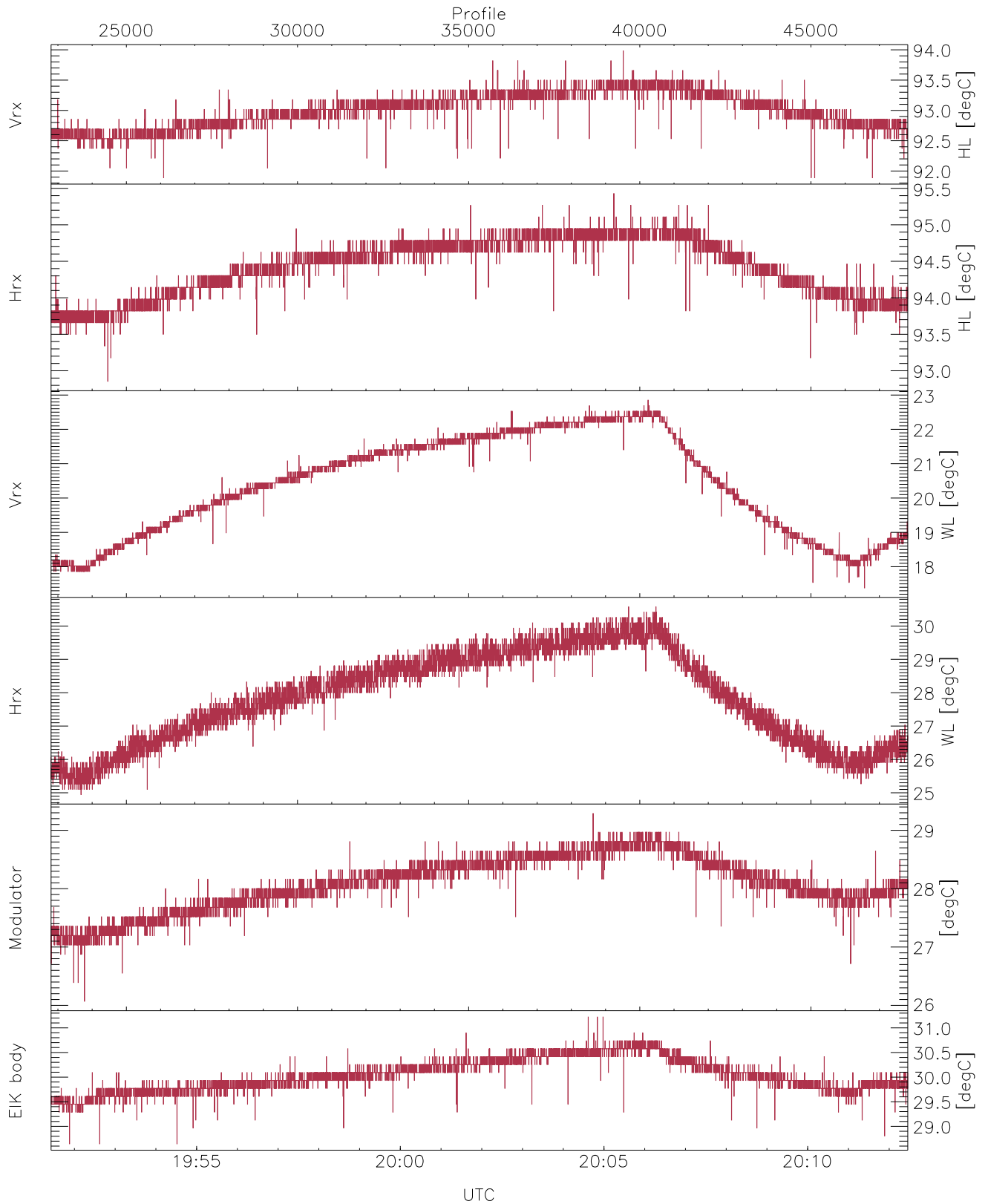


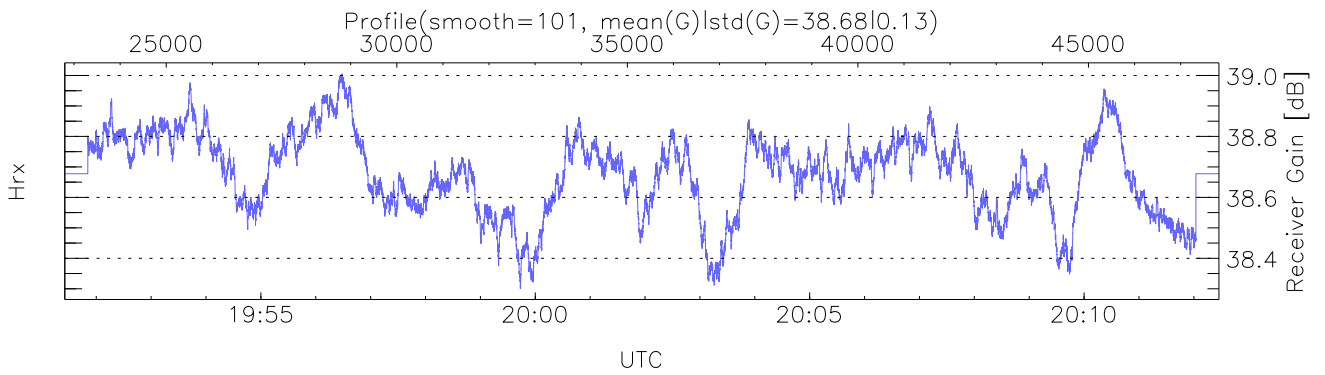
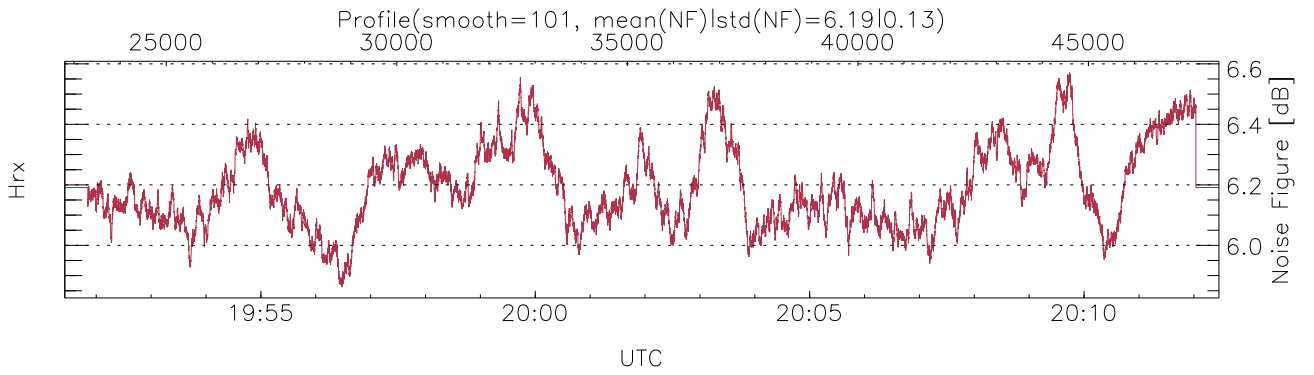
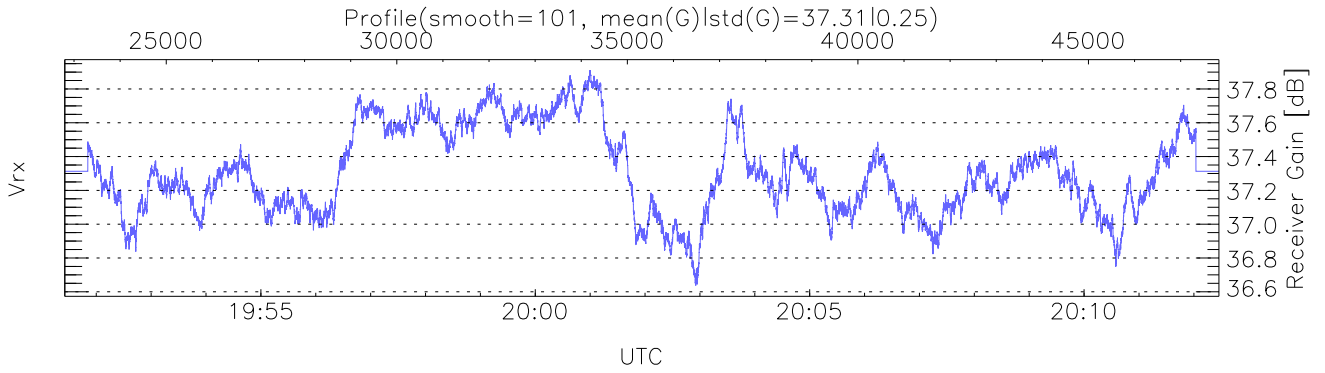
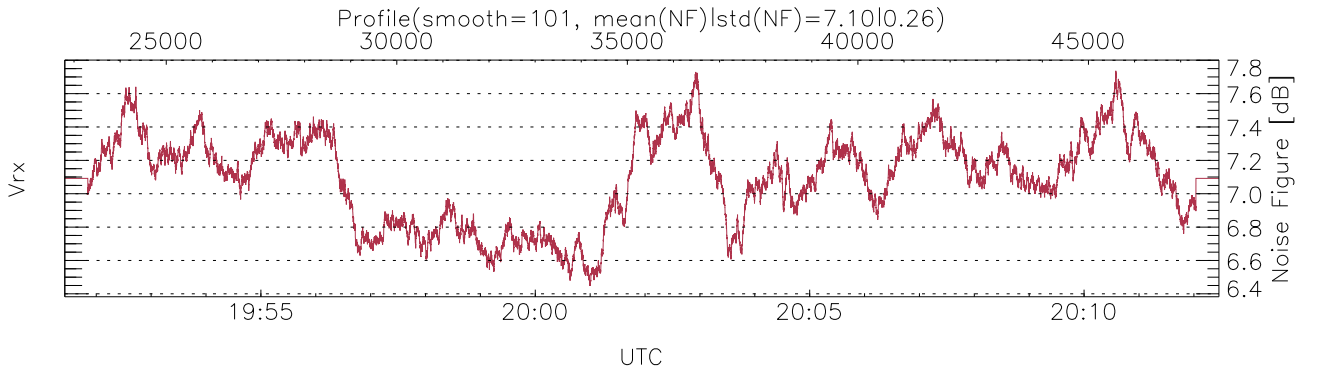
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:32:16-20:12:27, Dur: 2411.23s
 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): 25031/47831, 22800-47830/19:51:26-20:12:27
