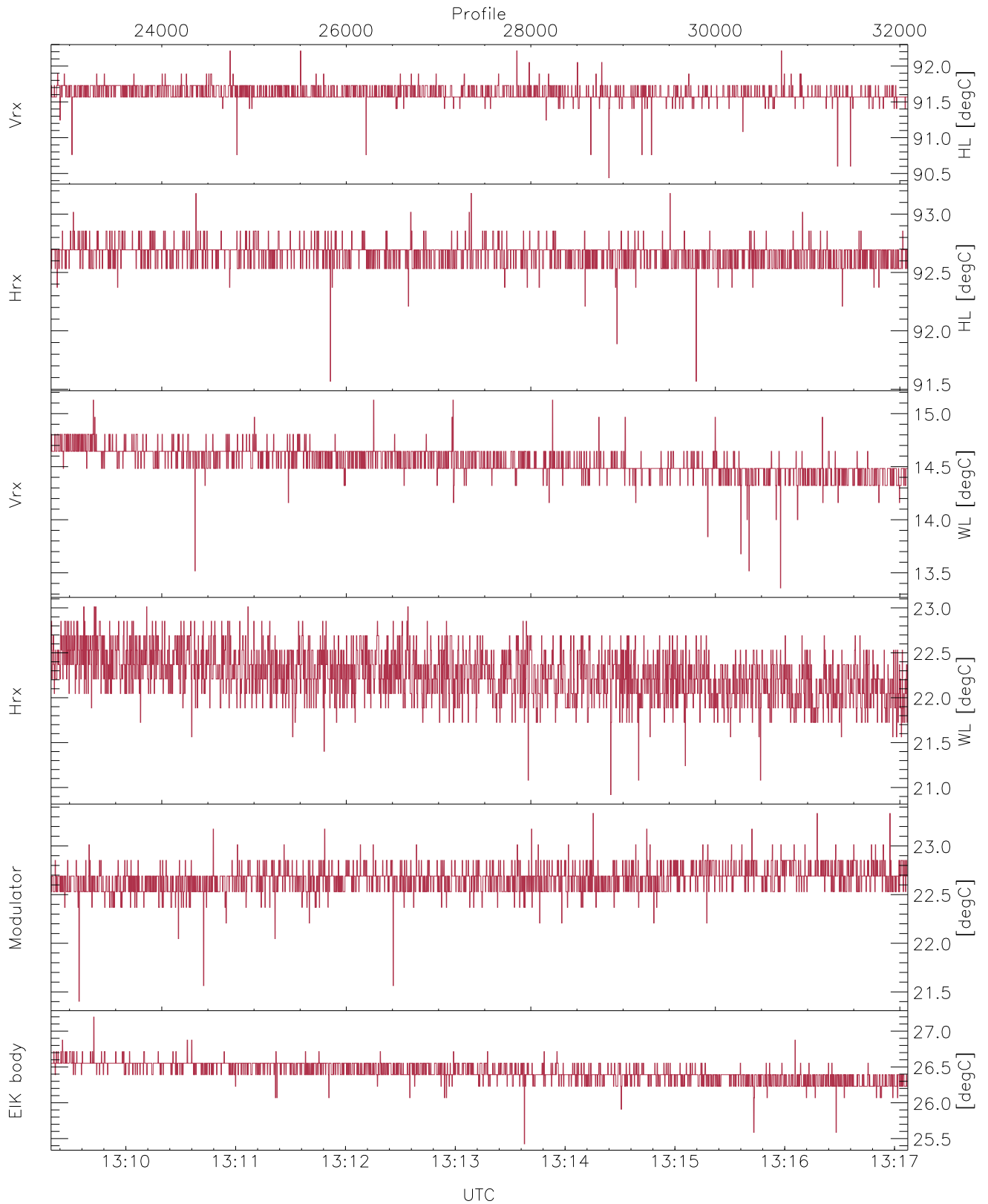


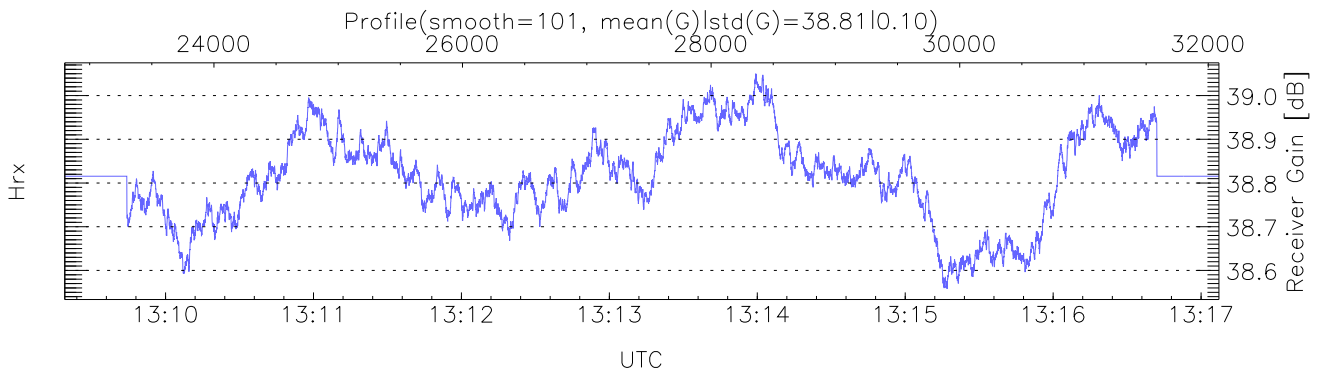
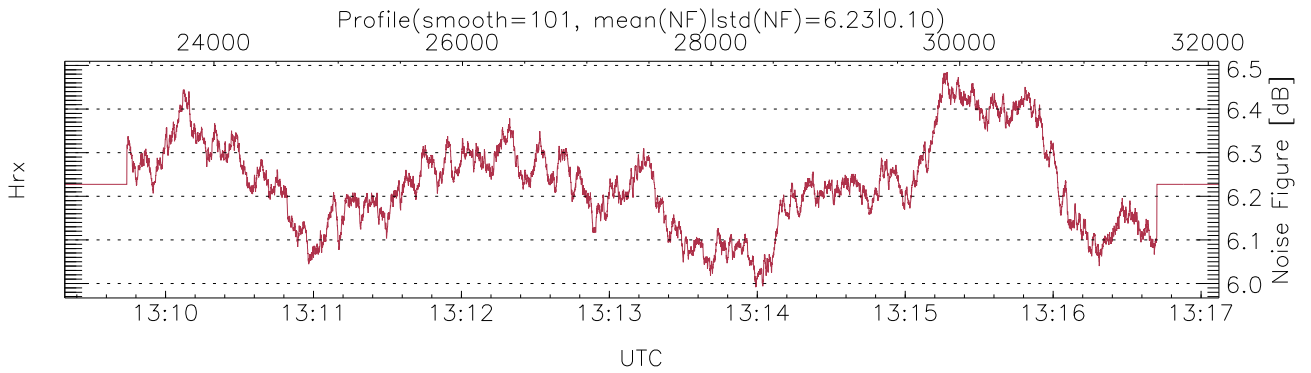
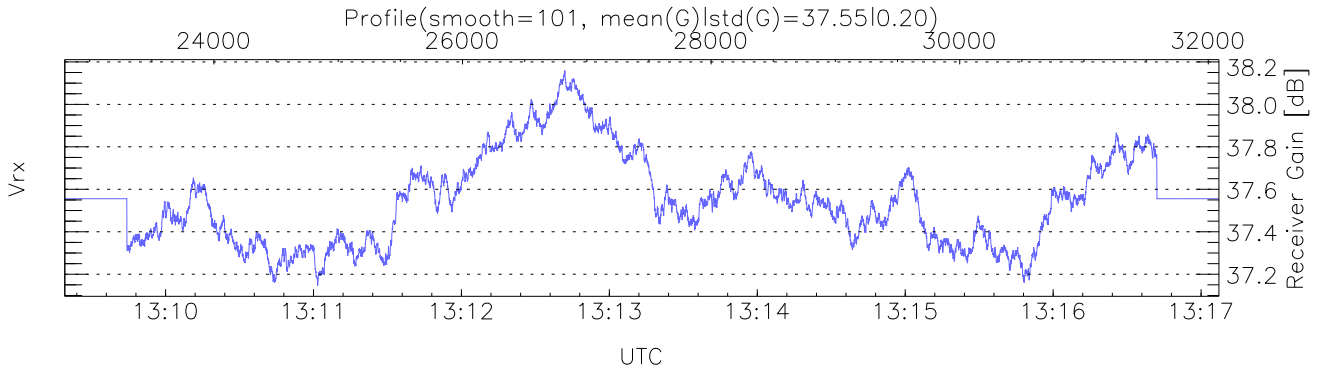
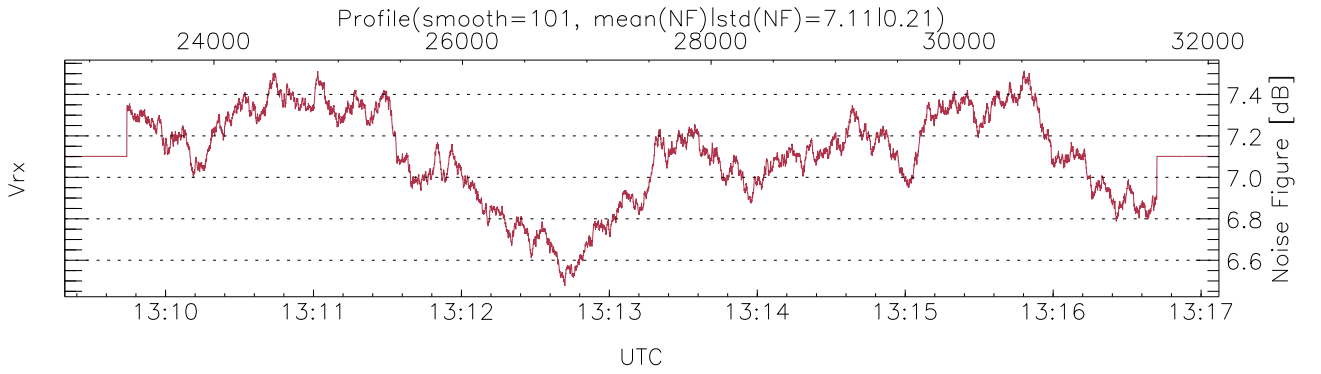
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 12:50:10-13:17:07, Dur: 1617.54s
 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): 9287/32087, 22800-32086/13:09:19-13:17:07
