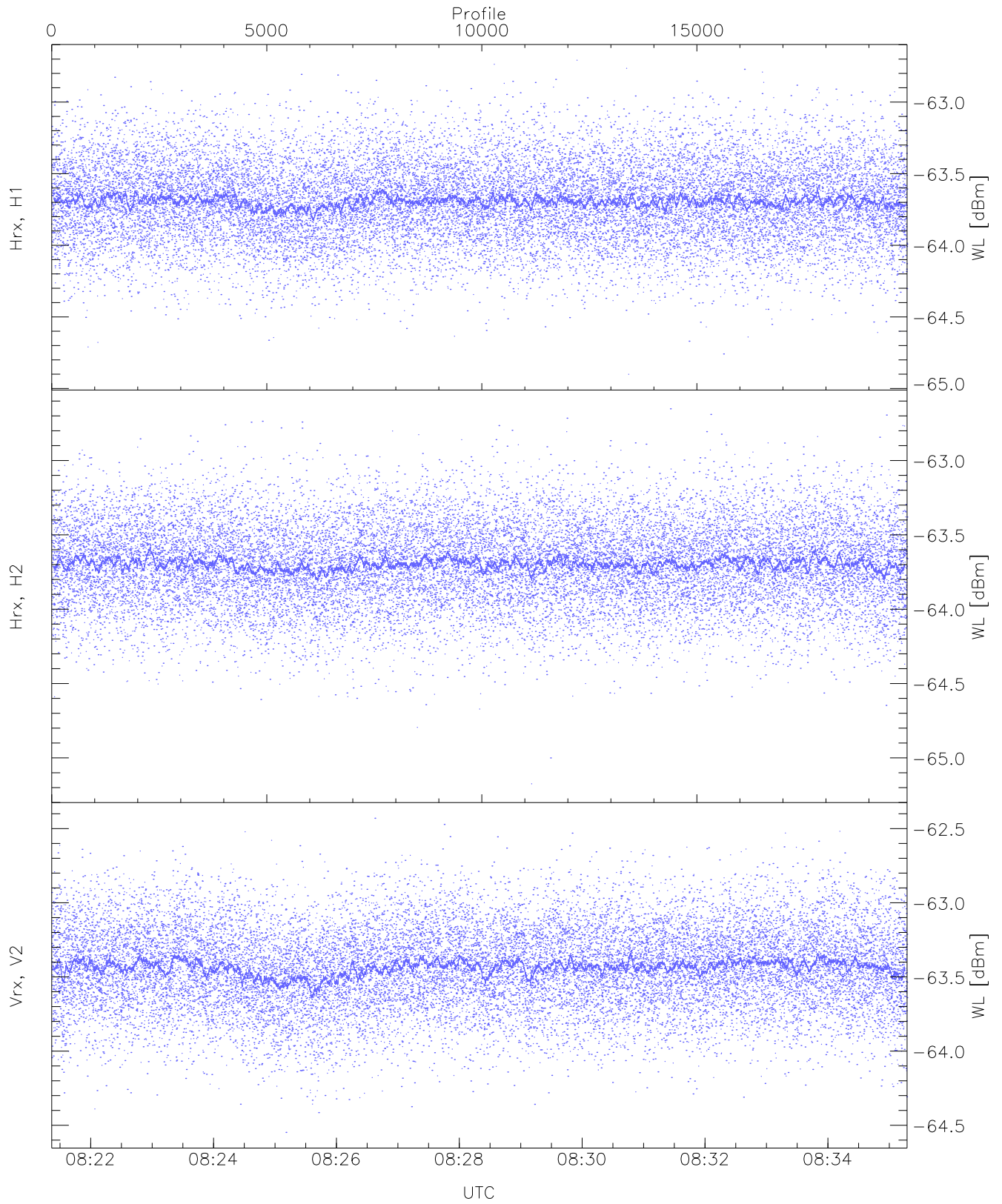
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,26,25,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,28,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



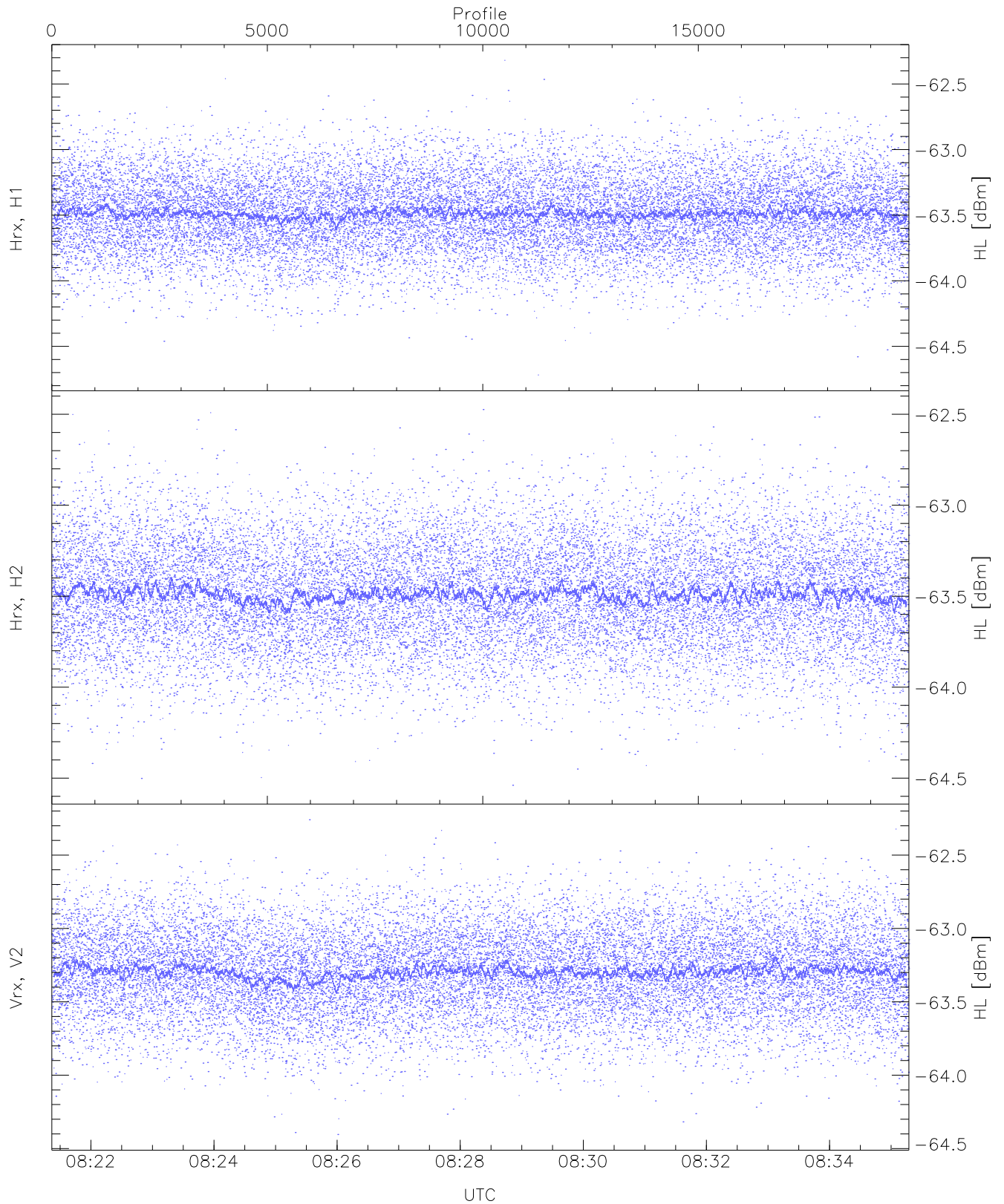
