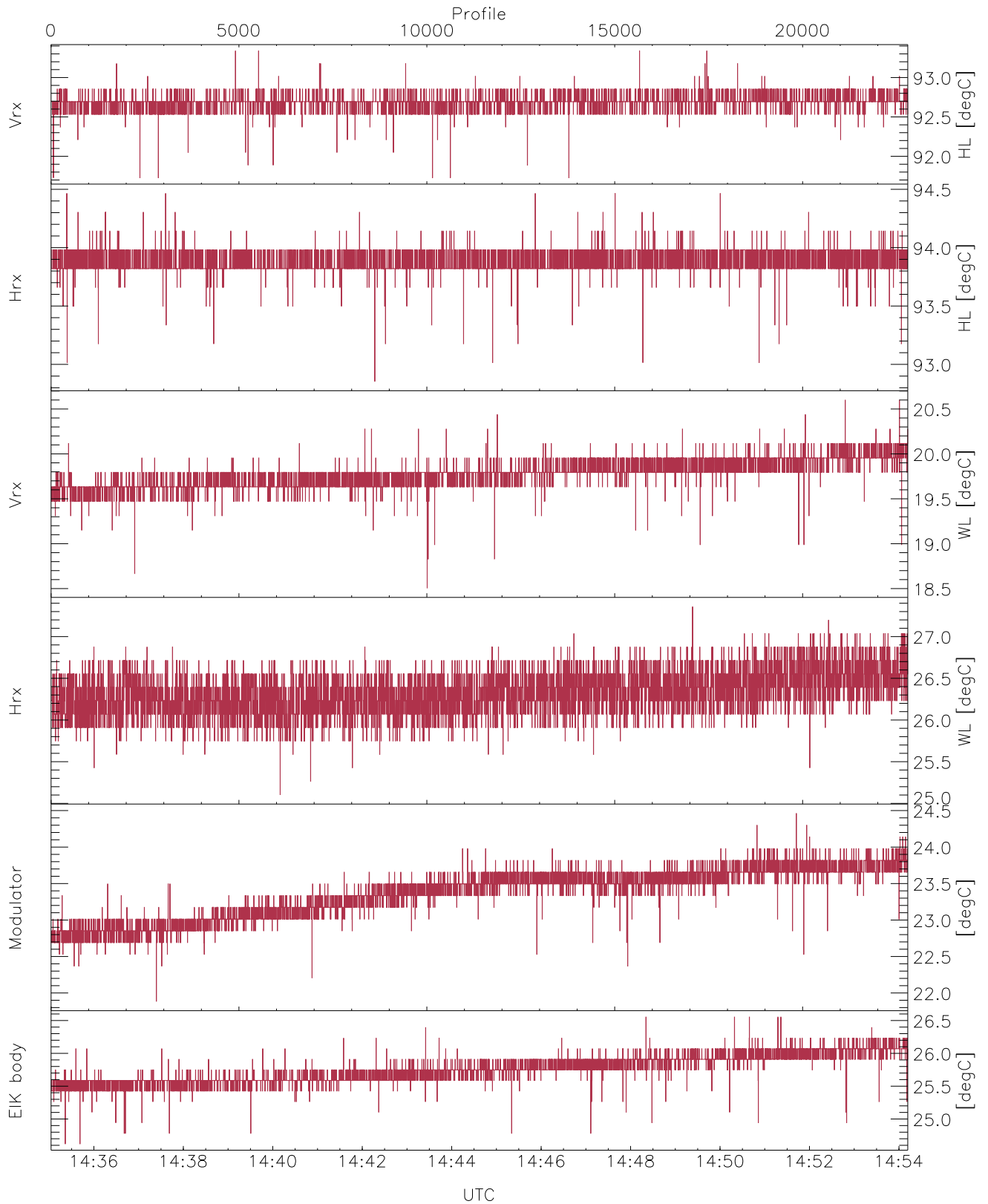


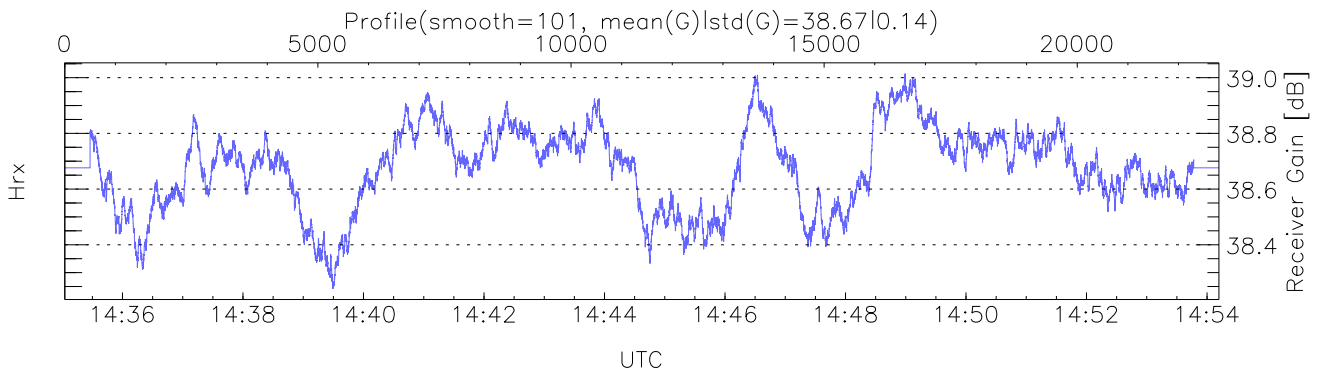
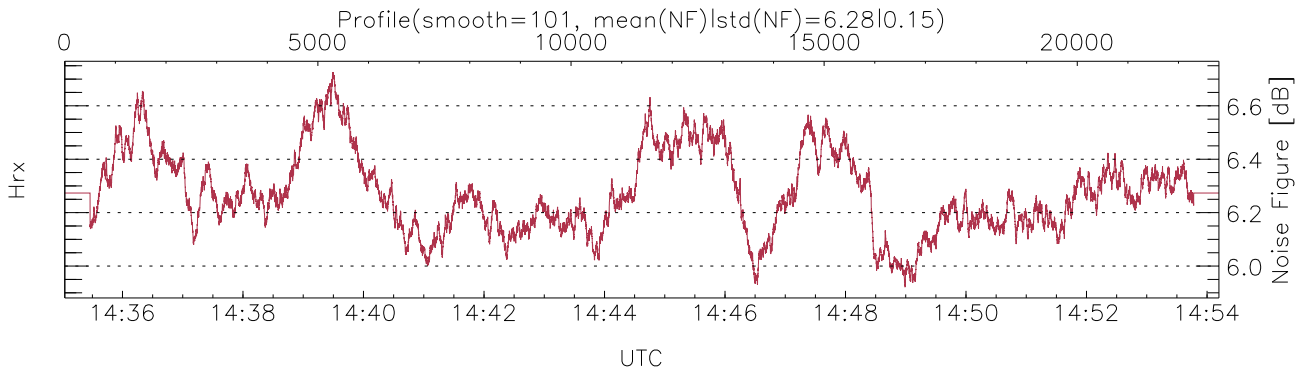
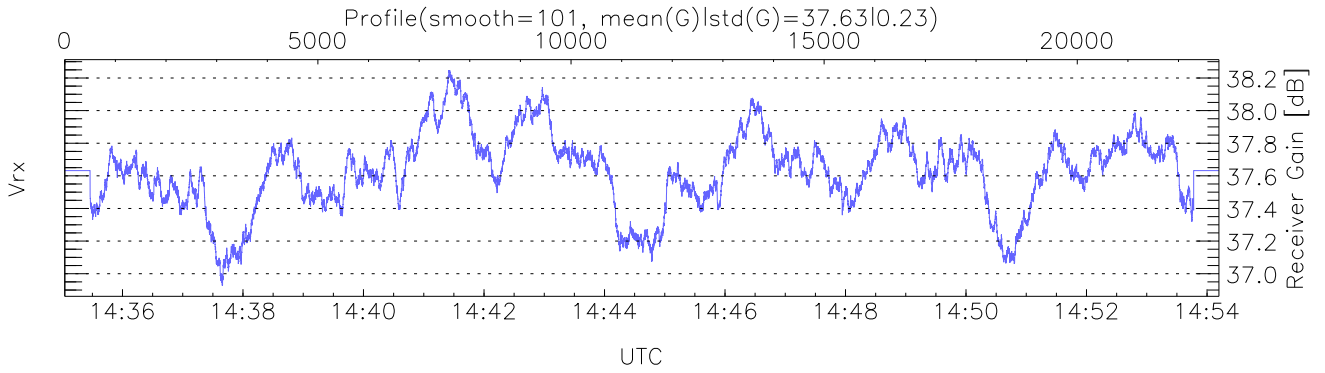
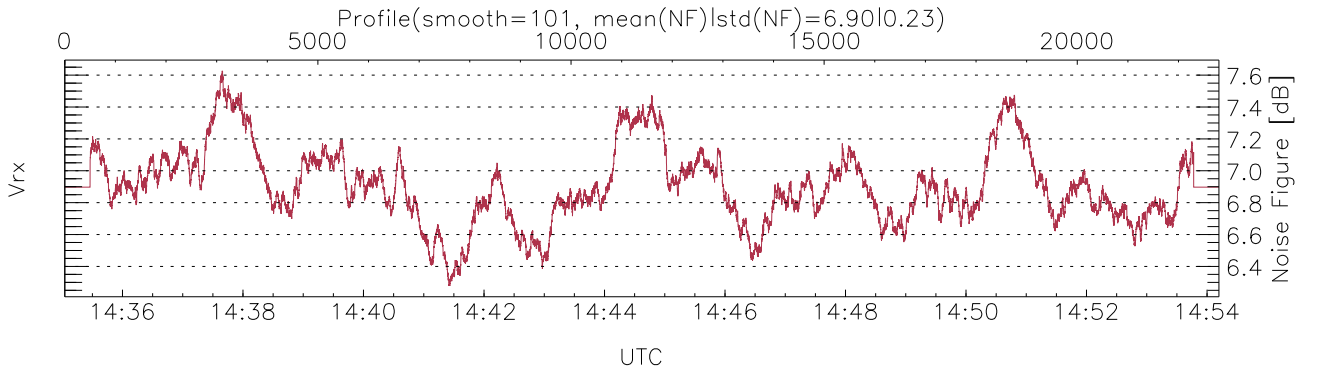
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:35:03-15:00:36, Dur: 1533.85s
 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): 22800/30427, 0-22799/14:35:03-14:54:12
