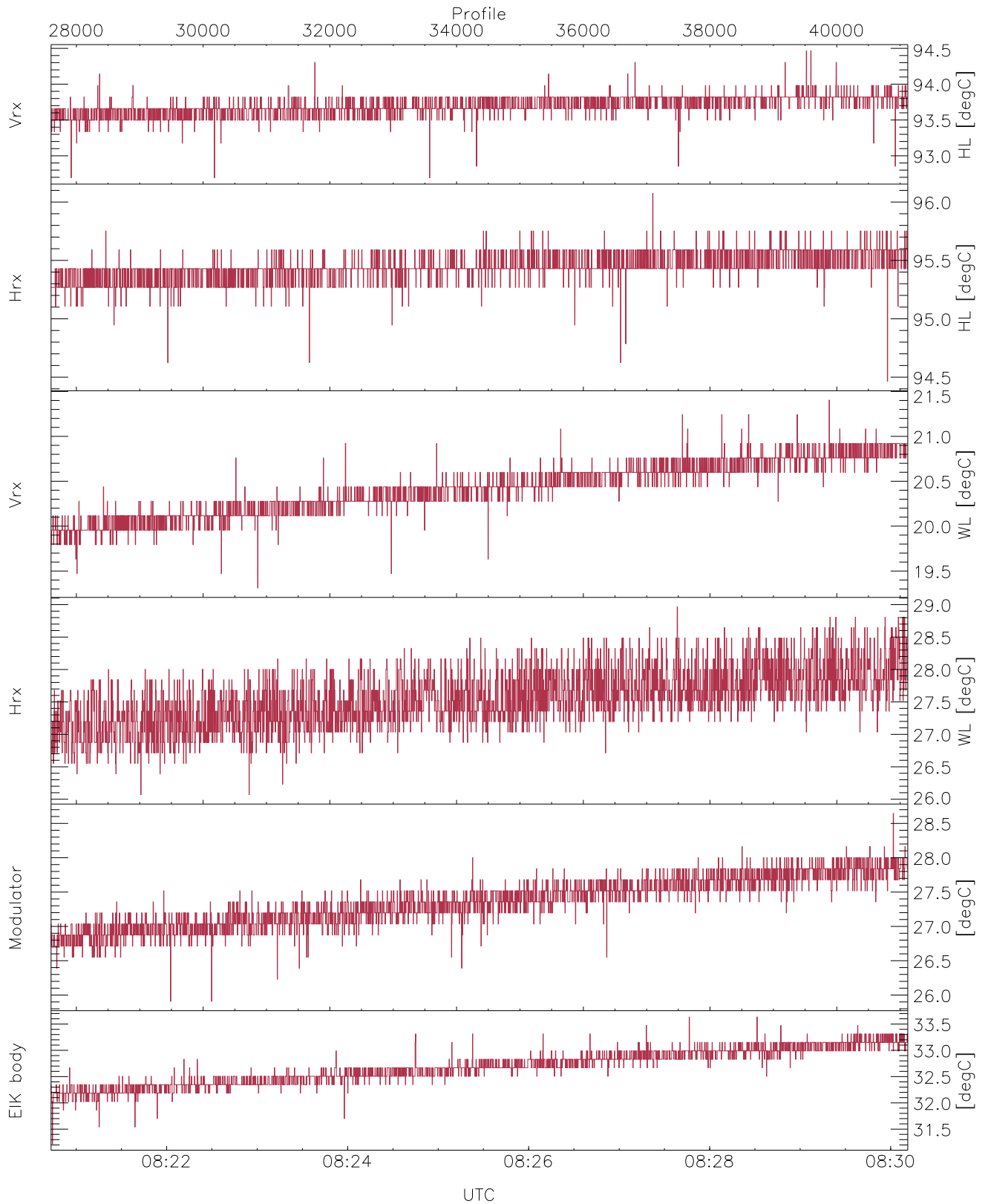


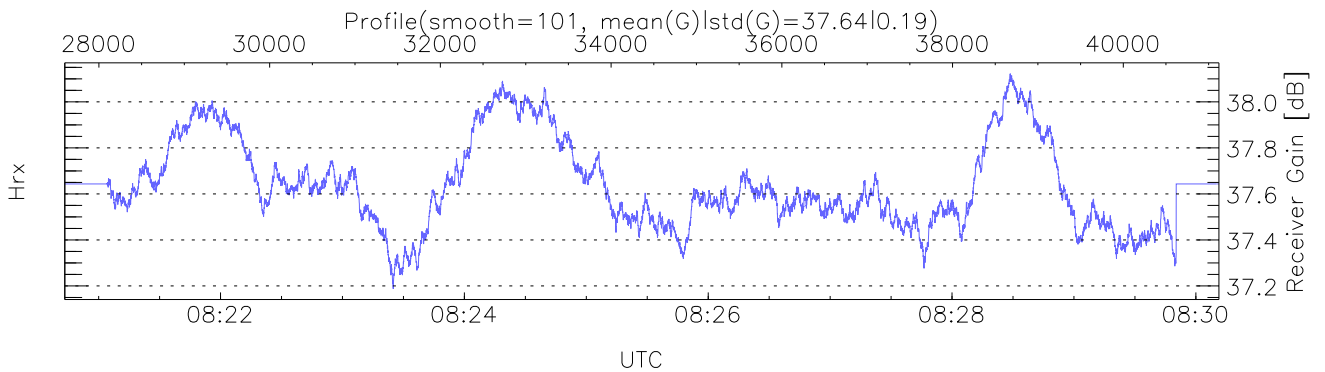
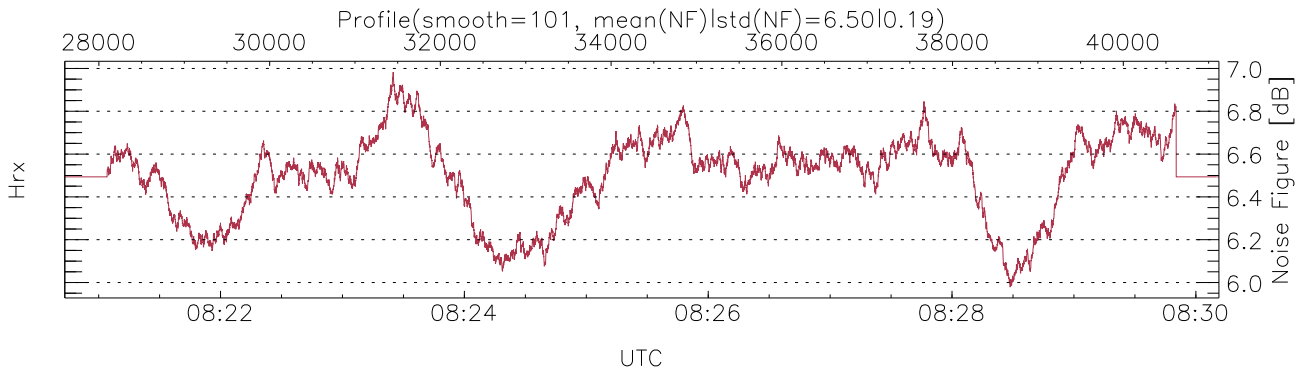
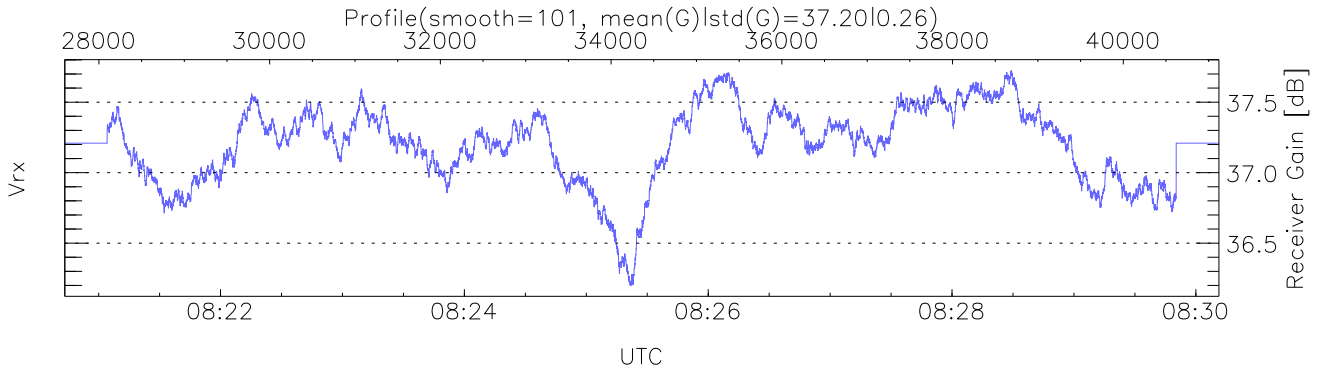
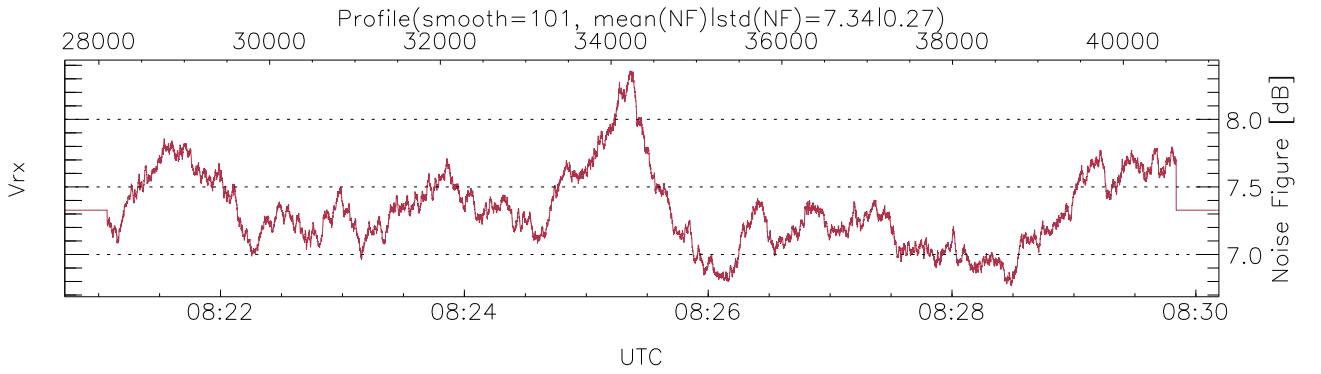
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 08:01:24-08:30:11, Dur: 1727.51s