 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,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



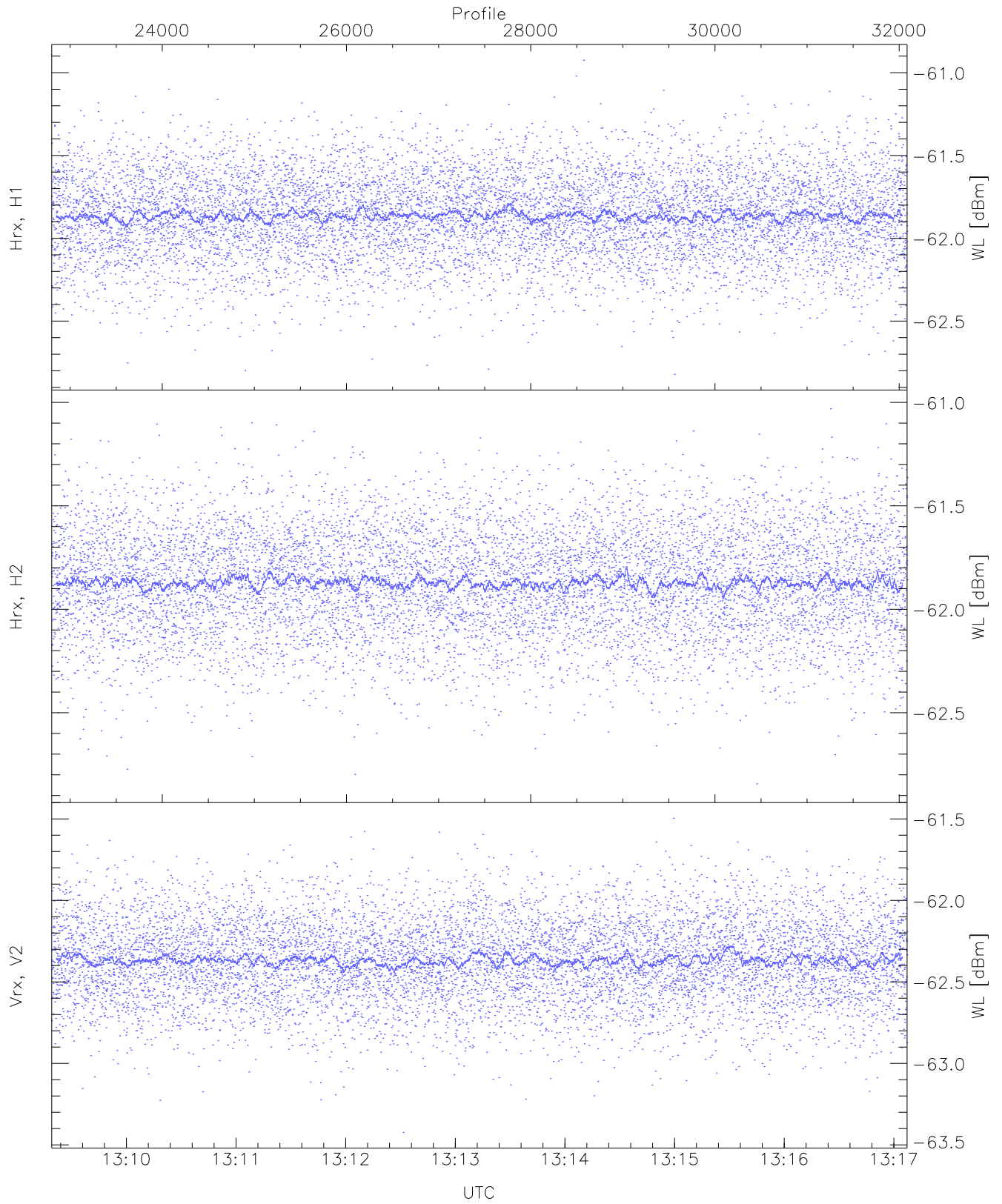
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,20,21,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,23,27`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK/Modulator Faults: None`