 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



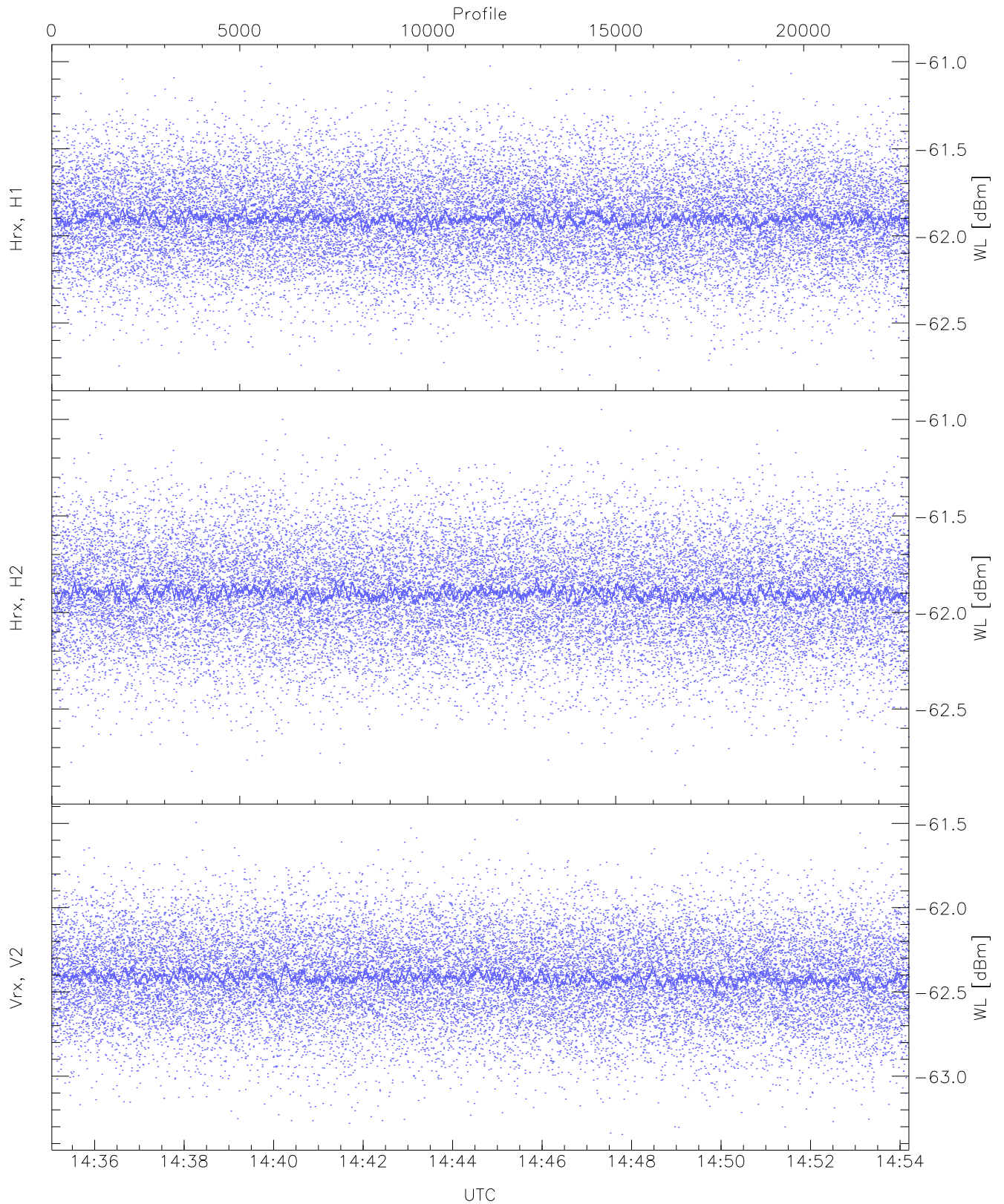
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,25,21,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,24,26`
`LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,20,20,20,15)`