 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): 13522/41122, 27600-41121/08:20:43-08:30:11
 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



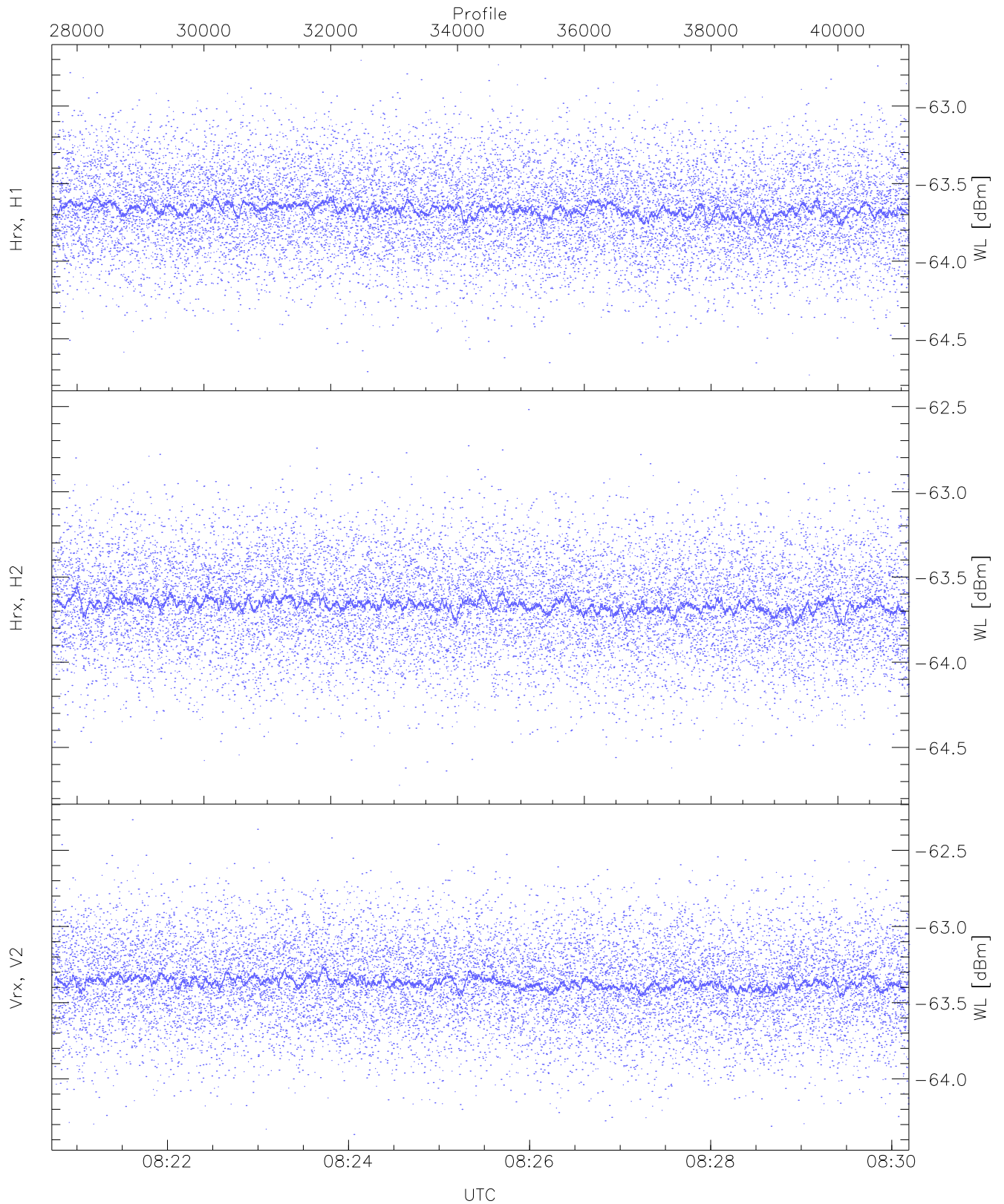
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,25,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,28,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