 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



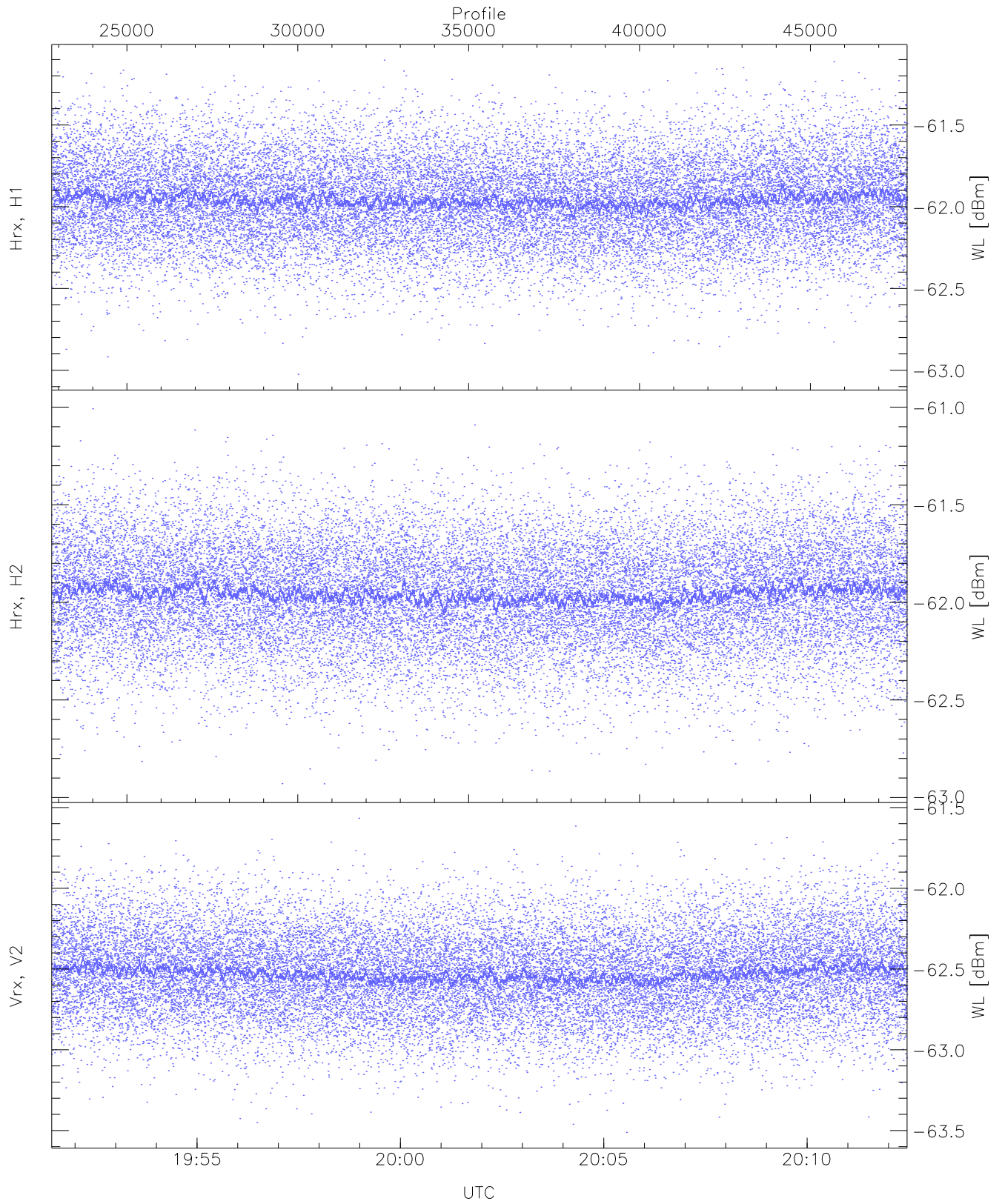
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,26,28`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,29,31`
`LOalarm(20,80,240,2.8,14.8 MHz): 11,0,0,0,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (18,12,18,18,18,11)`



