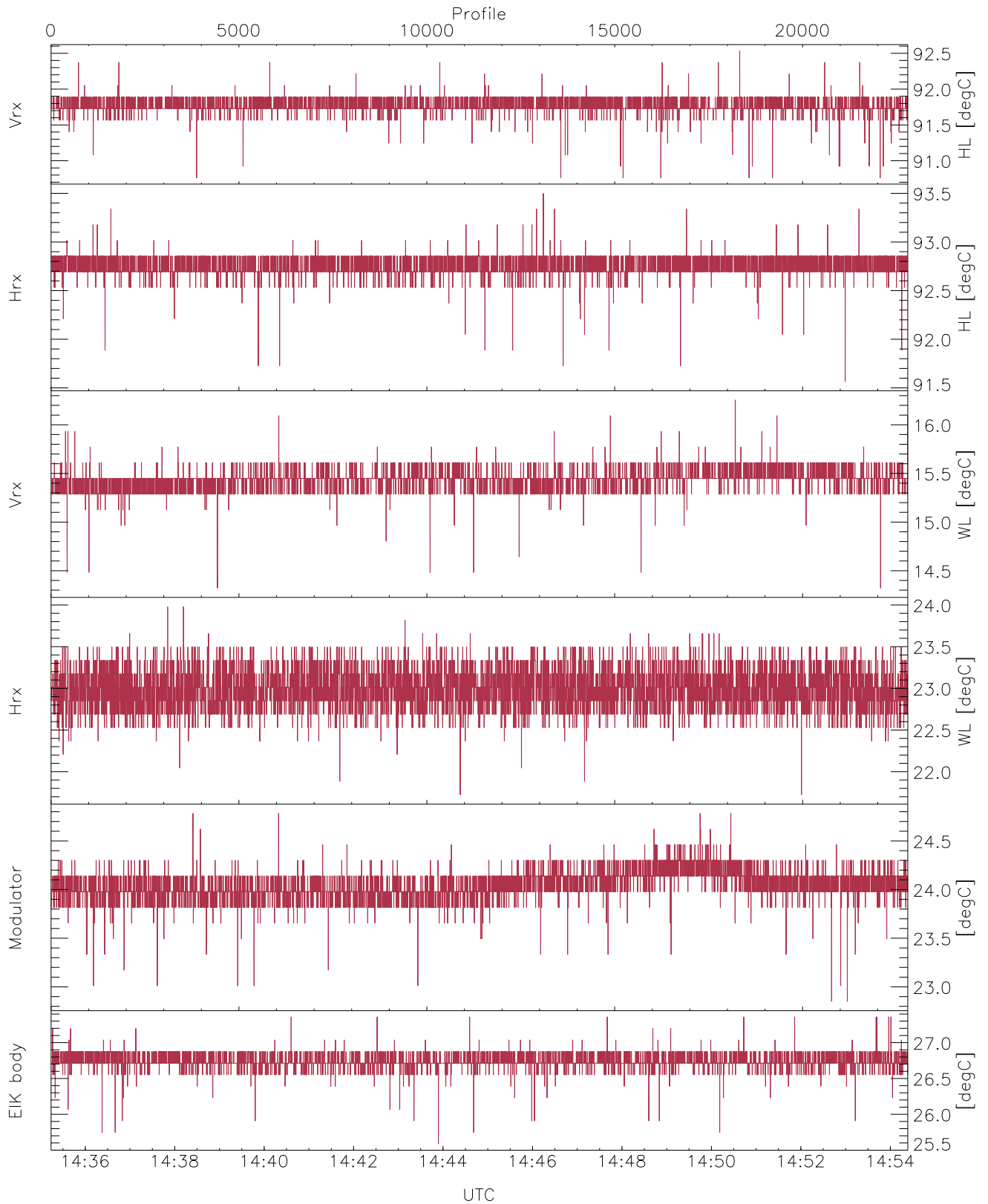


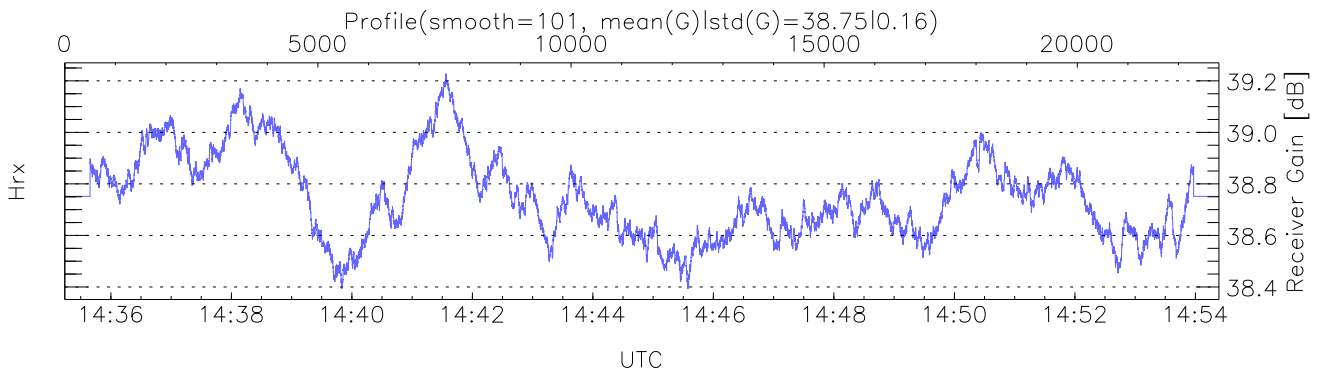
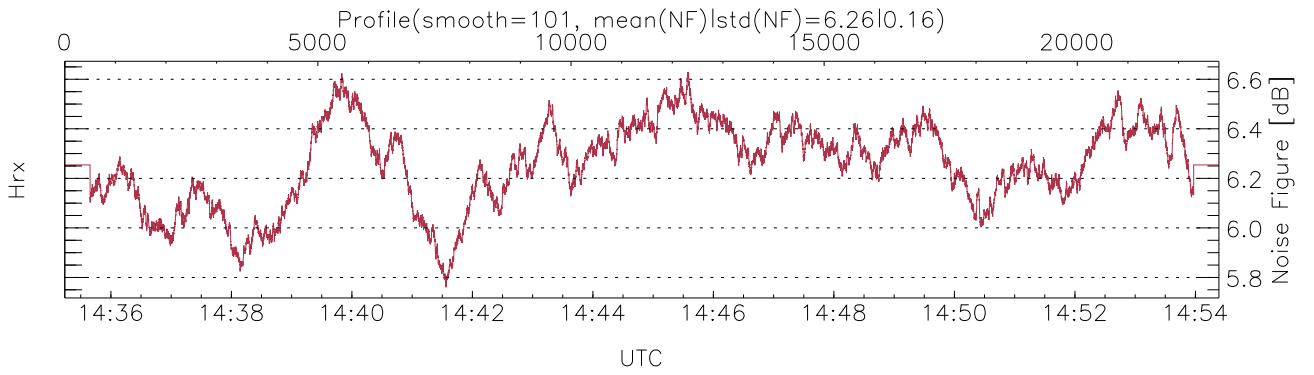
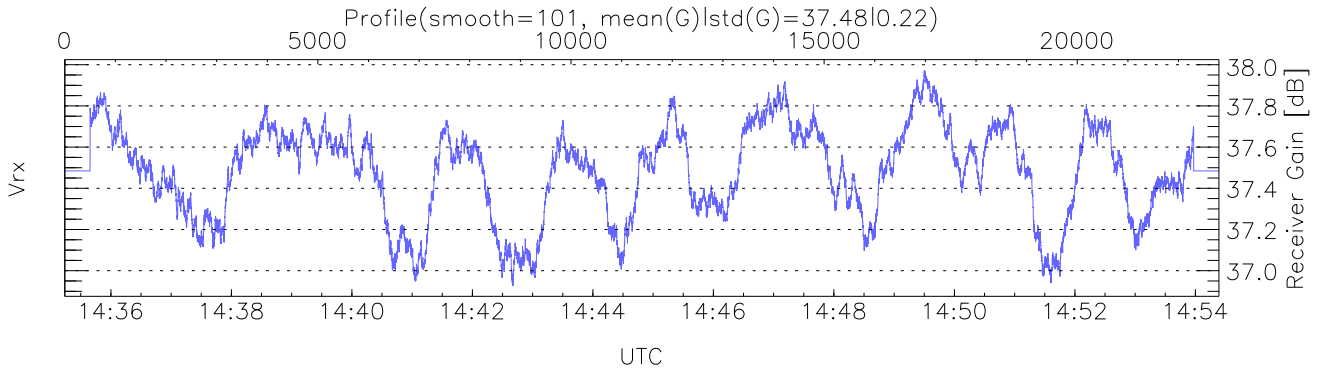
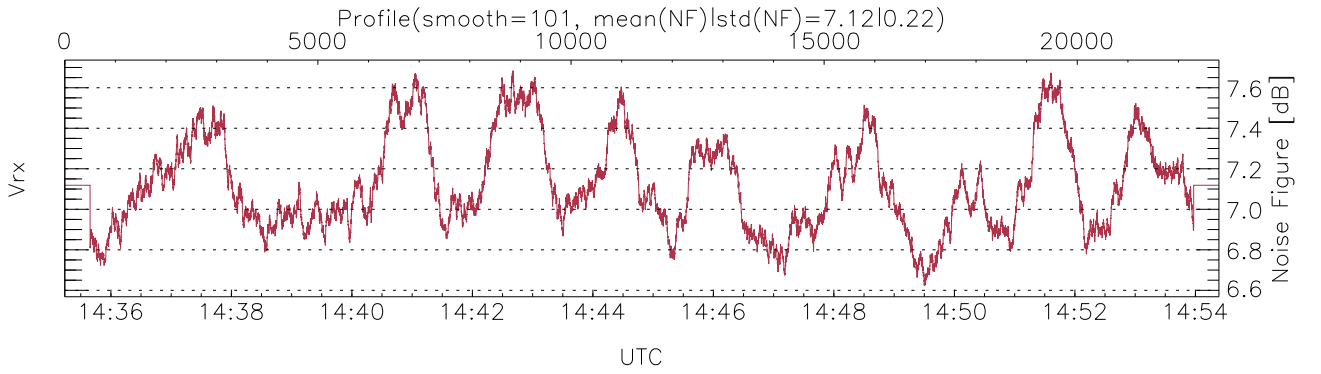
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:35:14-15:17:13, Dur: 2518.66s
 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): 22800/49962, 0-22799/14:35:14-14:54:23