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2934 pixs, 17 gates, 1869 profs, 3 prods



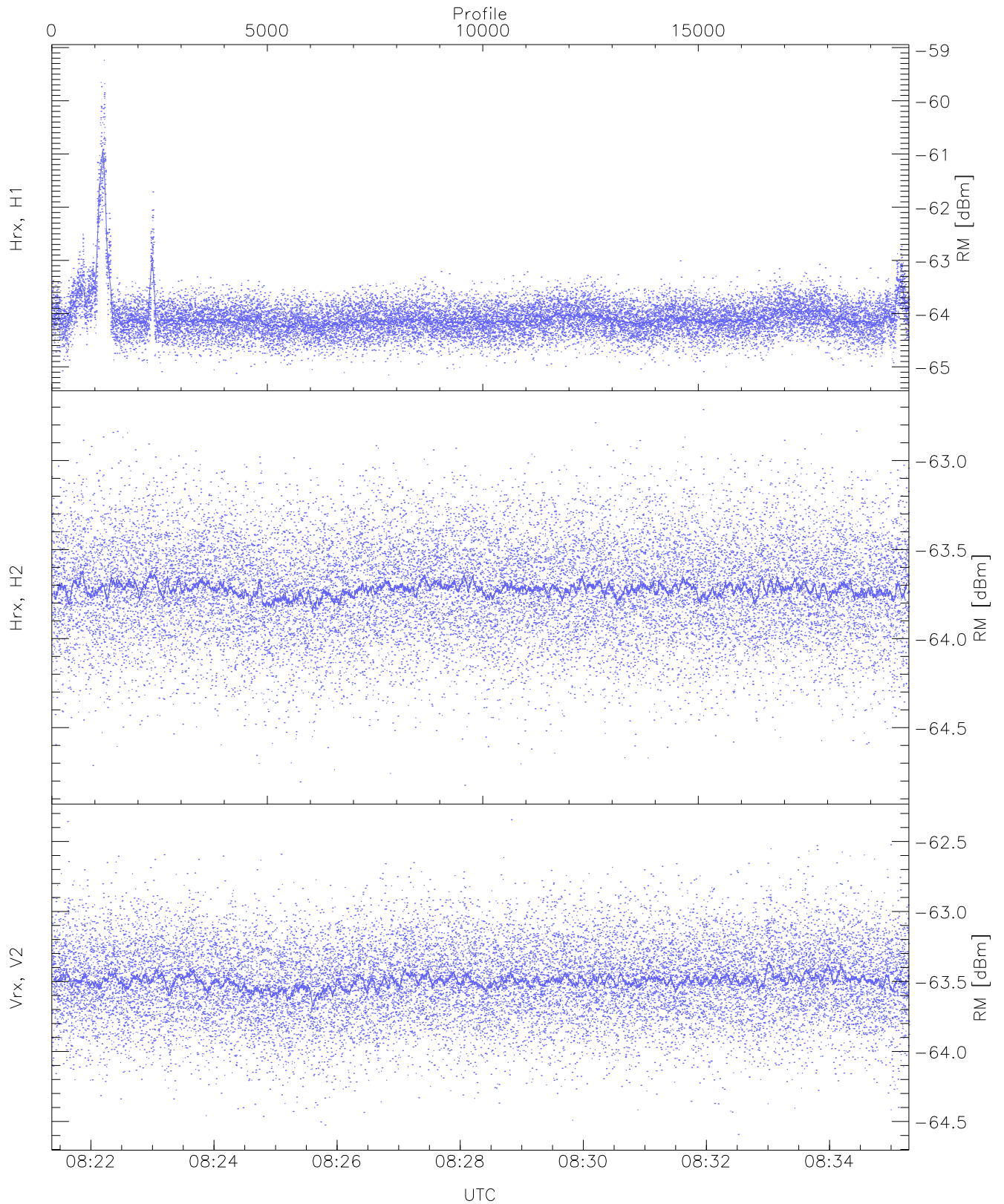
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.90	-62.71	-63.69	-63.70	-75.83
Hrx, H2 (WL [dBm])	-65.17	-62.65	-63.69	-63.70	-75.80
Vrx, V2 (WL [dBm])	-64.55	-62.43	-63.43	-63.44	-75.54