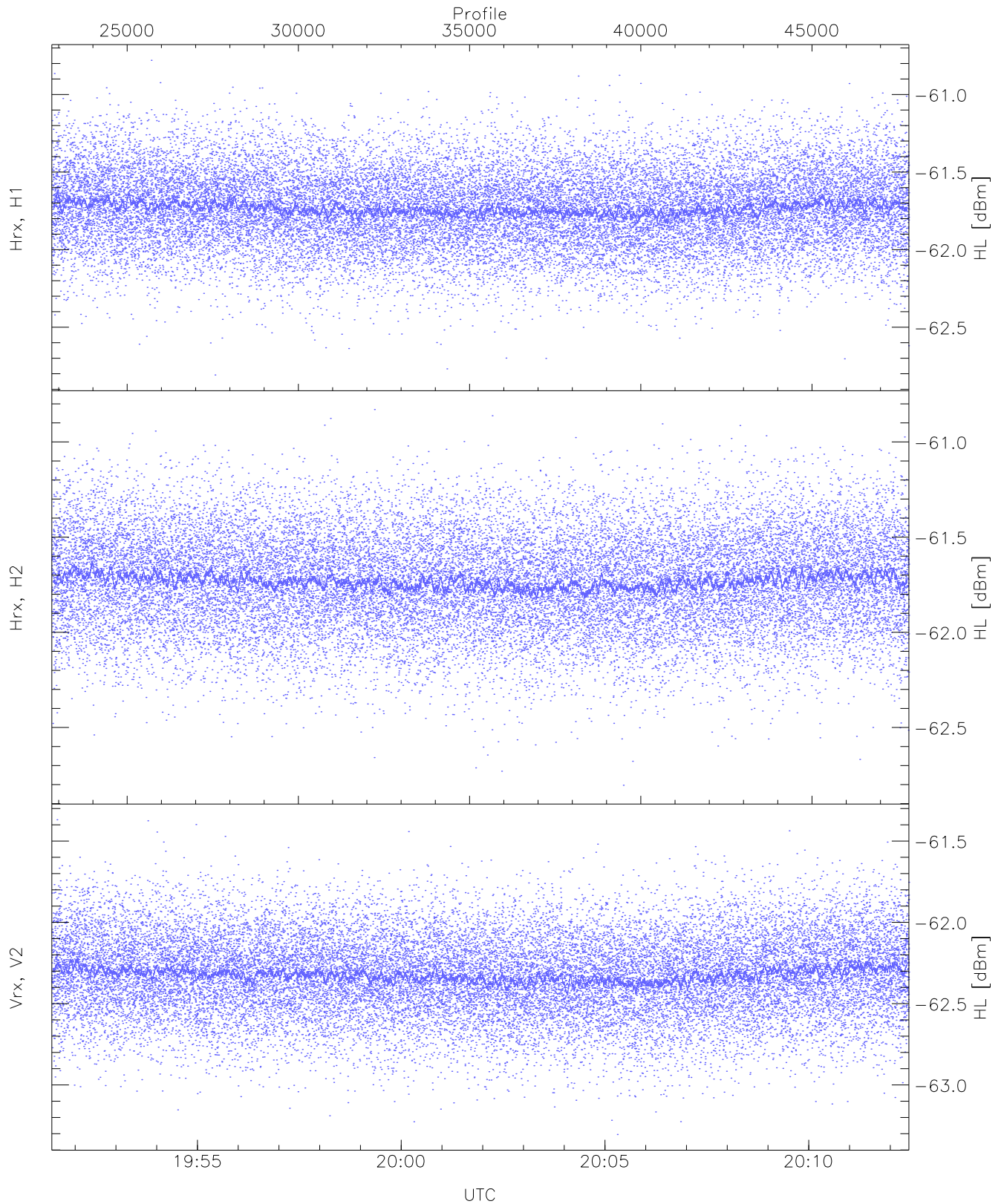
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1065 pixs, 19 gates, 1062 profs, 2 prods