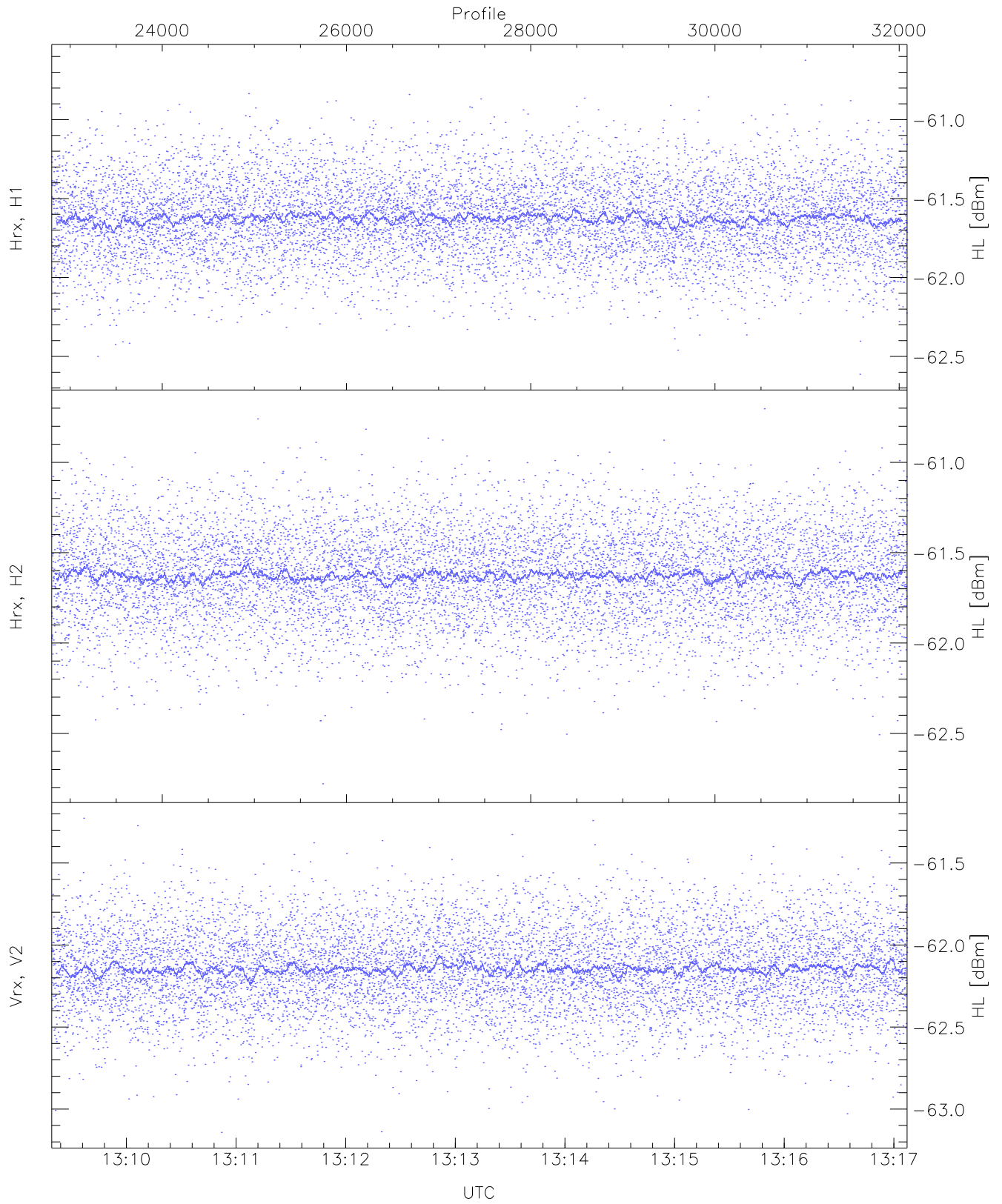
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 521 pixs, 17 gates, 515 profs, 2 prods