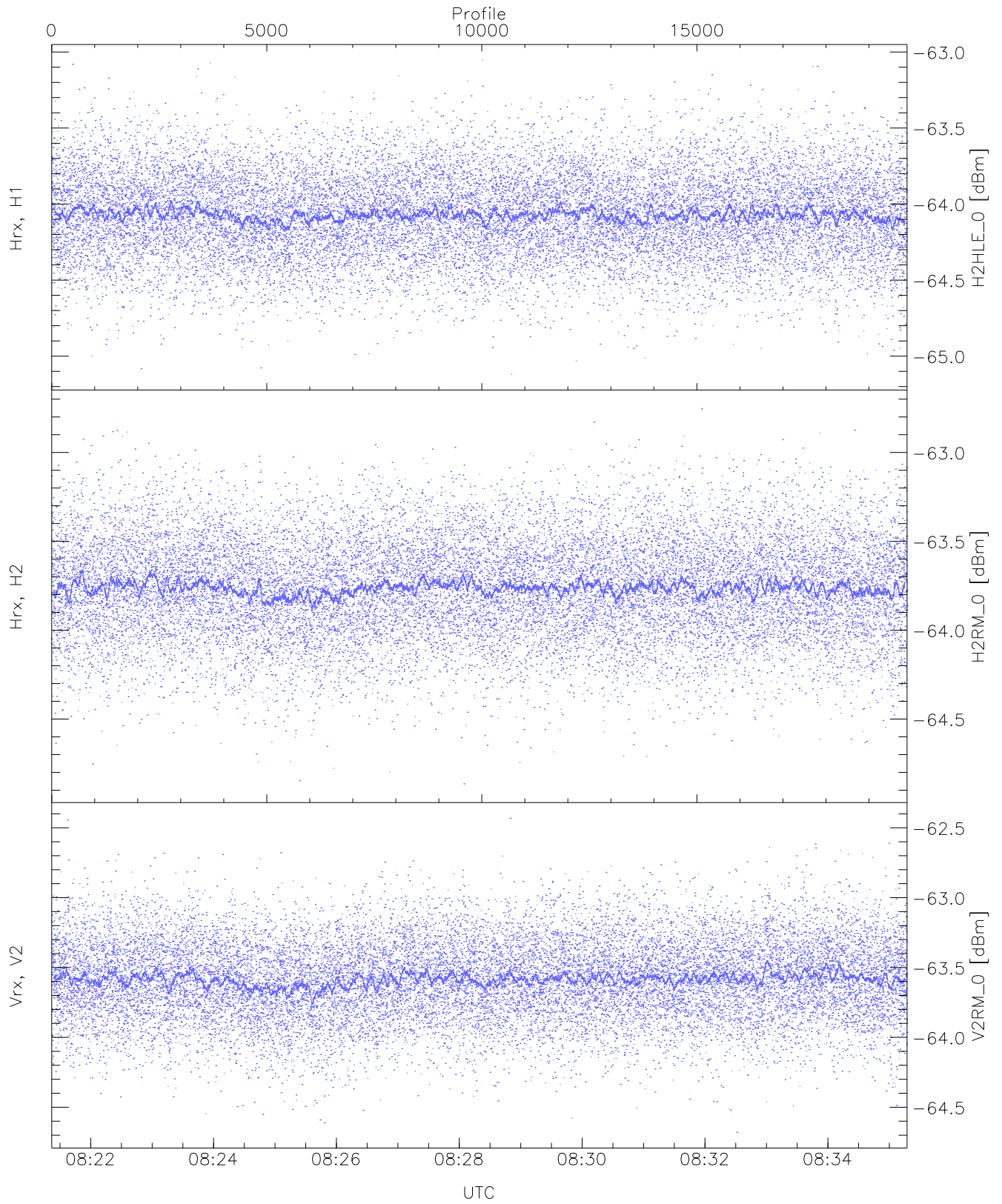
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.72	-62.32	-63.49	-63.49	-75.63
Hrx, H2 (HL [dBm])	-64.54	-62.47	-63.49	-63.49	-75.59
Vrx, V2 (HL [dBm])	-64.40	-62.26	-63.29	-63.30	-75.41



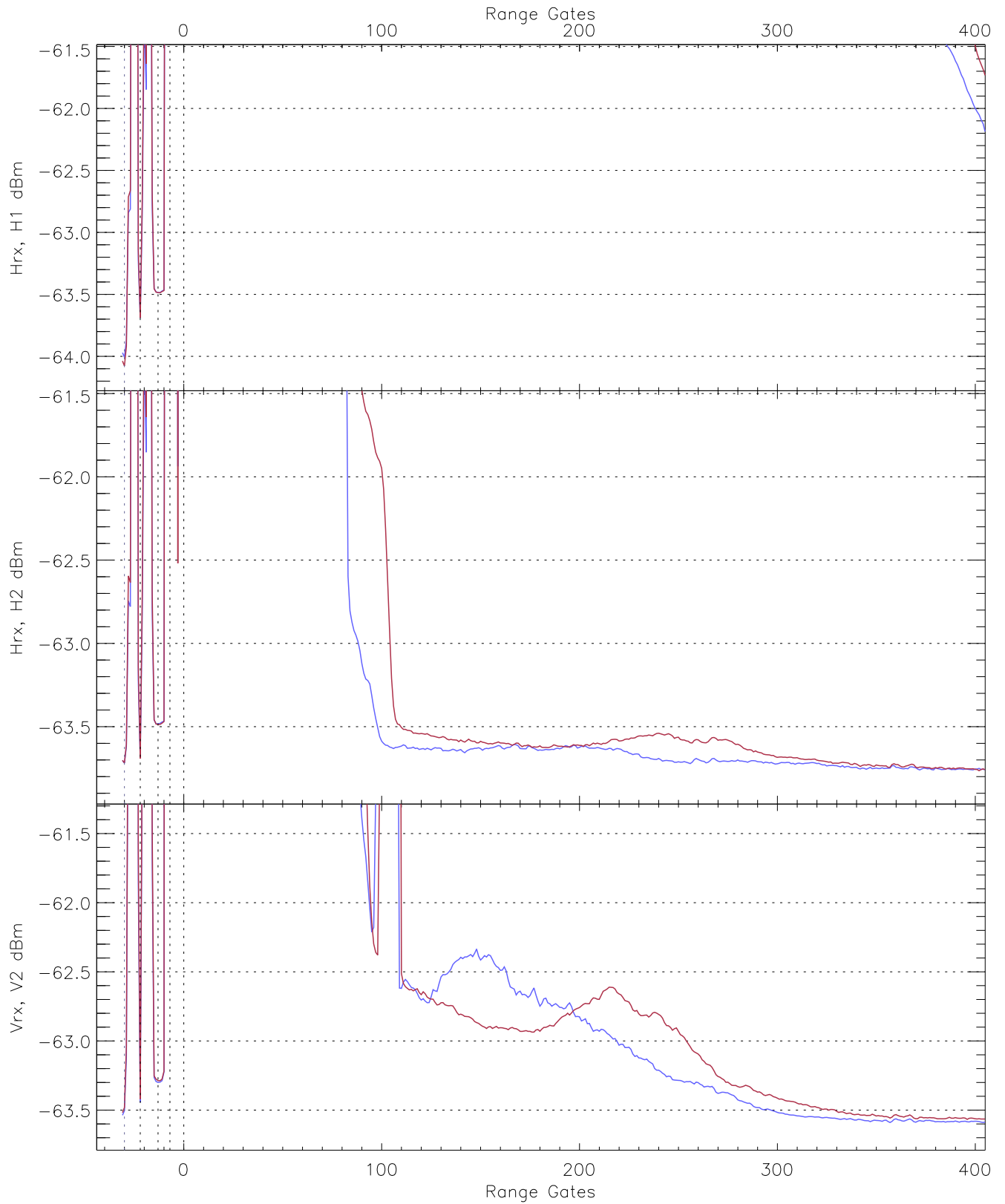
