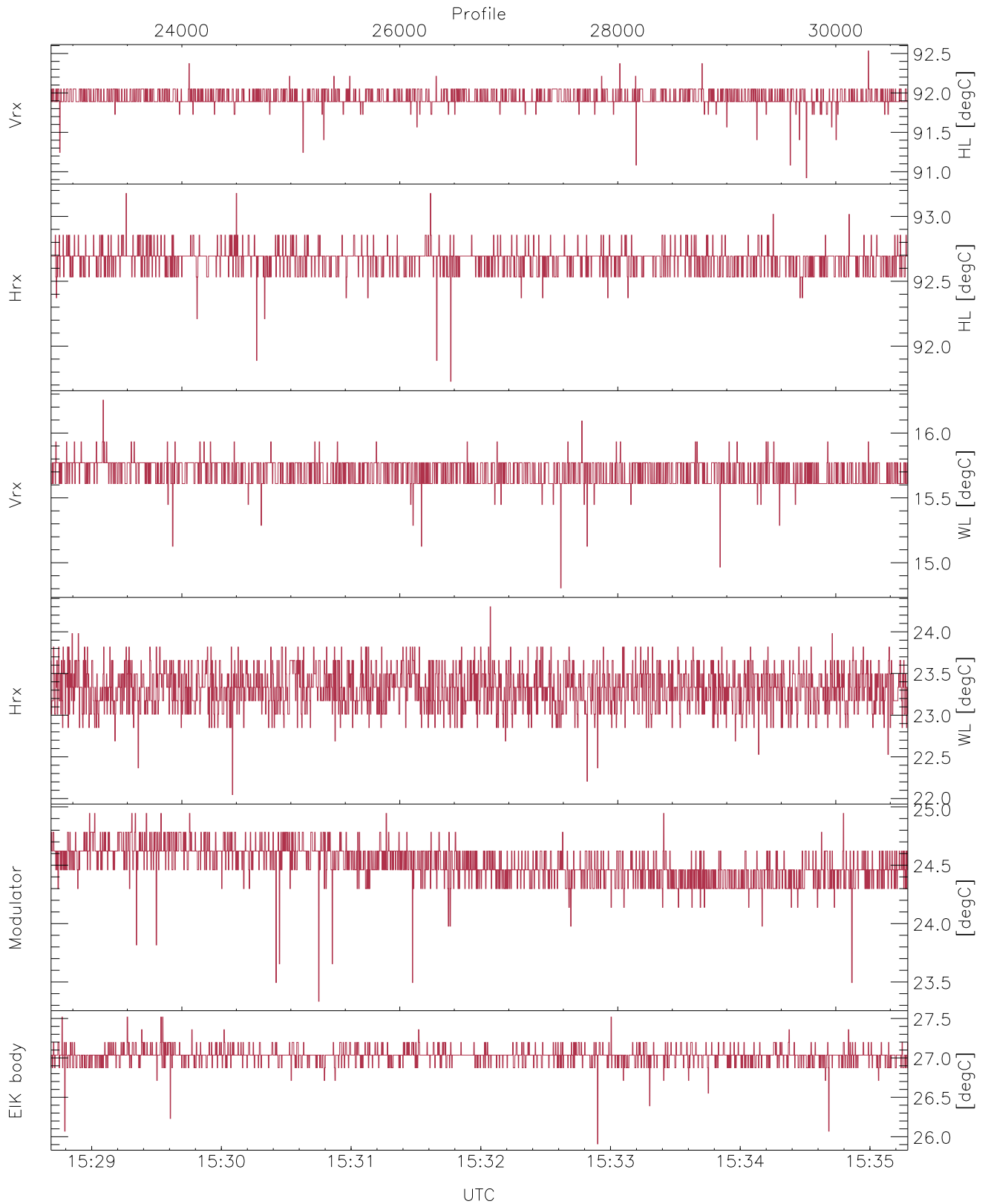


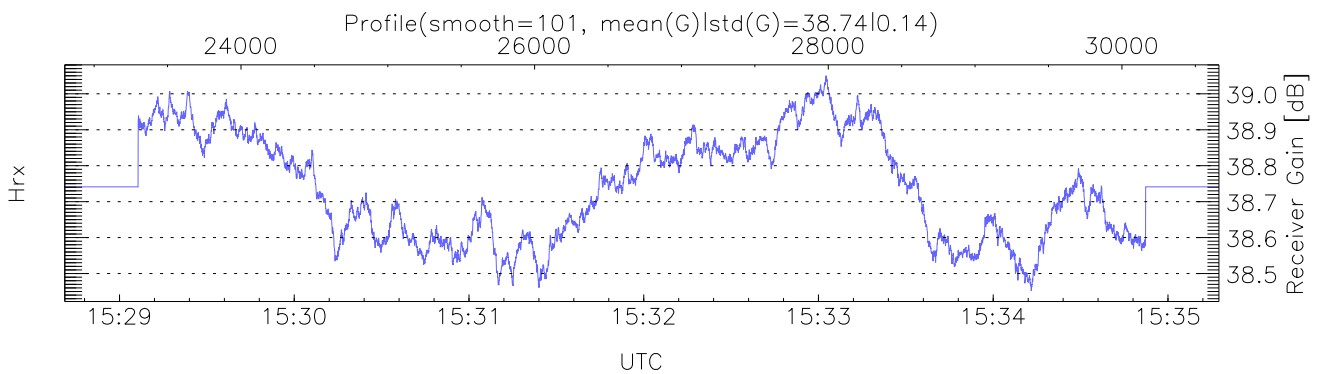
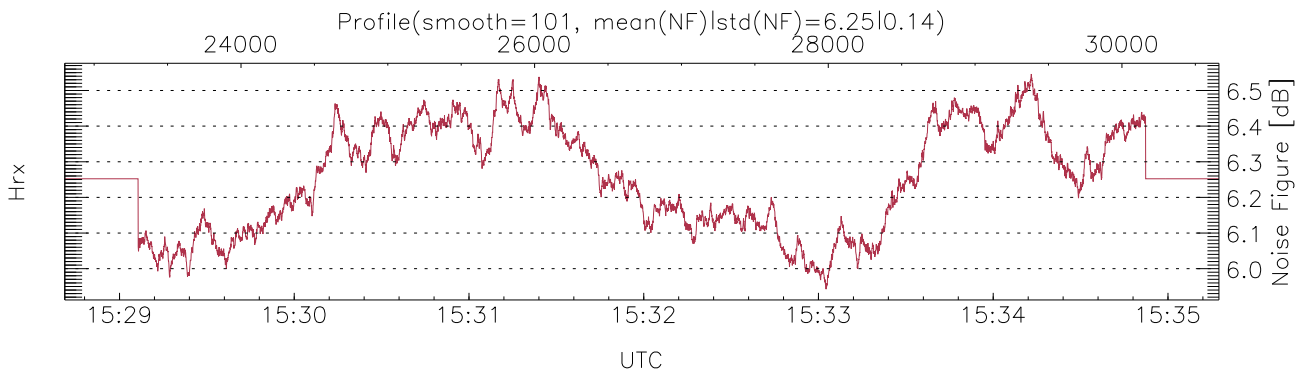
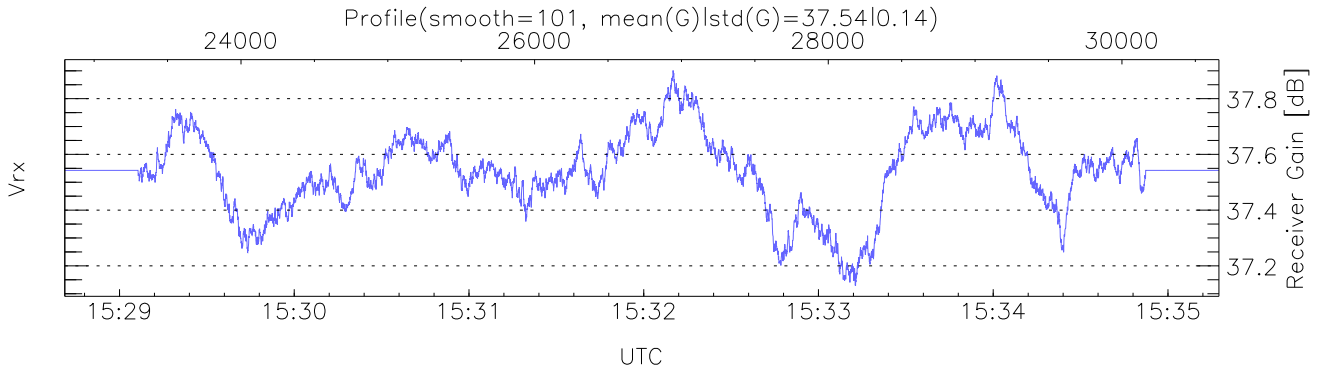
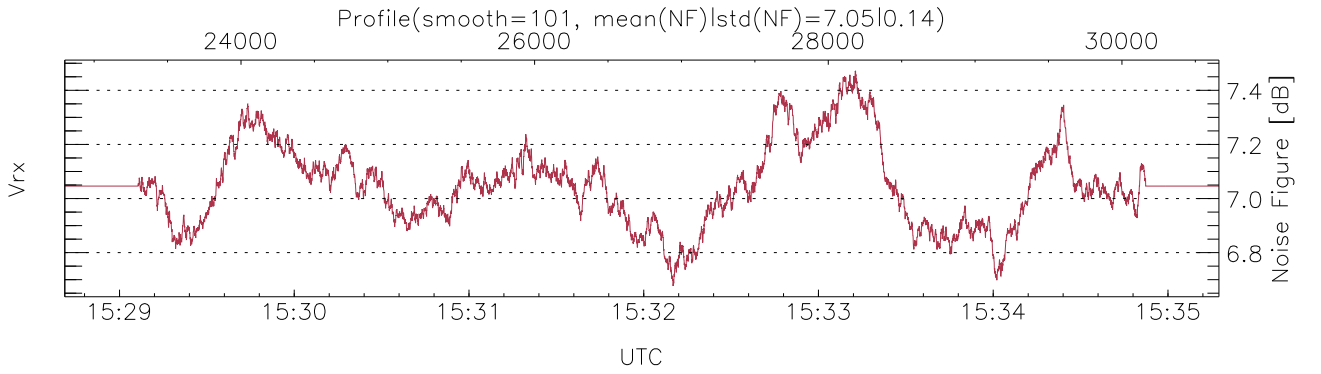
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:09:32-15:35:18, Dur: 1545.70s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 7862/30662, 22800-30661/15:28:41-15:35:18