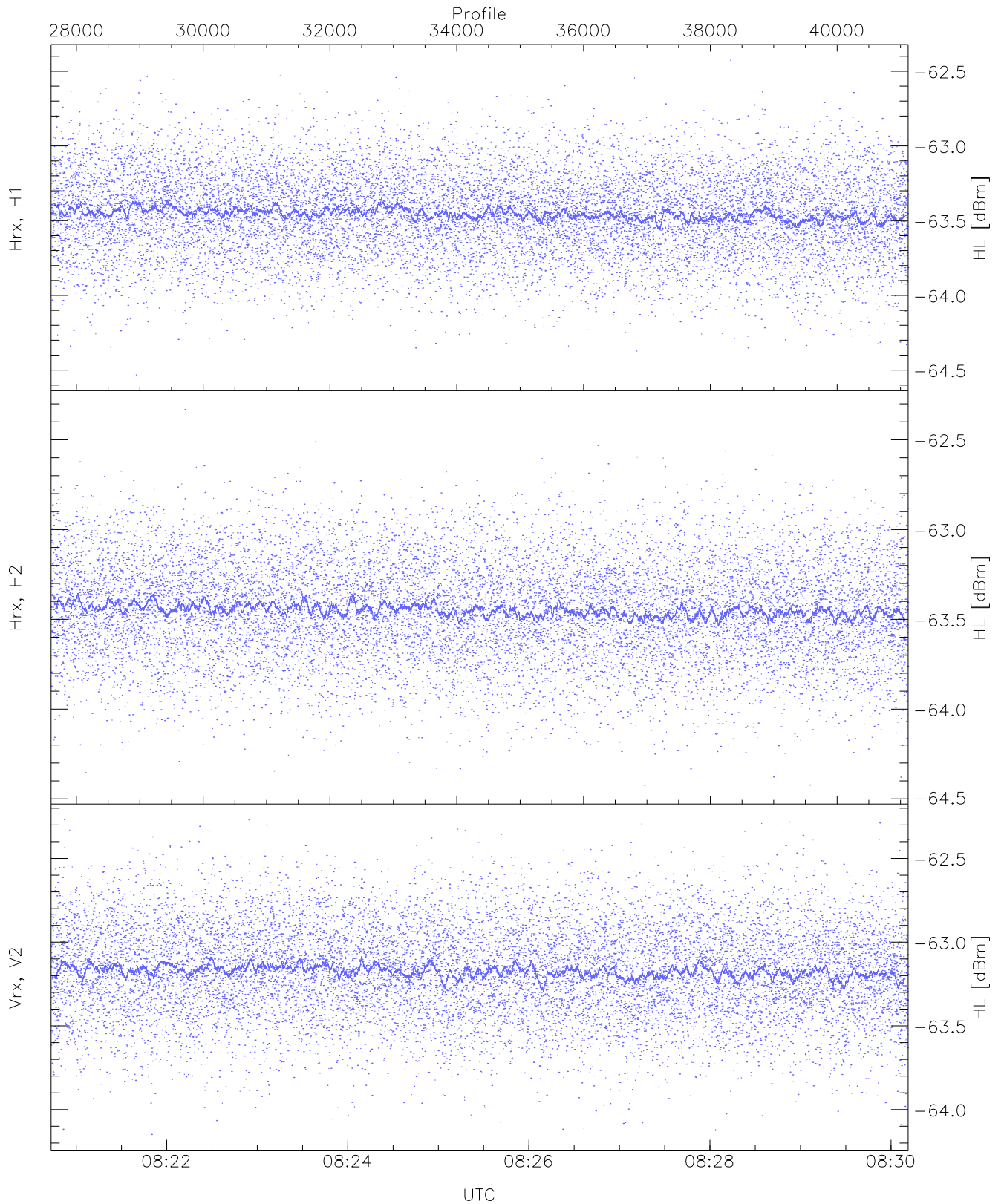
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 39946 pixs, 19 gates, 13467 profs, 2 prods



