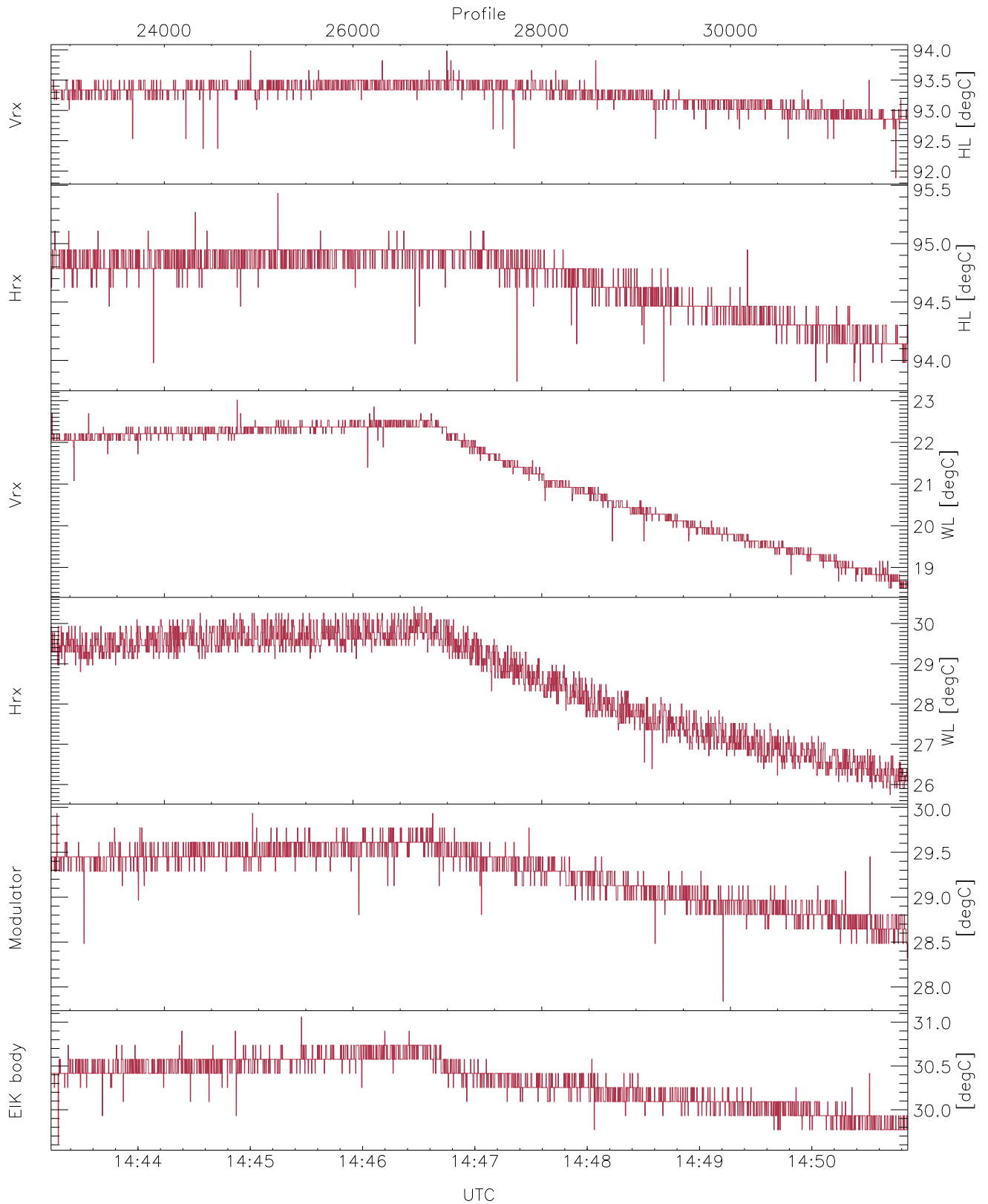


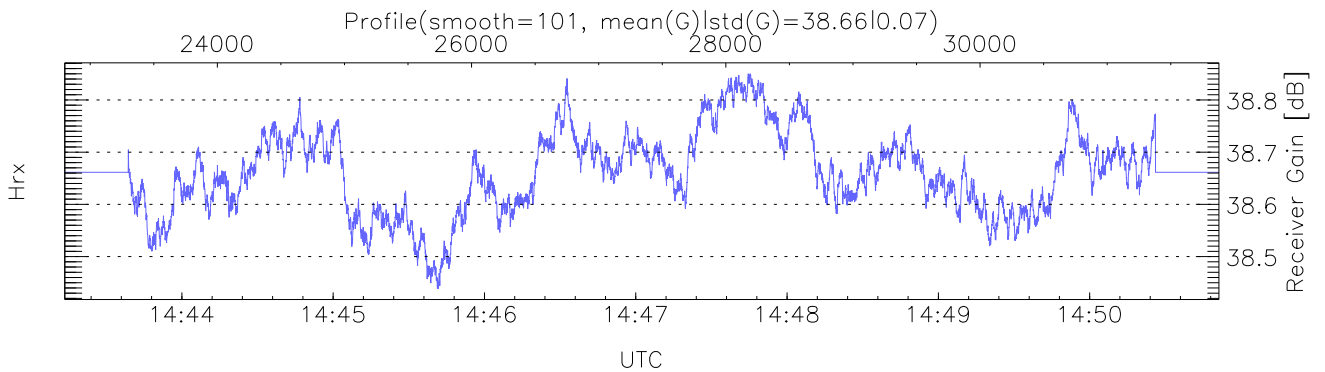
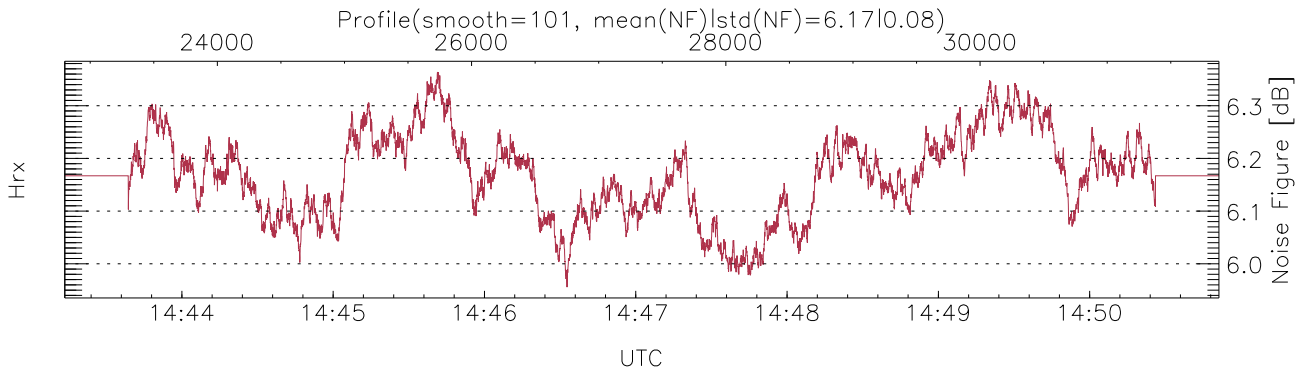
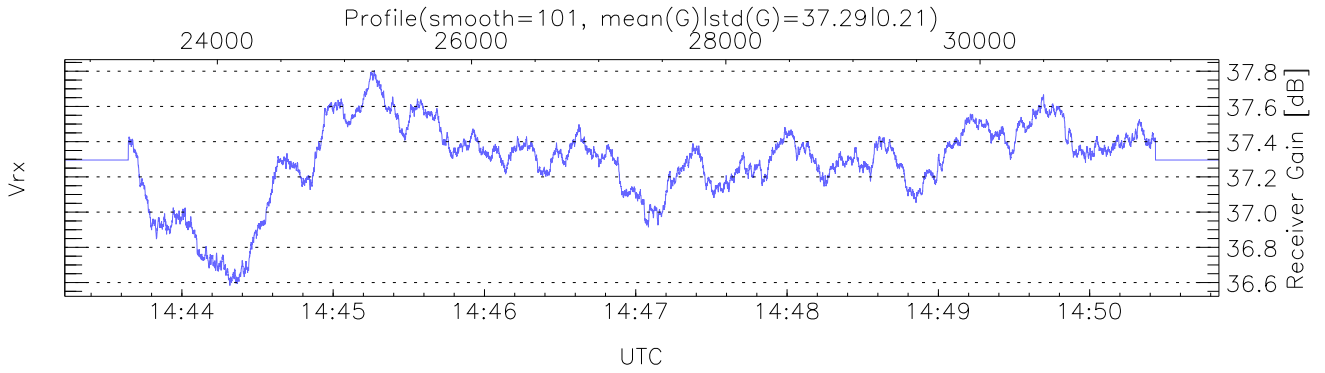
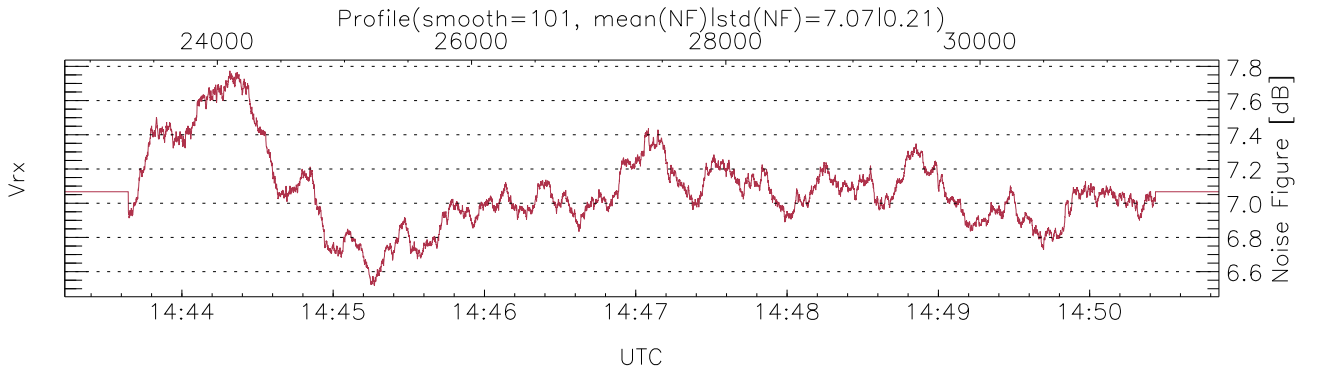
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:24:04-14:50:51, Dur: 1607.10s