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, 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): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



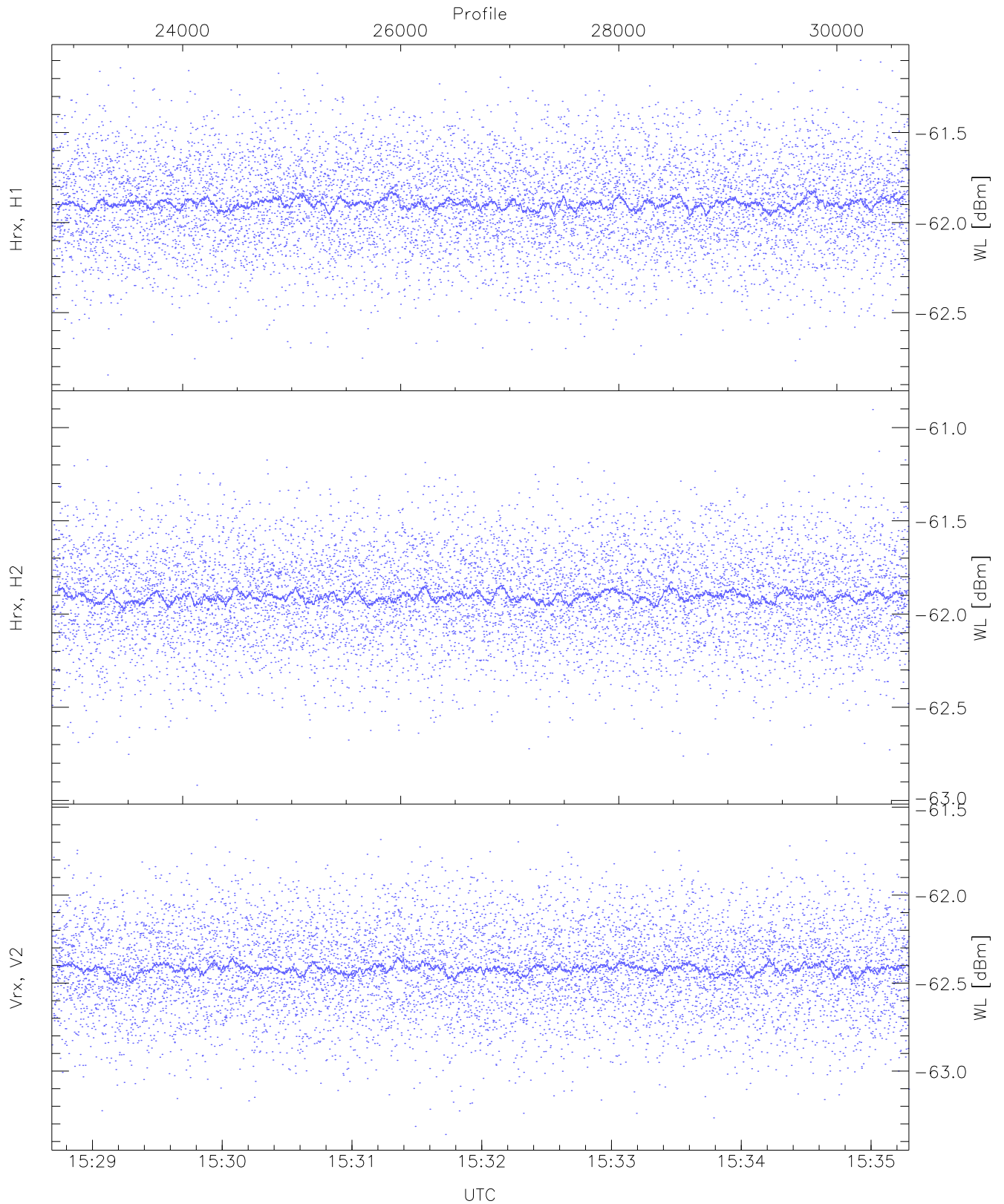
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,22,23,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