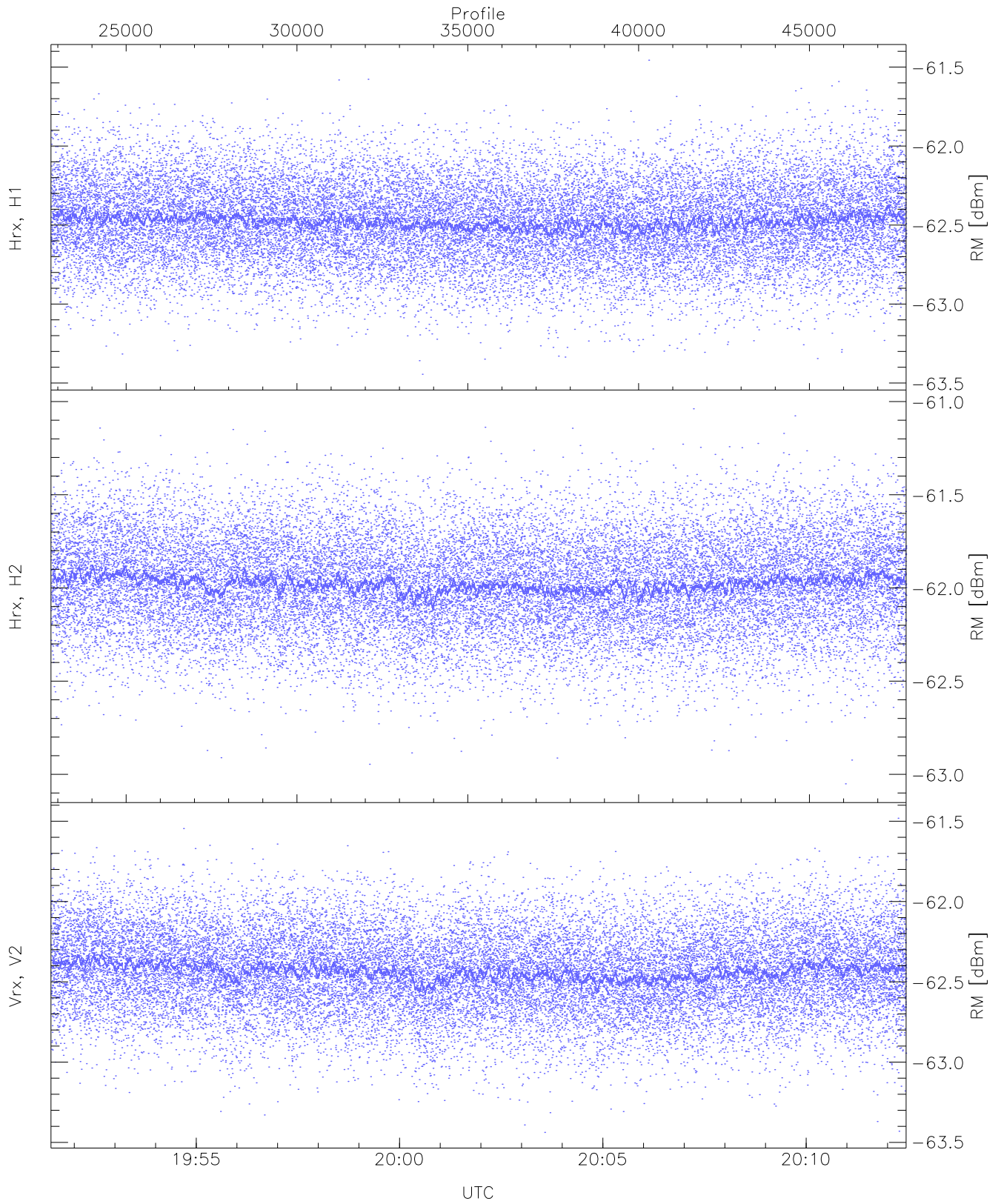
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.02	-61.10	-61.96	-61.96	-74.48
Hrx, H2(WL [dBm])	-62.93	-61.01	-61.95	-61.96	-74.50
Vrx, V2(WL [dBm])	-63.51	-61.57	-62.53	-62.53	-75.04



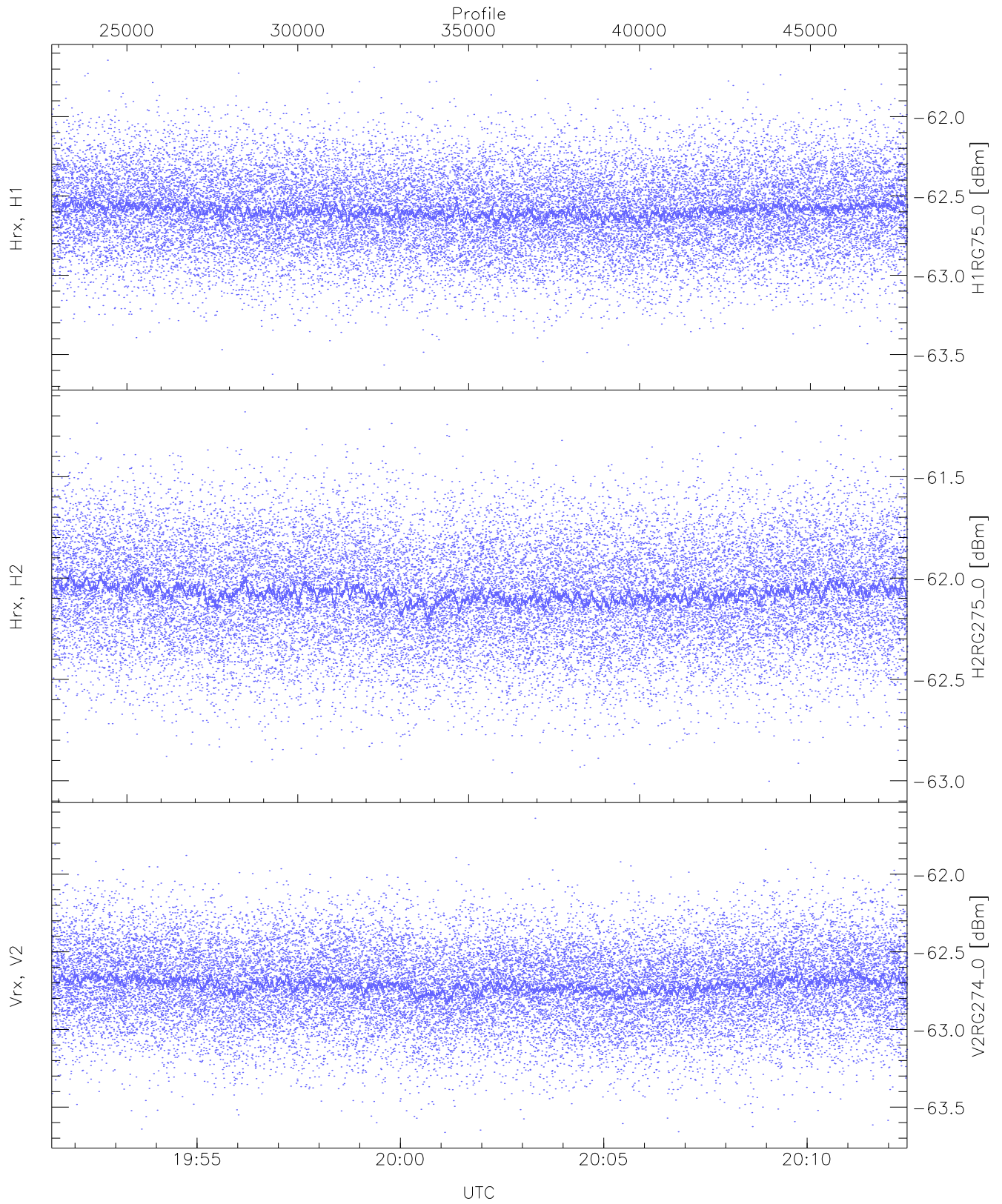
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.81	-60.78	-61.73	-61.74	-74.28
Hrx, H2(HL [dBm])	-62.80	-60.83	-61.73	-61.73	-74.25
Vrx, V2(HL [dBm])	-63.30	-61.37	-62.32	-62.32	-74.87