 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



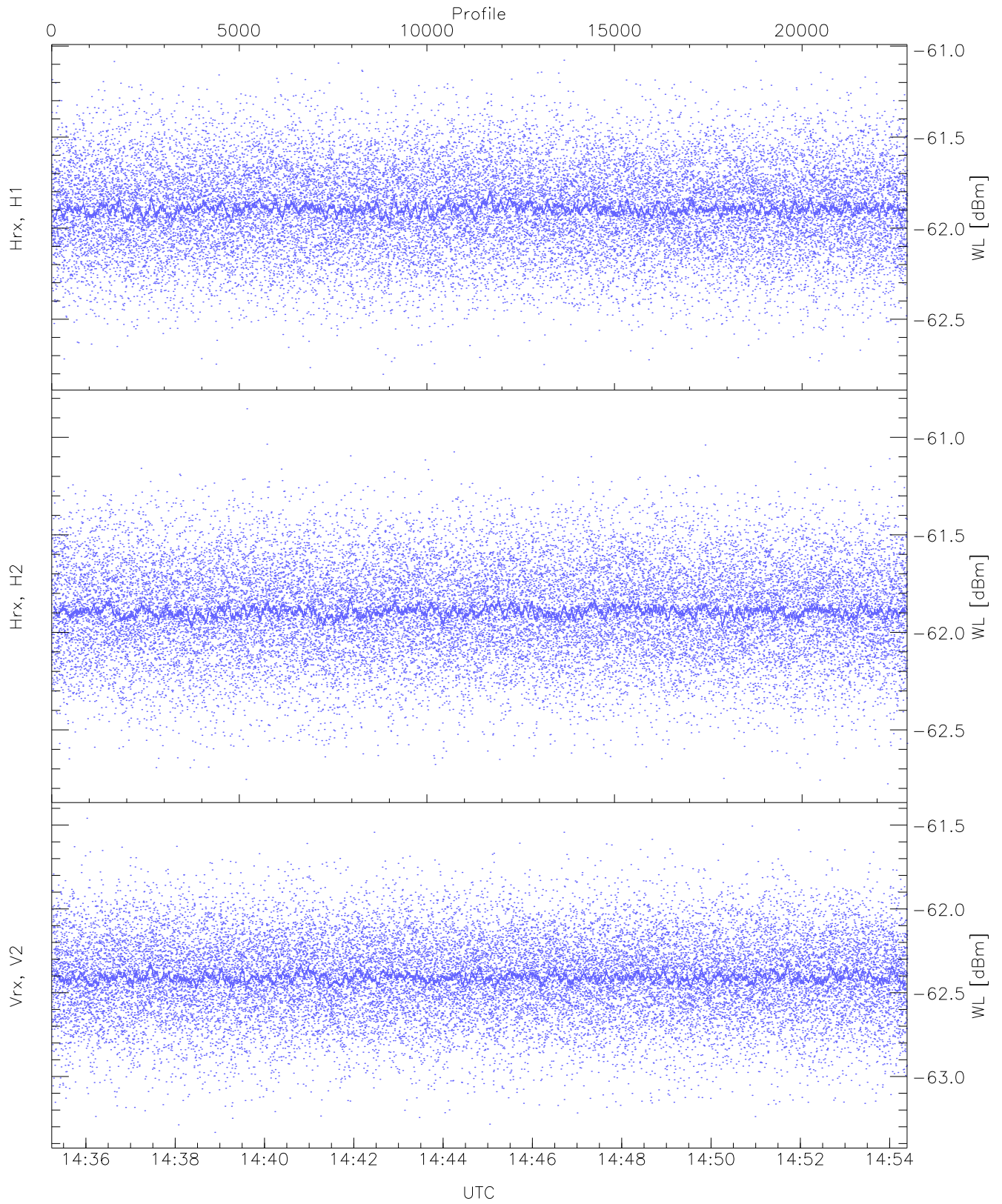
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,22,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,24,27`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty (11,11,11,11,11)`