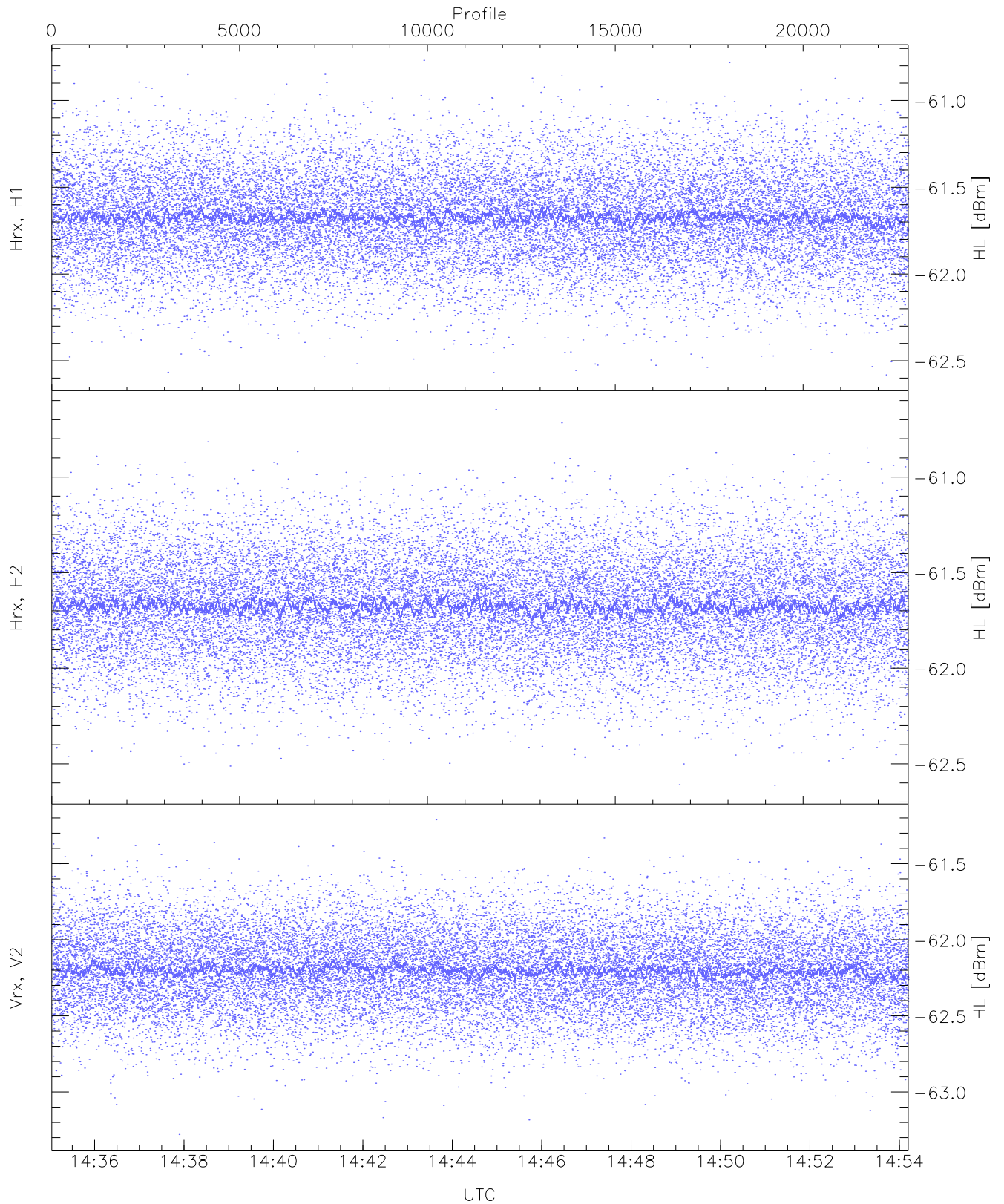
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5781 pixs, 24 gates, 5713 profs, 1 prods