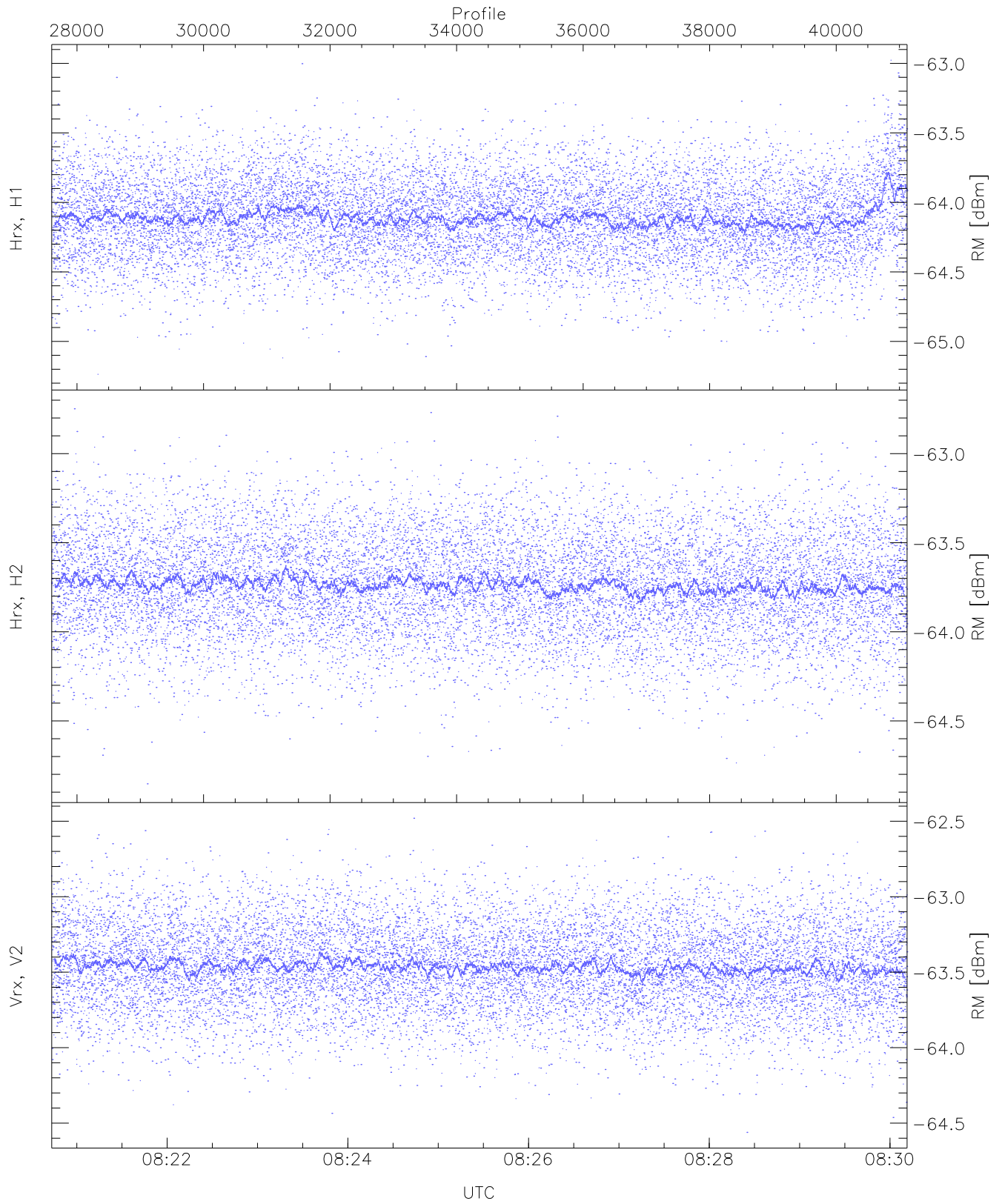
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.73	-62.71	-63.66	-63.67	-75.81
Hrx, H2(WL [dBm])	-64.72	-62.52	-63.66	-63.66	-75.79
Vrx, V2(WL [dBm])	-64.37	-62.30	-63.36	-63.37	-75.46



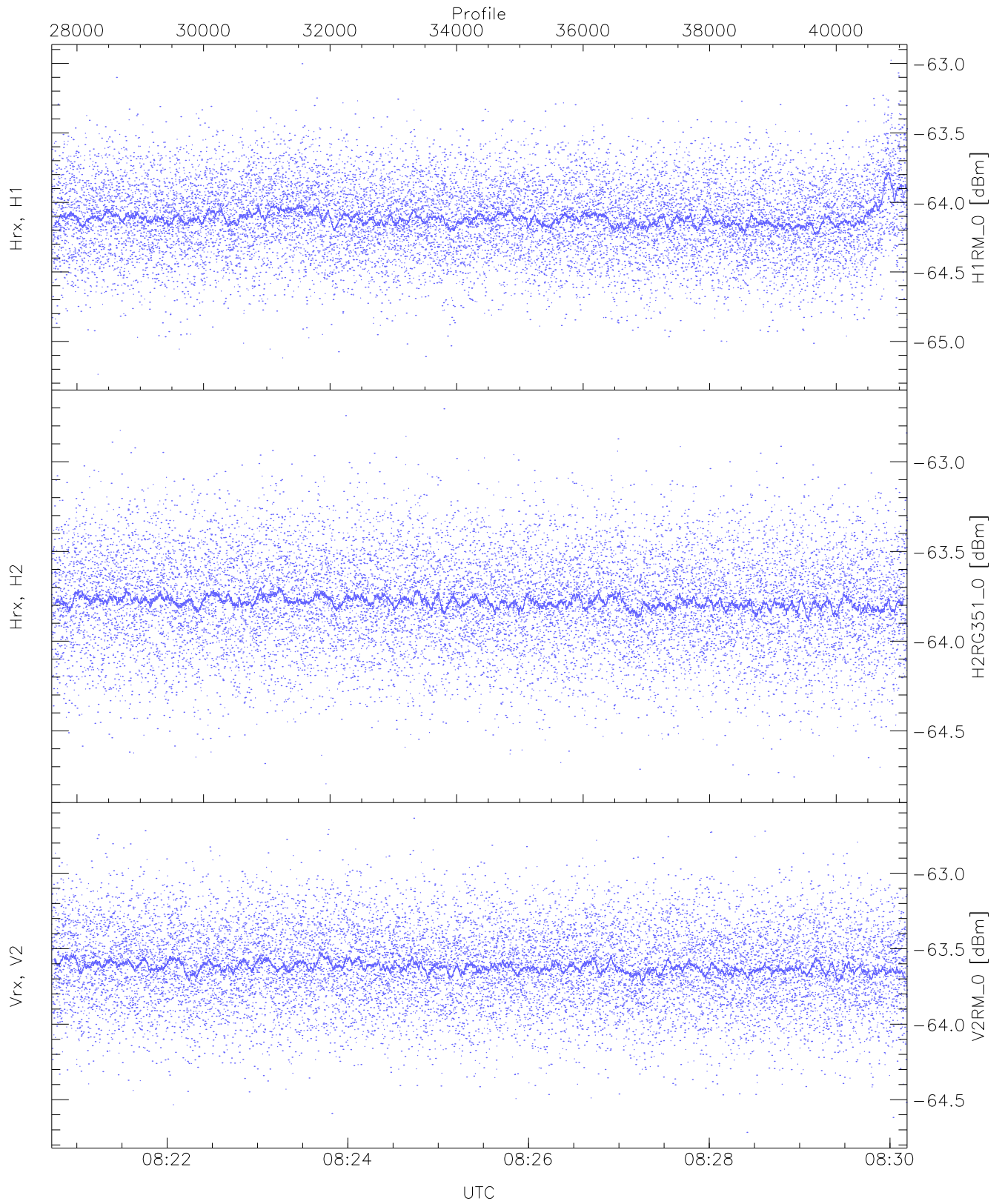
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.53	-62.43	-63.45	-63.45	-75.54
Hrx, H2 (HL [dBm])	-64.42	-62.33	-63.44	-63.45	-75.56
Vrx, V2 (HL [dBm])	-64.15	-62.27	-63.17	-63.18	-75.29