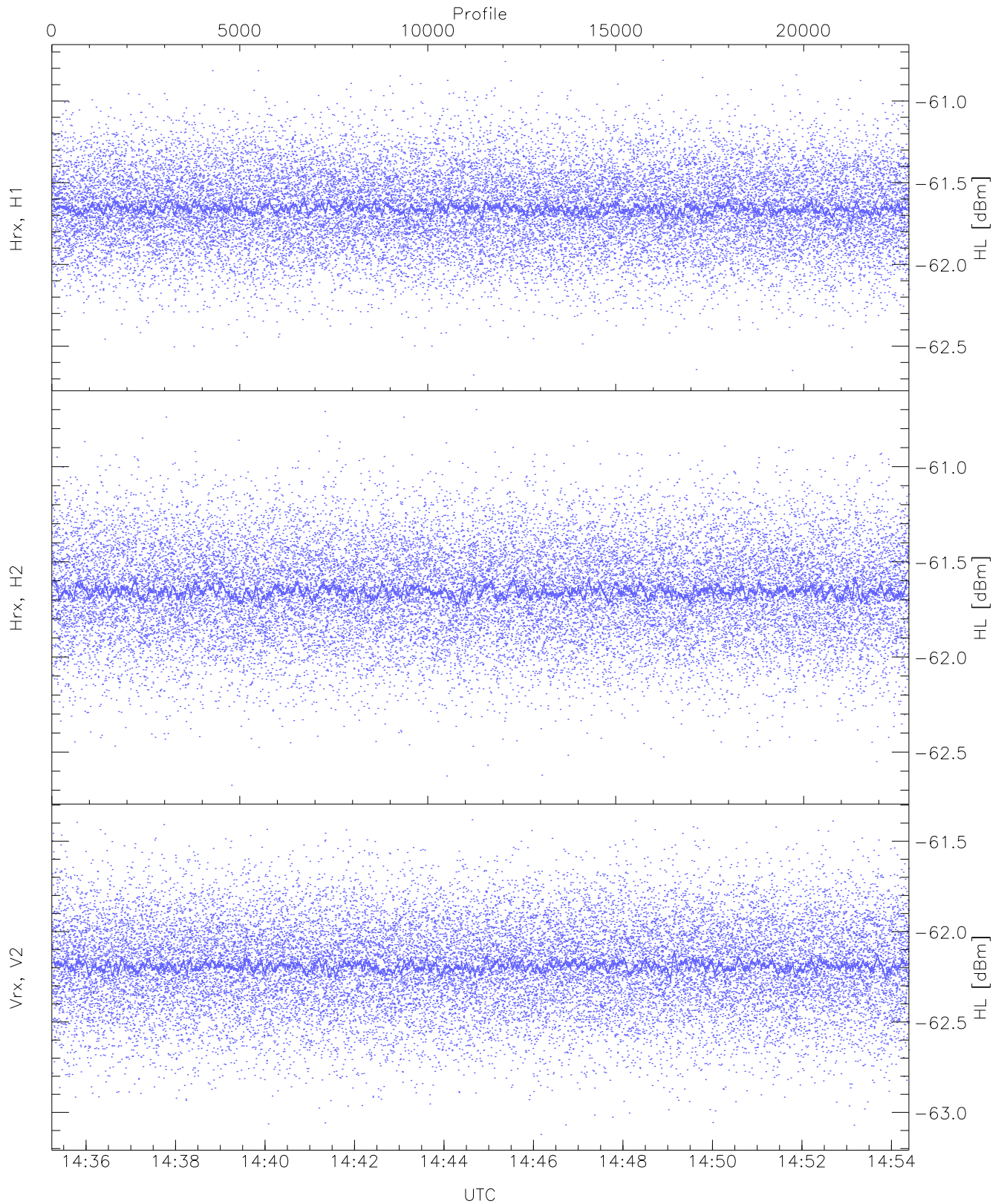
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7845 pixs, 57 gates, 7625 profs, 2 prods