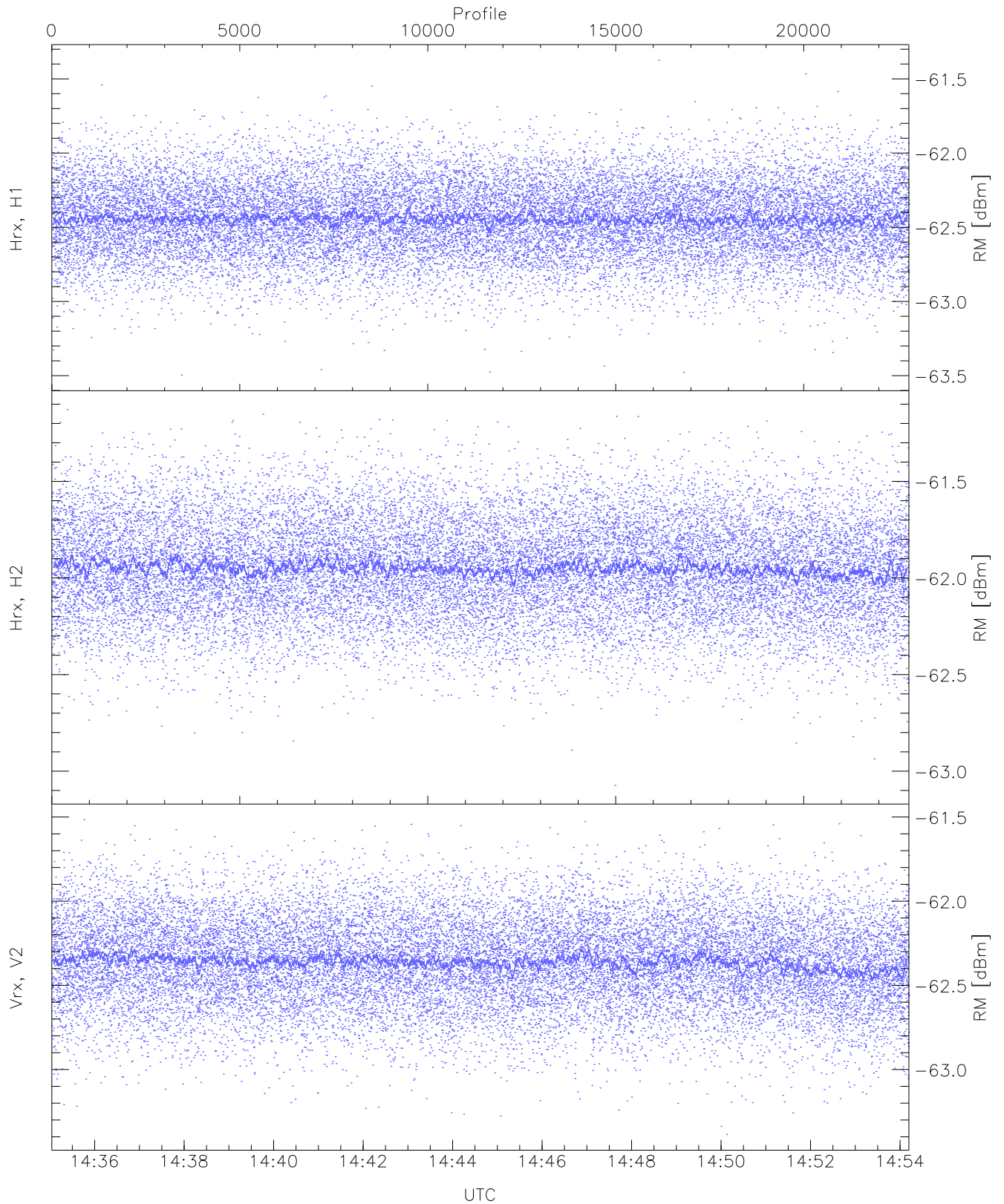
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.80	-60.99	-61.90	-61.90	-74.49
Hrx, H2(WL [dBm])	-62.89	-60.95	-61.90	-61.90	-74.46
Vrx, V2(WL [dBm])	-63.35	-61.48	-62.41	-62.42	-74.95



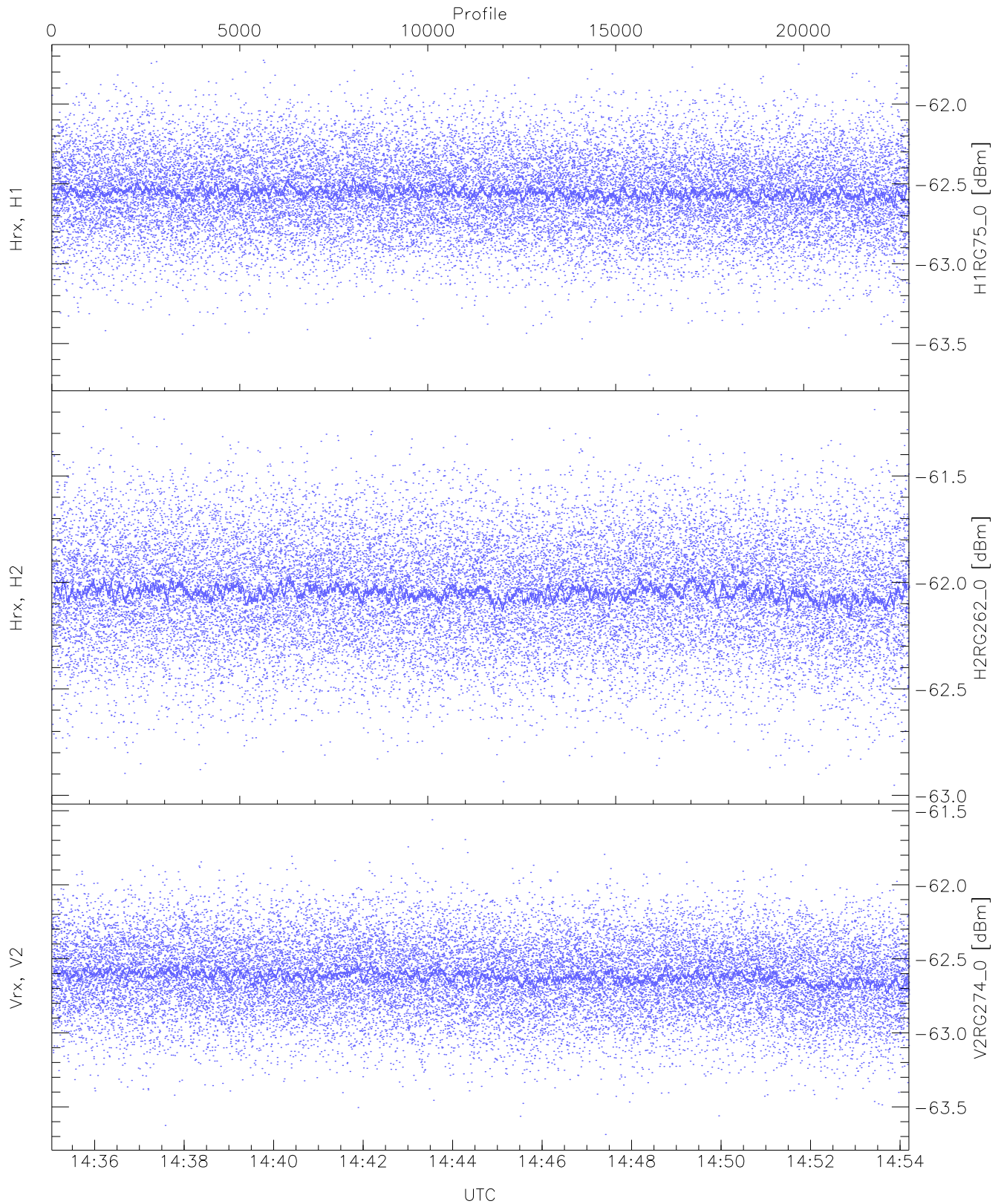
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.58	-60.77	-61.67	-61.68	-74.25
Hrx, H2 (HL [dBm])	-62.61	-60.65	-61.67	-61.67	-74.23
Vrx, V2 (HL [dBm])	-63.28	-61.21	-62.20	-62.20	-74.77