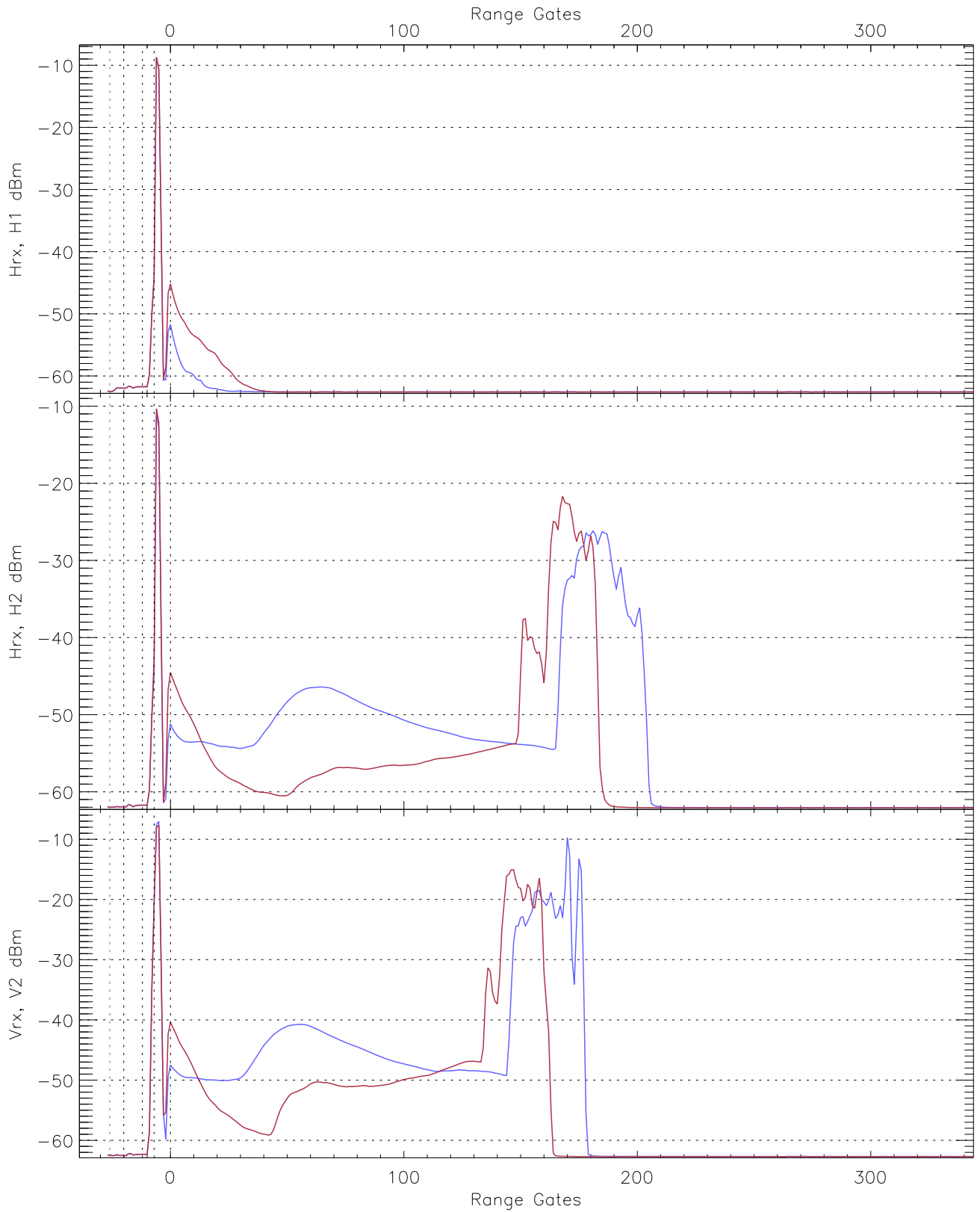
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.44	-61.46	-62.48	-62.48	-75.01
Hrx, H2 (RM [dBm])	-63.05	-61.04	-61.97	-61.98	-74.56
Vrx, V2 (RM [dBm])	-63.44	-61.48	-62.43	-62.44	-74.96