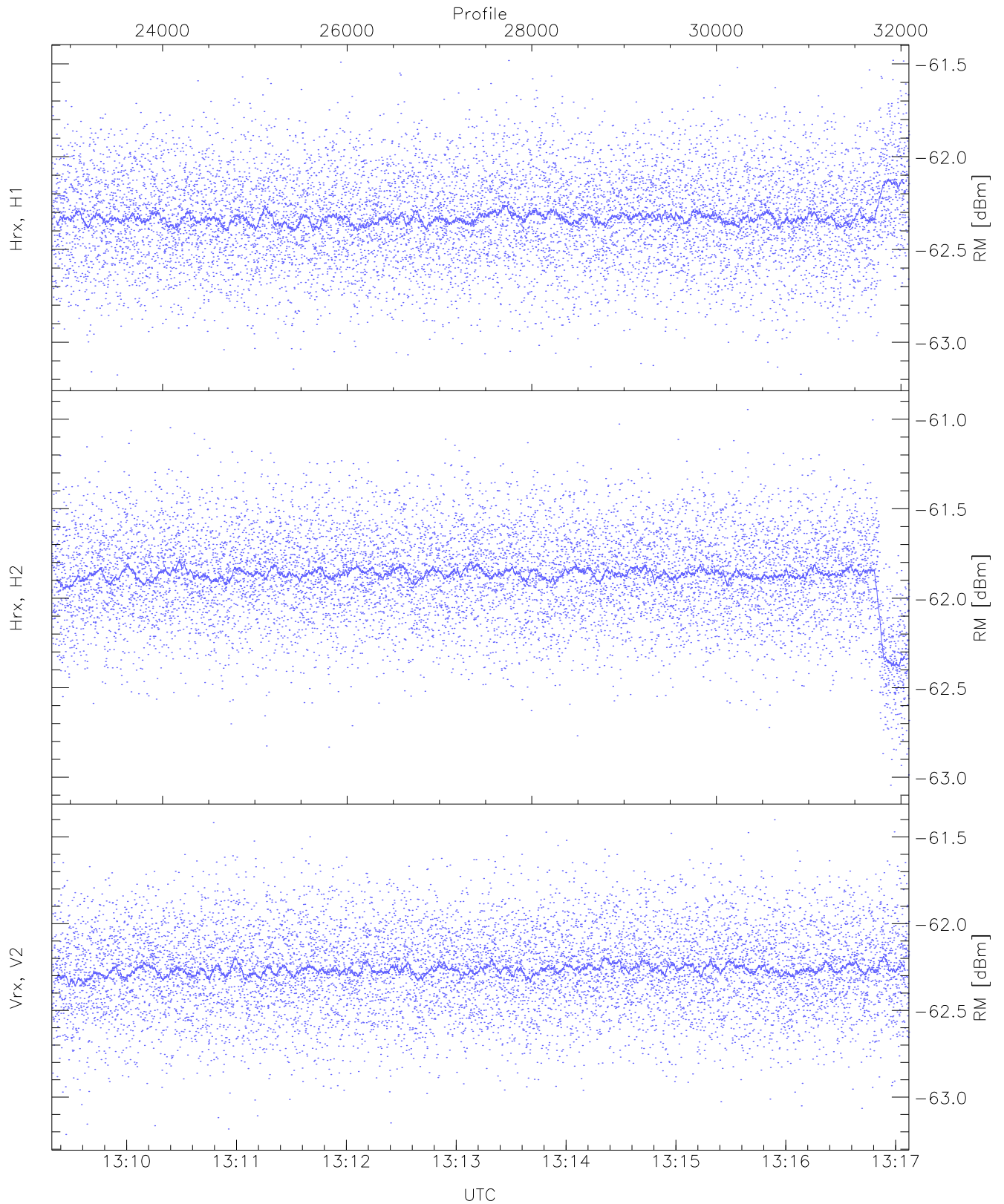
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.82	-60.92	-61.86	-61.86	-74.44
Hrx, H2 (WL [dBm])	-62.84	-61.03	-61.87	-61.87	-74.46
Vrx, V2 (WL [dBm])	-63.42	-61.50	-62.36	-62.37	-74.94



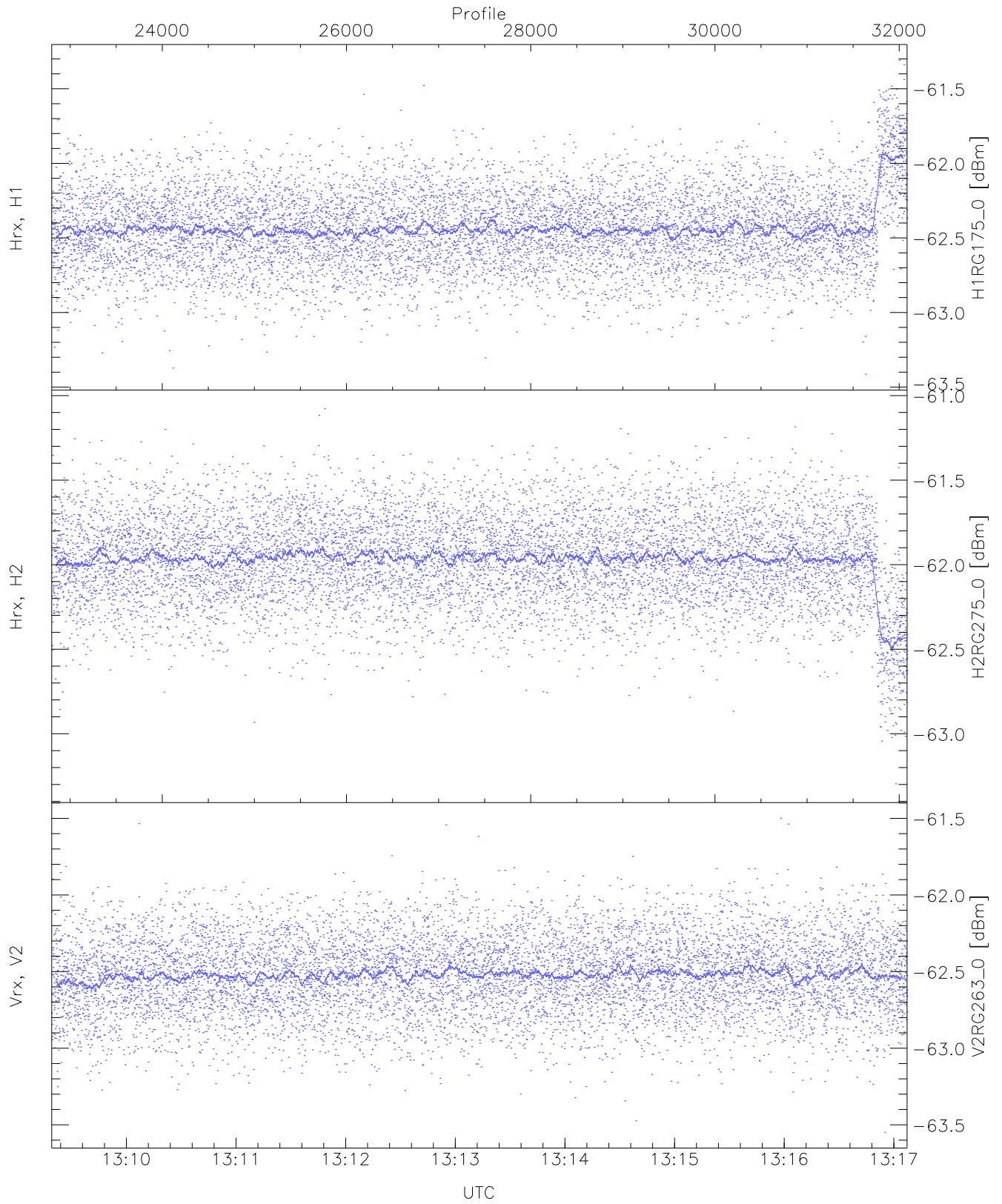
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.61	-60.62	-61.62	-61.63	-74.20
Hrx, H2 (HL [dBm])	-62.78	-60.70	-61.62	-61.62	-74.24
Vrx, V2 (HL [dBm])	-63.14	-61.23	-62.14	-62.15	-74.74