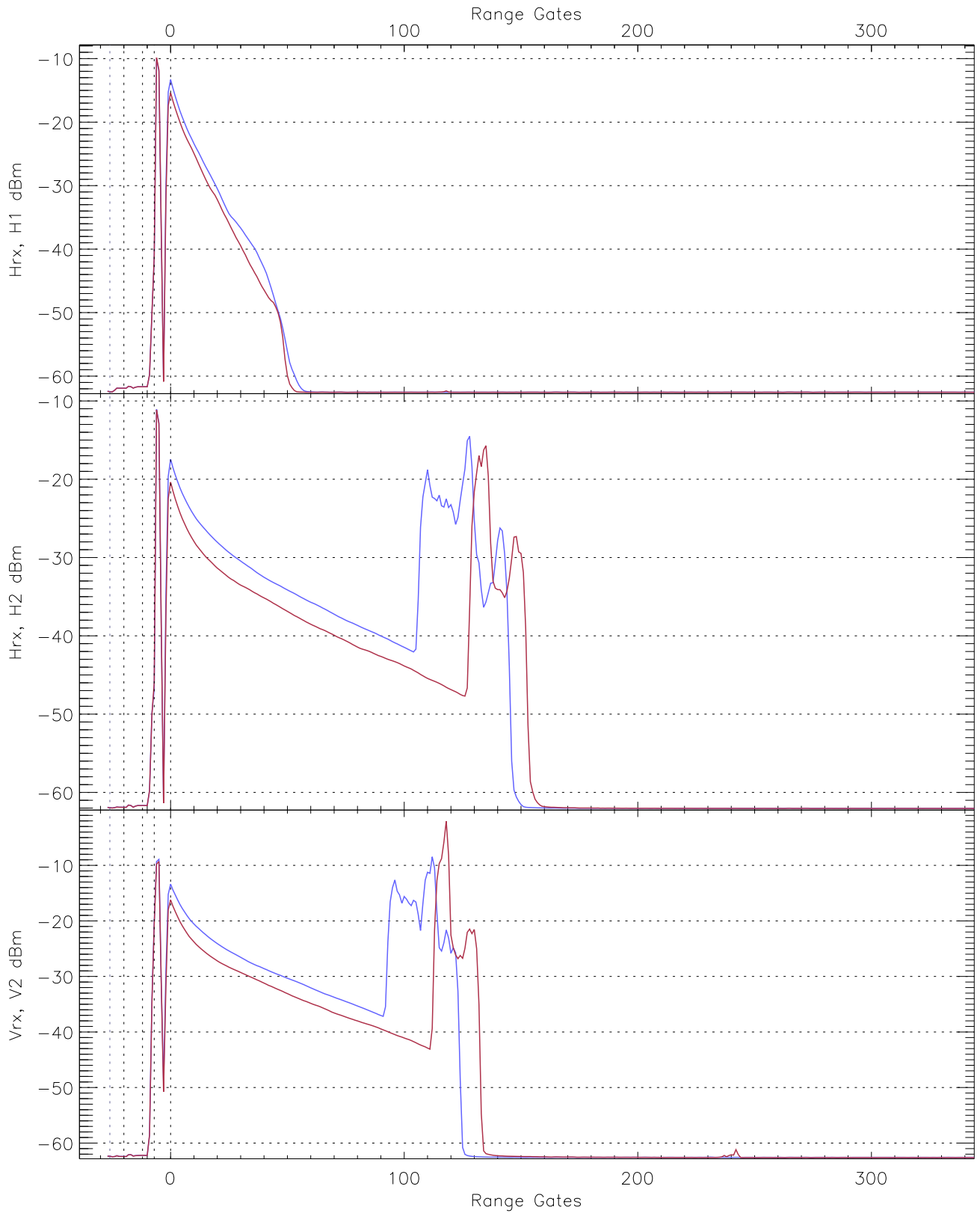
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.50	-61.37	-62.44	-62.45	-75.00
Hrx, H2 (RM [dBm])	-63.07	-61.13	-61.95	-61.95	-74.52
Vrx, V2 (RM [dBm])	-63.39	-61.52	-62.36	-62.36	-74.87