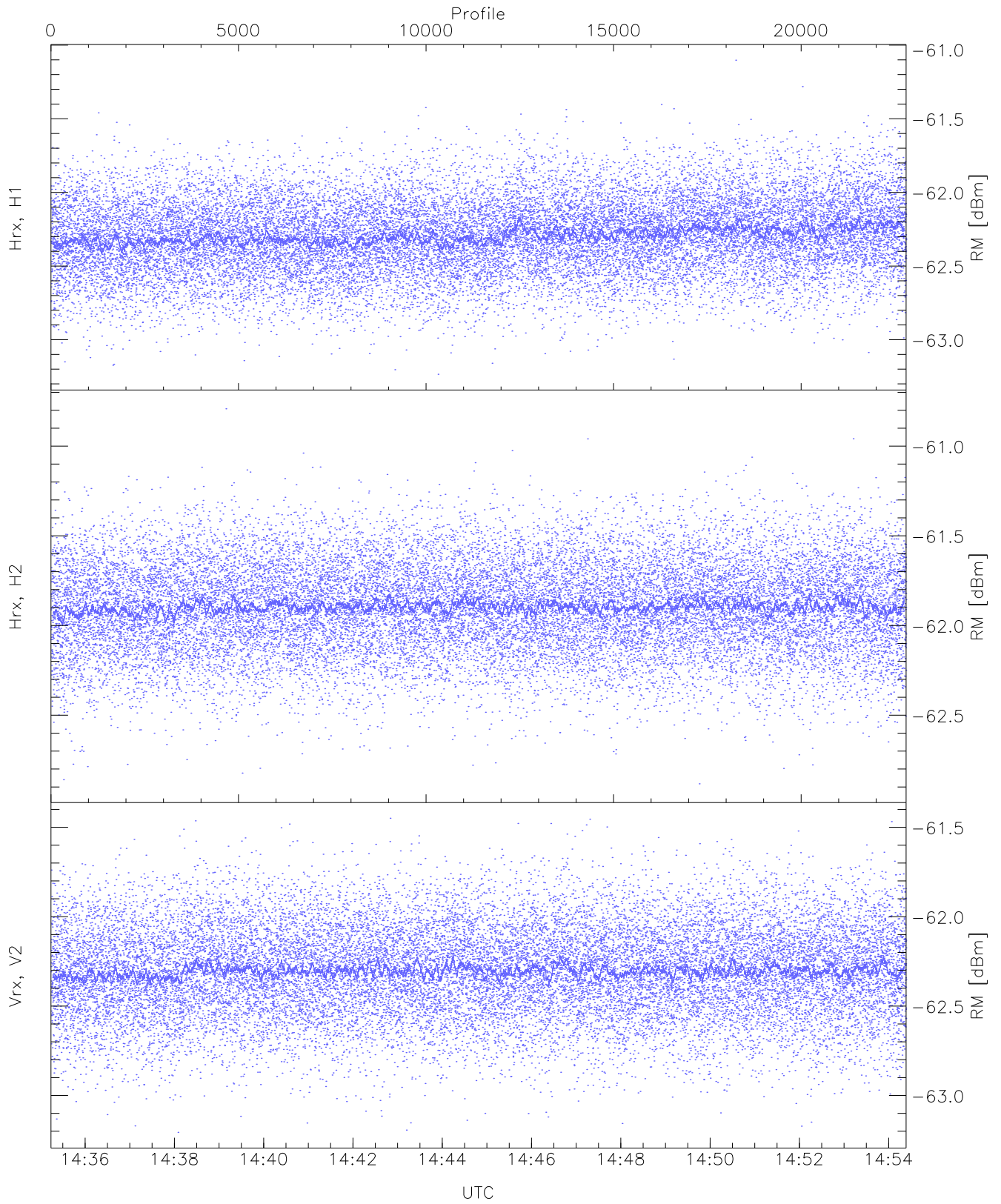
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.80	-61.08	-61.89	-61.89	-74.48
Hrx, H2 (WL [dBm])	-62.78	-60.85	-61.89	-61.90	-74.48
Vrx, V2 (WL [dBm])	-63.33	-61.46	-62.40	-62.41	-74.93



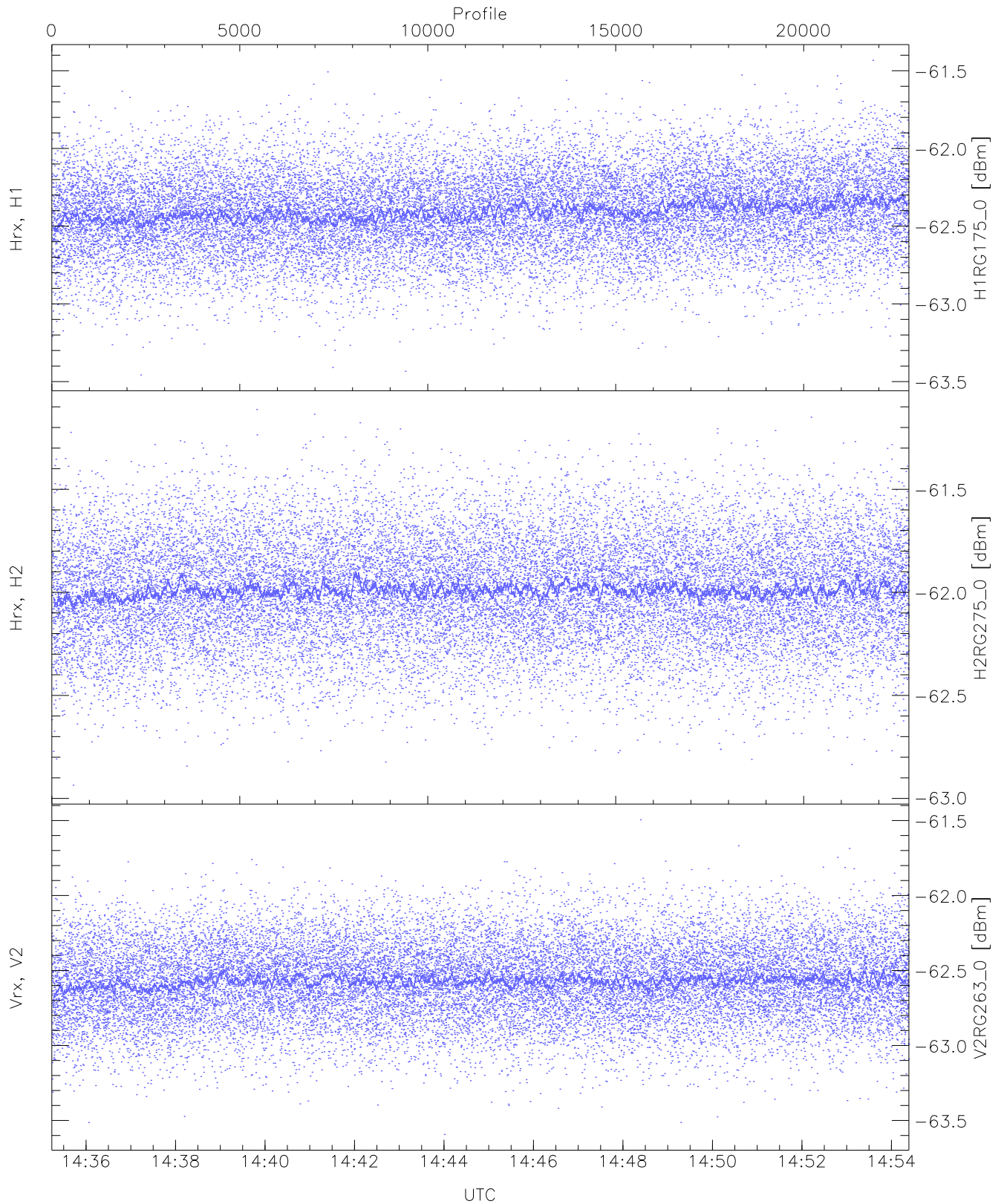
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.68	-60.75	-61.65	-61.66	-74.27
Hrx, H2 (HL [dBm])	-62.67	-60.70	-61.65	-61.66	-74.20
Vrx, V2 (HL [dBm])	-63.12	-61.38	-62.19	-62.19	-74.74