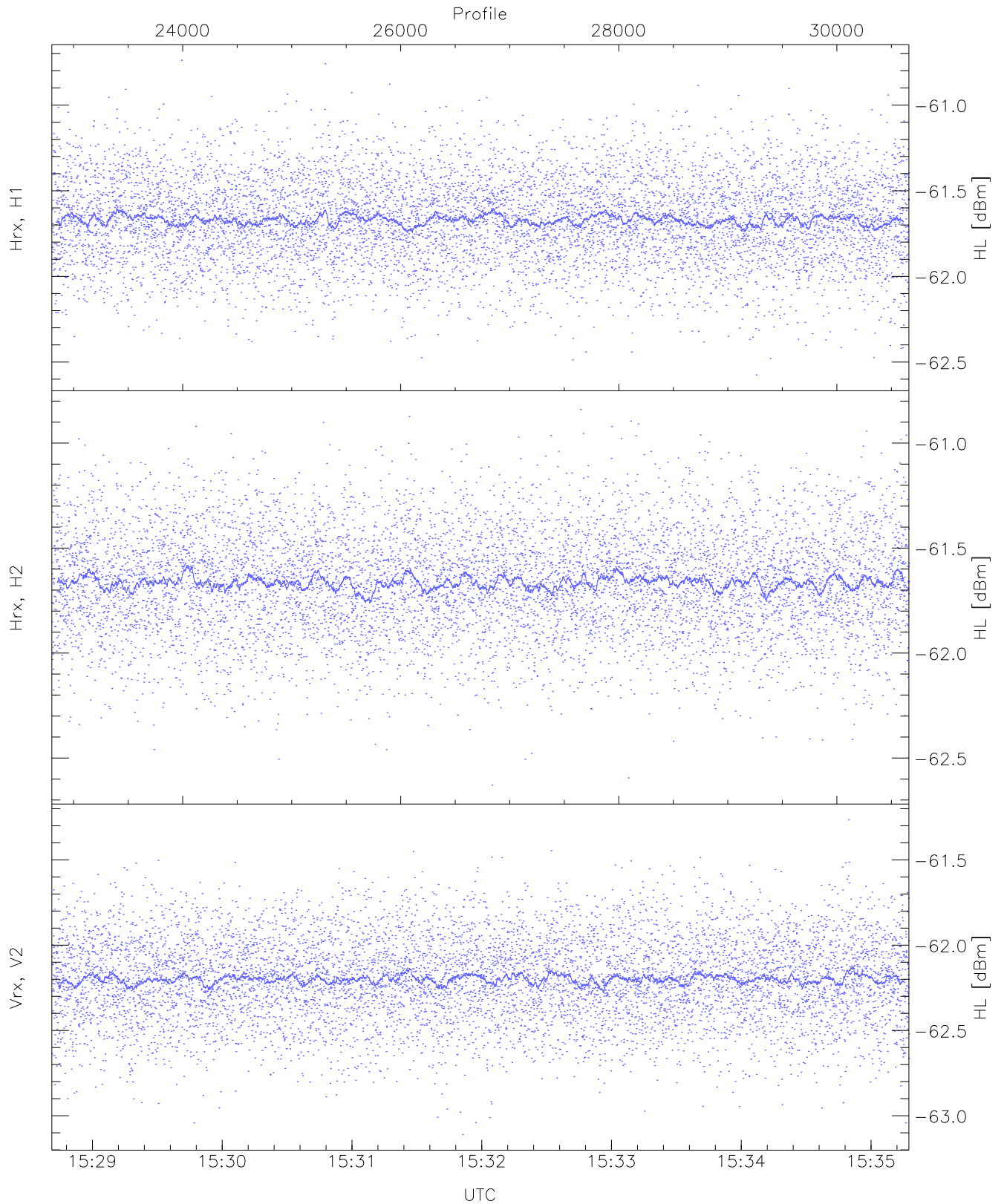
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 6991 pixs, 6 gates, 6814 profs, 1 prods