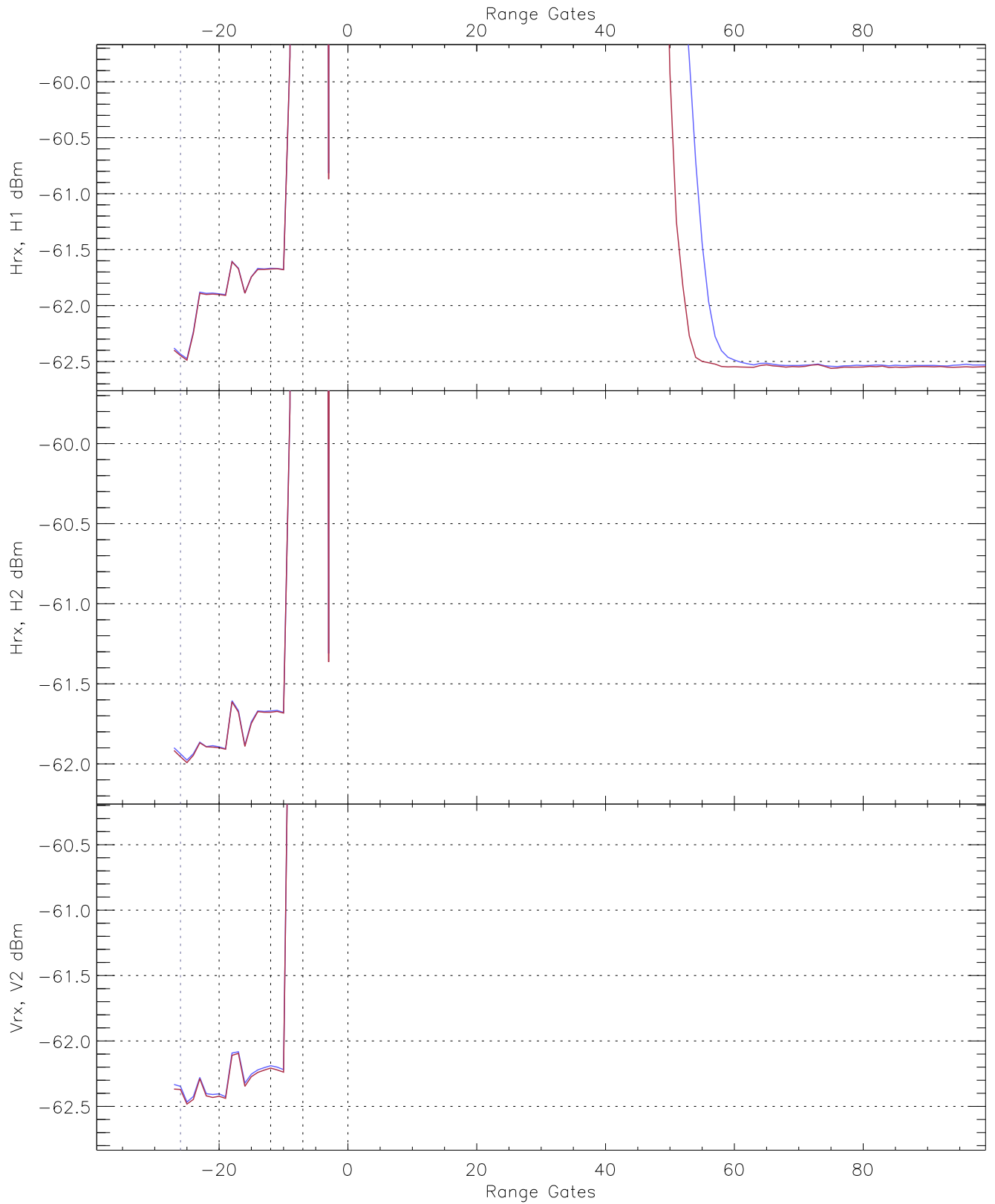


WCR2 CPP "Best" estimate Receivers Noise Power

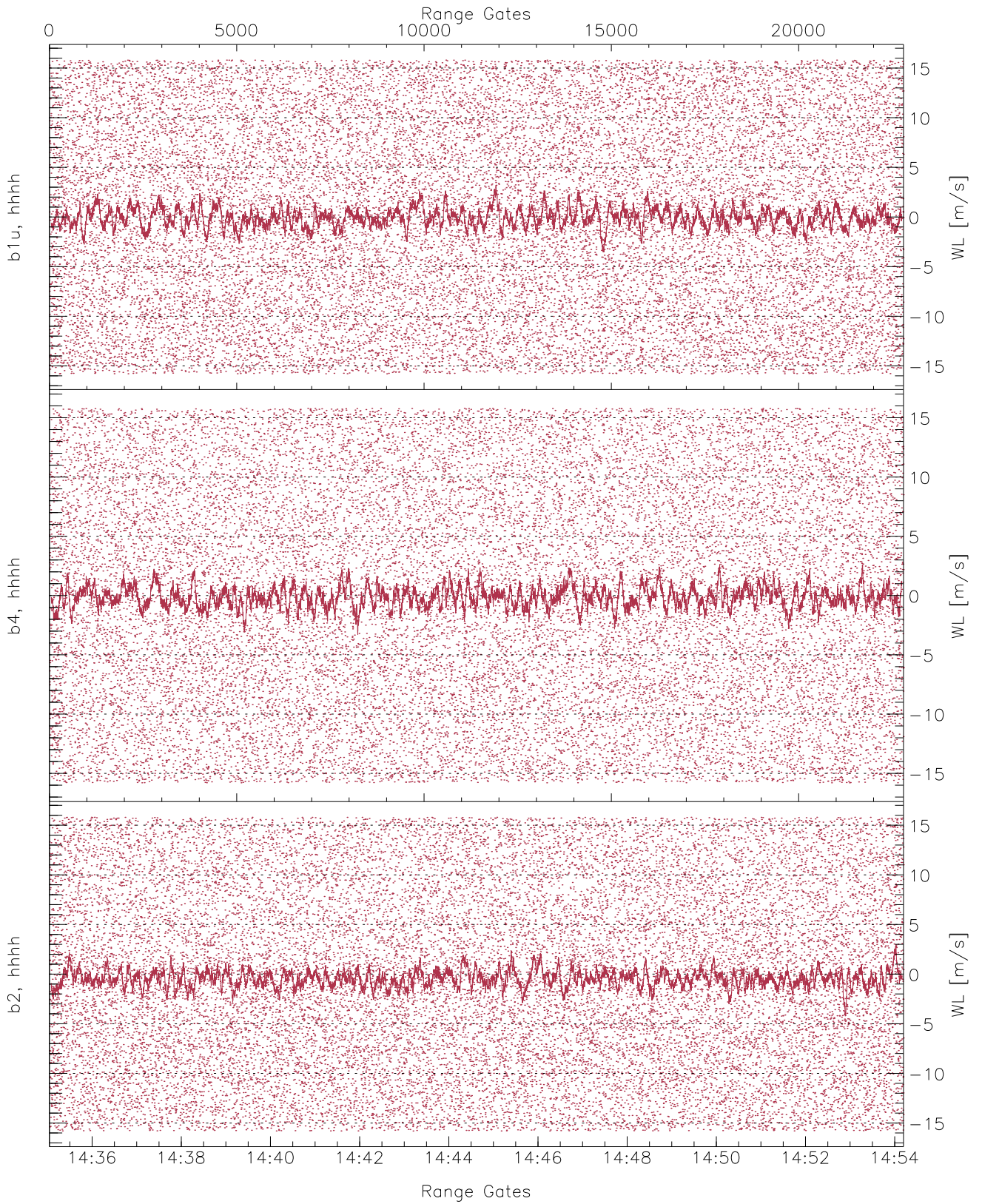
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.70	-61.73	-62.55	-62.56	-75.13
H2RG262_0 [dBm]	-62.95	-61.19	-62.04	-62.05	-74.61
V2RG274_0 [dBm]	-63.69	-61.56	-62.62	-62.62	-75.12