 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): 9080/31880, 22800-31879/14:43:14-14:50:51
 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



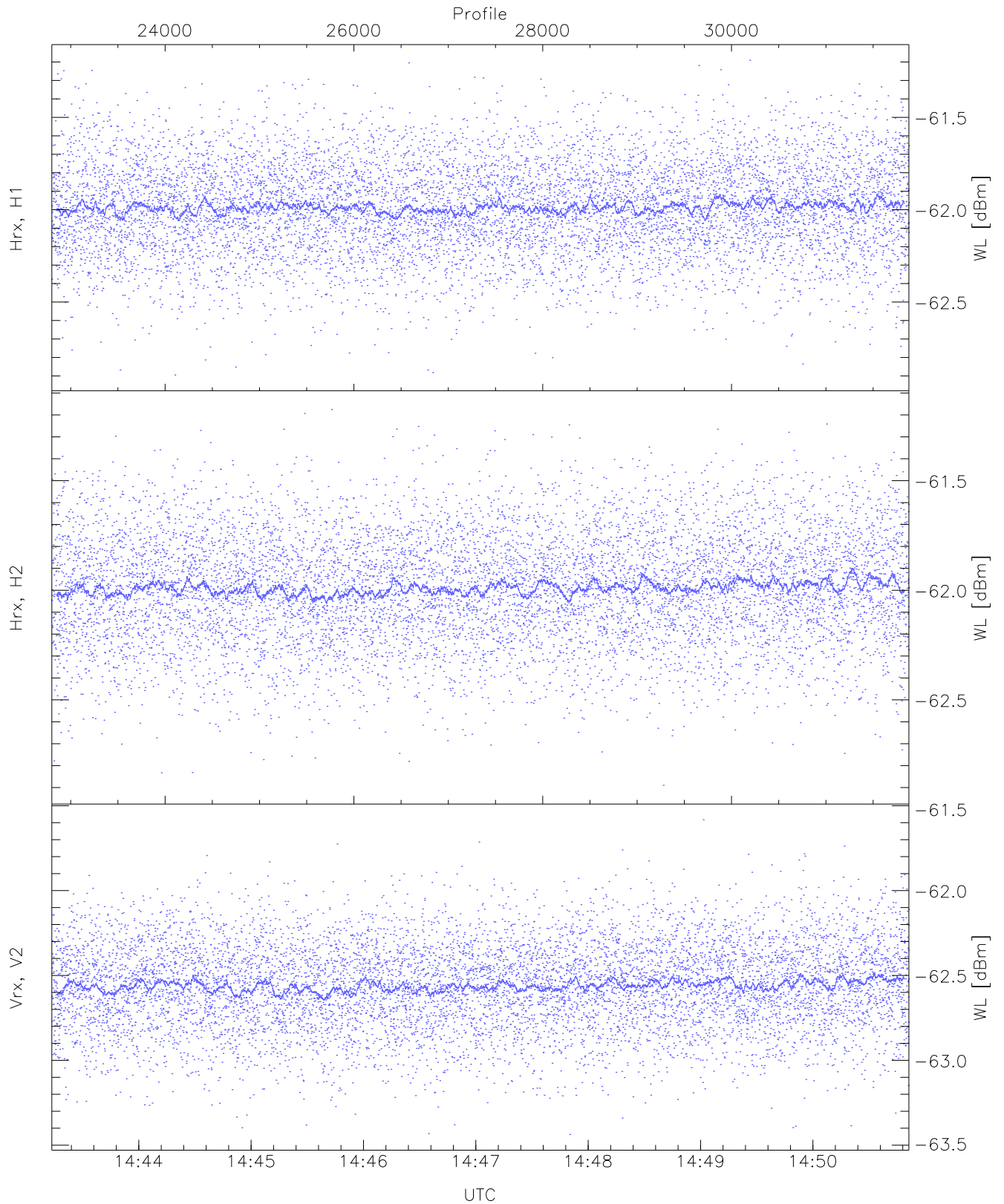
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,25,27,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,29,31`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,5)`