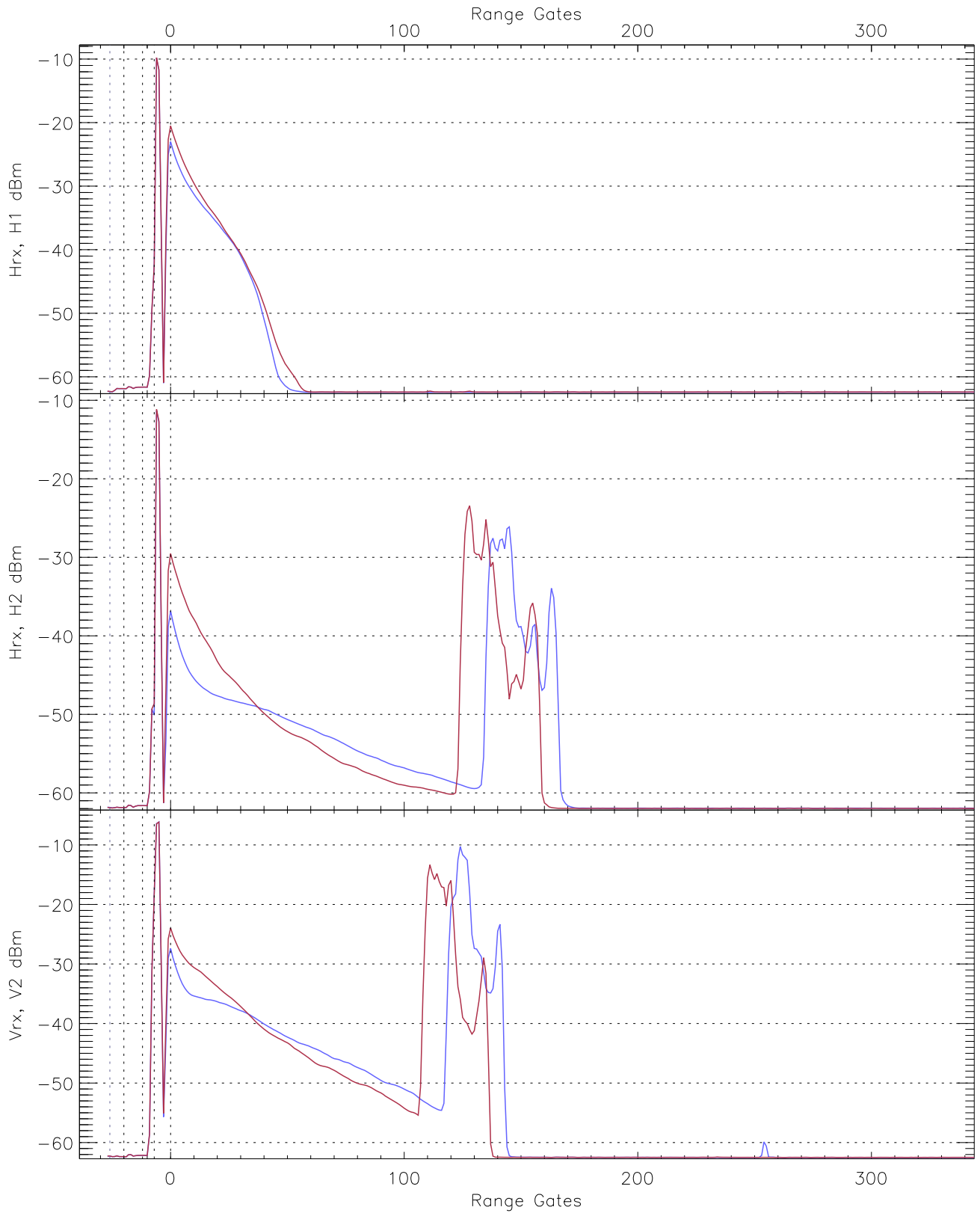
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.18	-61.48	-62.32	-62.33	-74.78
Hrx, H2 (RM [dBm])	-63.04	-60.95	-61.87	-61.87	-74.16
Vrx, V2 (RM [dBm])	-63.22	-61.40	-62.26	-62.27	-74.81