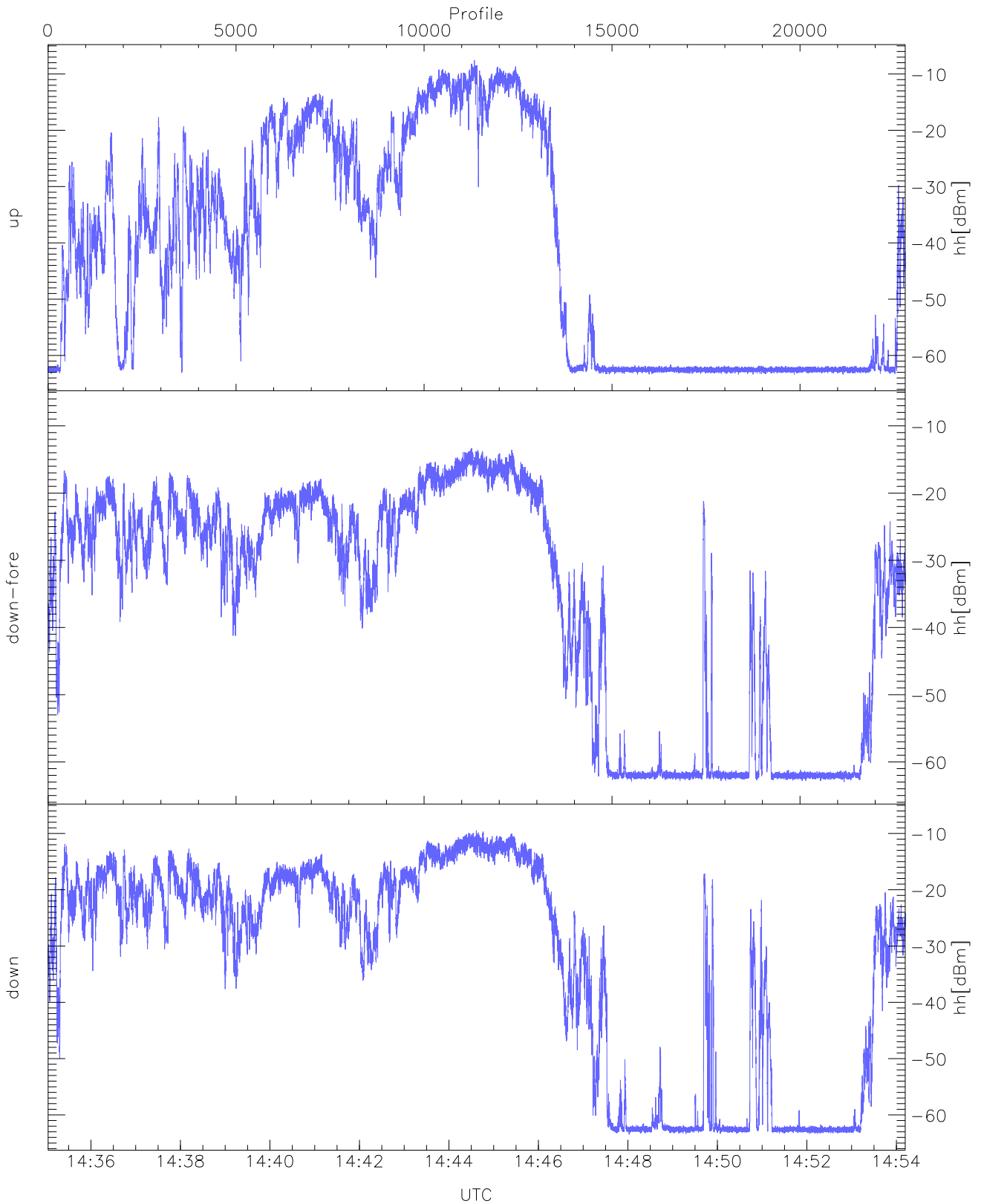
WCR2 CPP Averaged Received power for all recorded gates
blue: 143503-144437, 11401 profiles averaged
red: 144437-145412, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 143503-144437, 11401 profiles averaged
red: 144437-145412, 11400 profiles averaged

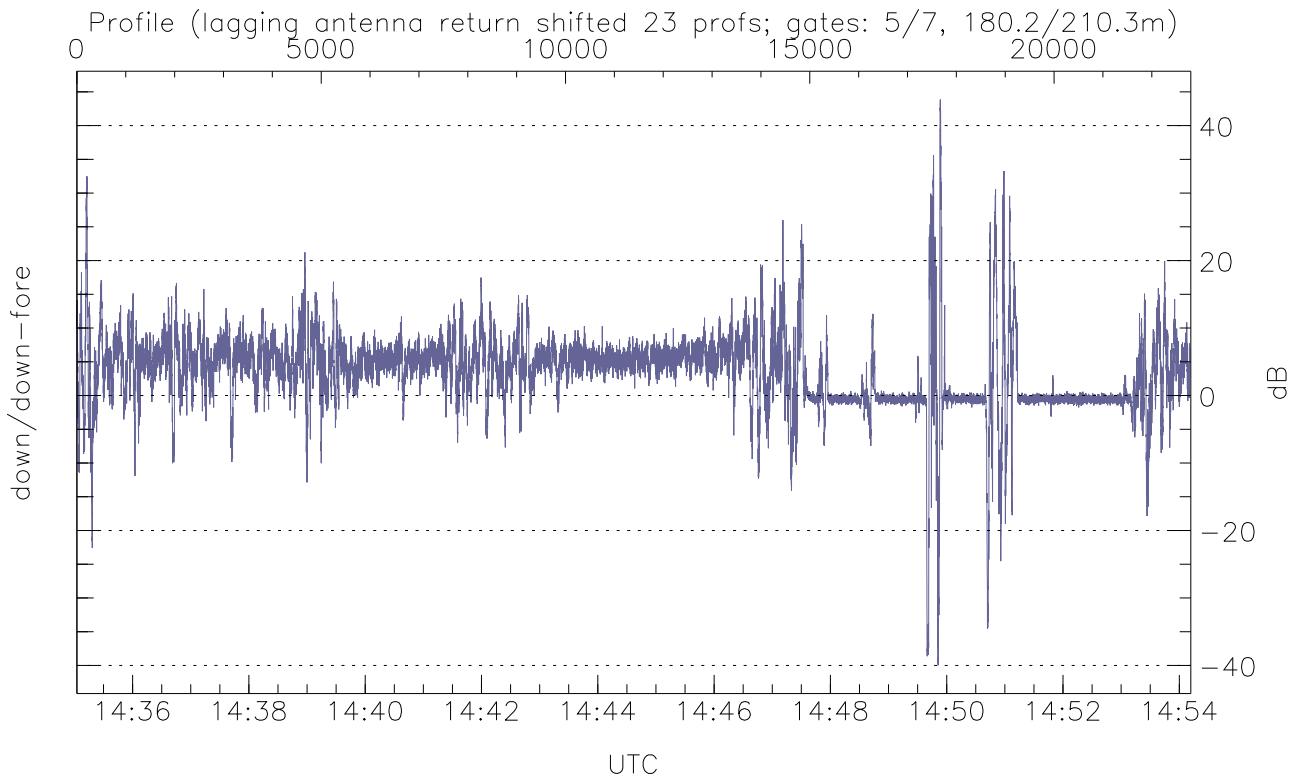
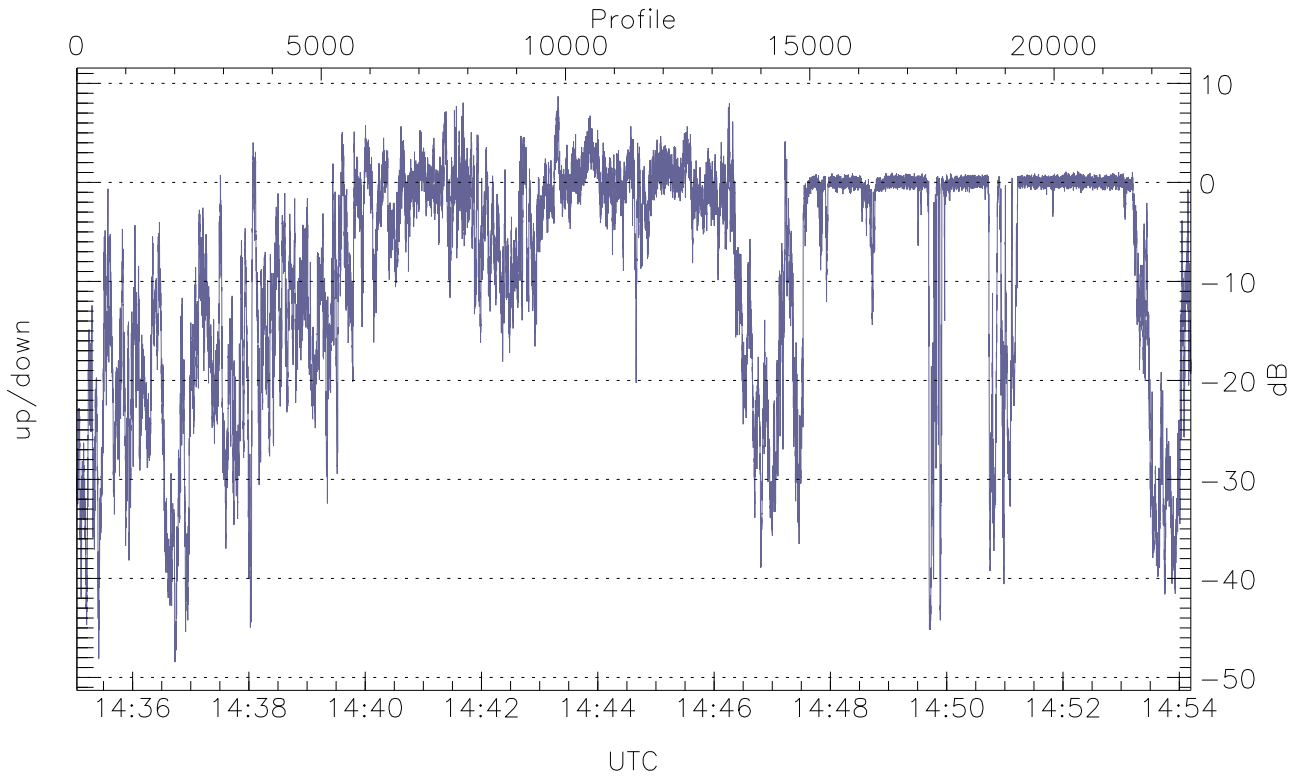