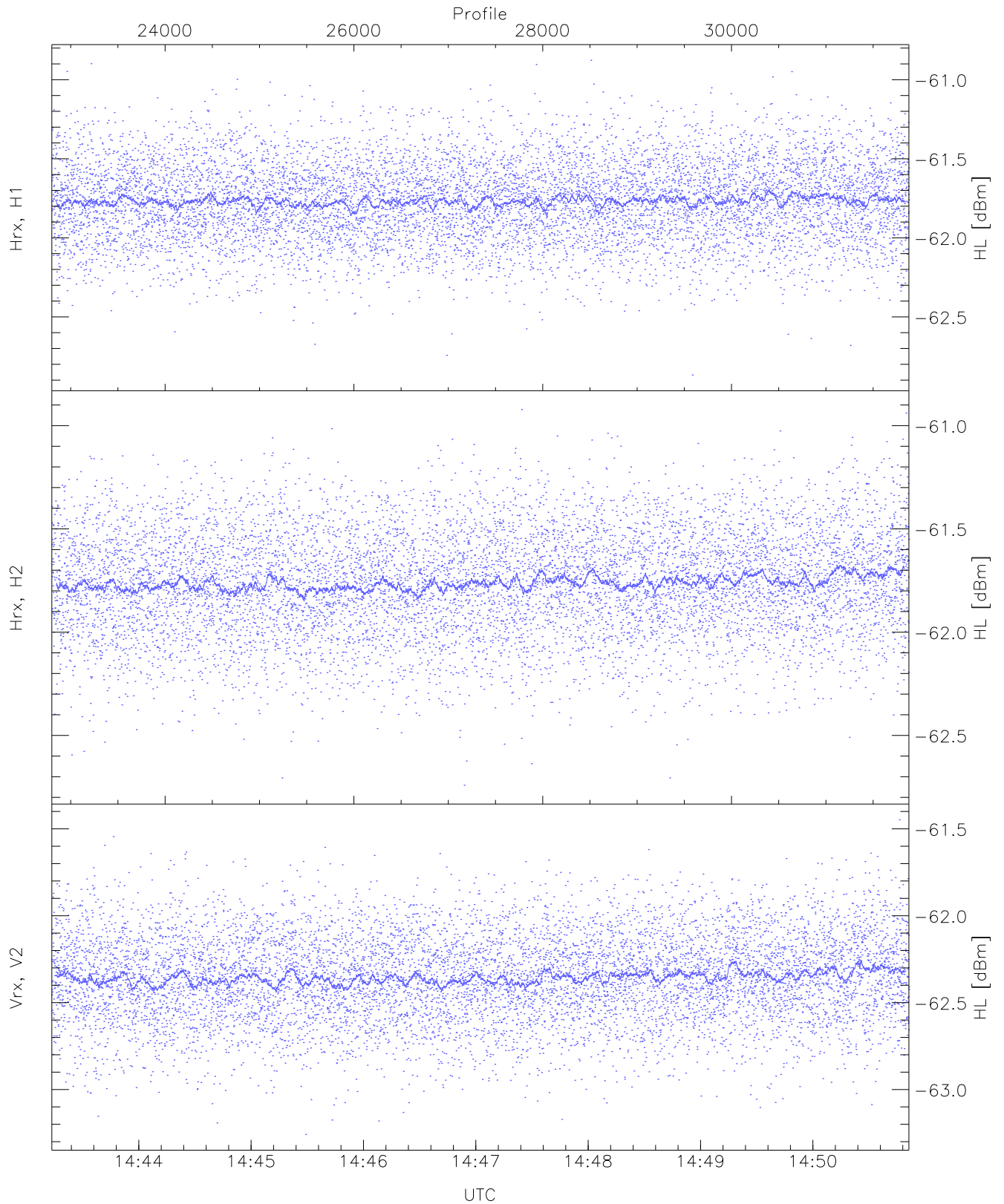
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 20 pixs, 5 gates, 20 profs, 1 prods