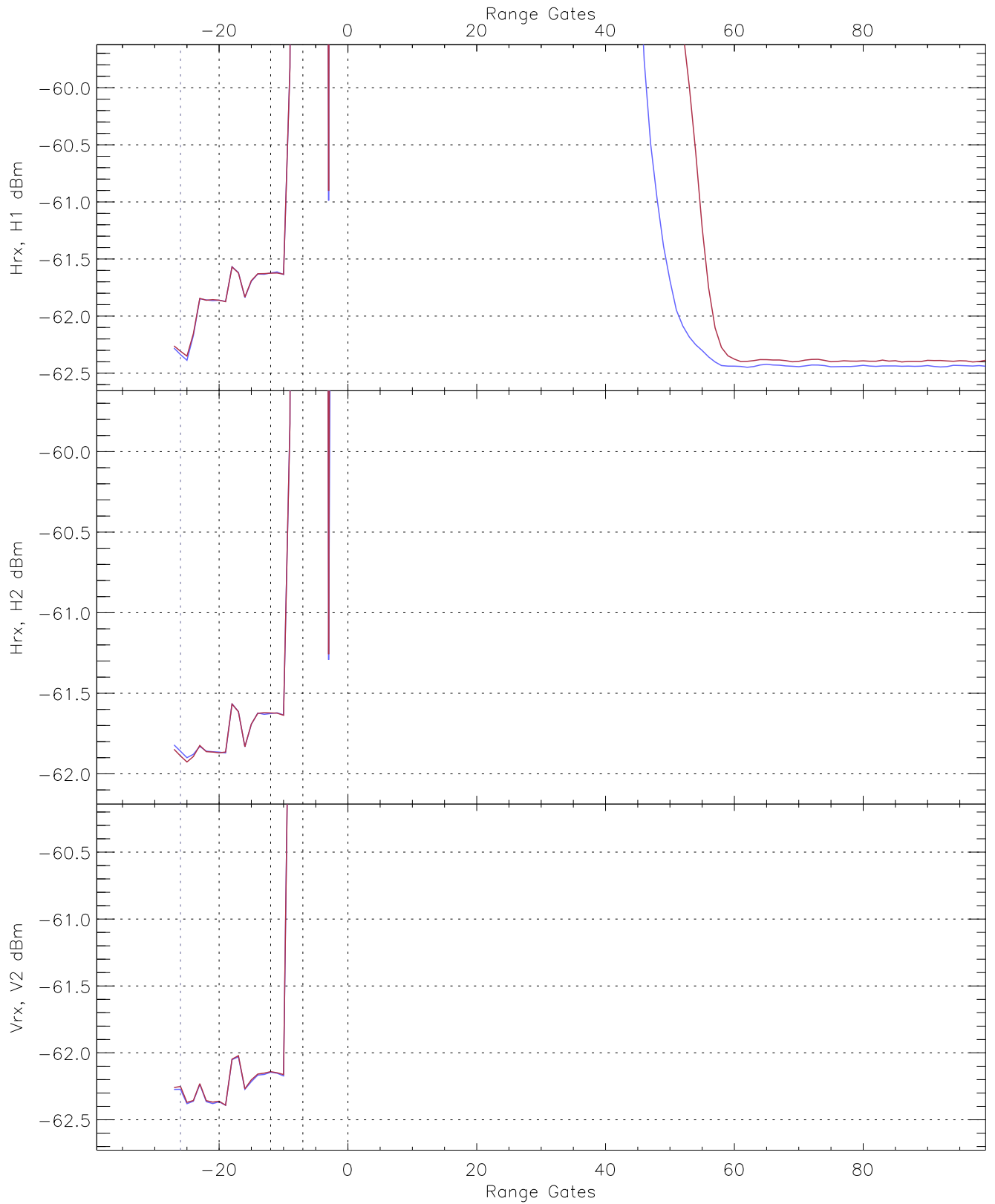


WCR2 CPP "Best" estimate Receivers Noise Power

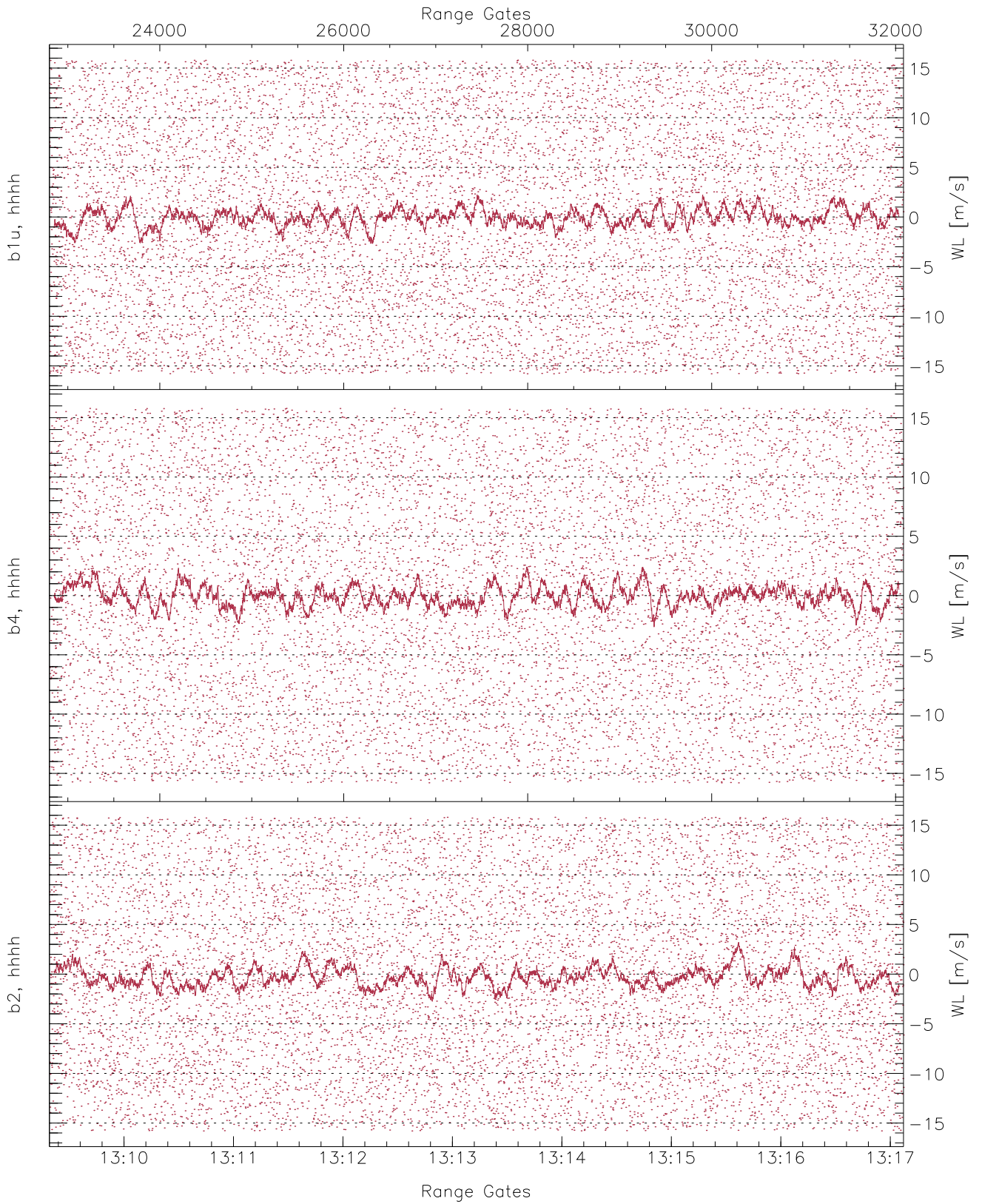
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.41	-61.31	-62.43	-62.44	-74.71
H2RG275_0 [dBm]	-63.30	-61.08	-61.97	-61.97	-74.29
V2RG263_0 [dBm]	-63.55	-61.50	-62.52	-62.52	-75.07