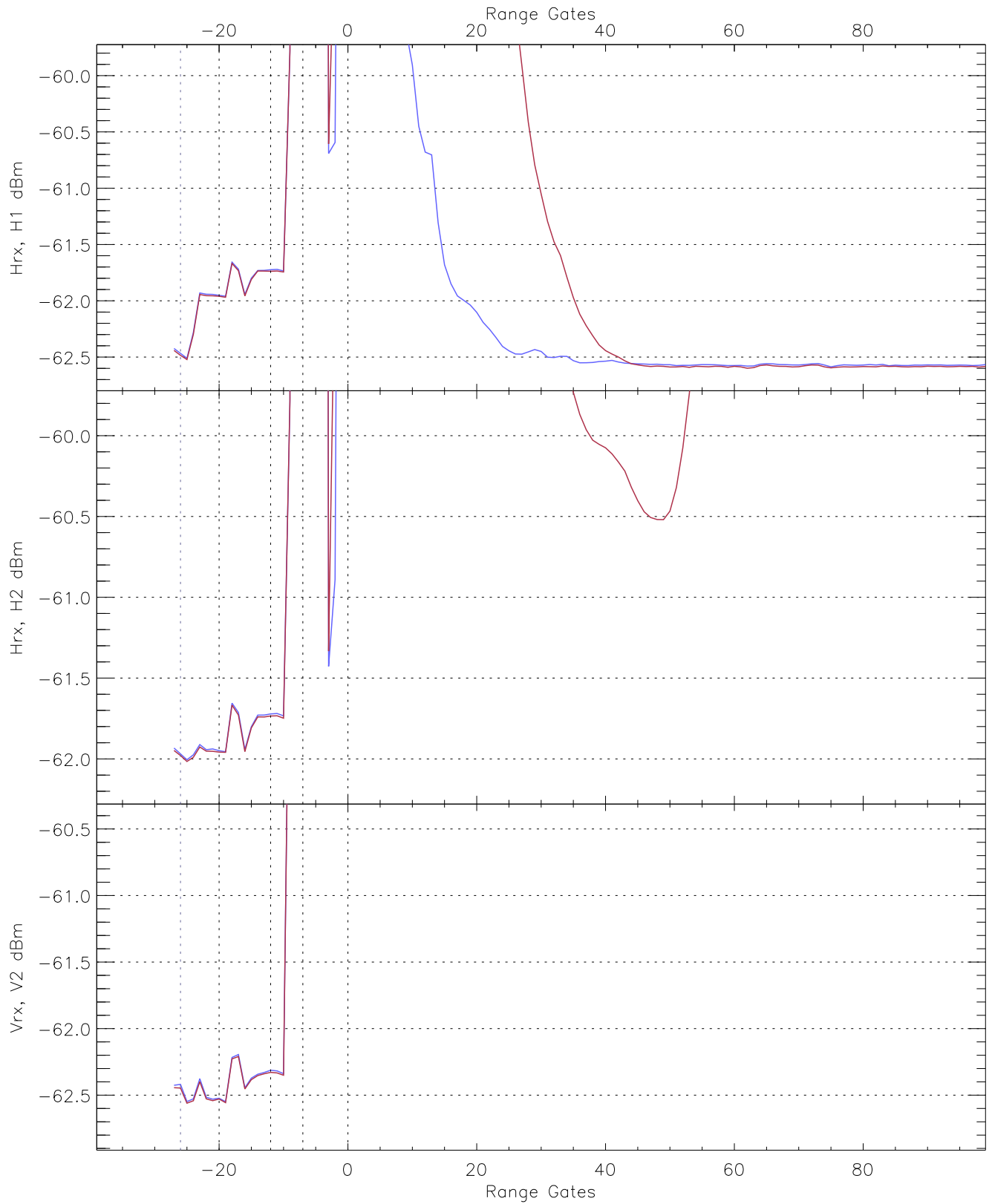


WCR2 CPP "Best" estimate Receivers Noise Power

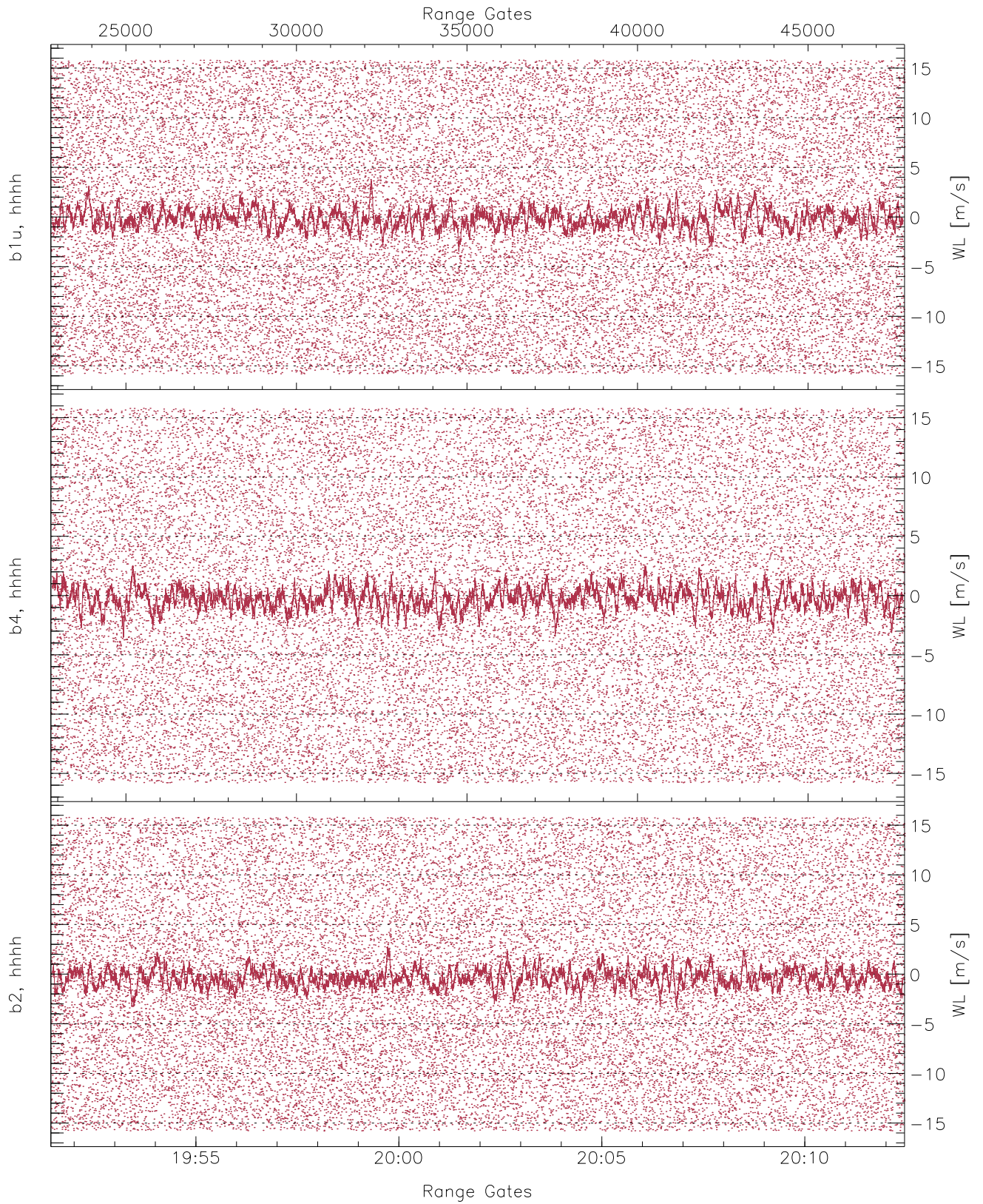
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.62	-61.64	-62.59	-62.60	-75.16
H2RG275_0 [dBm]	-63.02	-61.16	-62.07	-62.08	-74.61
V2RG274_0 [dBm]	-63.66	-61.64	-62.71	-62.71	-75.22