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.15	-59.24	-64.04	-64.10	-73.28
Hrx, H2 (RM [dBm])	-64.82	-62.71	-63.72	-63.72	-75.82
Vrx, V2 (RM [dBm])	-64.59	-62.34	-63.49	-63.50	-75.54

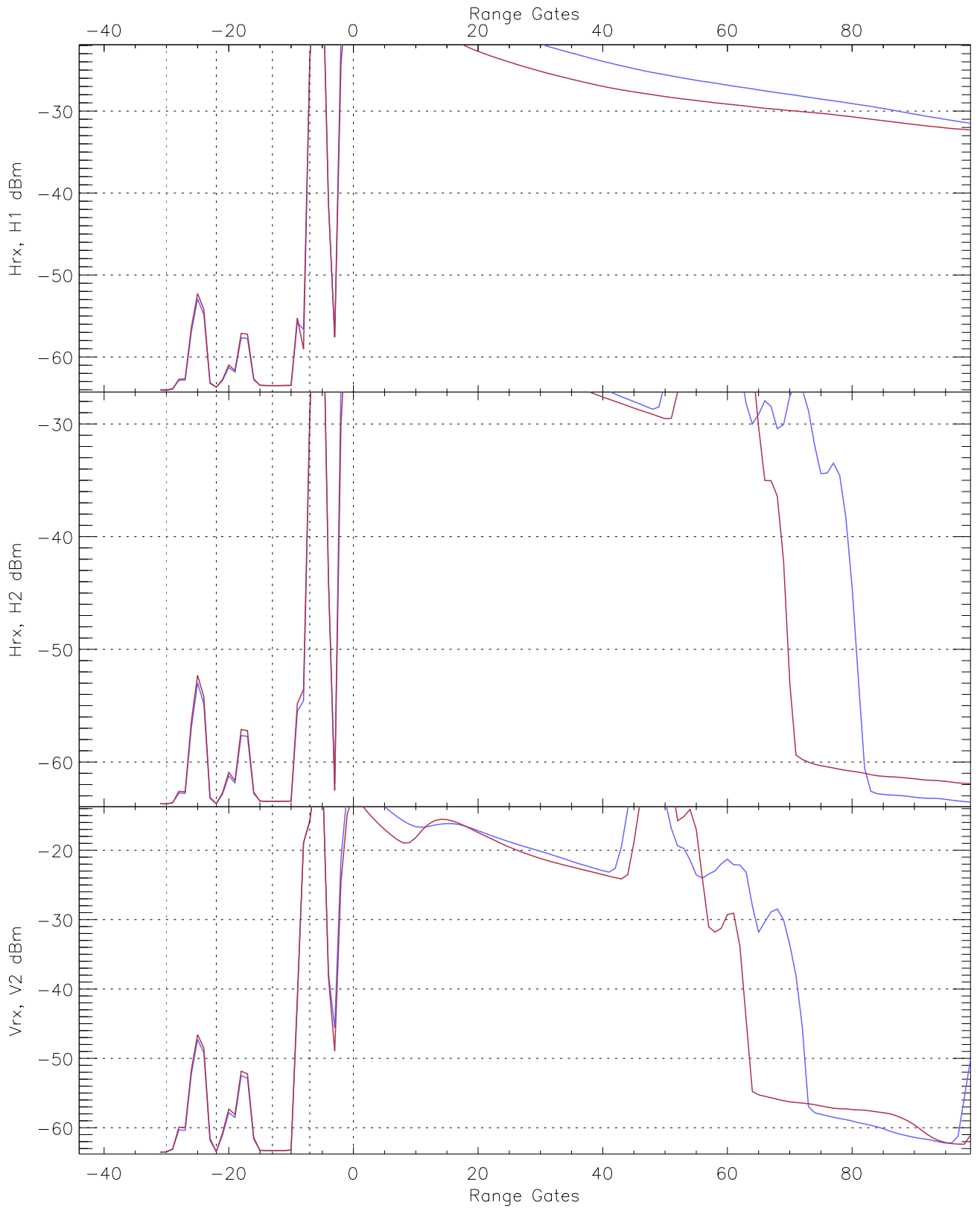


WCR2 CPP "Best" estimate Receivers Noise Power