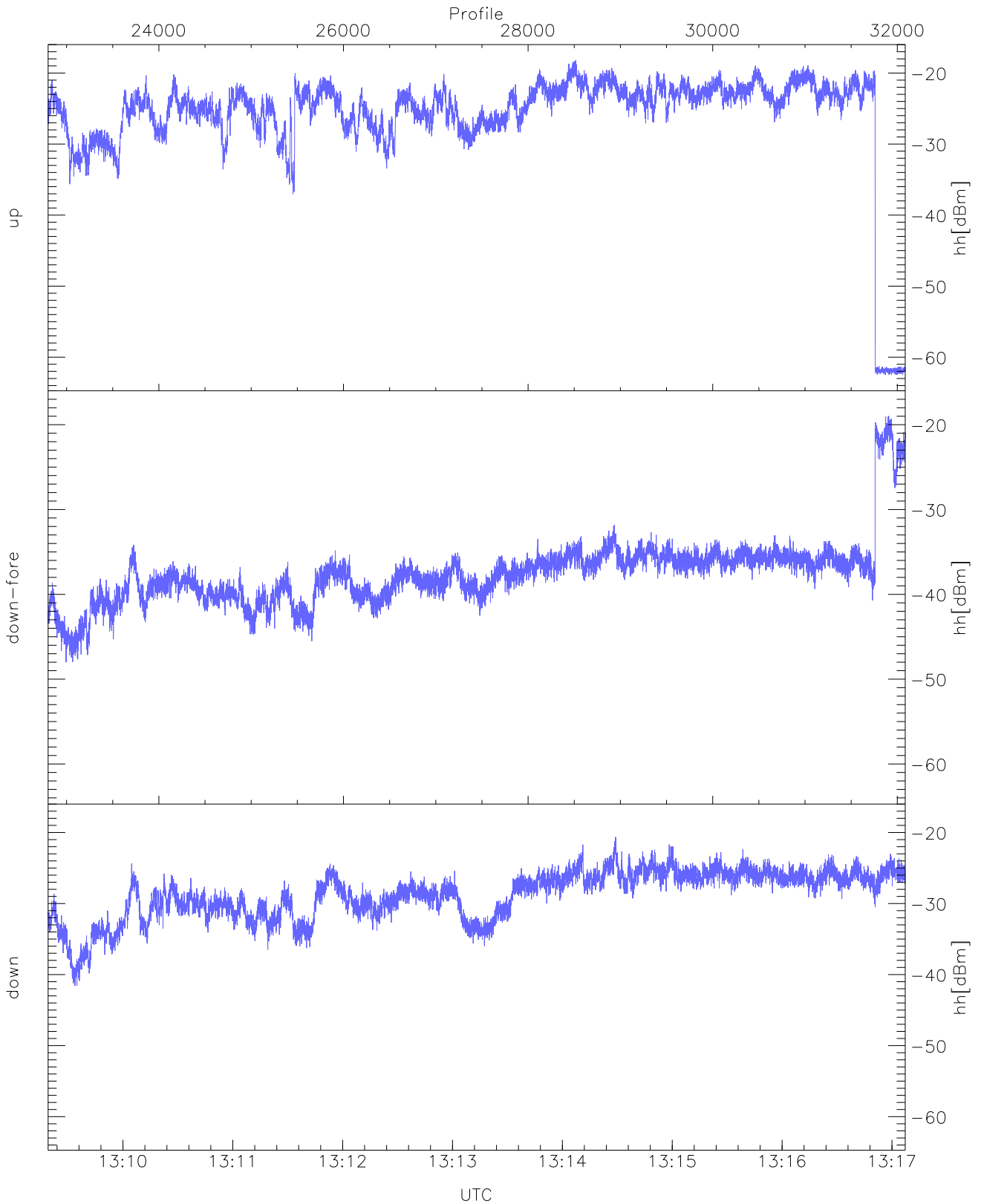
WCR2 CPP Averaged Received power for all recorded gates
blue: 130919-131313, 4644 profiles averaged
red: 131313-131707, 4644 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 130919-131313, 4644 profiles averaged
red: 131313-131707, 4644 profiles averaged

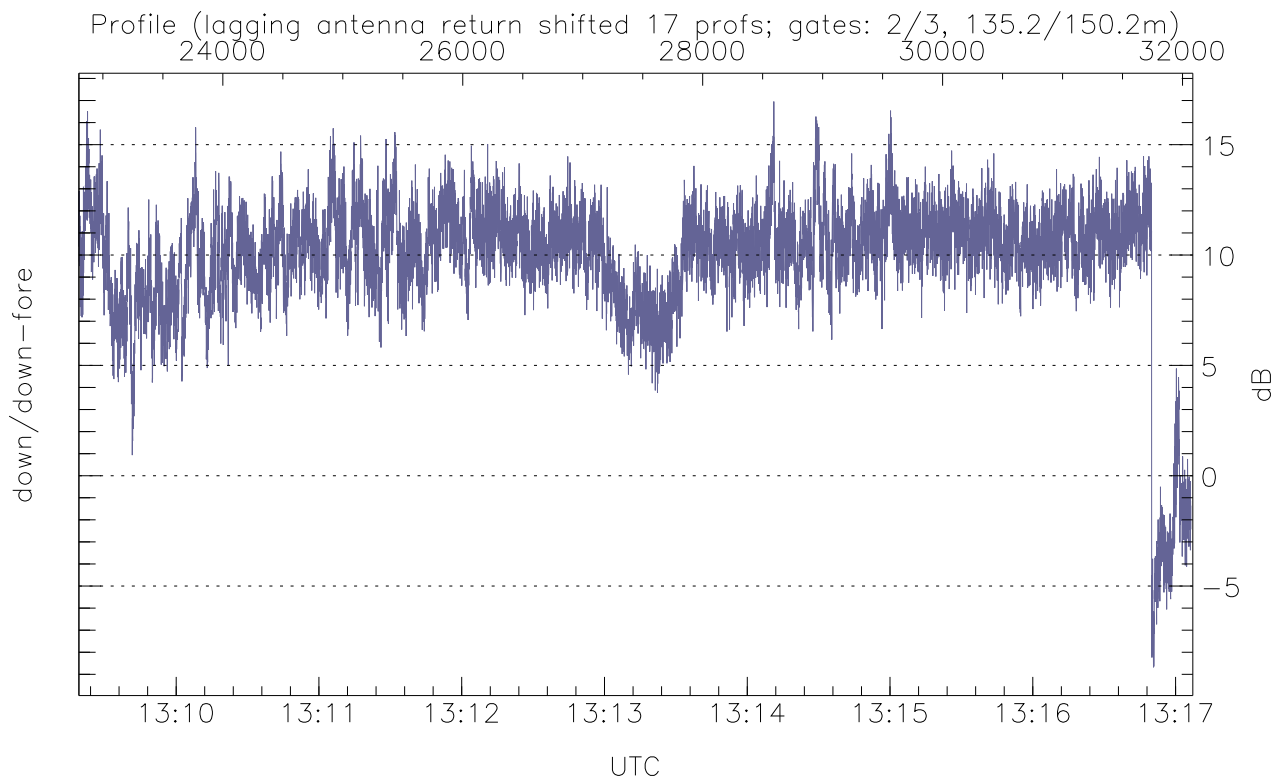
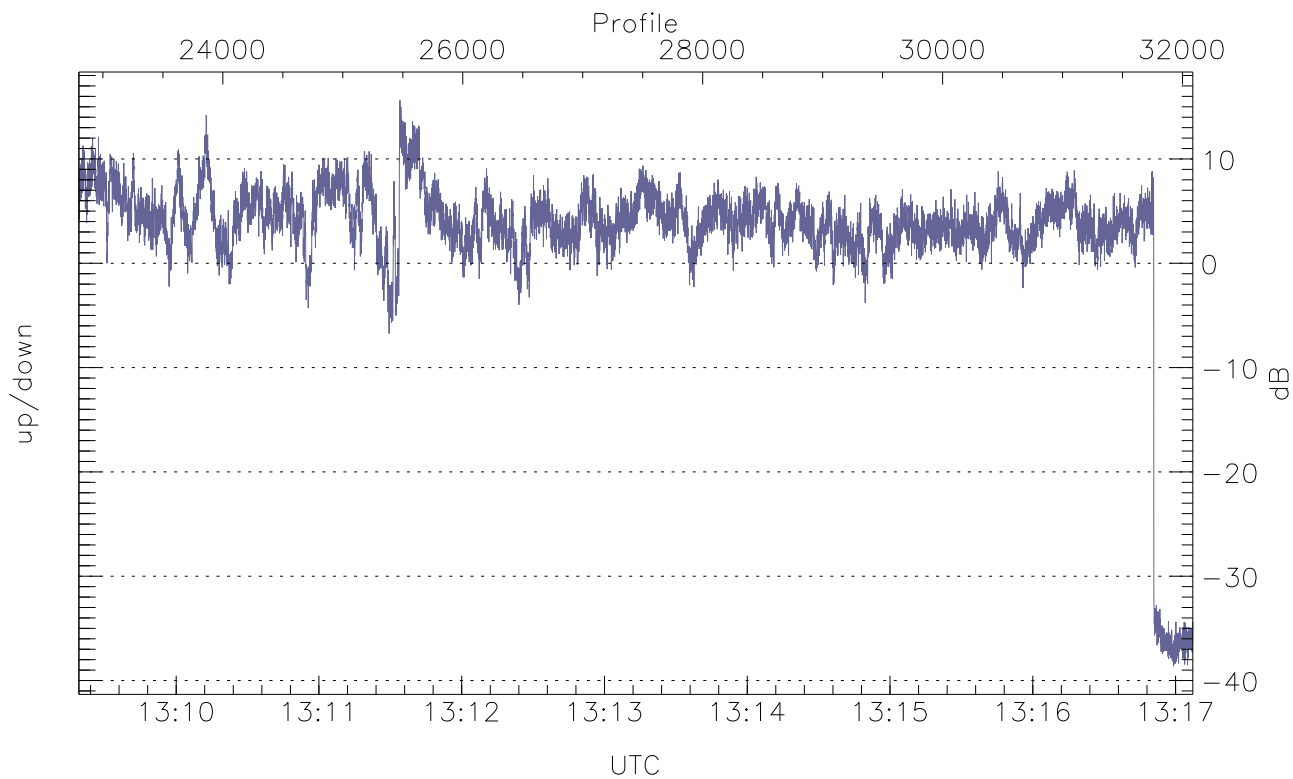


