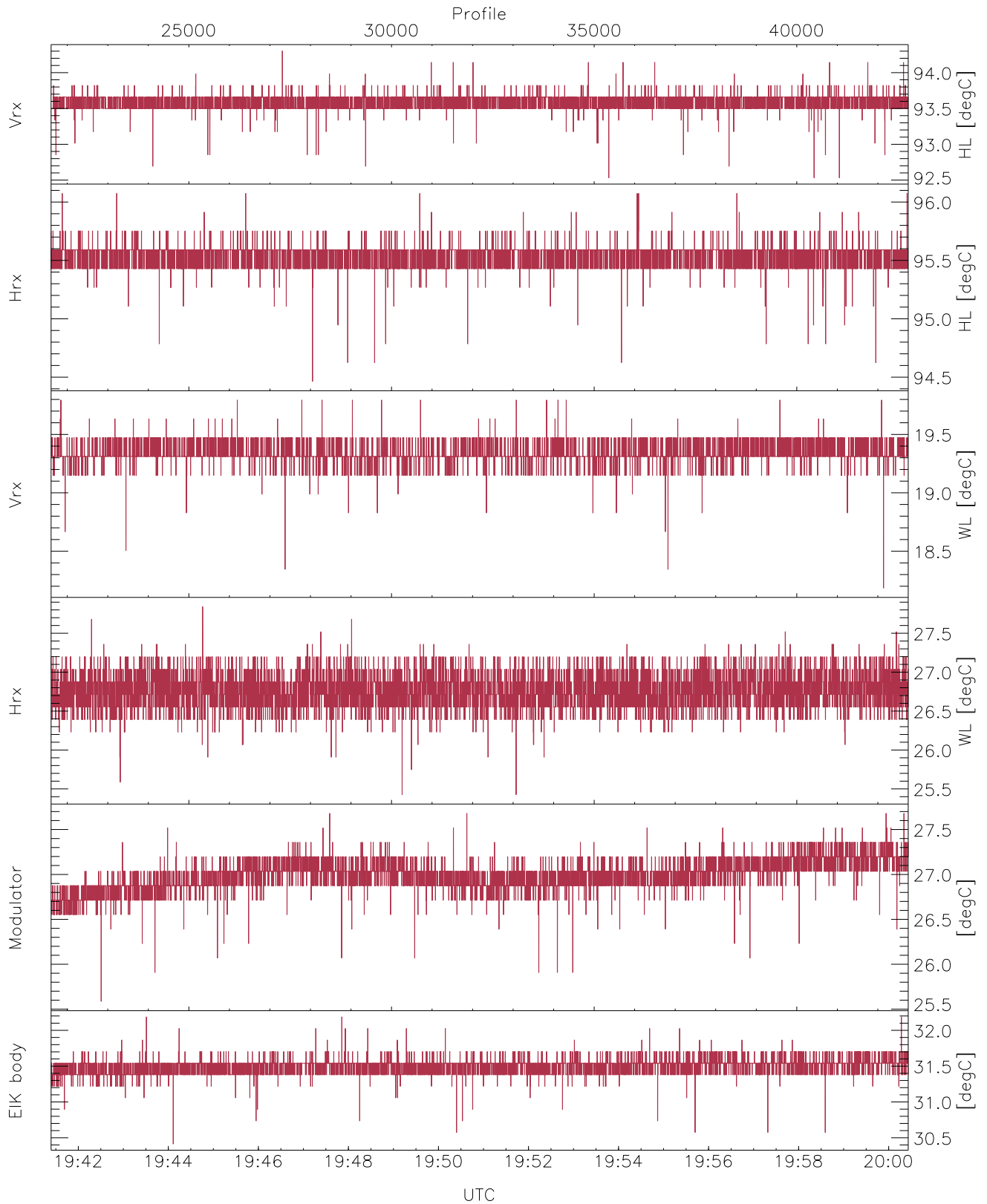


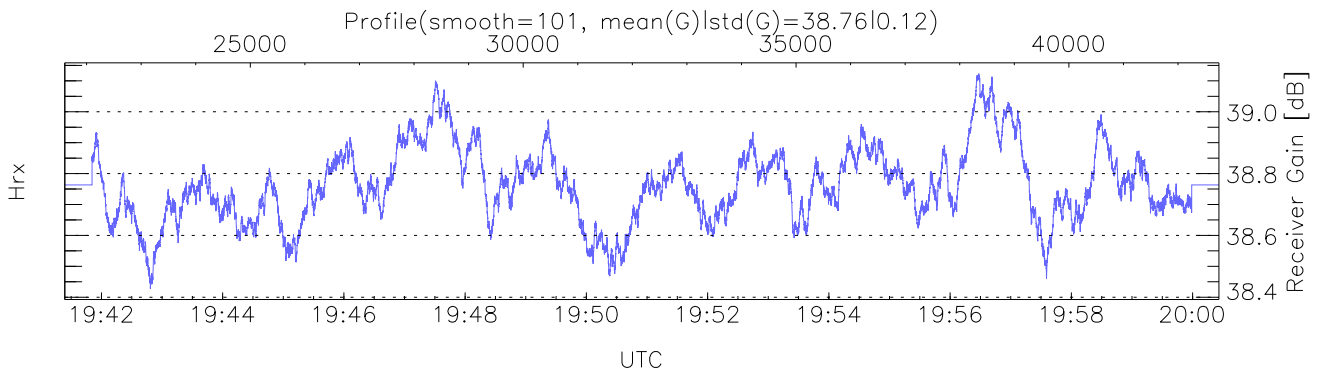
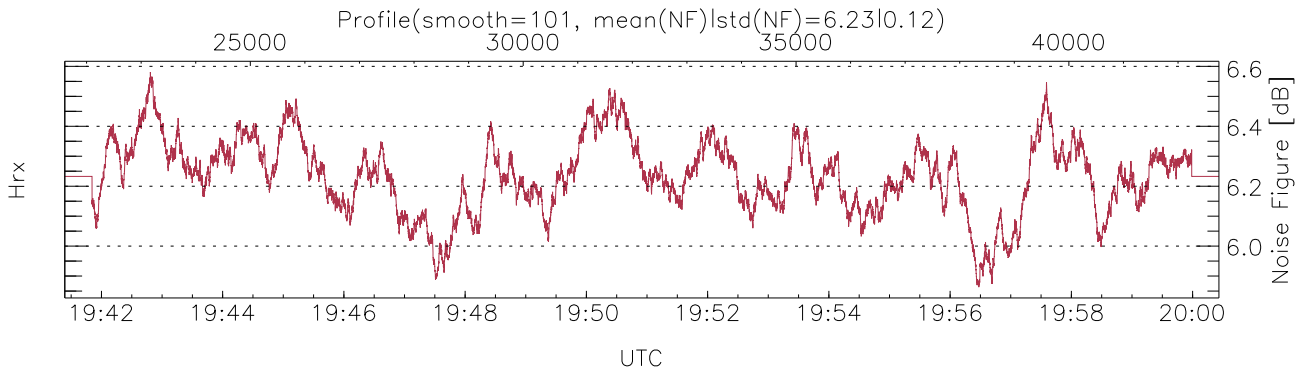
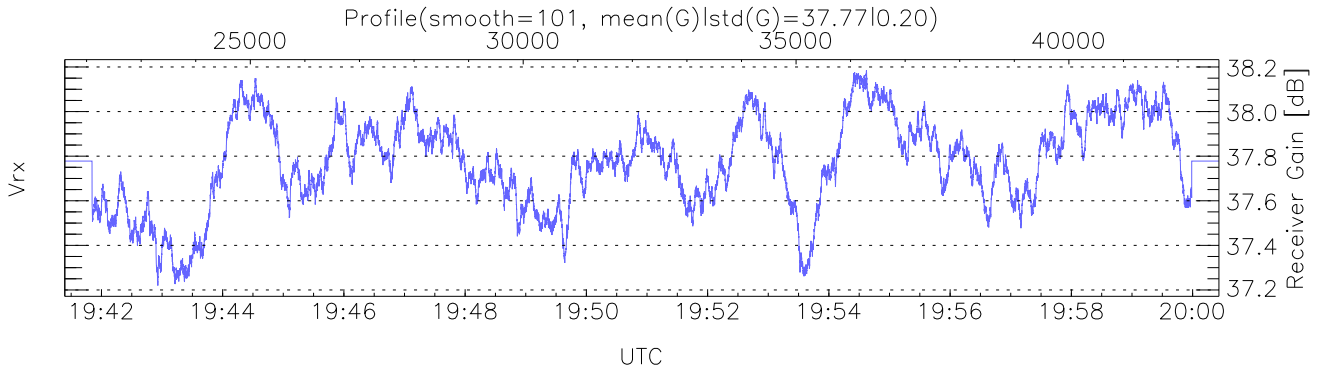
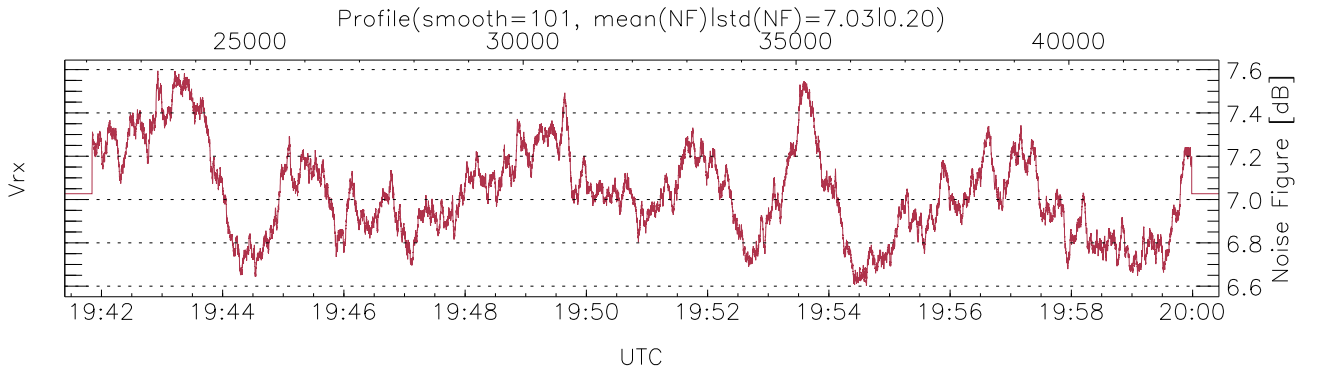