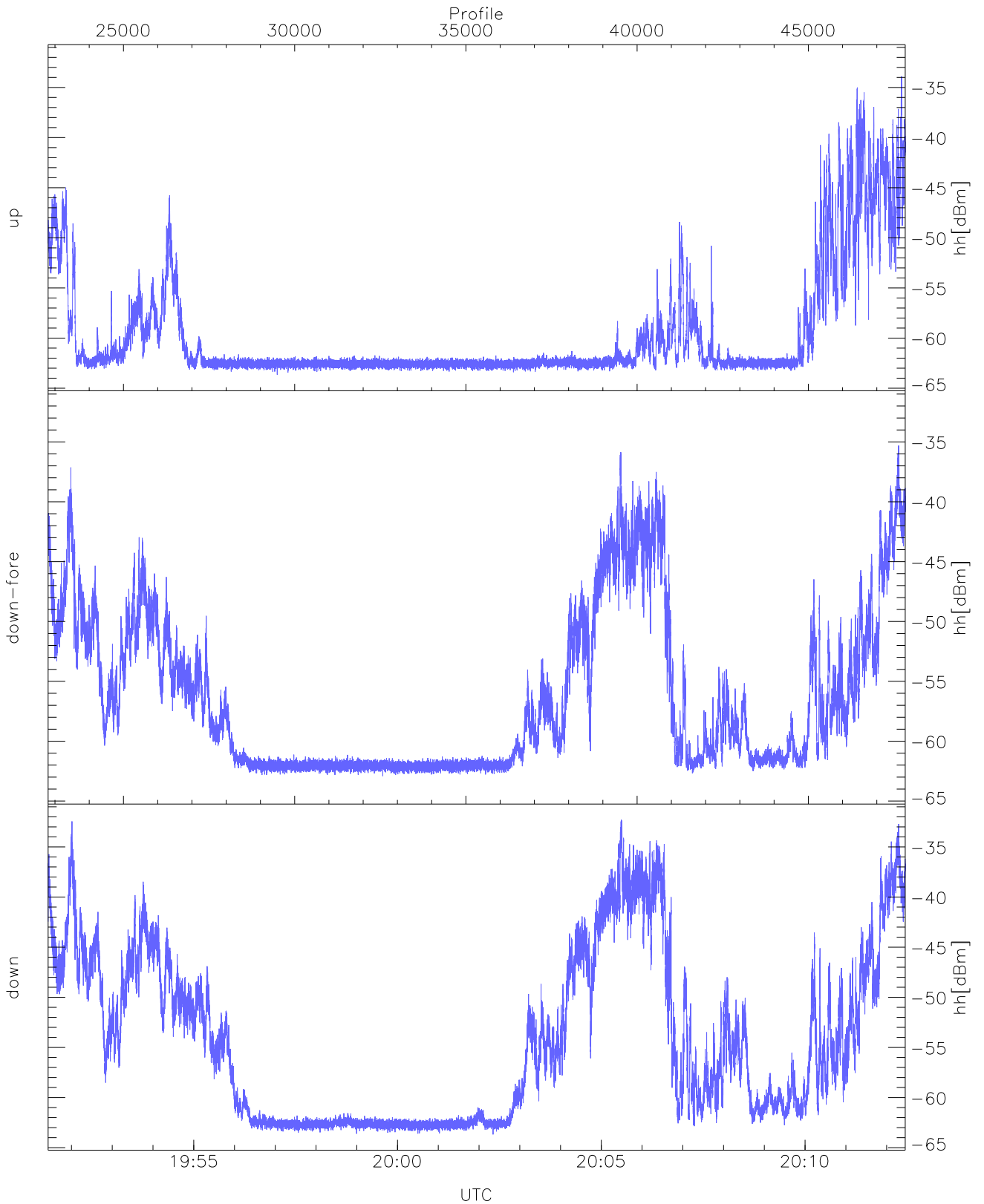
WCR2 CPP Averaged Received power for all recorded gates
blue: 195126-200157, 12516 profiles averaged
red: 200157-201227, 12516 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 195126-200157, 12516 profiles averaged
red: 200157-201227, 12516 profiles averaged

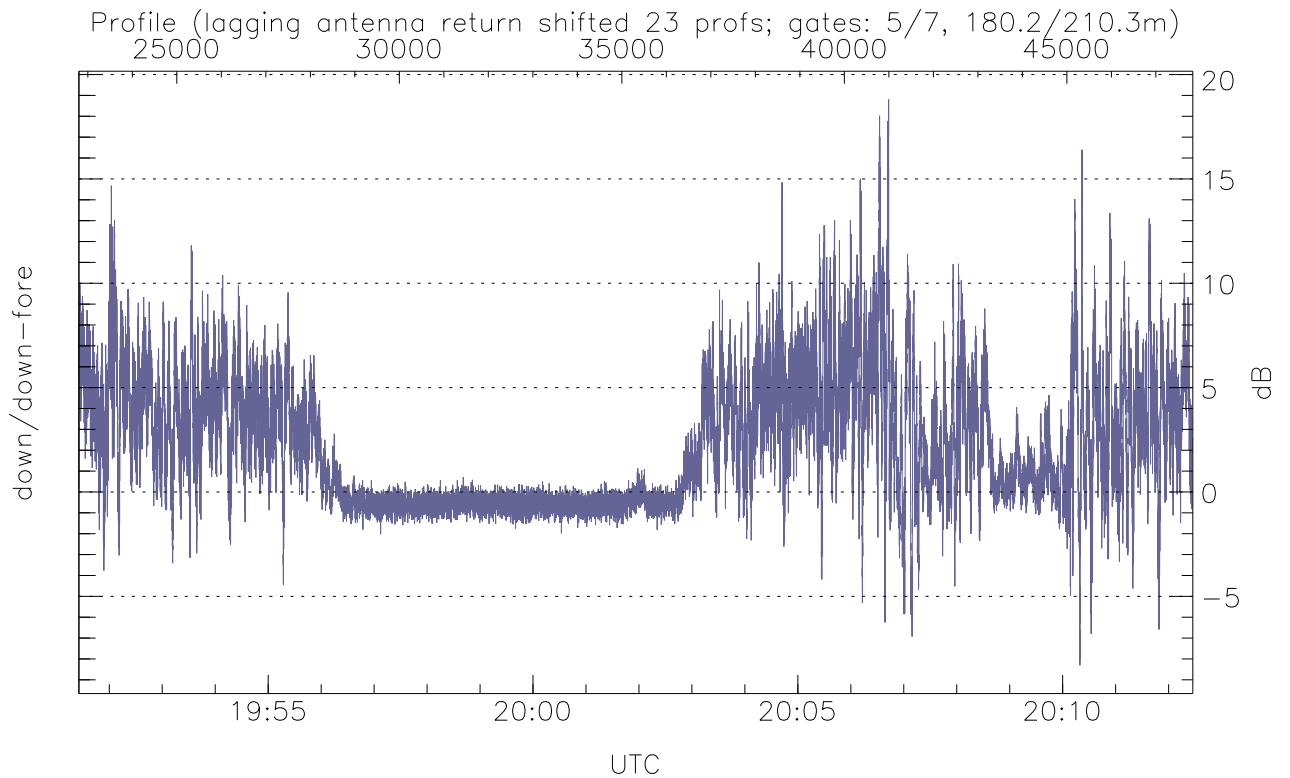
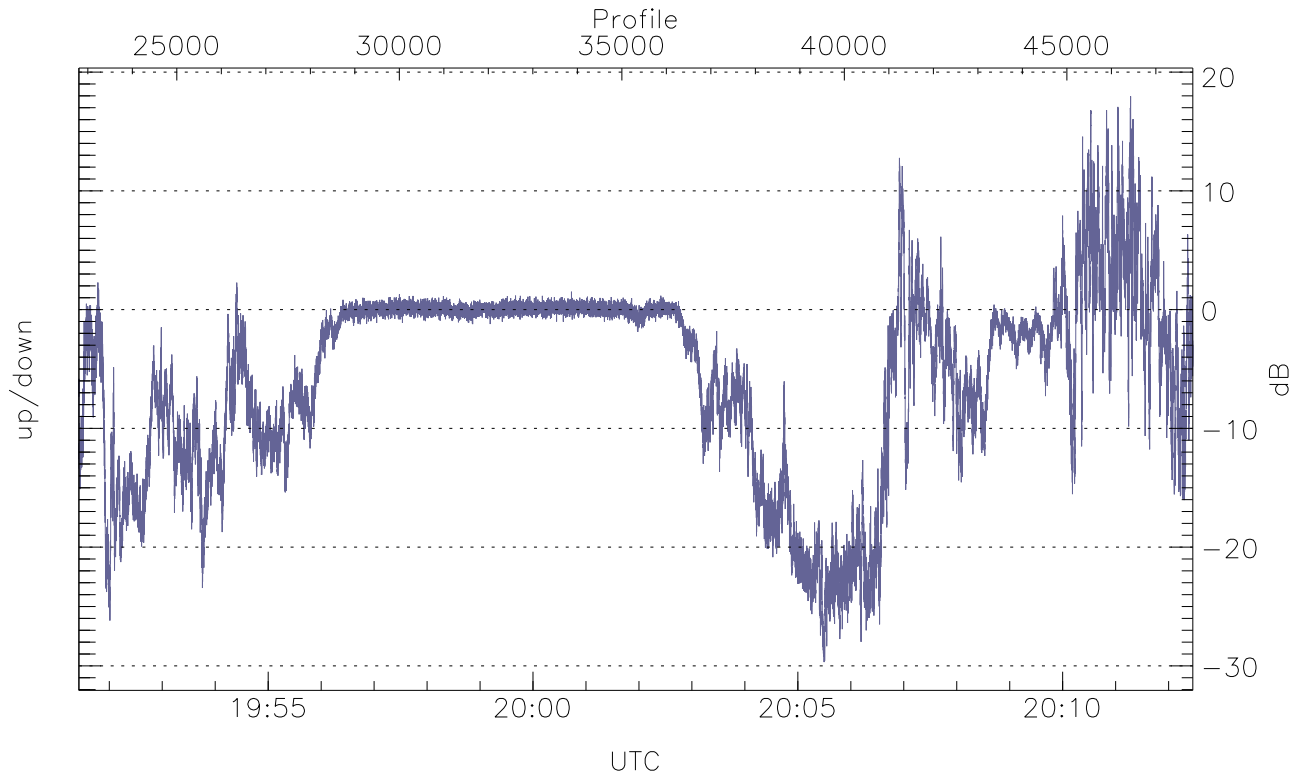