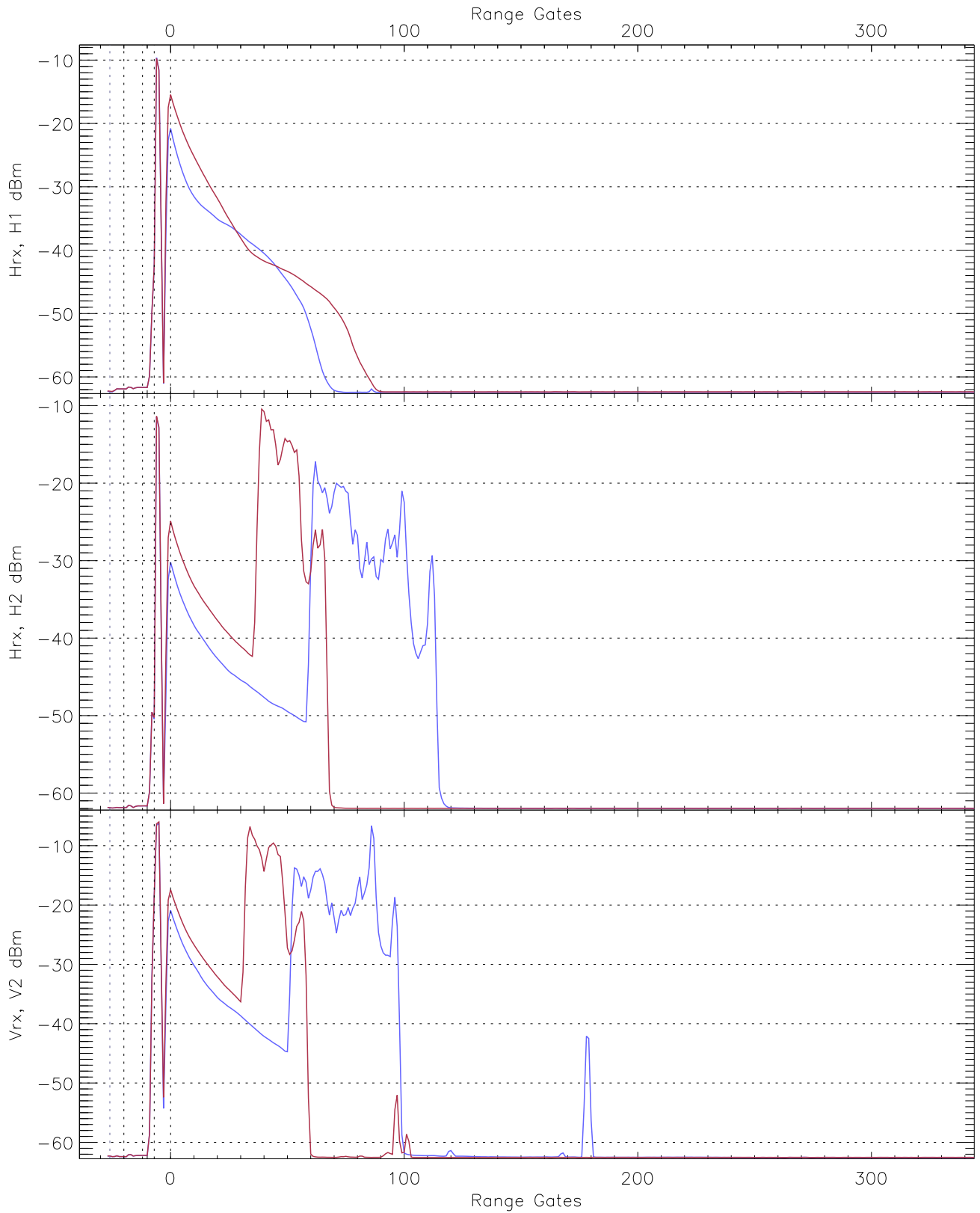
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.24	-61.10	-62.29	-62.30	-74.82
Hrx, H2 (RM [dBm])	-62.88	-60.79	-61.89	-61.90	-74.45
Vrx, V2 (RM [dBm])	-63.21	-61.45	-62.30	-62.31	-74.84