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:21:57-20:00:26, Dur: 2309.08s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21151/42751, 21600-42750/19:41:24-20:00:26
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



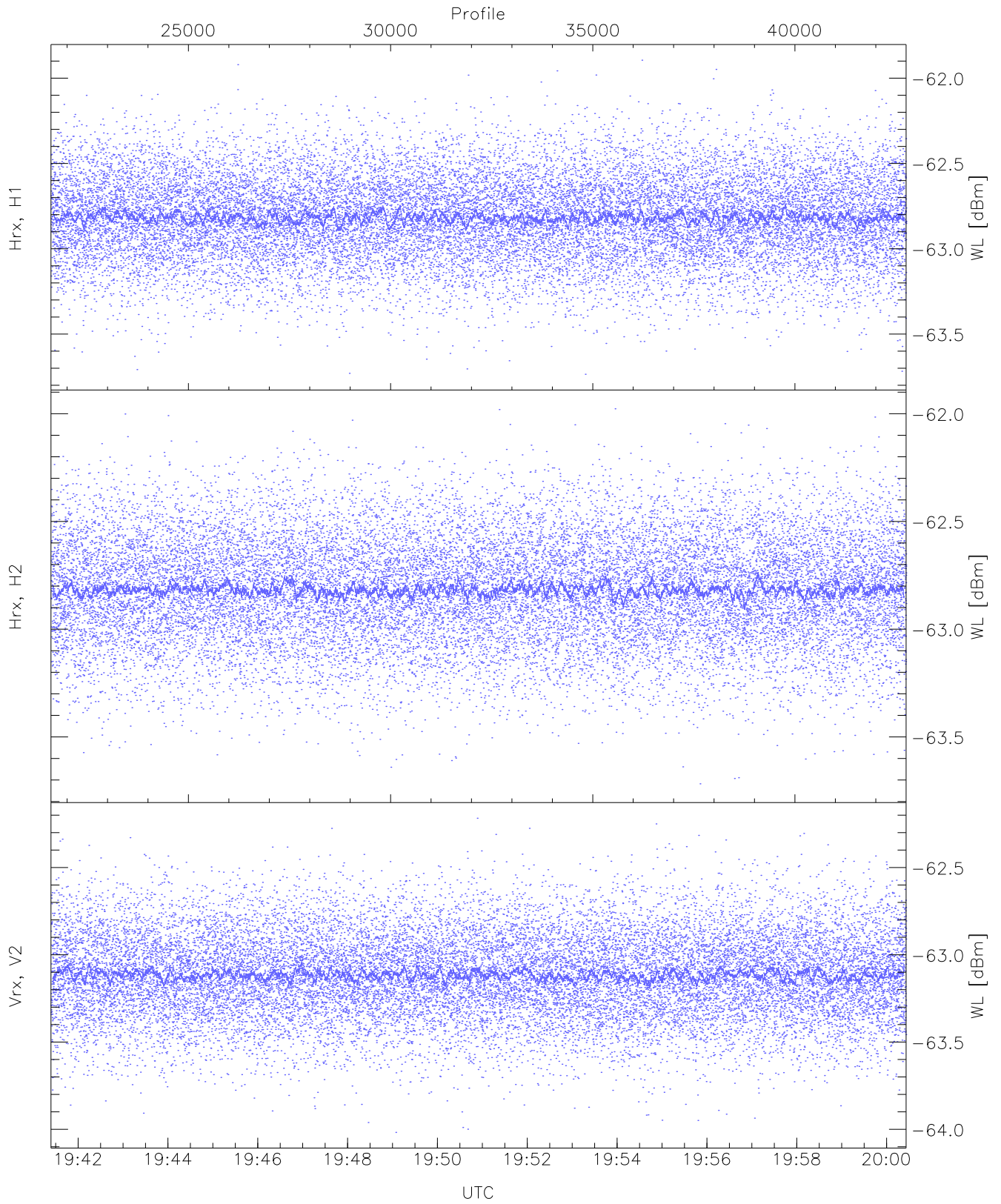
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,25,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,27,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,10,10,10,14)