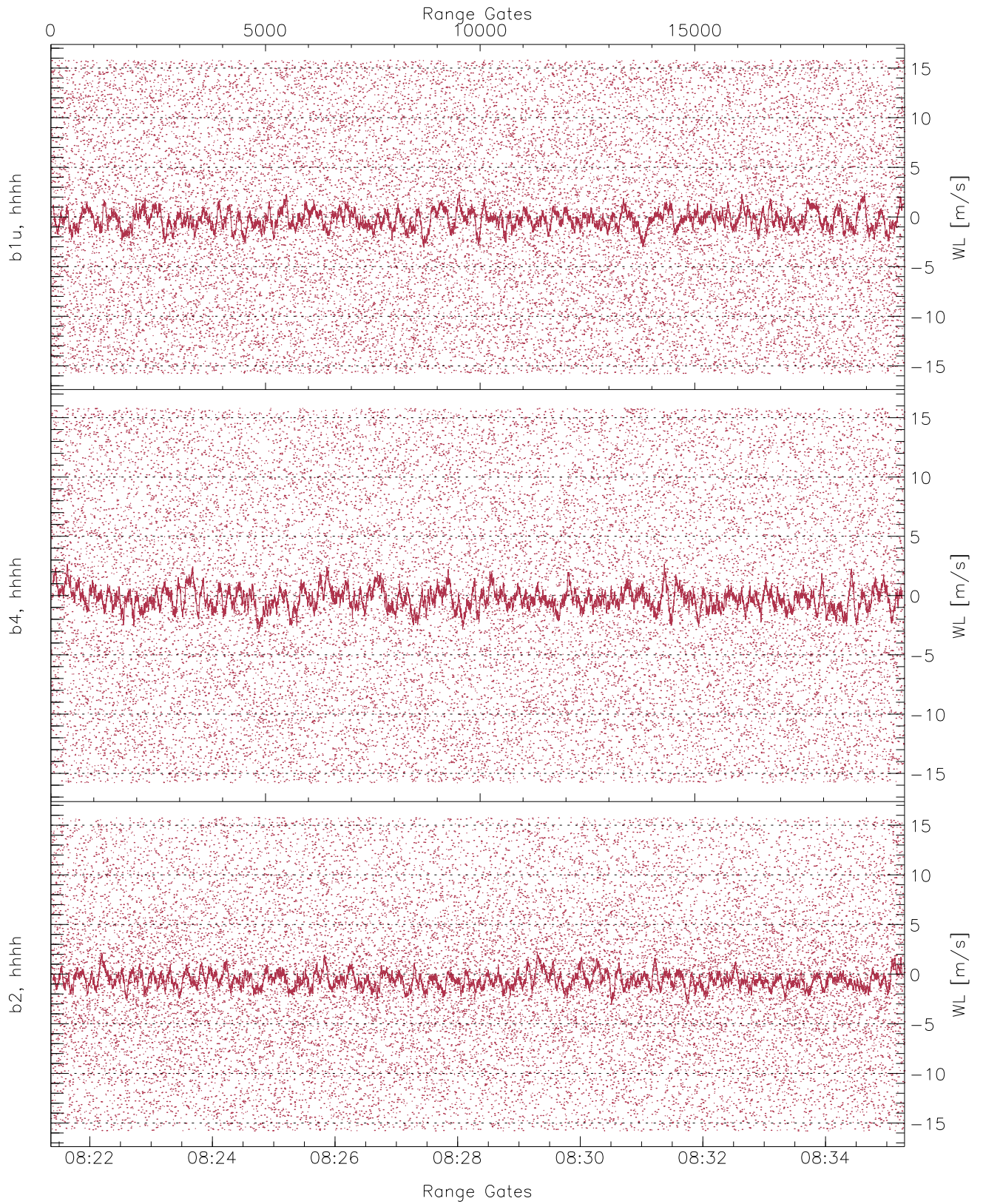
	Min	Max	Mean	Median	StDev
H2HLE_0 [dBm]	-65.12	-63.05	-64.07	-64.07	-76.17
H2RM_0 [dBm]	-64.86	-62.75	-63.76	-63.76	-75.86
V2RM_0 [dBm]	-64.68	-62.43	-63.58	-63.59	-75.63



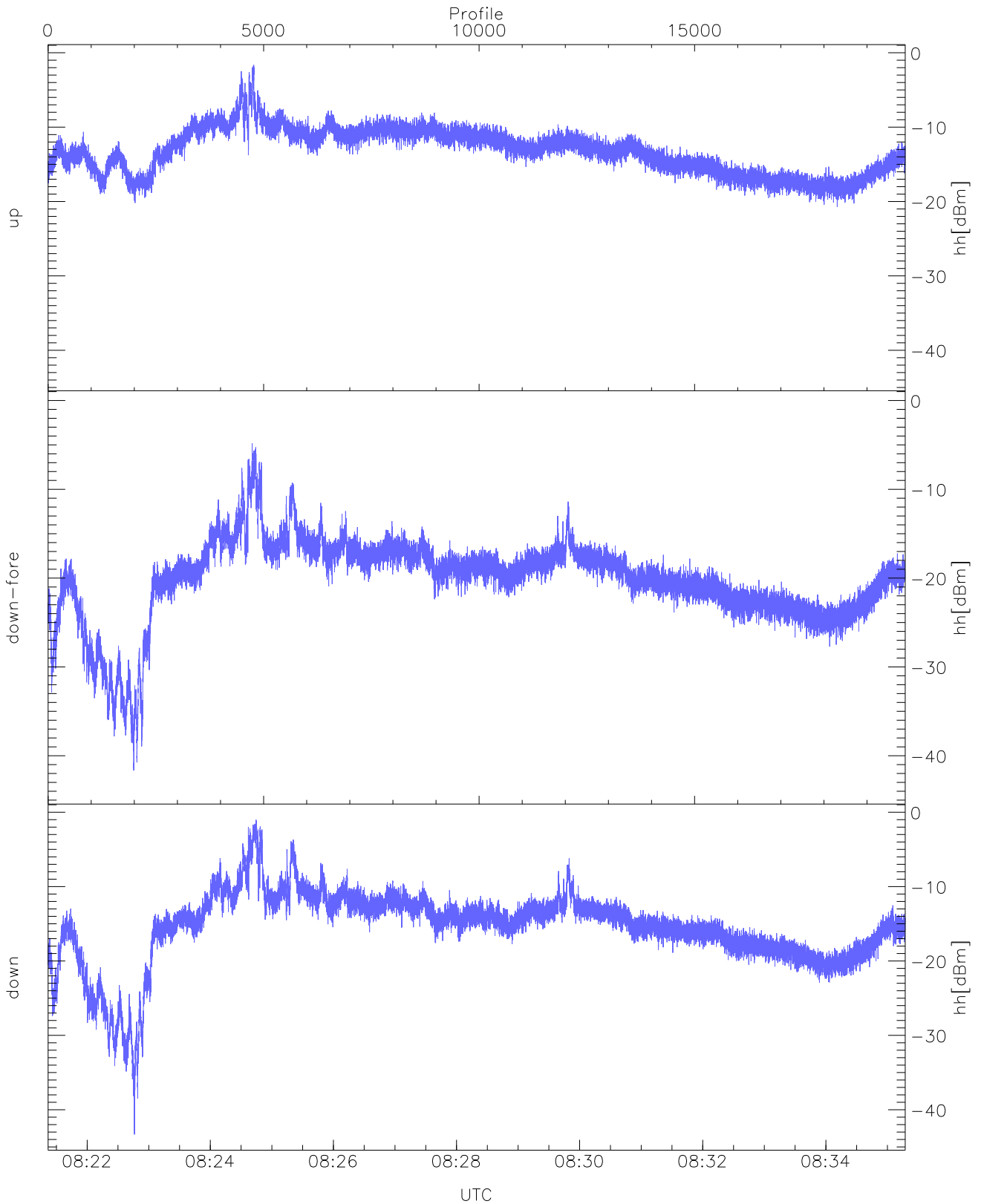