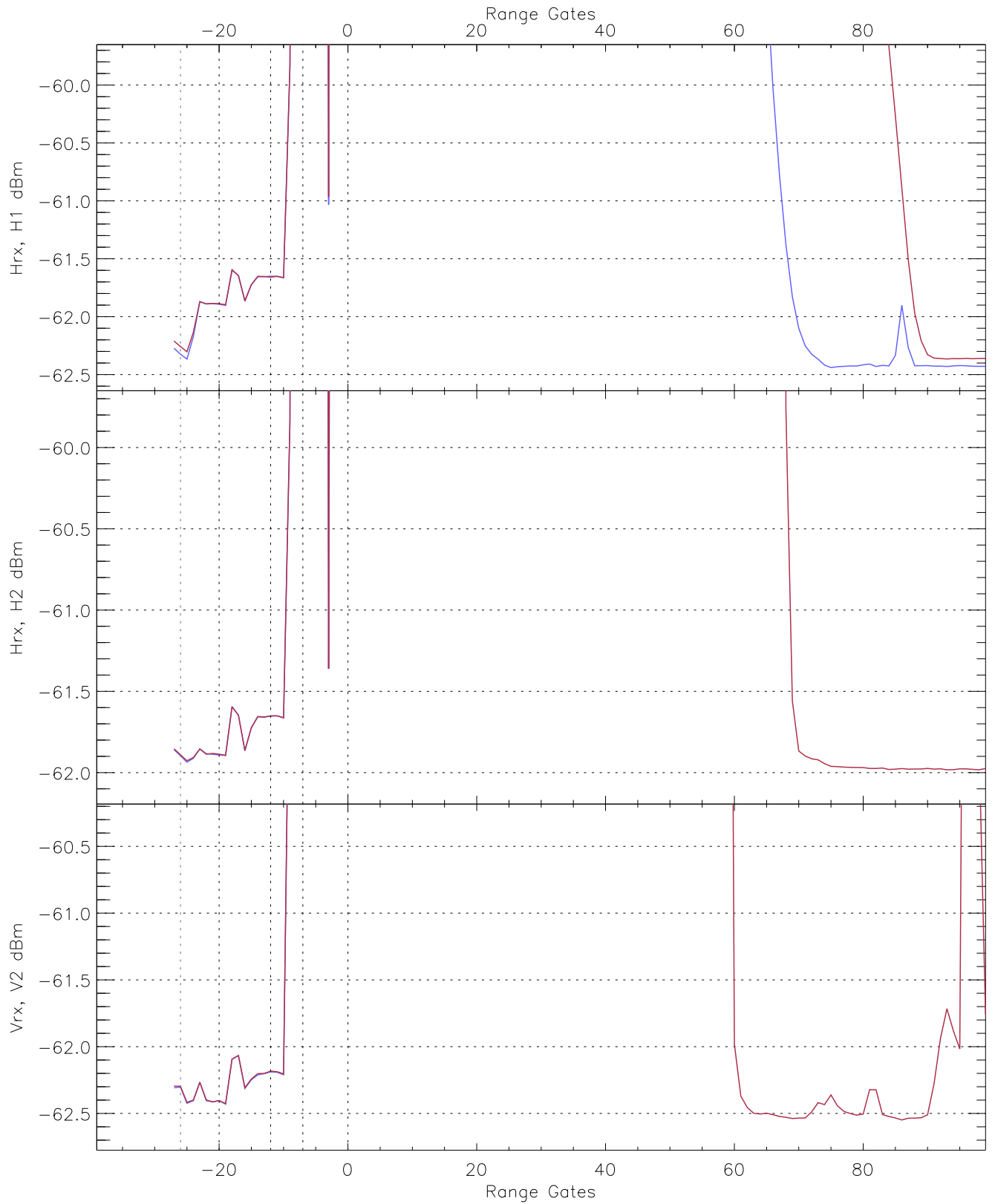


WCR2 CPP "Best" estimate Receivers Noise Power

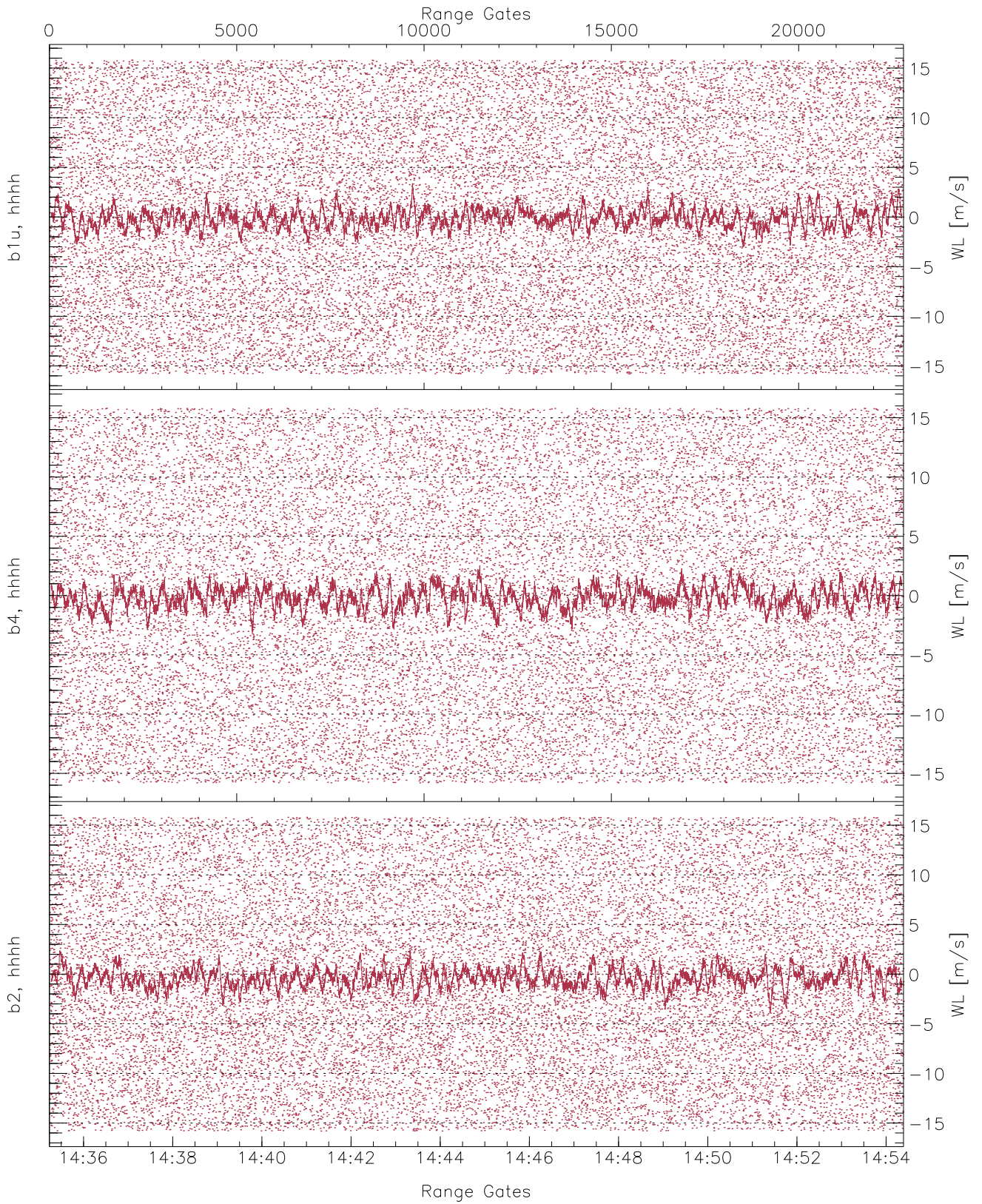
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.46	-61.43	-62.41	-62.41	-74.90
H2RG275_0 [dBm]	-62.94	-61.11	-61.99	-61.99	-74.57
V2RG263_0 [dBm]	-63.59	-61.49	-62.57	-62.57	-75.11