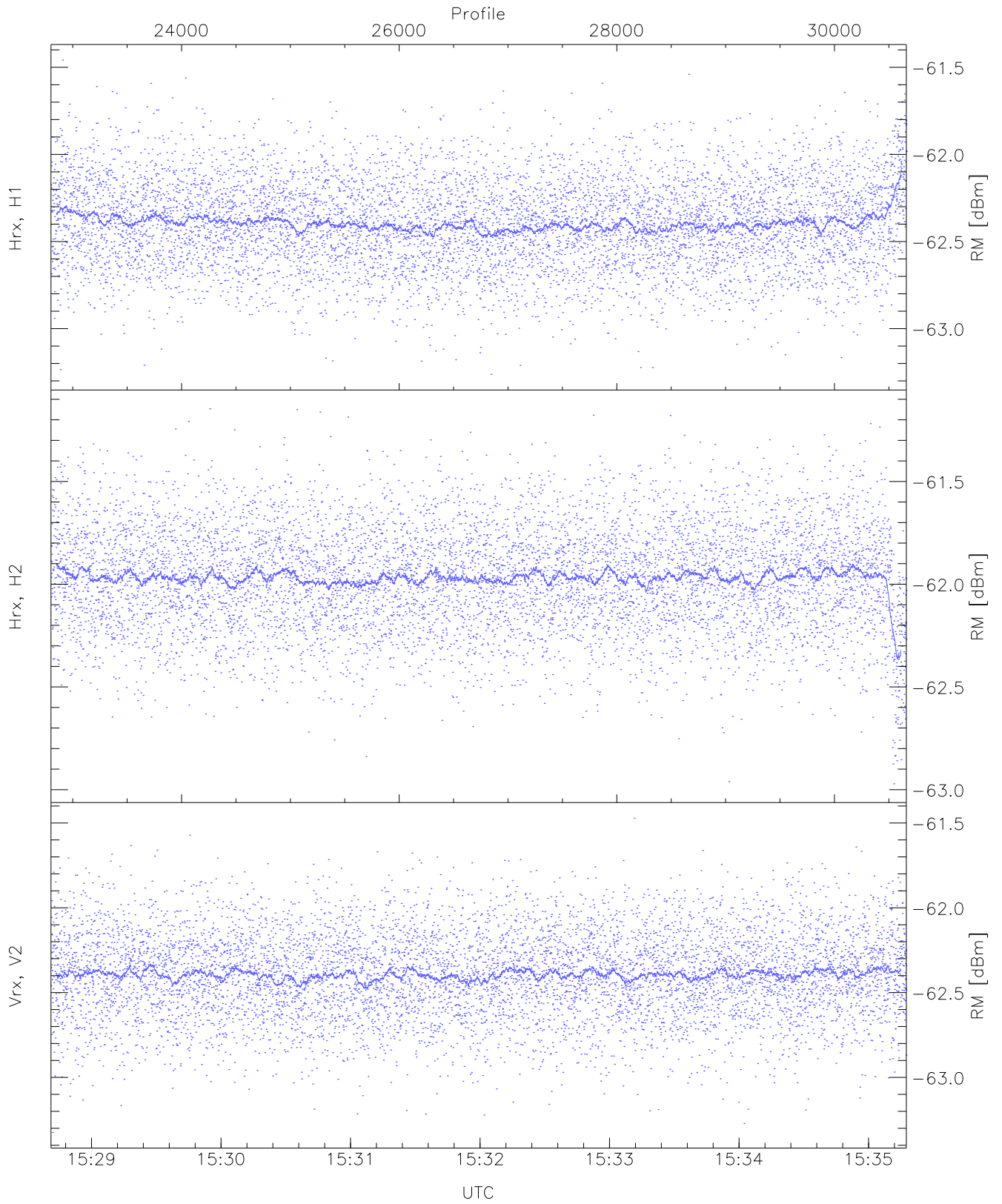
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.85	-61.10	-61.89	-61.89	-74.40
Hrx, H2 (WL [dBm])	-62.92	-60.90	-61.90	-61.91	-74.51
Vrx, V2 (WL [dBm])	-63.36	-61.57	-62.42	-62.42	-75.00



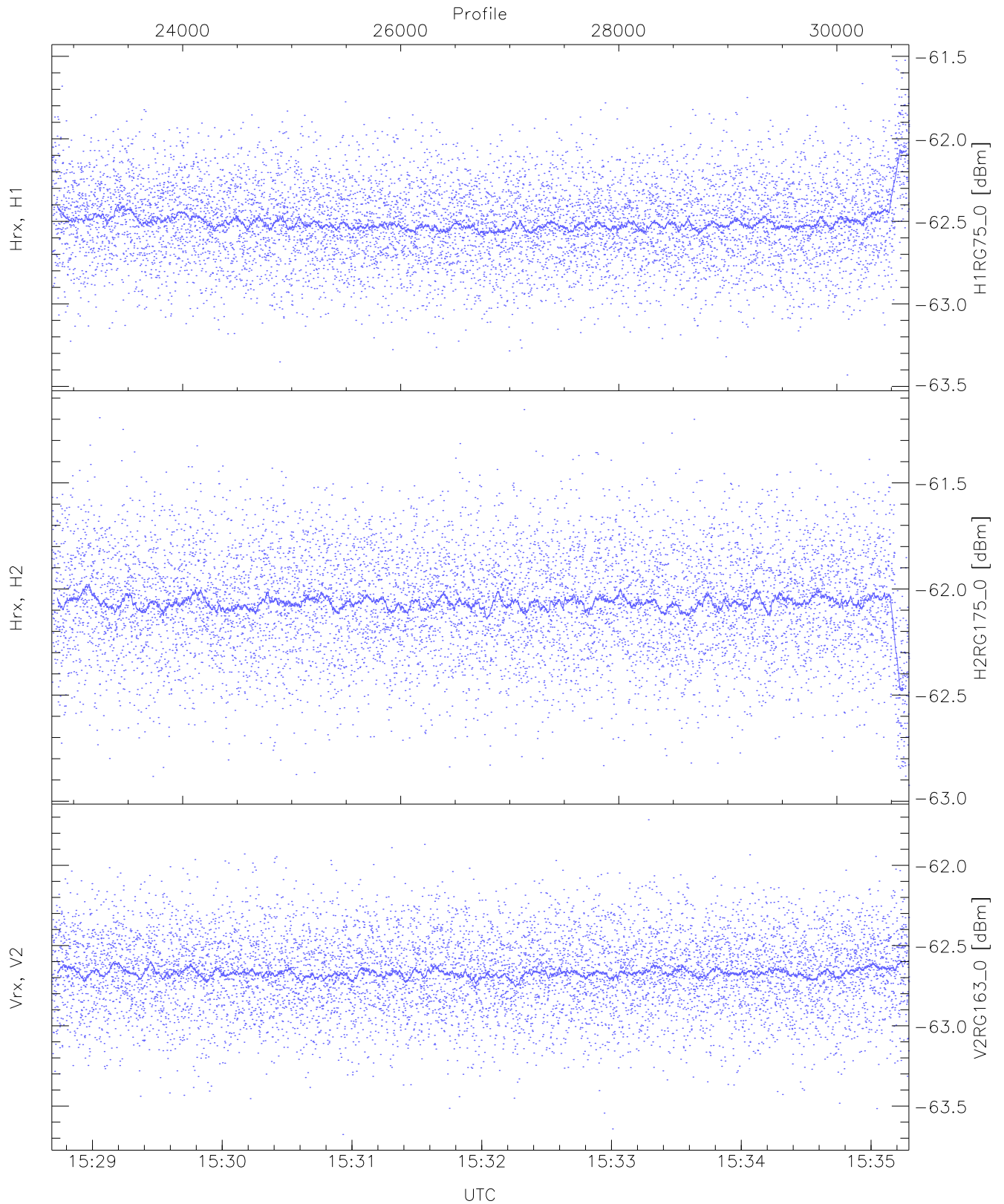
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.58	-60.74	-61.67	-61.67	-74.20
Hrx, H2 (HL [dBm])	-62.63	-60.84	-61.66	-61.67	-74.27
Vrx, V2 (HL [dBm])	-63.11	-61.26	-62.19	-62.20	-74.78