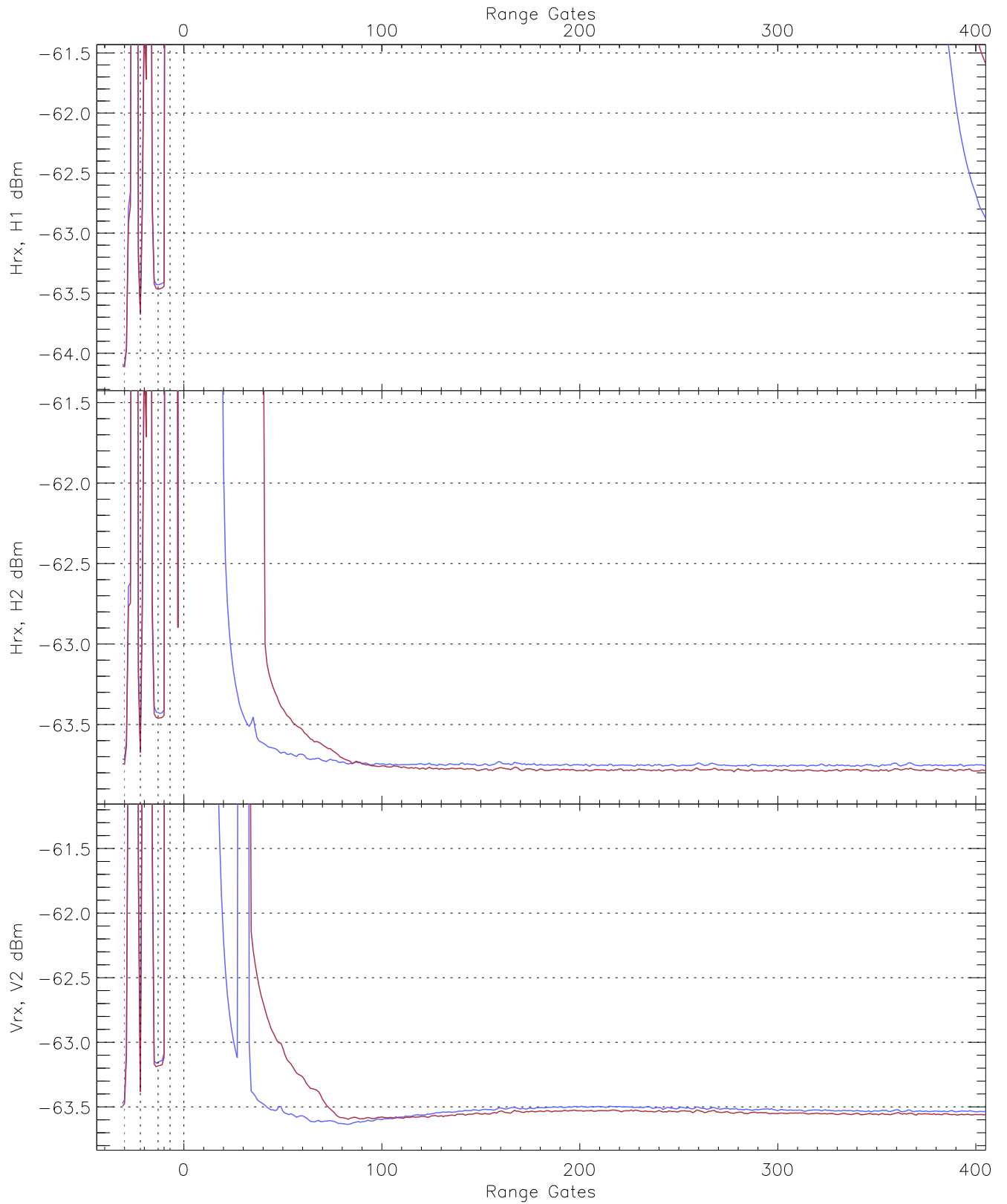
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.24	-62.98	-64.11	-64.11	-76.13
Hrx, H2 (RM [dBm])	-64.85	-62.75	-63.73	-63.74	-75.90
Vrx, V2 (RM [dBm])	-64.56	-62.48	-63.46	-63.47	-75.61