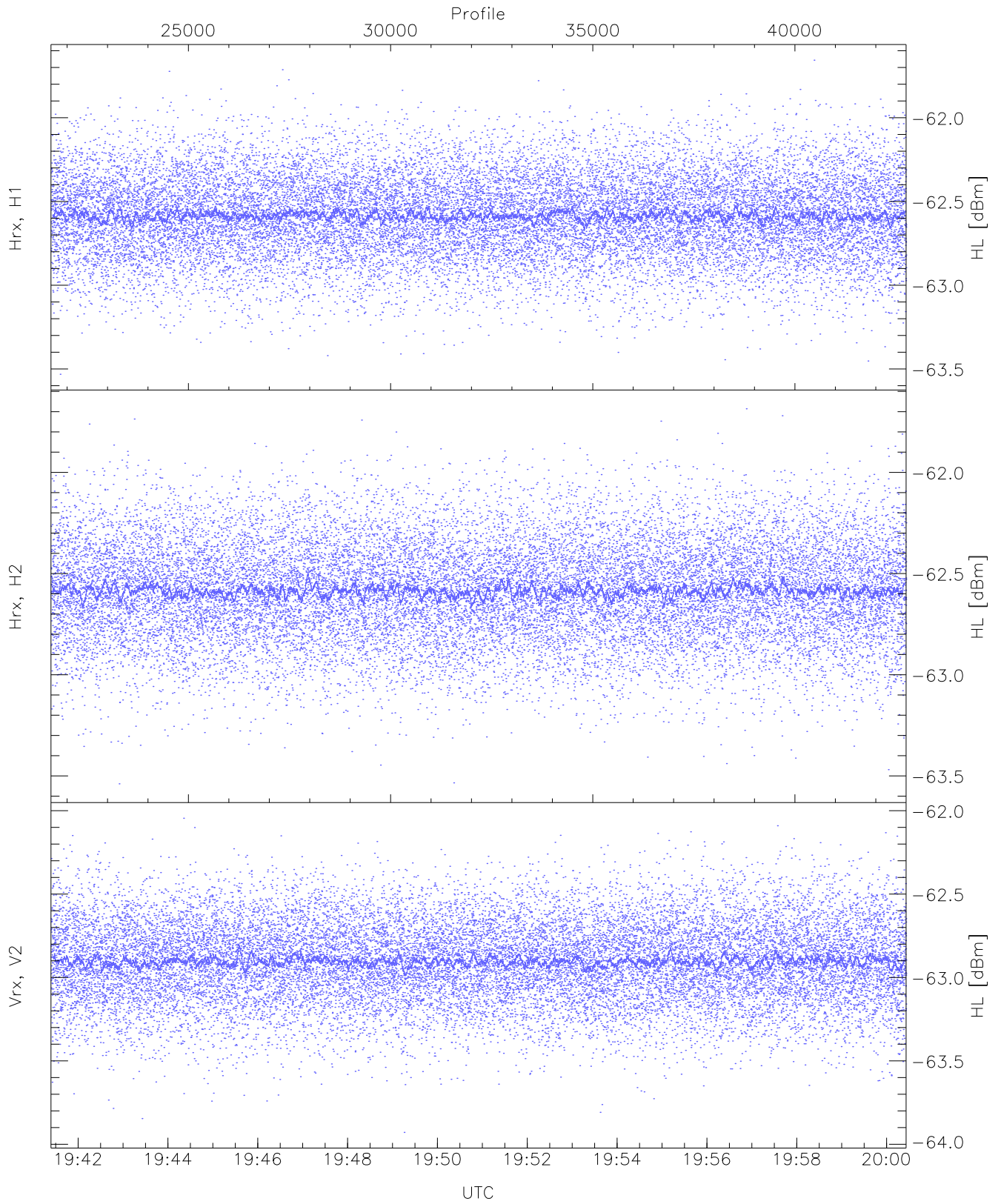
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1321 pixs, 55 gates, 1302 profs, 2 prods



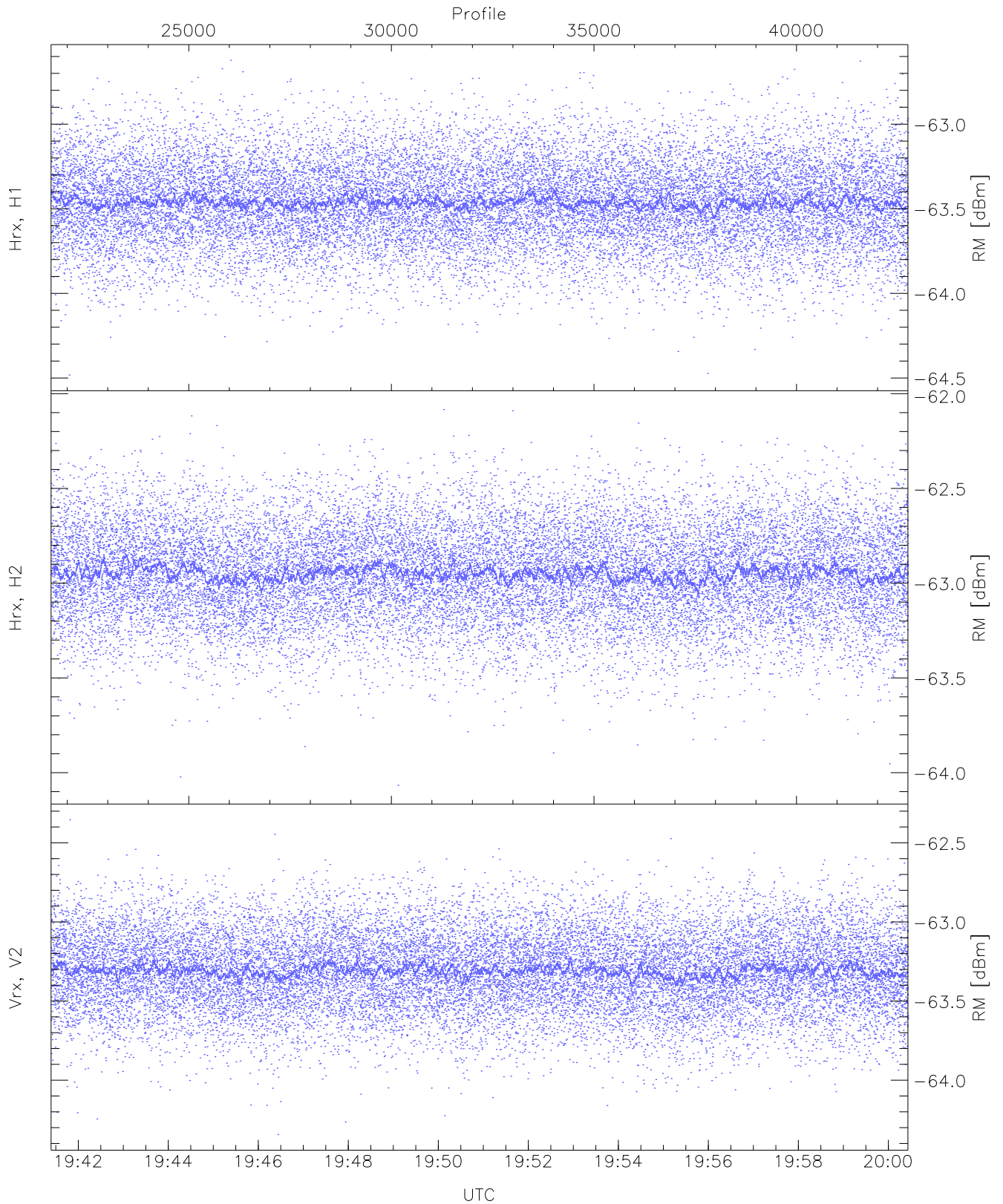