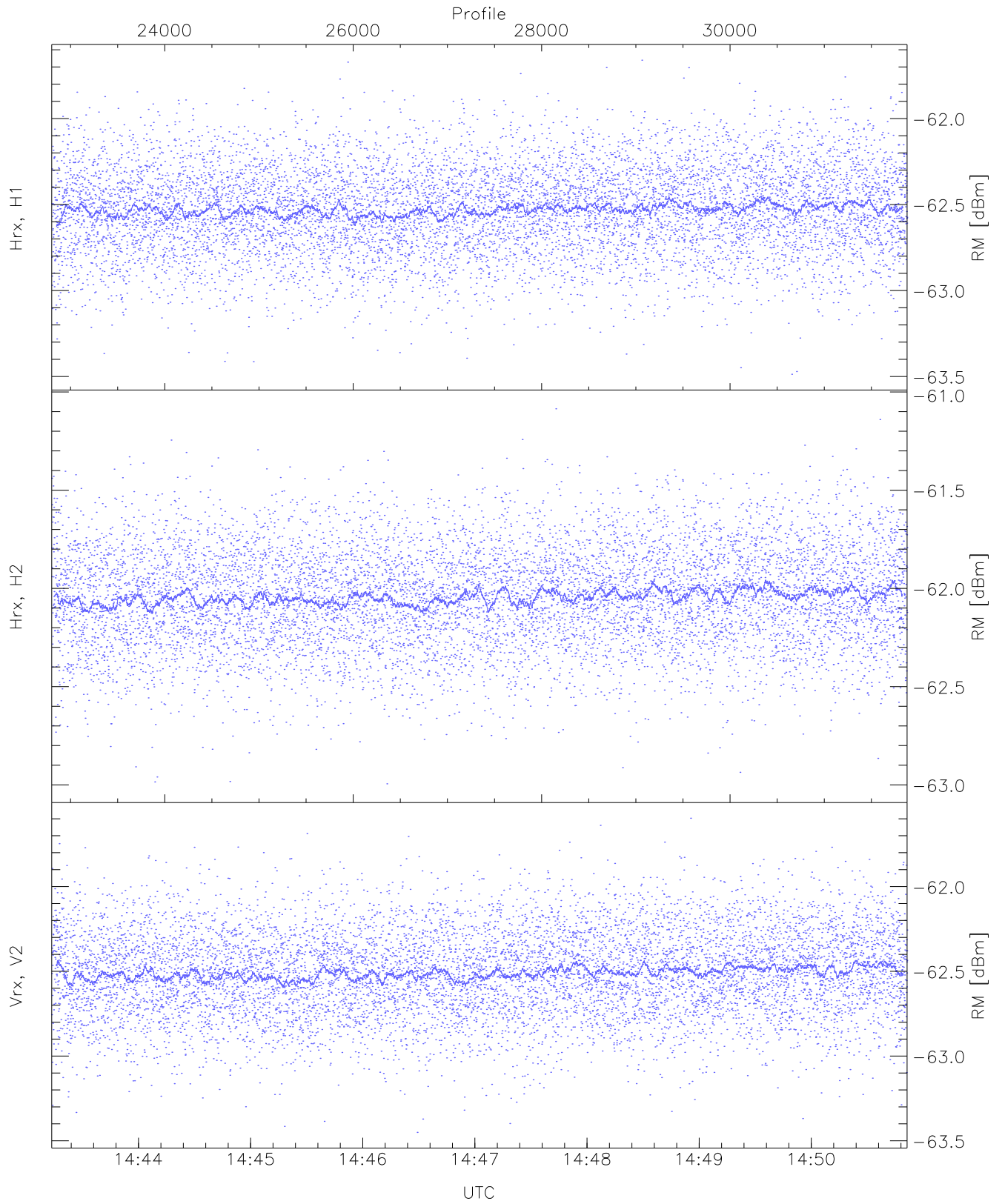
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.90	-61.19	-61.98	-61.99	-74.57
Hrx, H2(WL [dBm])	-62.89	-61.18	-61.99	-61.99	-74.59
Vrx, V2(WL [dBm])	-63.44	-61.58	-62.56	-62.56	-75.11



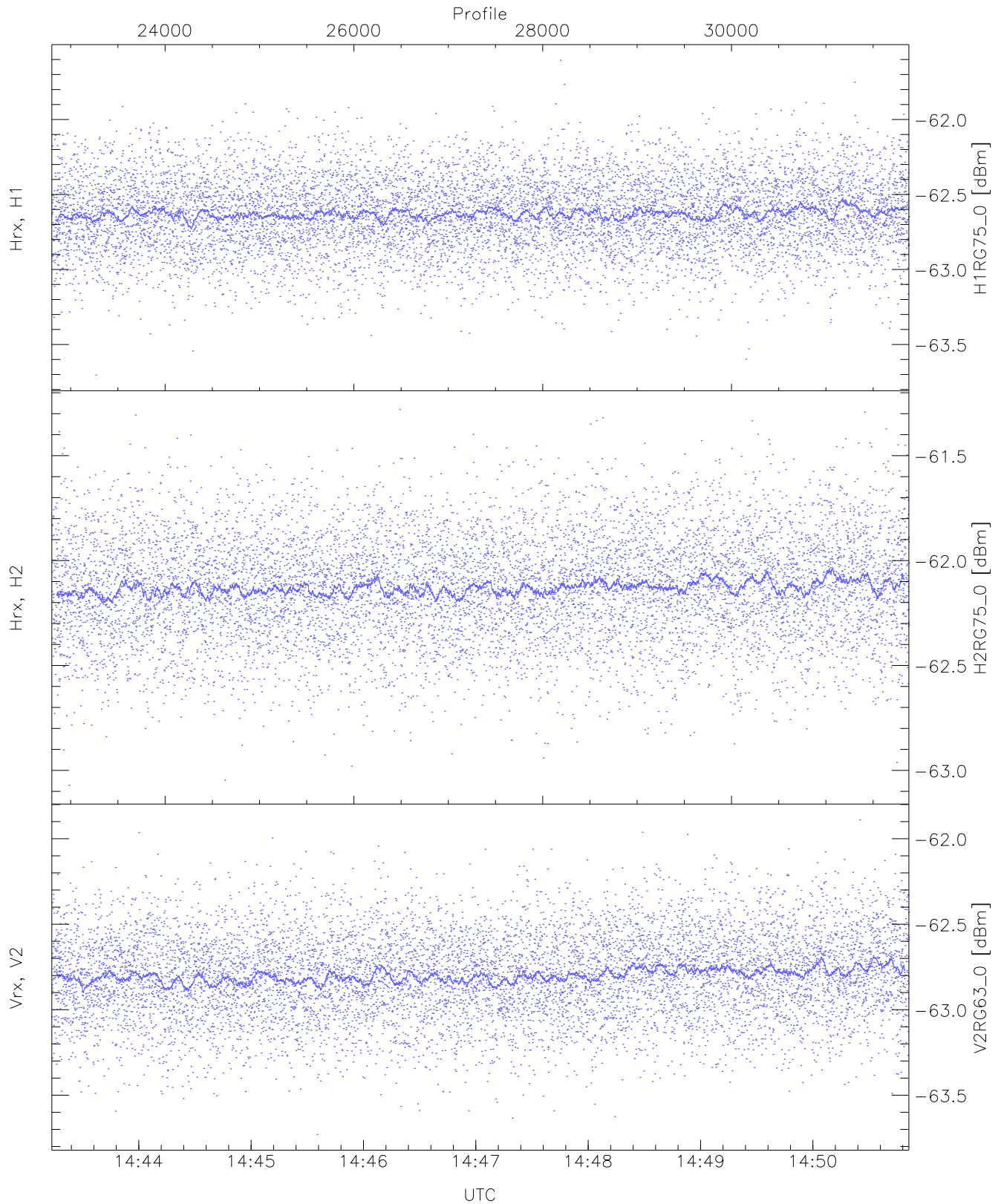
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.87	-60.88	-61.76	-61.77	-74.30
Hrx, H2 (HL [dBm])	-62.74	-60.92	-61.76	-61.76	-74.32
Vrx, V2 (HL [dBm])	-63.26	-61.45	-62.35	-62.35	-74.93