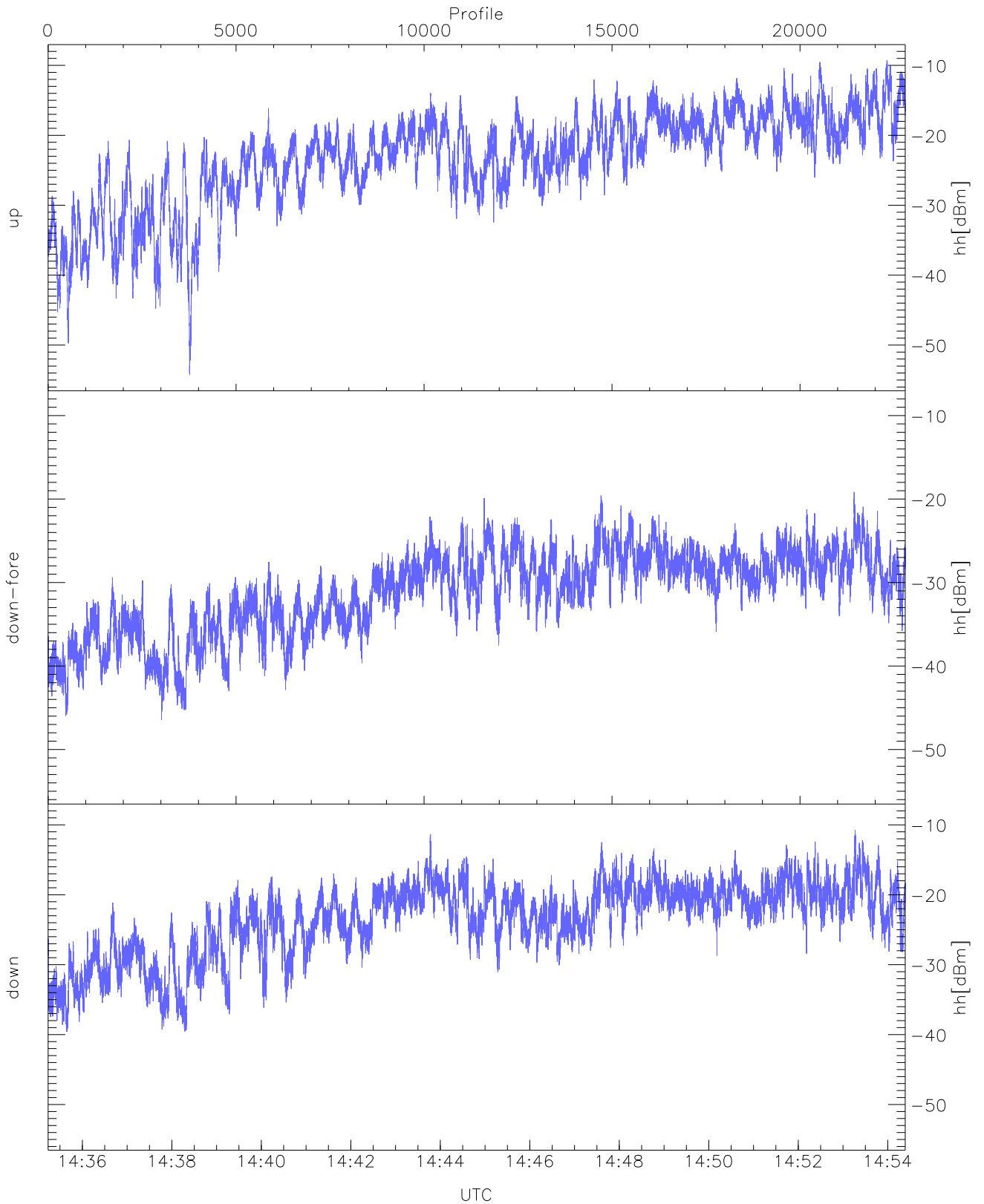
WCR2 CPP Averaged Received power for all recorded gates
blue: 143514-144449, 11401 profiles averaged
red: 144449-145423, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 143514-144449, 11401 profiles averaged
red: 144449-145423, 11400 profiles averaged

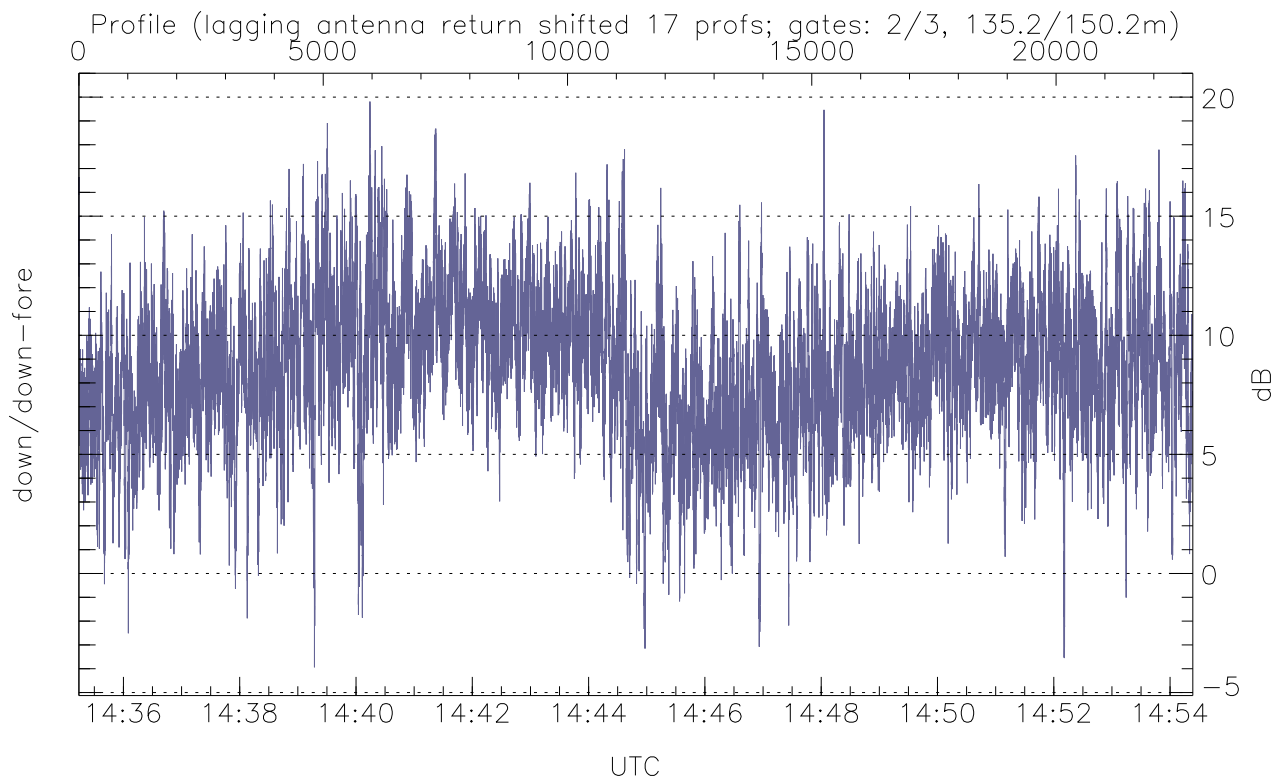
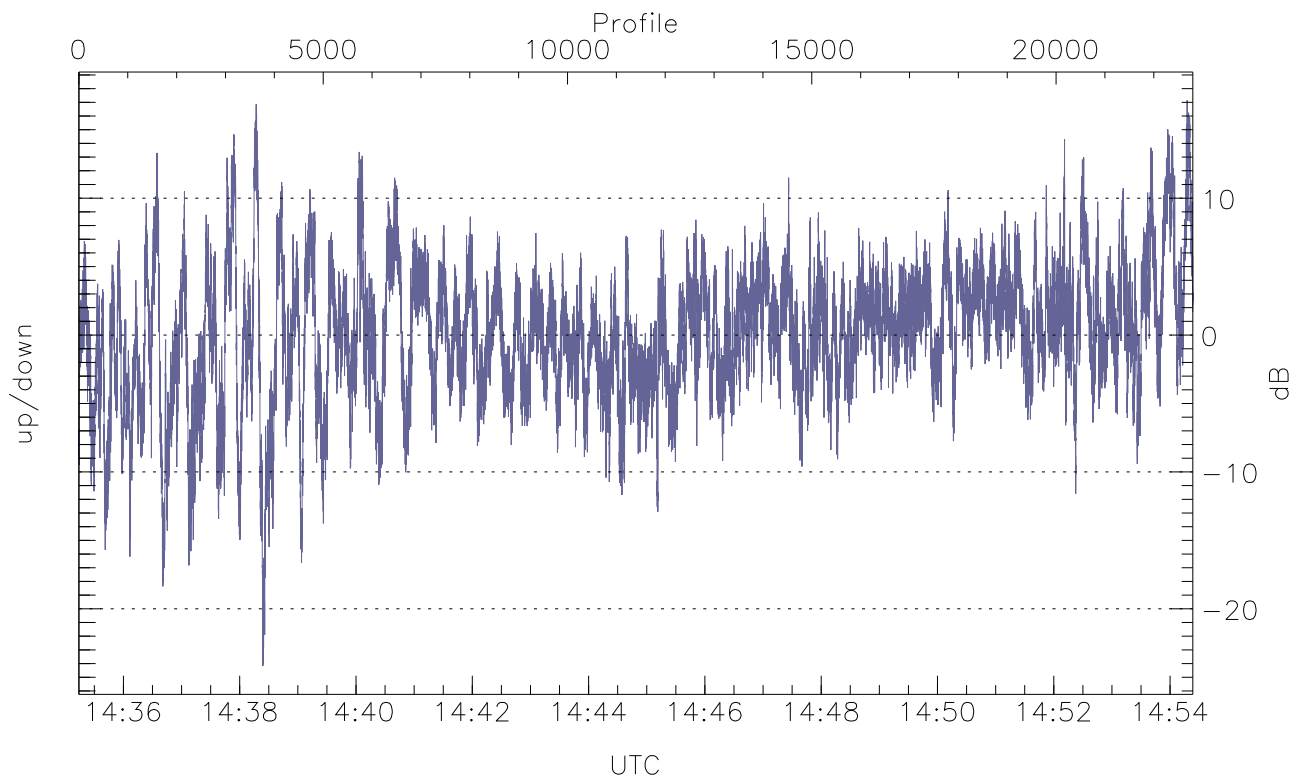