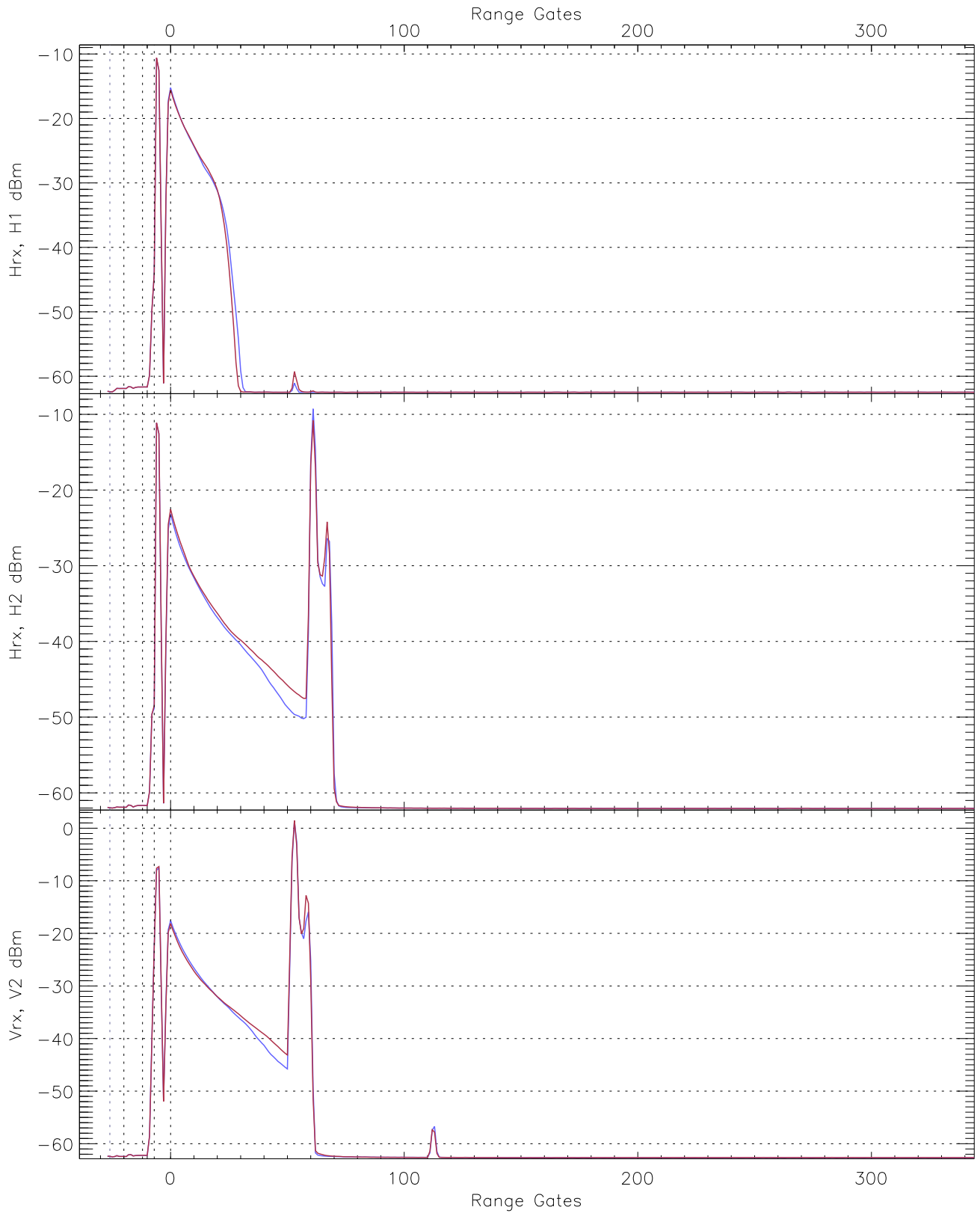
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.26	-61.46	-62.39	-62.40	-74.87
Hrx, H2 (RM [dBm])	-62.97	-61.15	-61.97	-61.97	-74.46
Vrx, V2 (RM [dBm])	-63.32	-61.47	-62.39	-62.39	-74.89