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



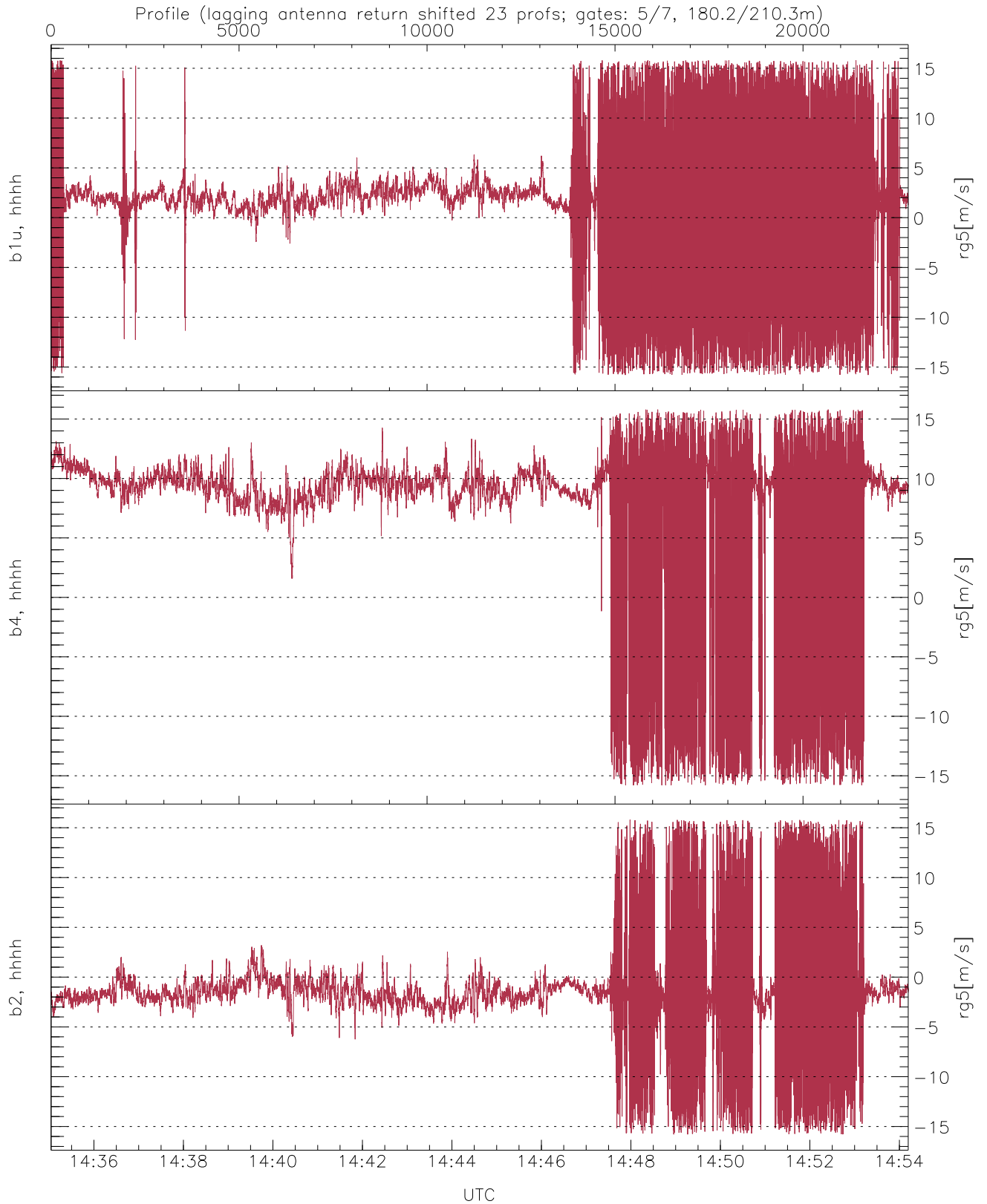
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.44	-7.57	-20.01
down-fore(hh[dBm])	-62.99	-13.32	-23.12
down(hh[dBm])	-63.47	-9.47	-19.03



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

	Min	Max	Mean
up/down (dB)	-48.45	8.70	-8.45
down/down-fore (dB)	-39.97	43.86	3.51



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	1.30	5.56
b4, hhhh(rg5[m/s])	-15.80	15.80	7.19	6.13
b2, hhhh(rg5[m/s])	-15.79	15.80	-1.33	4.23