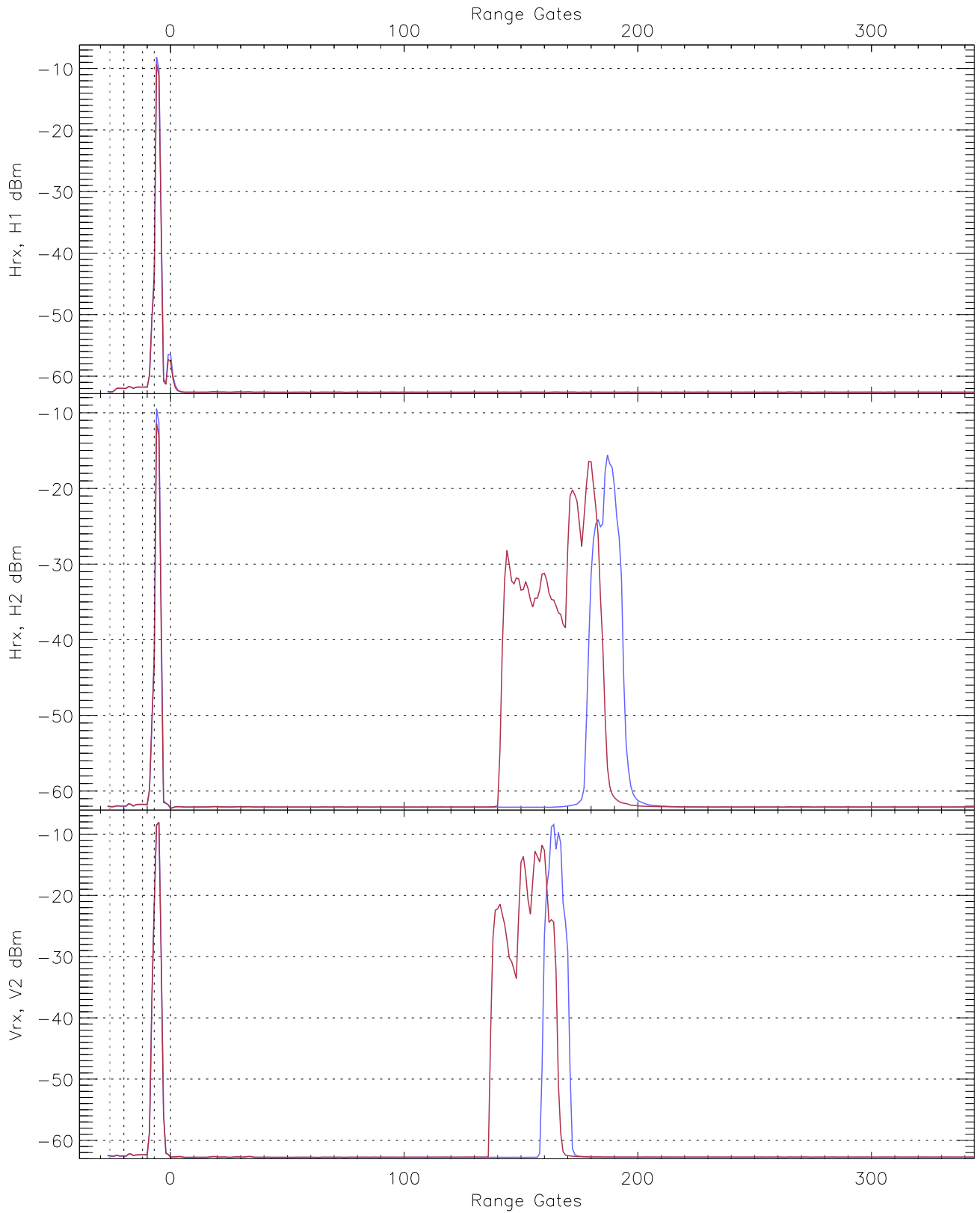
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.49	-61.66	-62.53	-62.53	-75.04
Hrx, H2(RM [dBm])	-62.99	-61.09	-62.04	-62.04	-74.54
Vrx, V2(RM [dBm])	-63.45	-61.60	-62.50	-62.51	-74.98