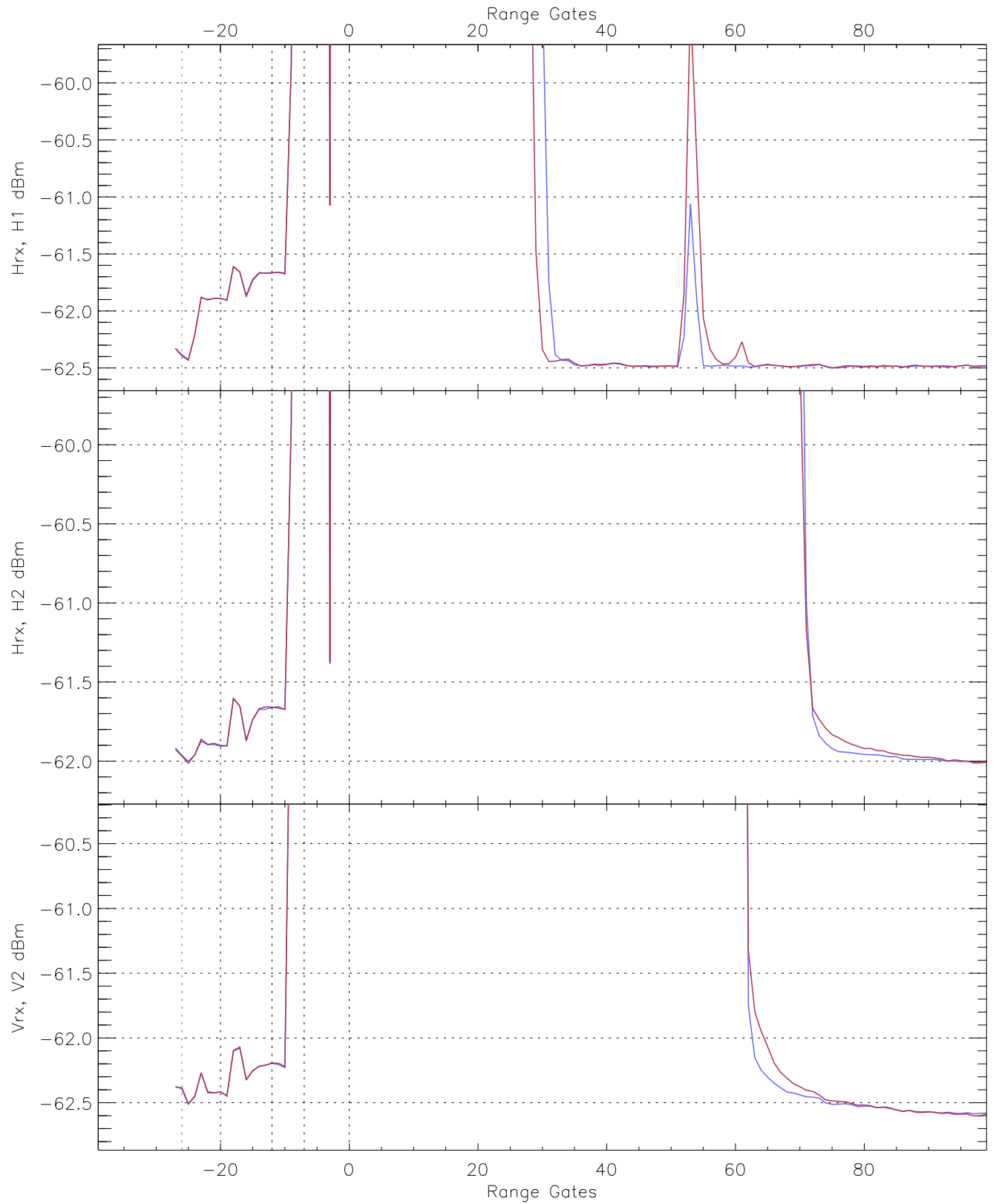


WCR2 CPP "Best" estimate Receivers Noise Power

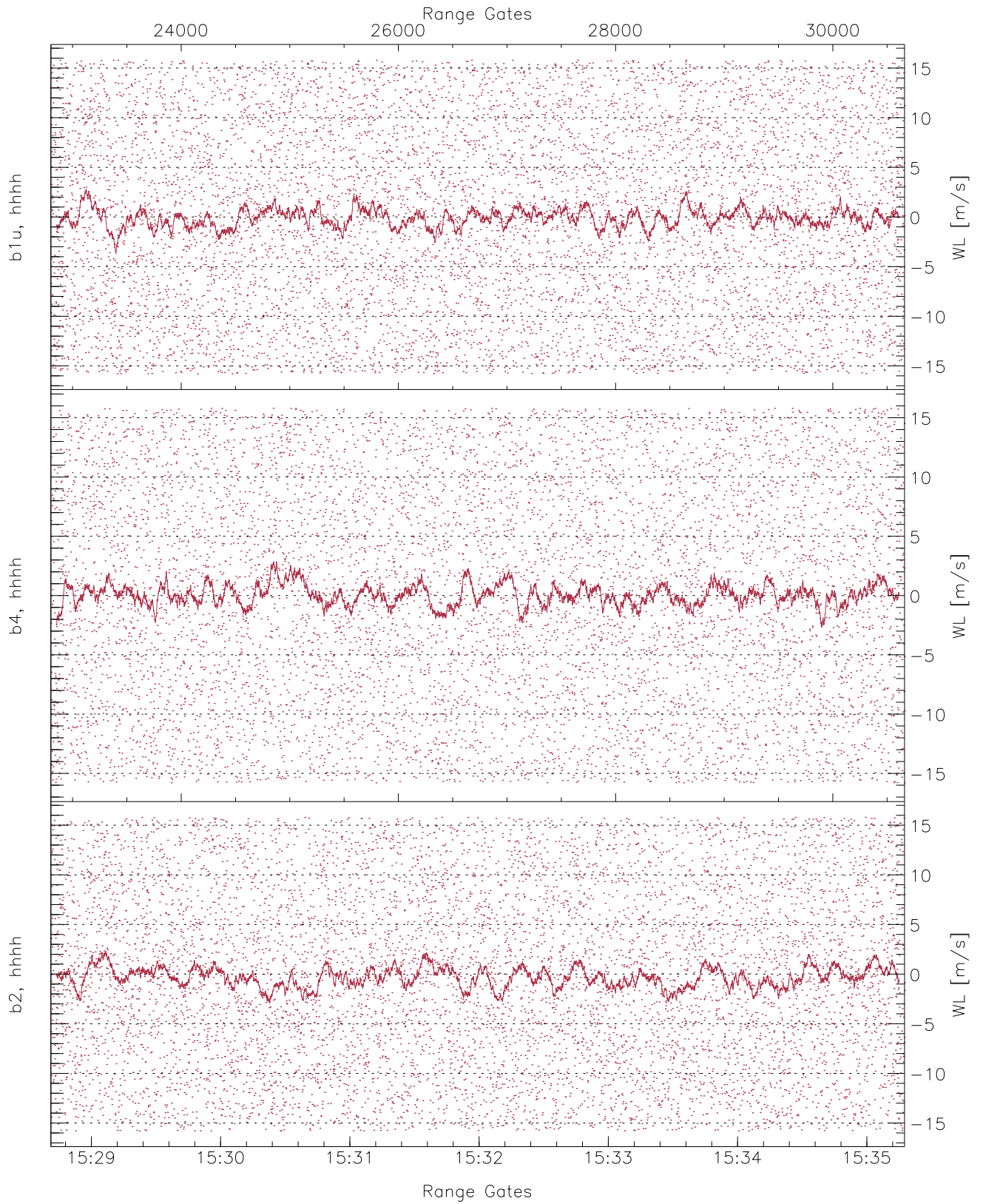
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.43	-61.52	-62.50	-62.51	-74.92
H2RG175_0 [dBm]	-62.93	-61.15	-62.06	-62.07	-74.52
V2RG163_0 [dBm]	-63.68	-61.72	-62.67	-62.67	-75.21