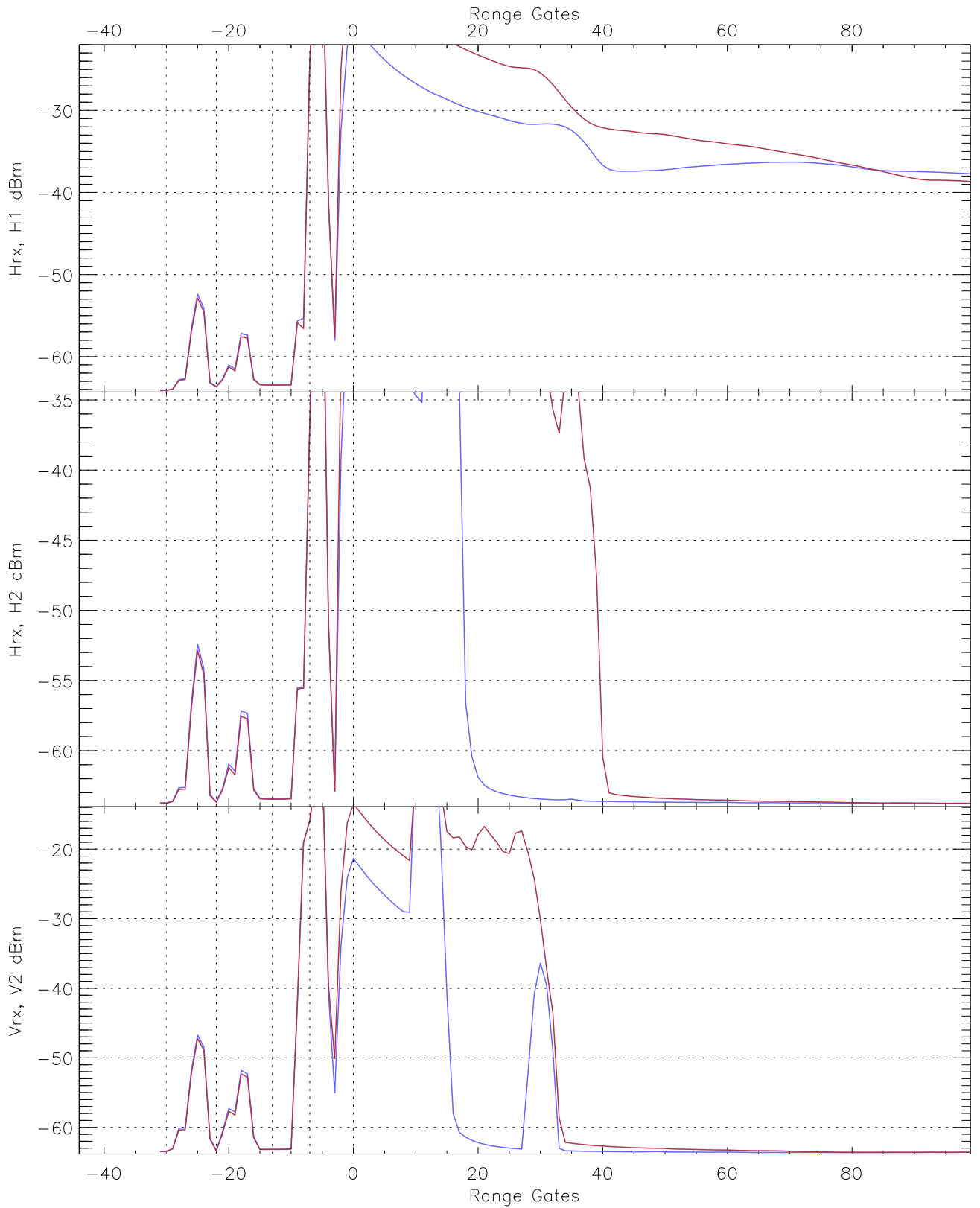


WCR2 CPP "Best" estimate Receivers Noise Power

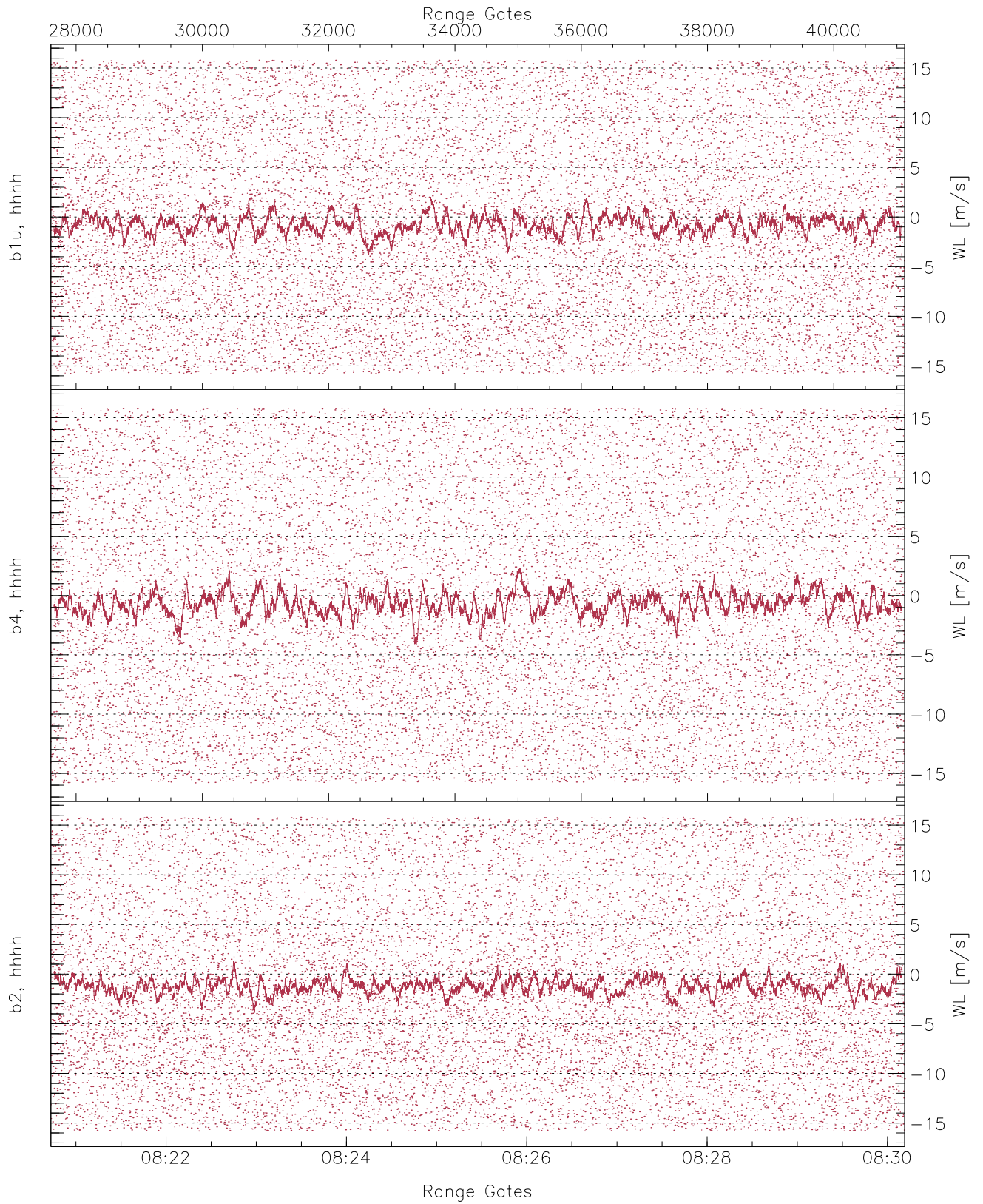
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-65.24	-62.98	-64.11	-64.11	-76.13
H2RG351_0 [dBm]	-64.80	-62.70	-63.78	-63.78	-75.90
V2RM_0 [dBm]	-64.72	-62.64	-63.62	-63.62	-75.77