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



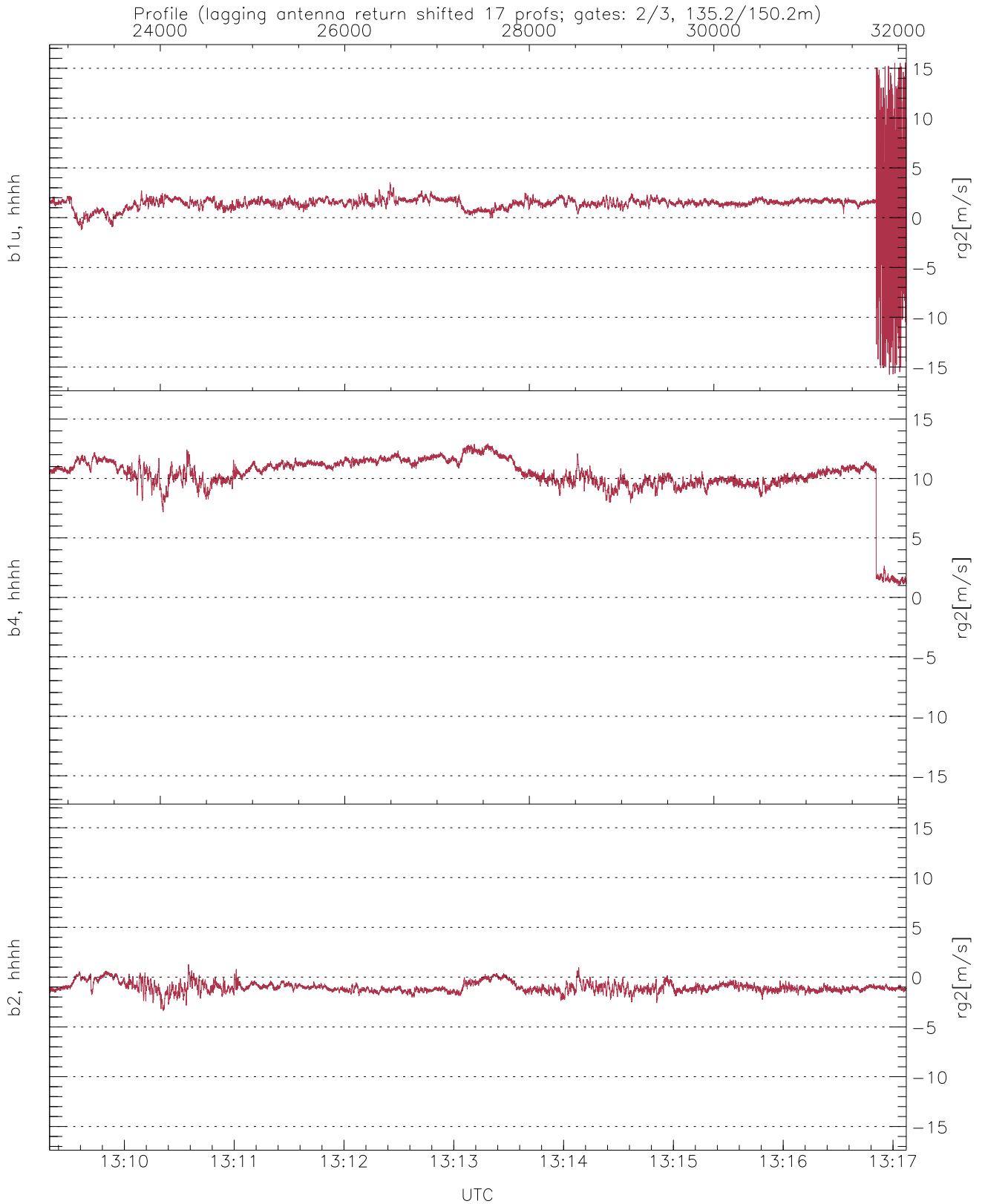
WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.51	-18.21	-23.91
down-fore(hh[dBm])	-48.01	-18.98	-34.03
down(hh[dBm])	-41.58	-20.65	-27.71



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 2 (135 m)

	Min	Max	Mean
up/down (dB)	-38.62	15.62	2.83
down/down-fore (dB)	-8.68	16.96	9.86



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-15.75	15.57	1.40	1.74
b4, hhhh(rg2[m/s])	1.07	12.93	10.24	1.90
b2, hhhh(rg2[m/s])	-3.36	1.28	-1.02	0.51