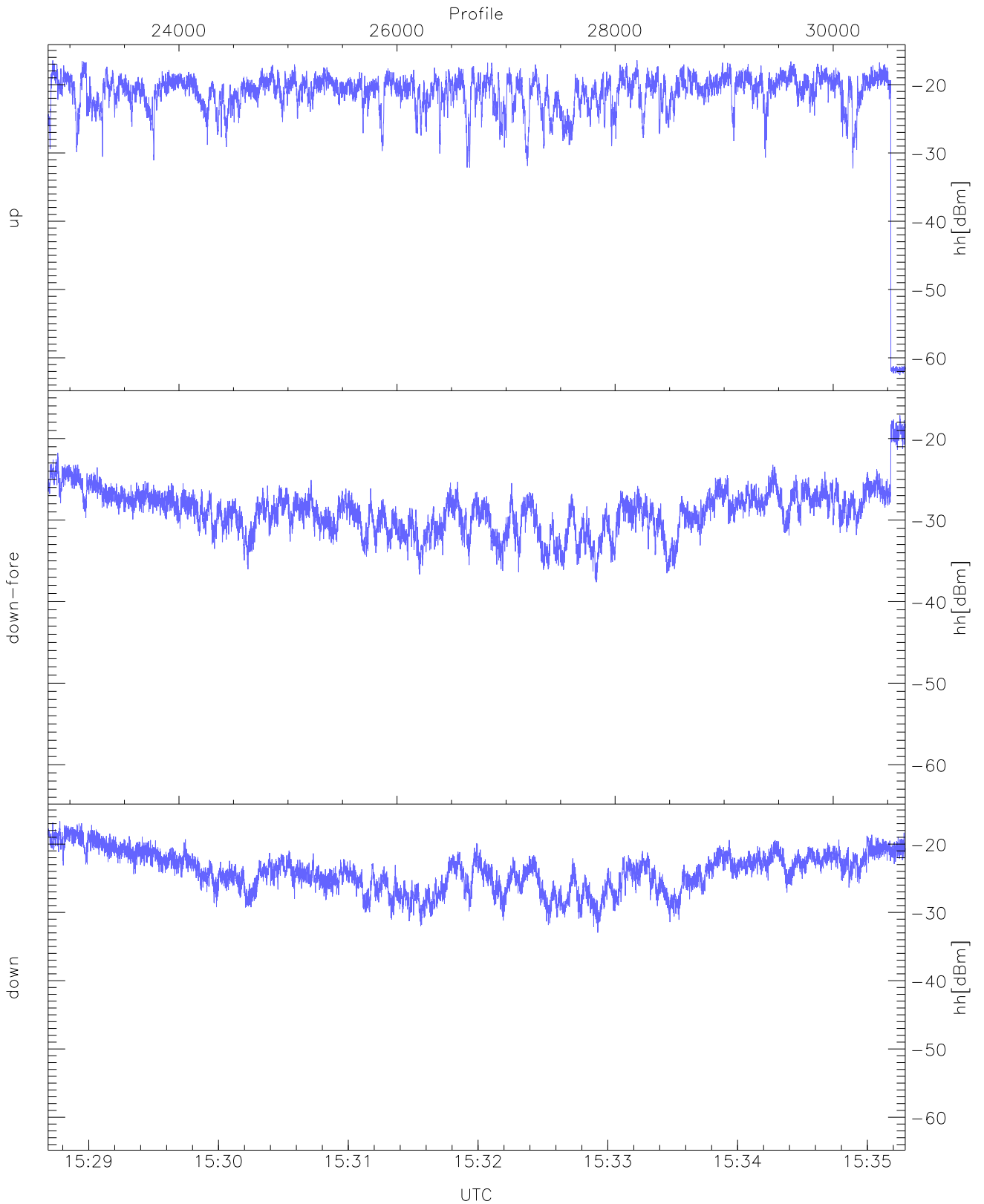
WCR2 CPP Averaged Received power for all recorded gates
blue: 152841-153159, 3932 profiles averaged
red: 153159-153518, 3931 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 152841-153159, 3932 profiles averaged
red: 153159-153518, 3931 profiles averaged

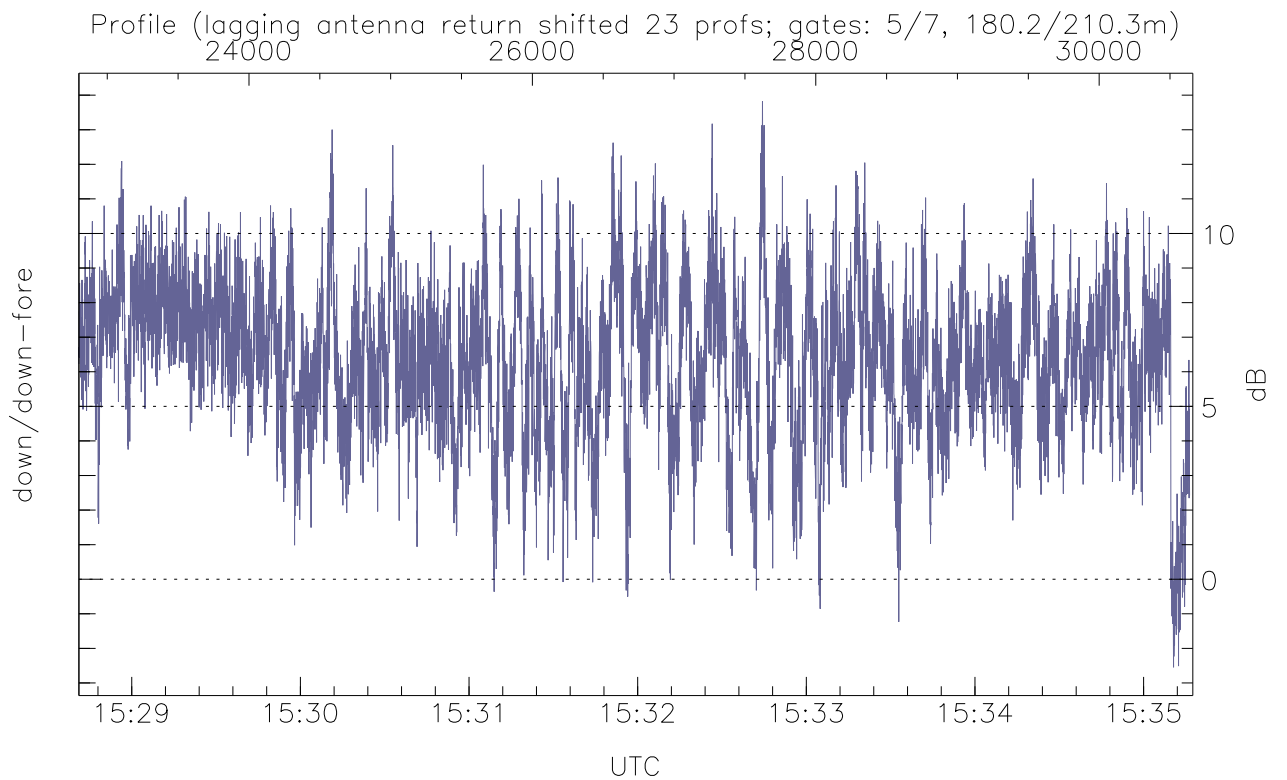
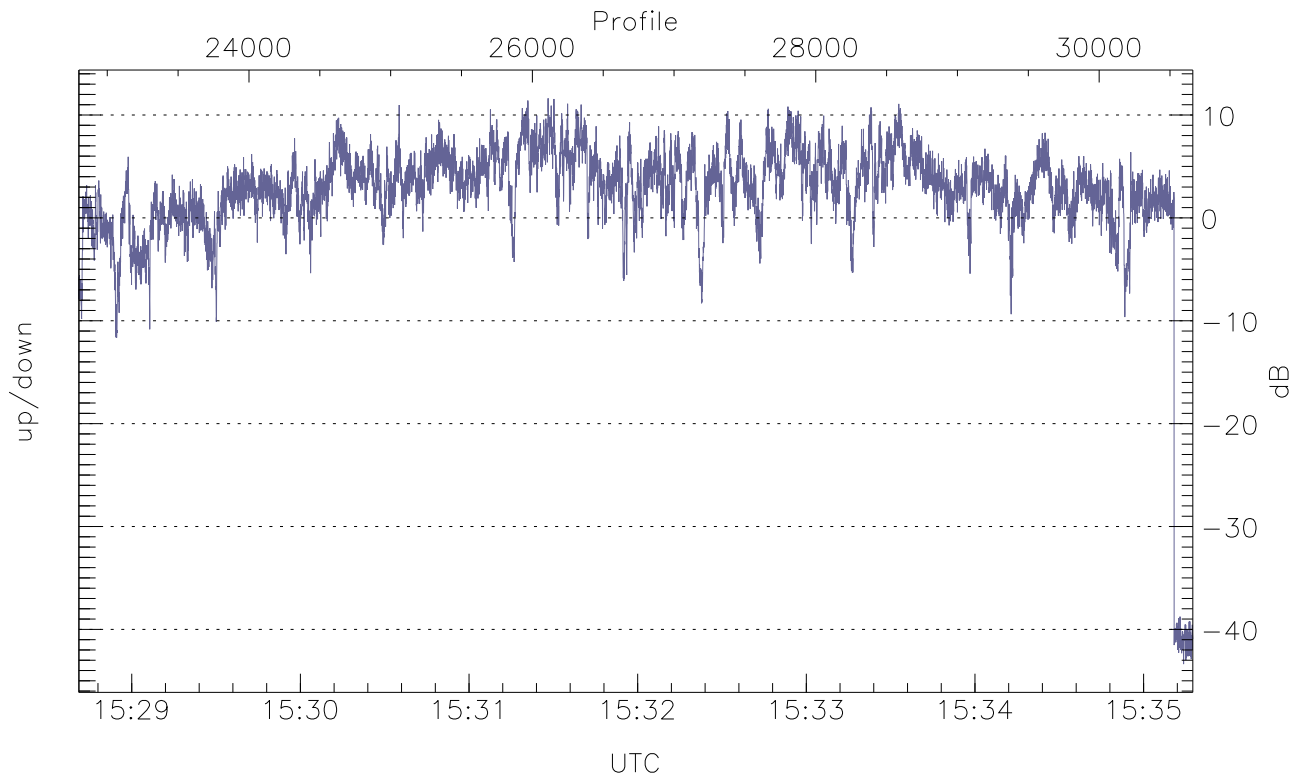