WCR2 CPP Averaged Received power for all recorded gates
blue: 082122-082820, 9945 profiles averaged
red: 082820-083517, 9944 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 082122-082820, 9945 profiles averaged
red: 082820-083517, 9944 profiles averaged

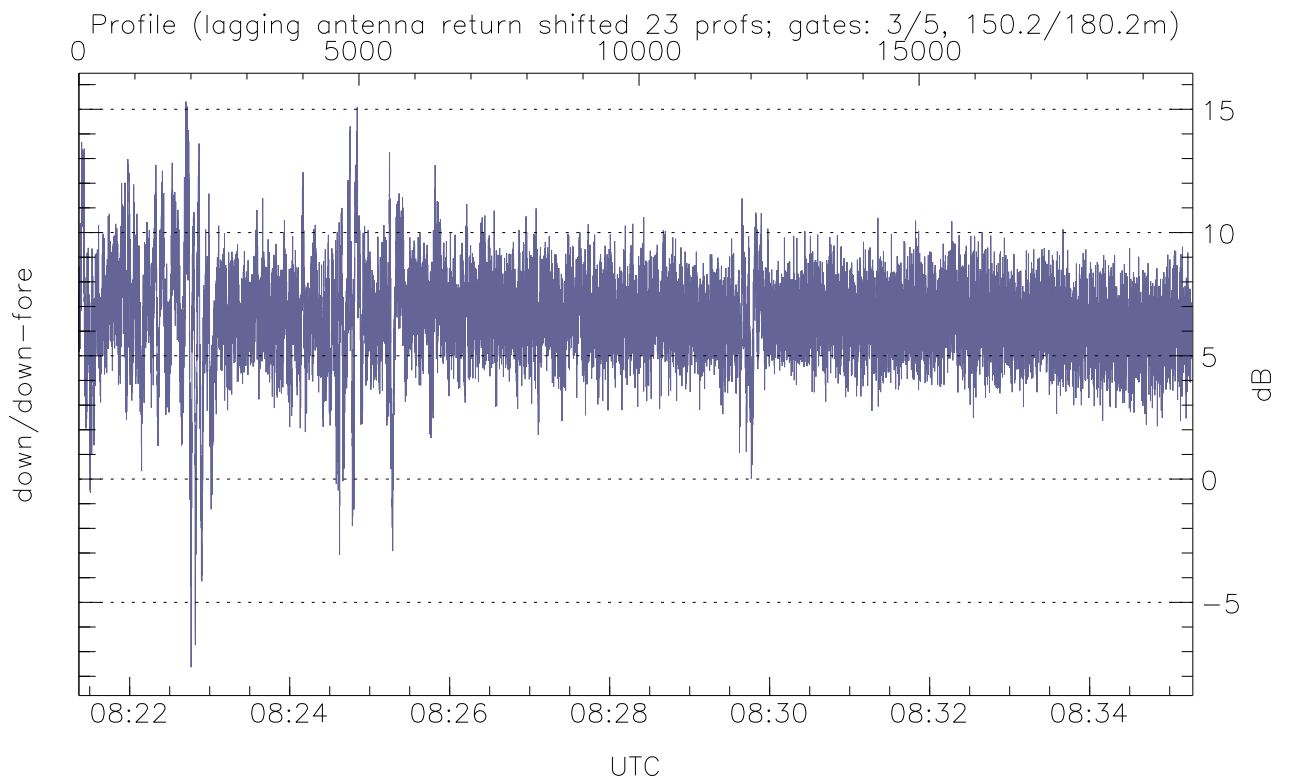