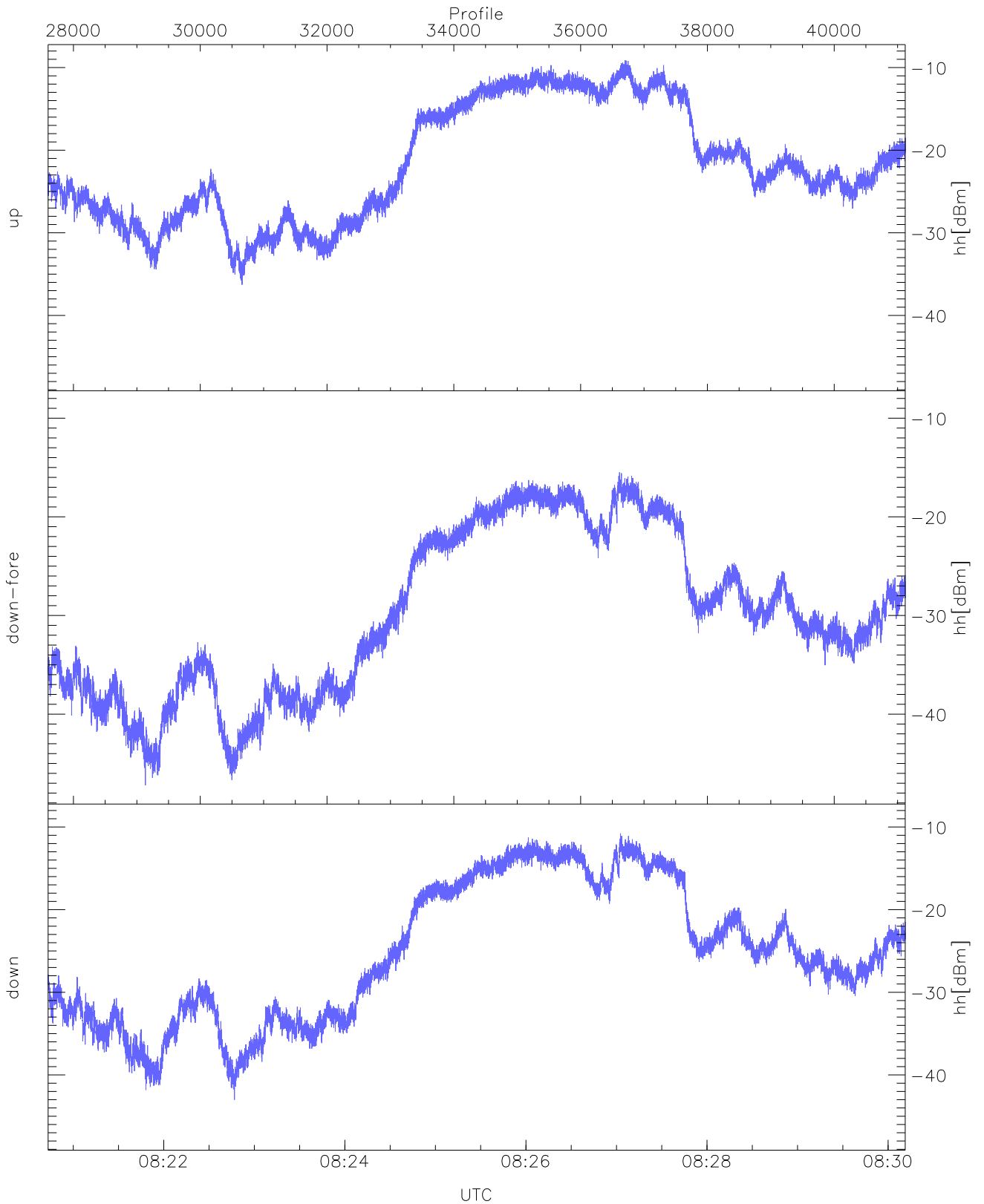
WCR2 CPP Averaged Received power for all recorded gates
blue: 082043-082527, 6762 profiles averaged
red: 082527-083011, 6761 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 082043-082527, 6762 profiles averaged
red: 082527-083011, 6761 profiles averaged

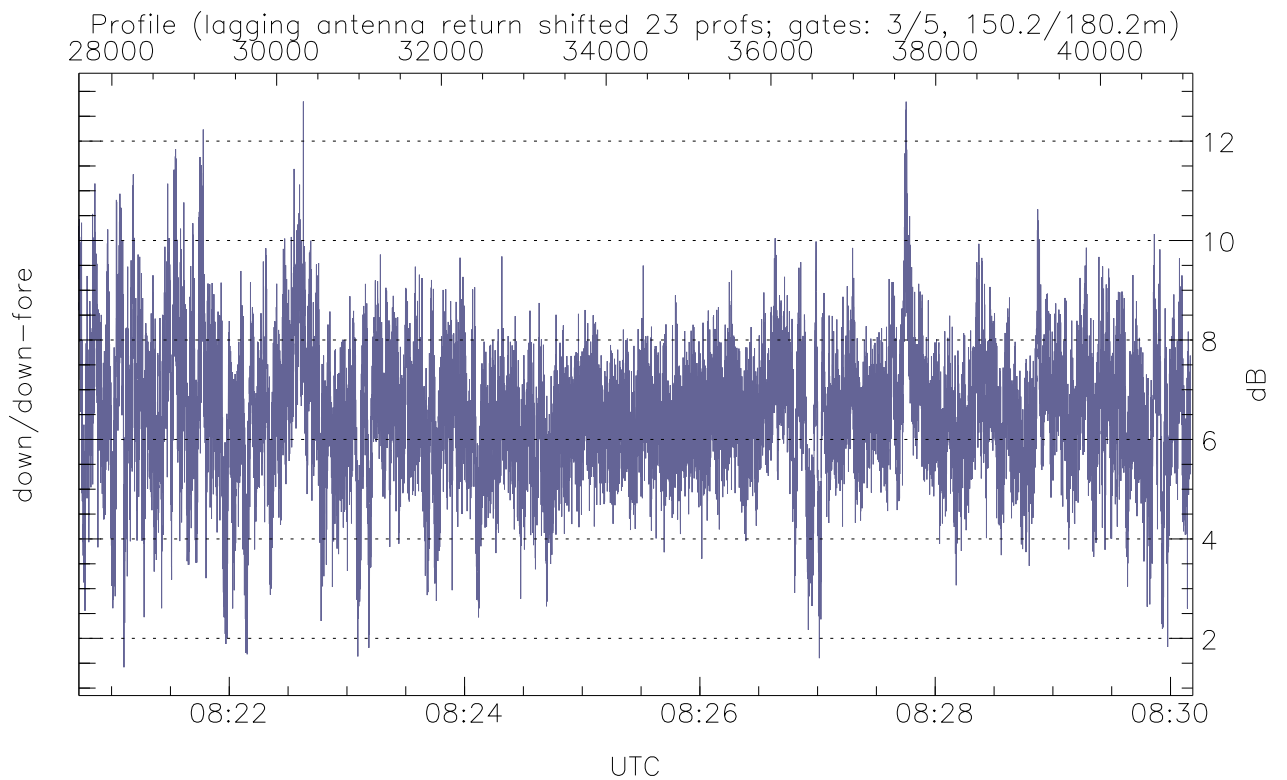
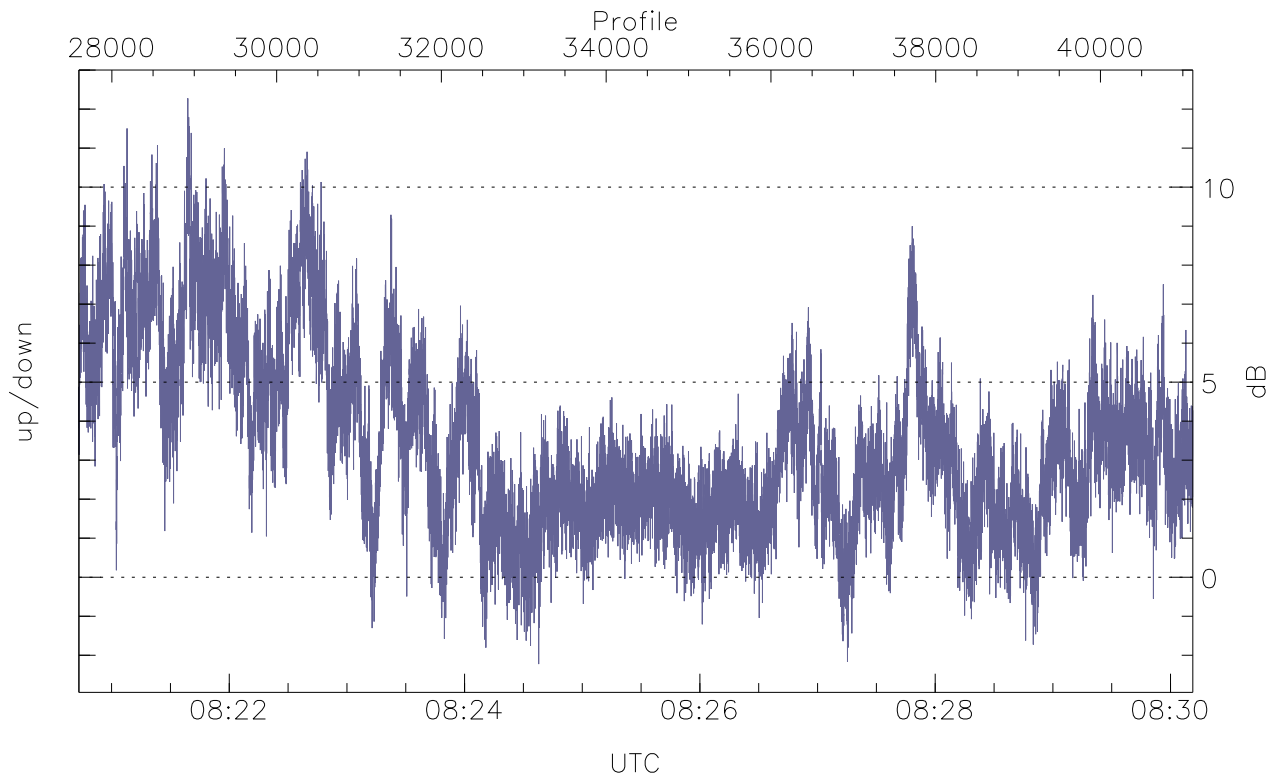