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



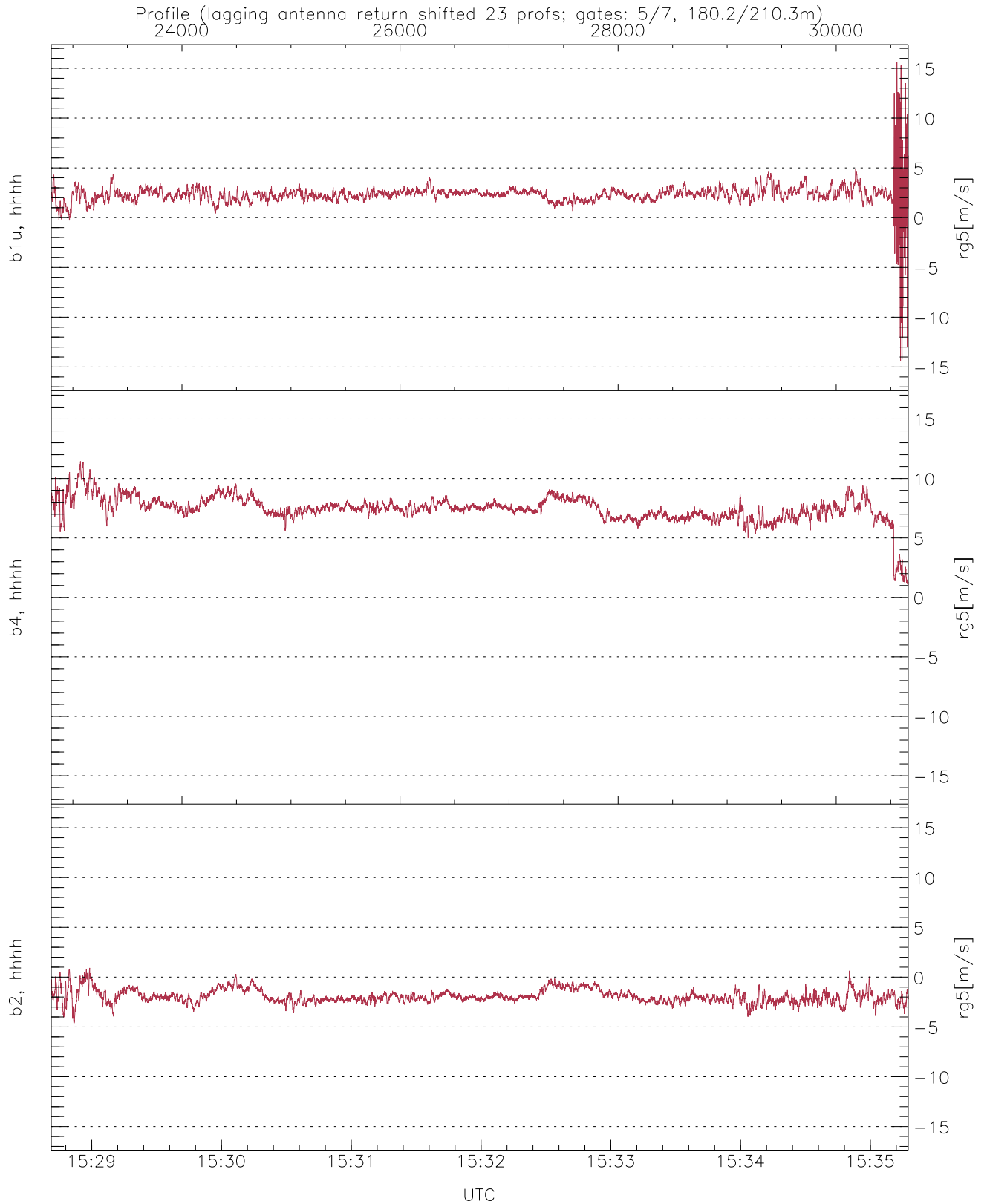
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.52	-16.44	-20.63
down-fore(hh[dBm])	-37.62	-17.14	-27.89
down(hh[dBm])	-32.97	-16.66	-23.18



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-43.37	11.62	2.27
down/down-fore (dB)	-2.55	13.82	6.40



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-14.40	15.59	2.34	0.98
b4, hhhh(rg5[m/s])	0.95	11.44	7.45	1.08
b2, hhhh(rg5[m/s])	-4.68	0.93	-1.92	0.67