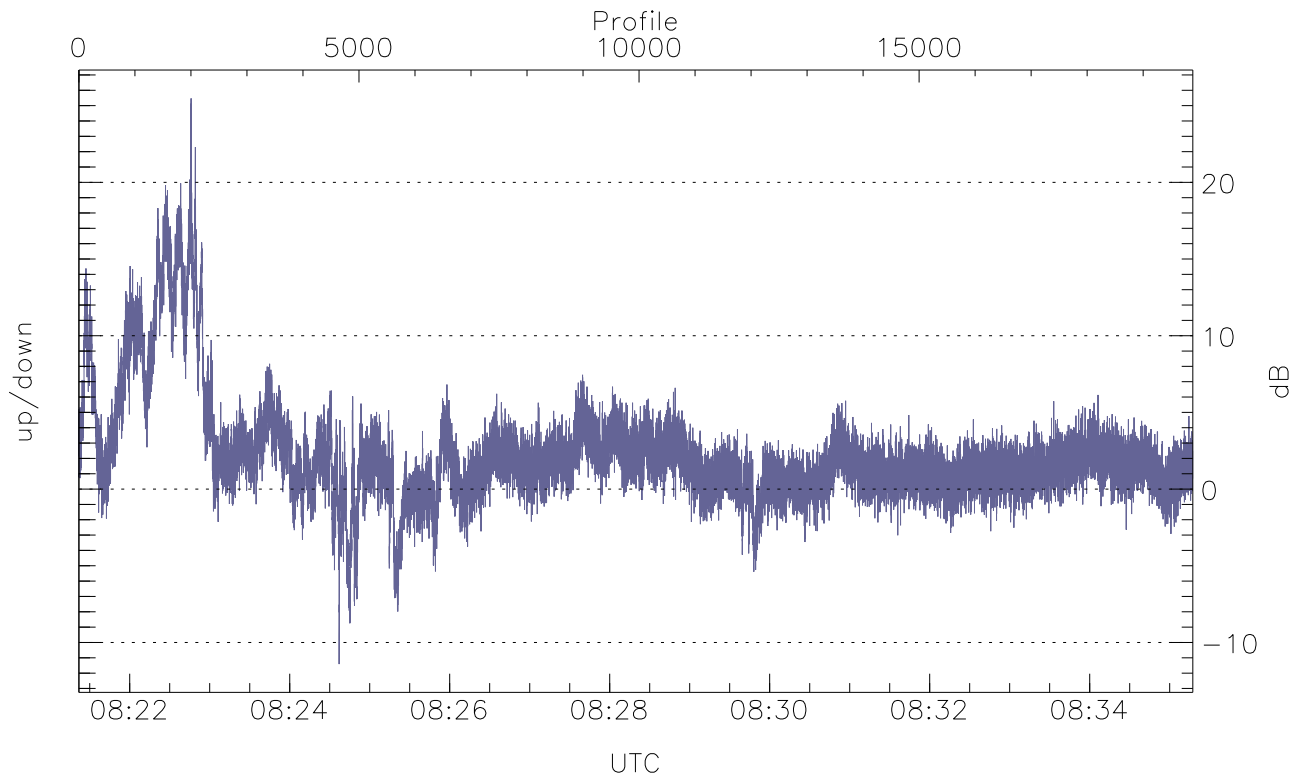


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



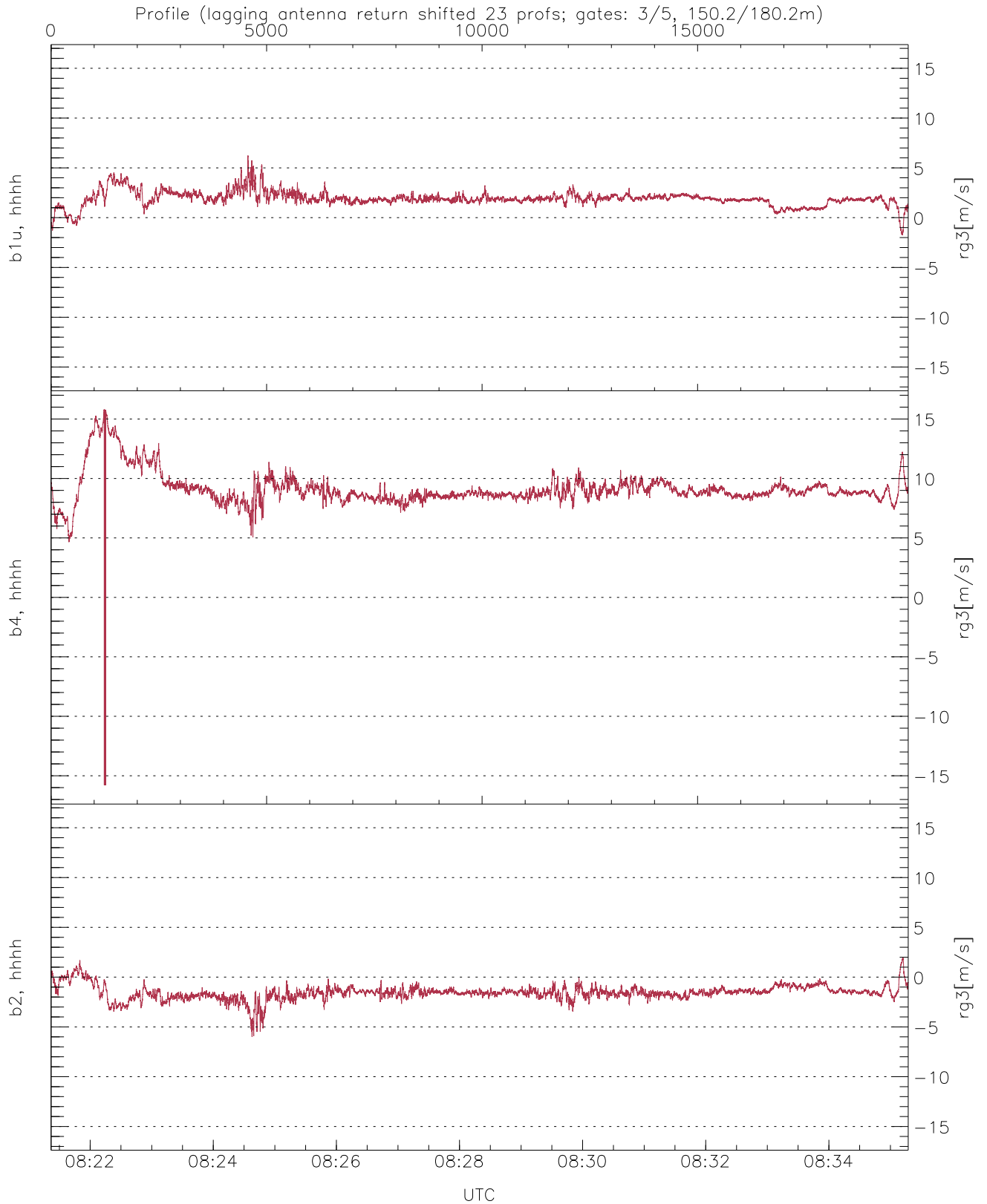
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-20.72	-1.64	-12.19
down-fore(hh[dBm])	-41.67	-4.82	-18.11
down(hh[dBm])	-43.32	-1.02	-13.26



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-11.41	25.48	2.28
down/down-fore (dB)	-7.63	15.31	6.56



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-1.74	6.25	1.90	0.75
b4, hhhh(rg3[m/s])	-15.79	15.80	9.10	1.58
b2, hhhh(rg3[m/s])	-5.99	1.95	-1.55	0.74