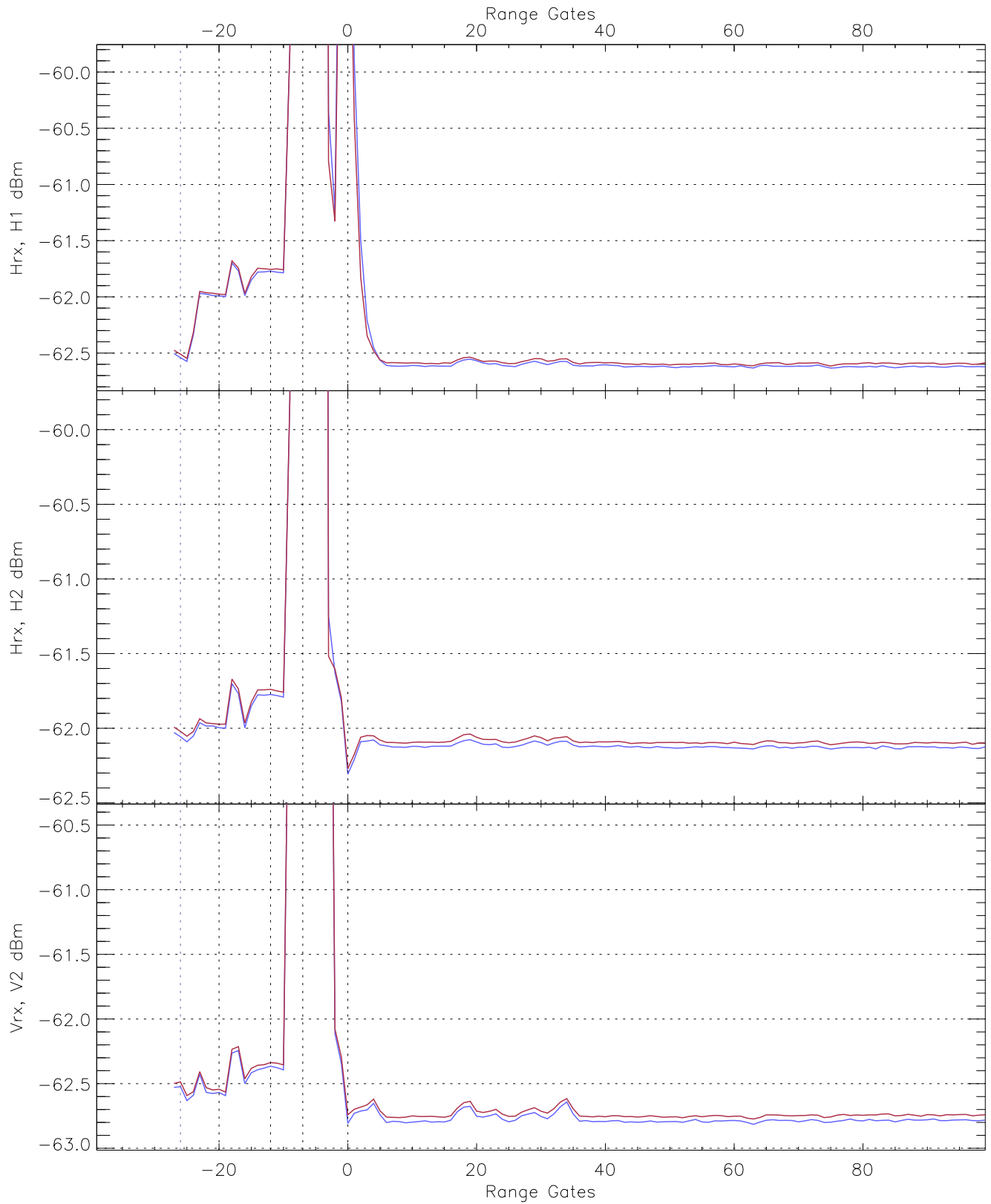


WCR2 CPP "Best" estimate Receivers Noise Power

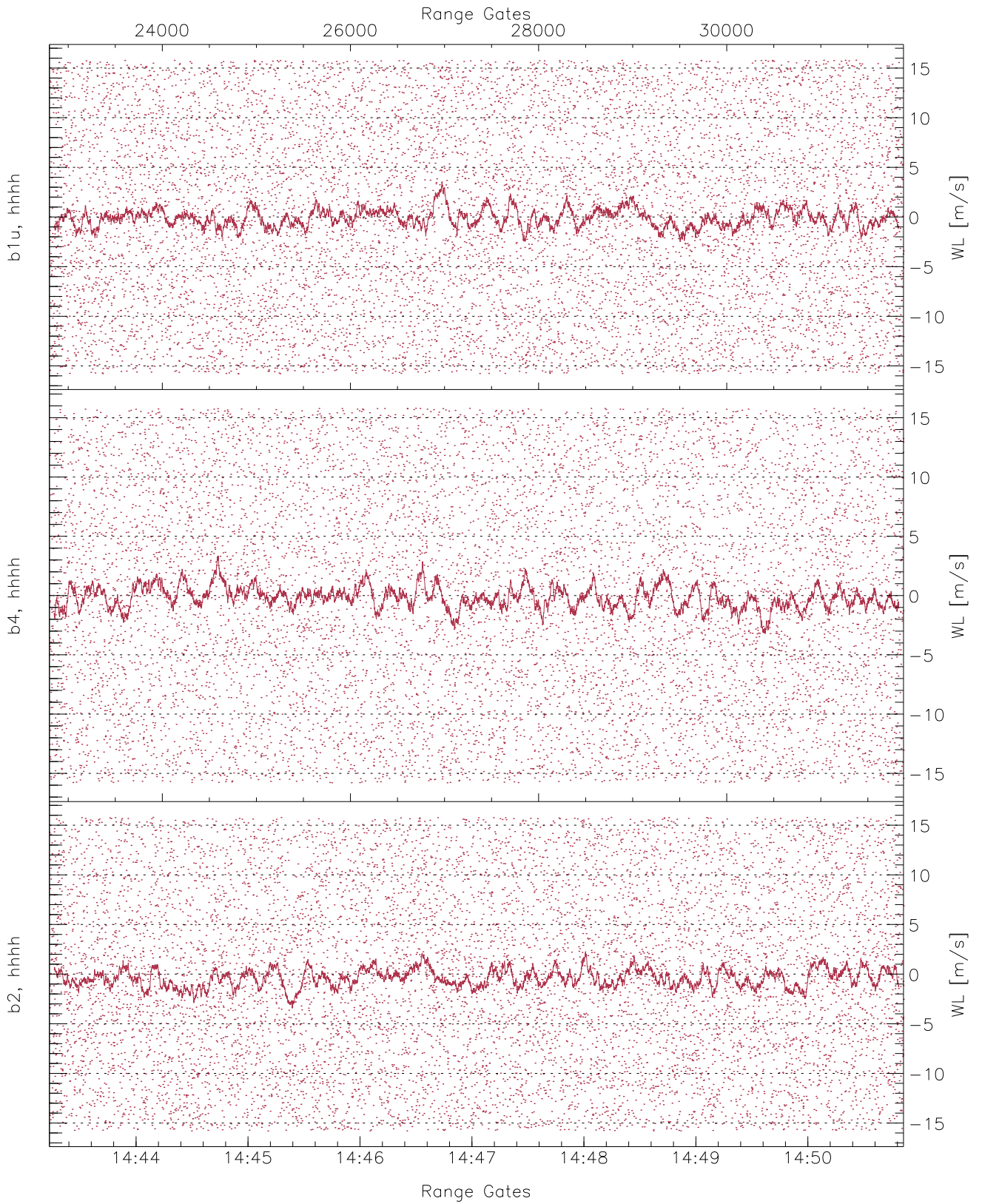
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.70	-61.61	-62.62	-62.63	-75.18
H2RG75_0 [dBm]	-63.07	-61.28	-62.12	-62.13	-74.68
V2RG63_0 [dBm]	-63.73	-61.89	-62.79	-62.80	-75.32