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



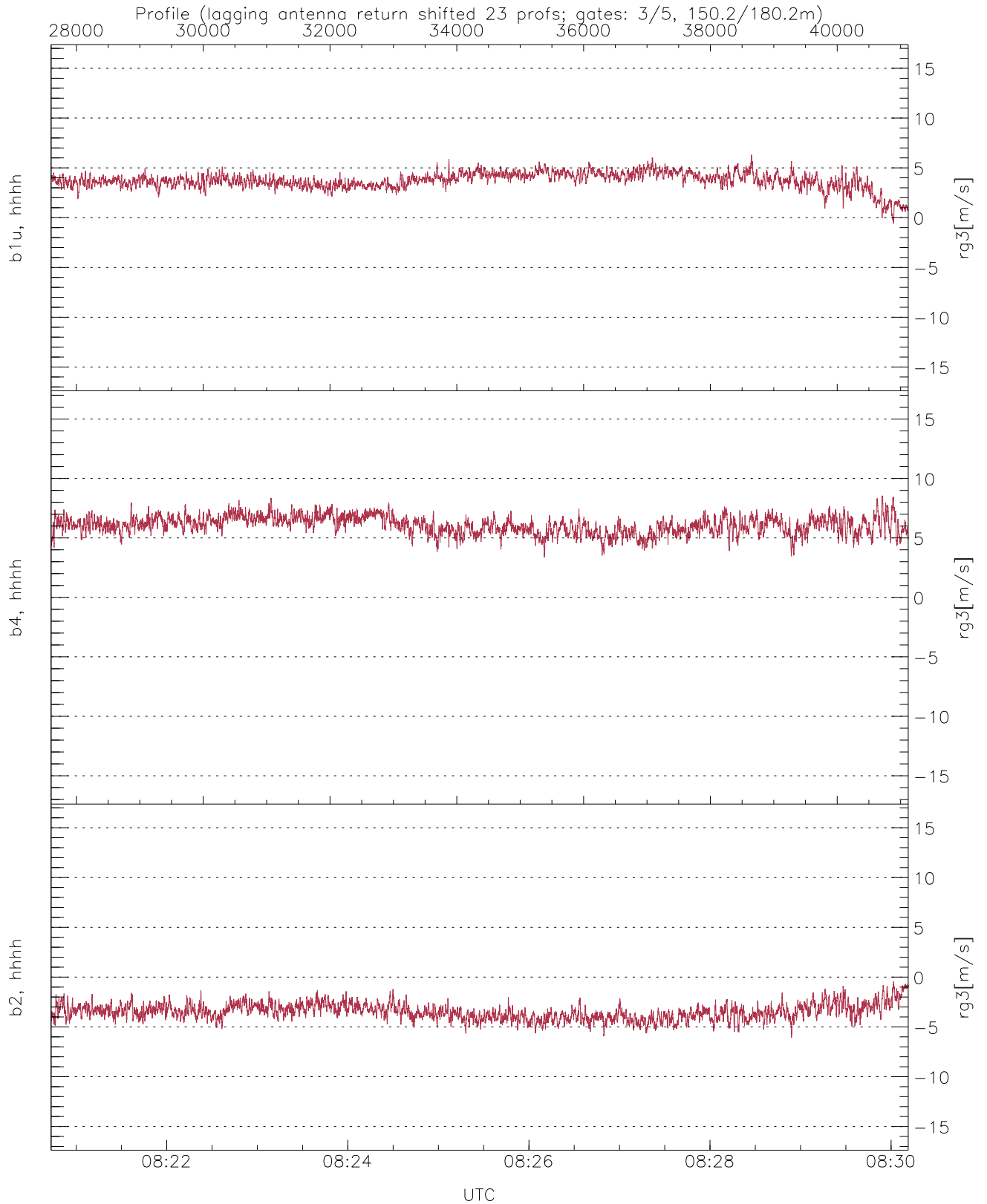
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-36.29	-9.12	-16.98
down-fore(hh[dBm])	-47.21	-15.49	-23.89
down(hh[dBm])	-43.01	-10.78	-19.19



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-2.23	12.28	3.49
down/down-fore (dB)	1.42	12.80	6.52



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-0.60	6.31	3.72	0.83
b4, hhhh(rg3[m/s])	3.37	8.56	6.07	0.74
b2, hhhh(rg3[m/s])	-6.06	-0.45	-3.48	0.80