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



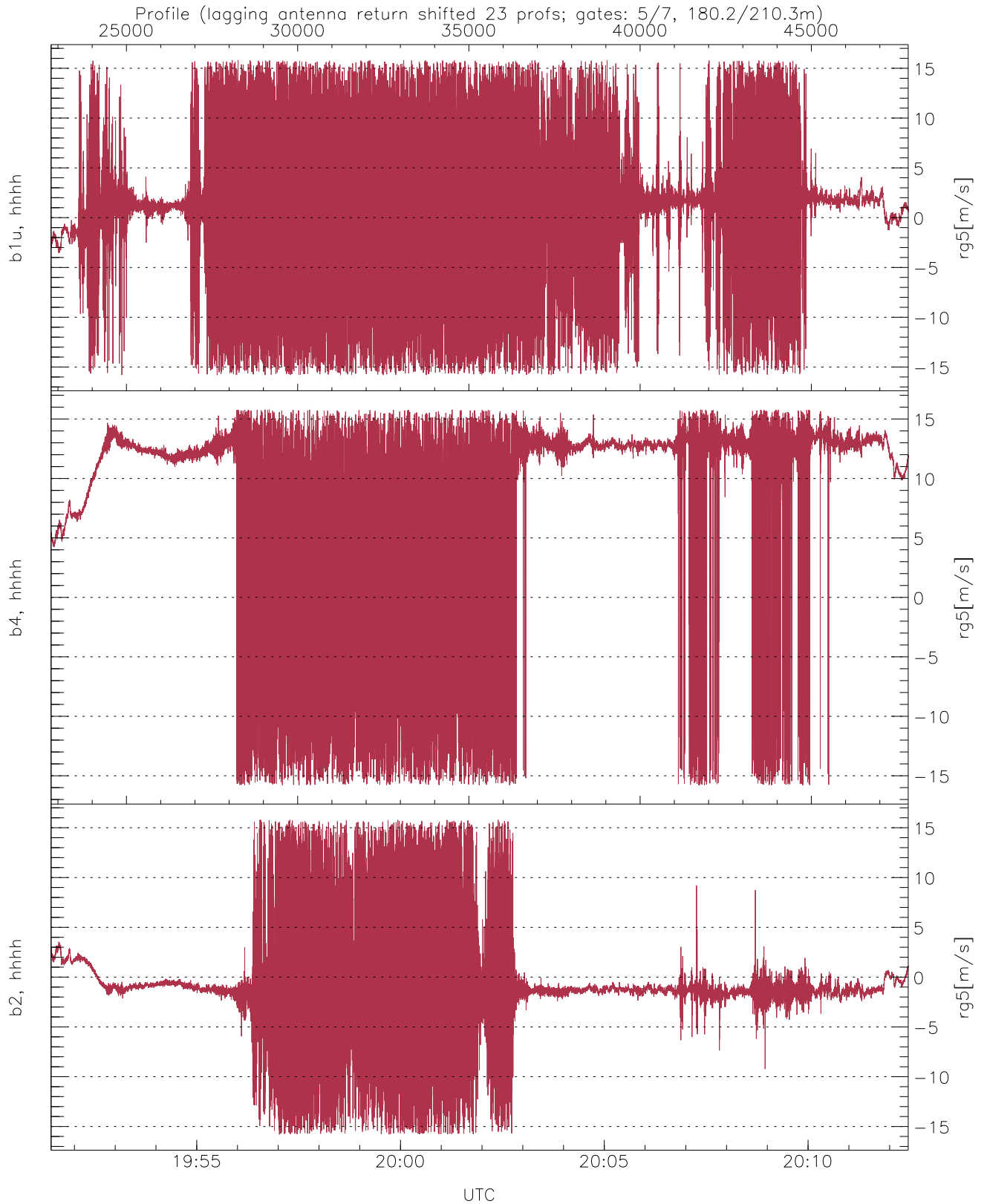
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.65	-33.89	-53.12
down-fore(hh[dBm])	-62.91	-35.30	-50.21
down(hh[dBm])	-63.68	-32.29	-46.29



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

	Min	Max	Mean
up/down (dB)	-29.68	17.96	-5.50
down/down-fore (dB)	-8.30	18.80	2.25



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.50	6.90
b4, hhhh(rg5[m/s])	-15.80	15.80	8.04	8.23
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.90	4.60