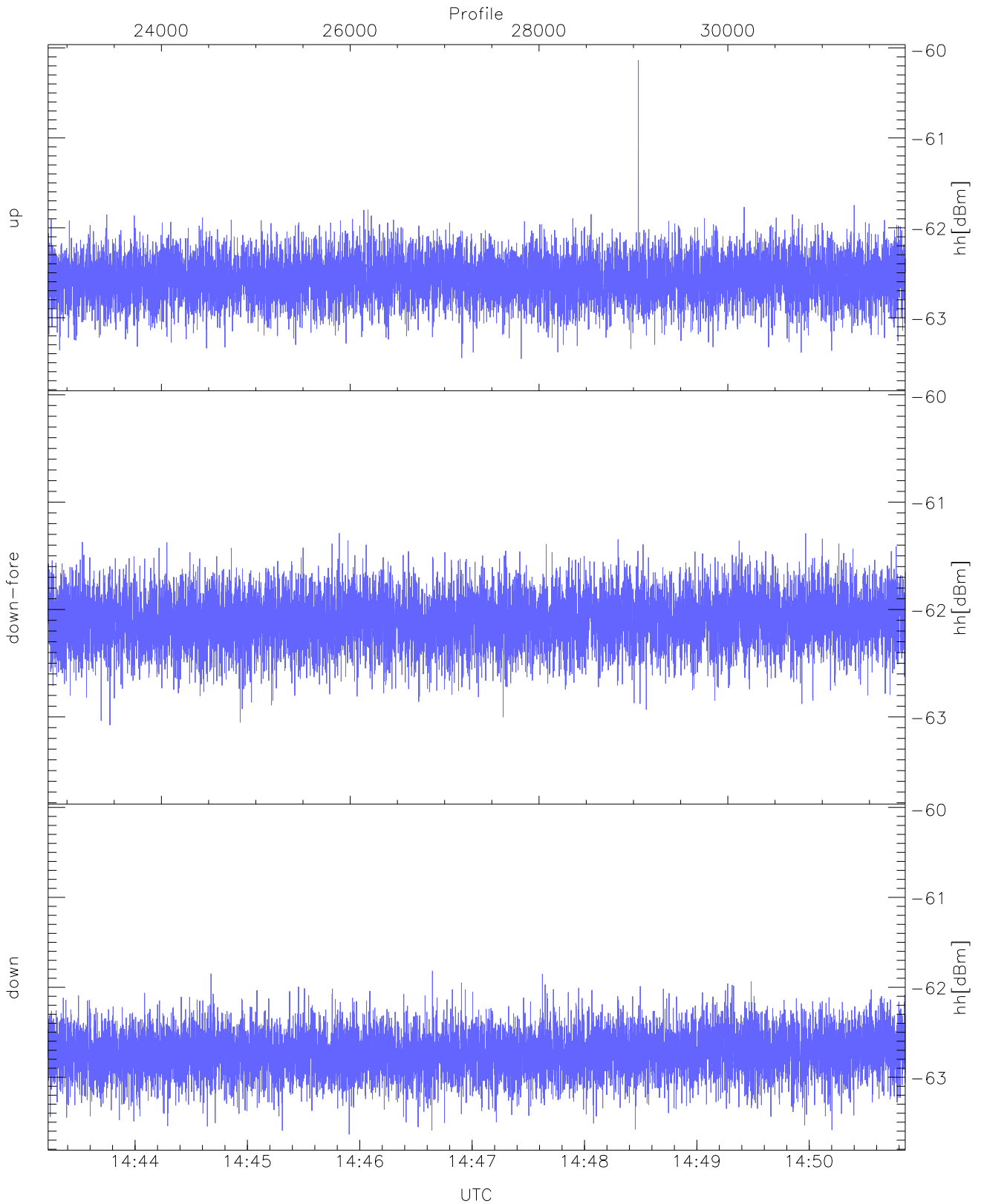
WCR2 CPP Averaged Received power for all recorded gates
blue: 144314-144702, 4541 profiles averaged
red: 144702-145051, 4540 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 144314-144702, 4541 profiles averaged
red: 144702-145051, 4540 profiles averaged

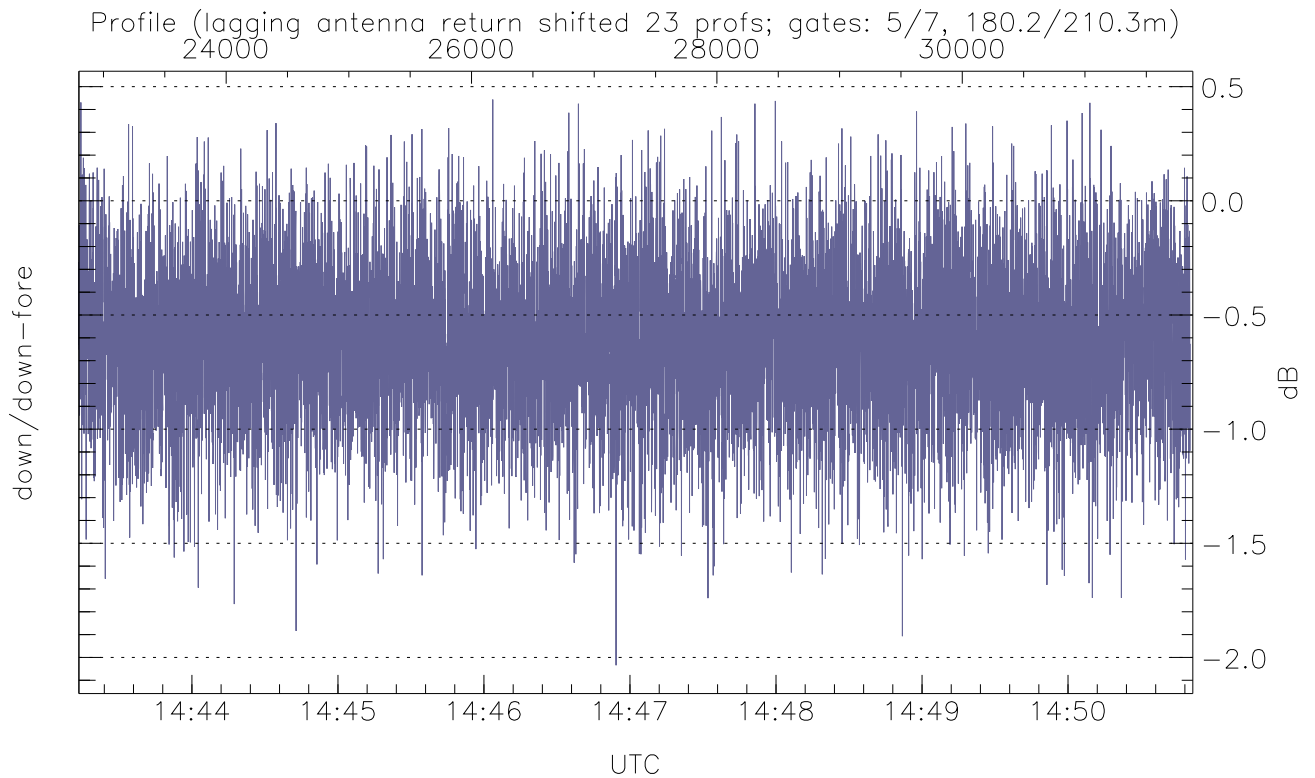
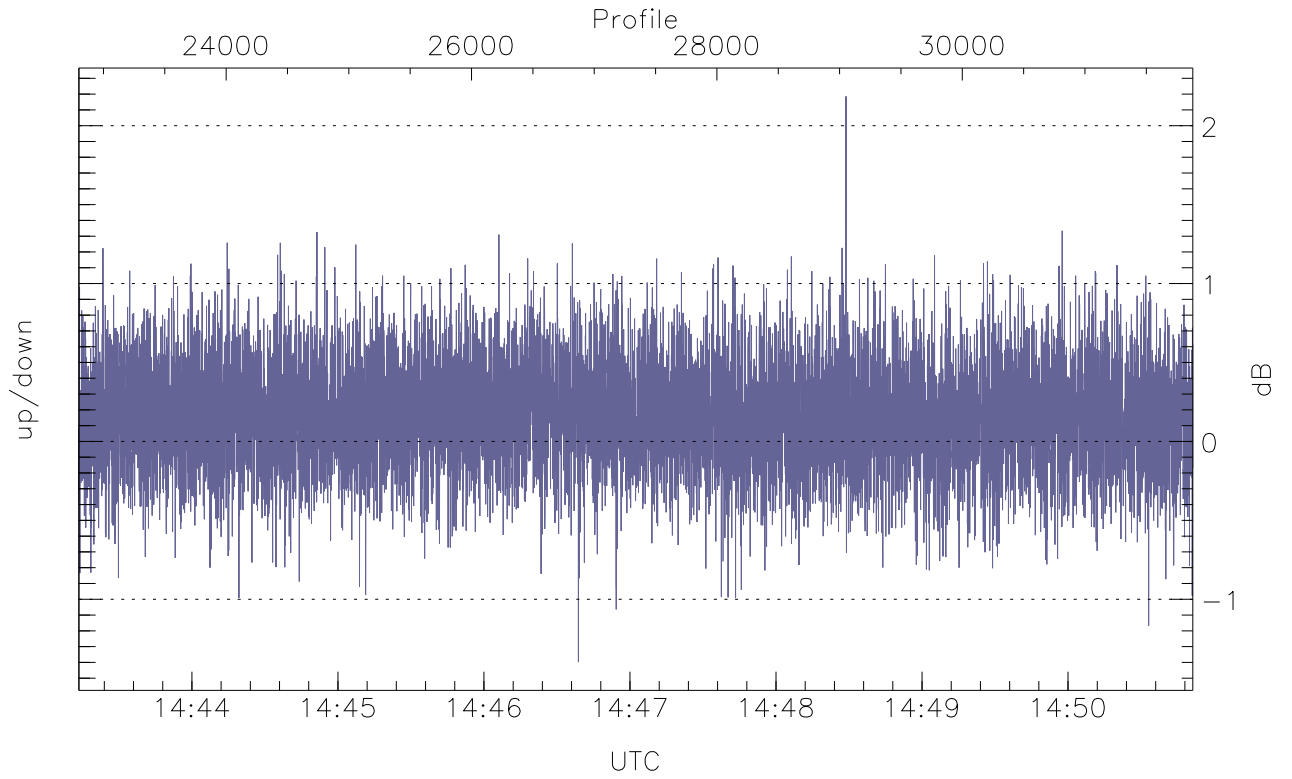