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



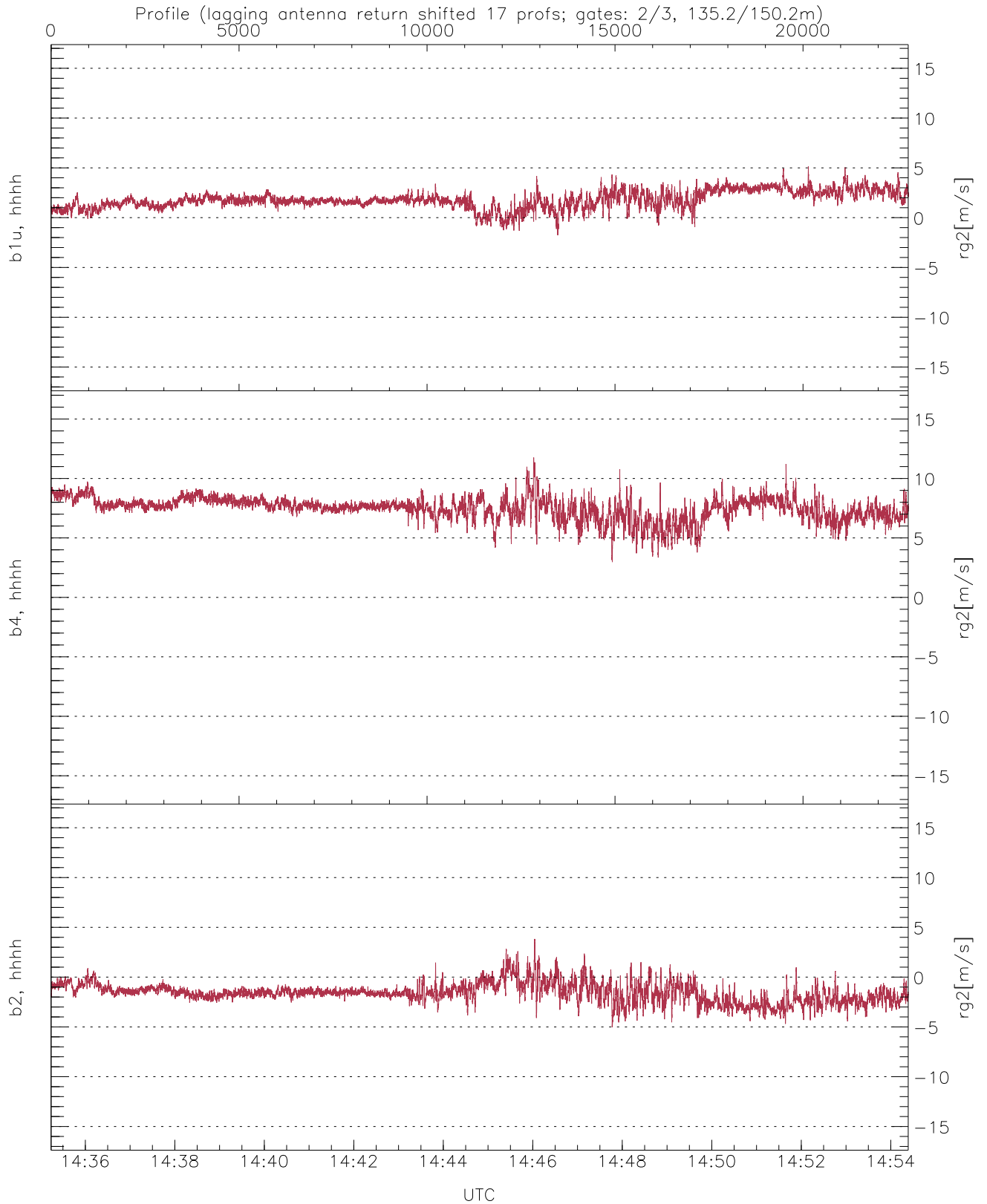
WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

	Min	Max	Mean
up(hh[dBm])	-54.28	-9.28	-19.93
down-fore(hh[dBm])	-46.43	-19.16	-28.98
down(hh[dBm])	-39.60	-10.75	-21.19



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

	Min	Max	Mean
up/down (dB)	-24.18	17.15	0.10
down/down-fore (dB)	-3.94	19.82	8.66



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-1.76	5.17	1.79	0.87
b4, hhhh(rg2[m/s])	2.97	11.75	7.47	0.95
b2, hhhh(rg2[m/s])	-5.02	3.83	-1.58	0.97