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



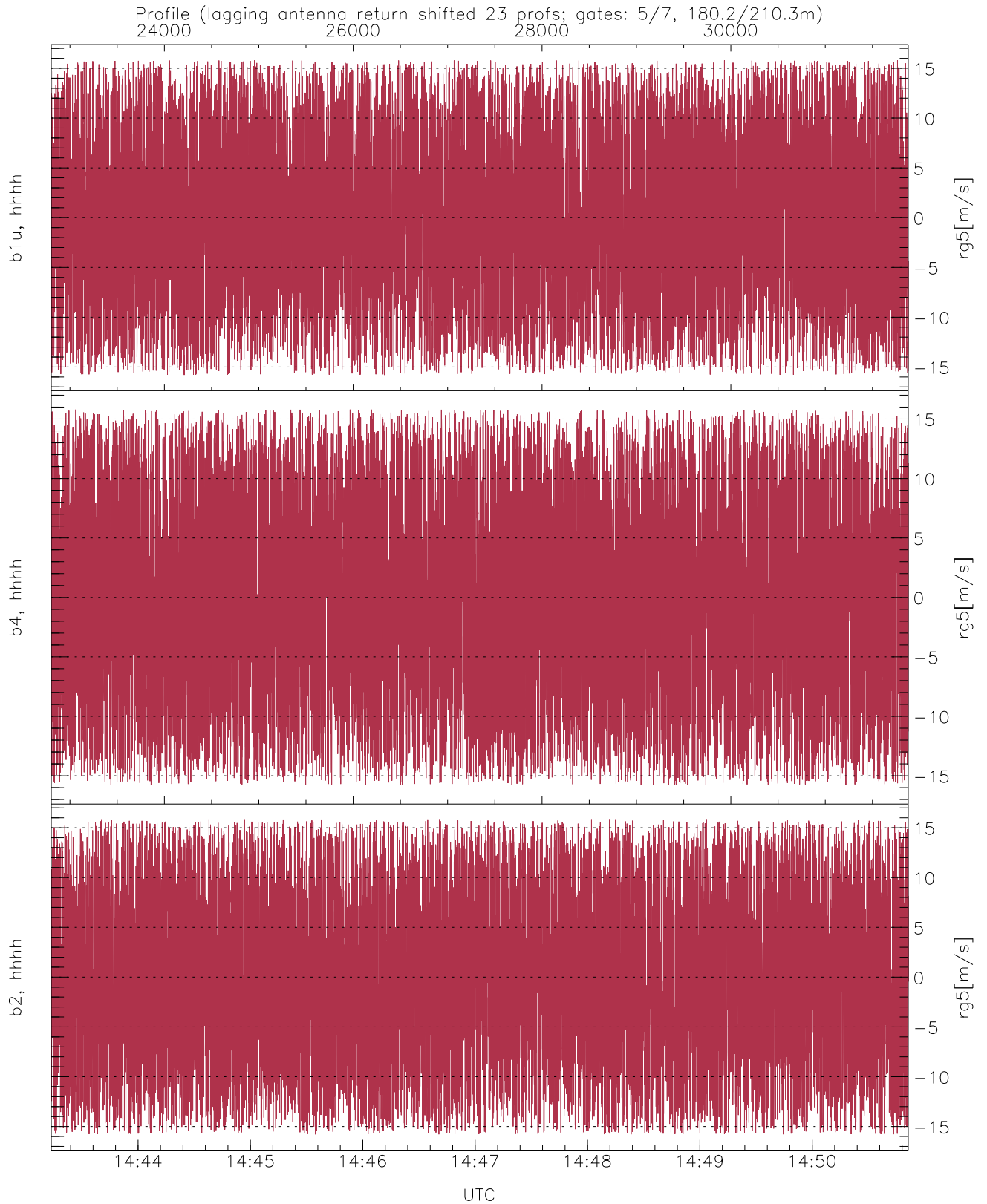
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.46	-60.14	-62.56
down-fore(hh[dBm])	-63.08	-61.29	-62.10
down(hh[dBm])	-63.64	-61.82	-62.73



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

	Min	Max	Mean
up/down (dB)	-1.40	2.19	0.16
down/down-fore (dB)	-2.03	0.44	-0.62



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.01	8.82
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.24	9.04
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.43	9.08