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.74	-61.89	-62.81	-62.82	-75.51
Hrx, H2(WL [dBm])	-63.72	-61.98	-62.81	-62.82	-75.52
Vrx, V2(WL [dBm])	-64.02	-62.22	-63.11	-63.12	-75.84



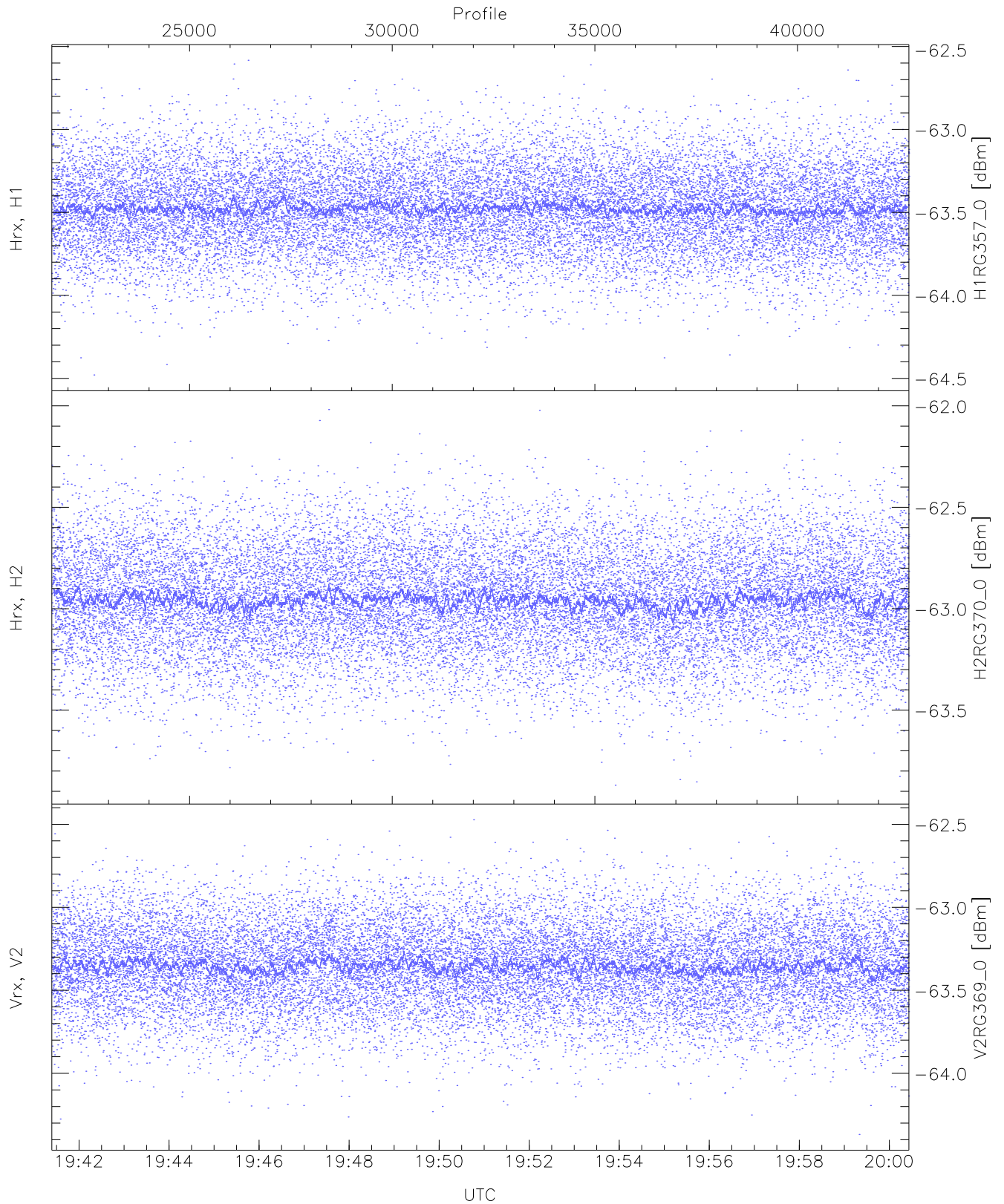
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.53	-61.66	-62.58	-62.59	-75.29
Hrx, H2 (HL [dBm])	-63.54	-61.69	-62.58	-62.59	-75.29
Vrx, V2 (HL [dBm])	-63.93	-62.05	-62.90	-62.90	-75.62



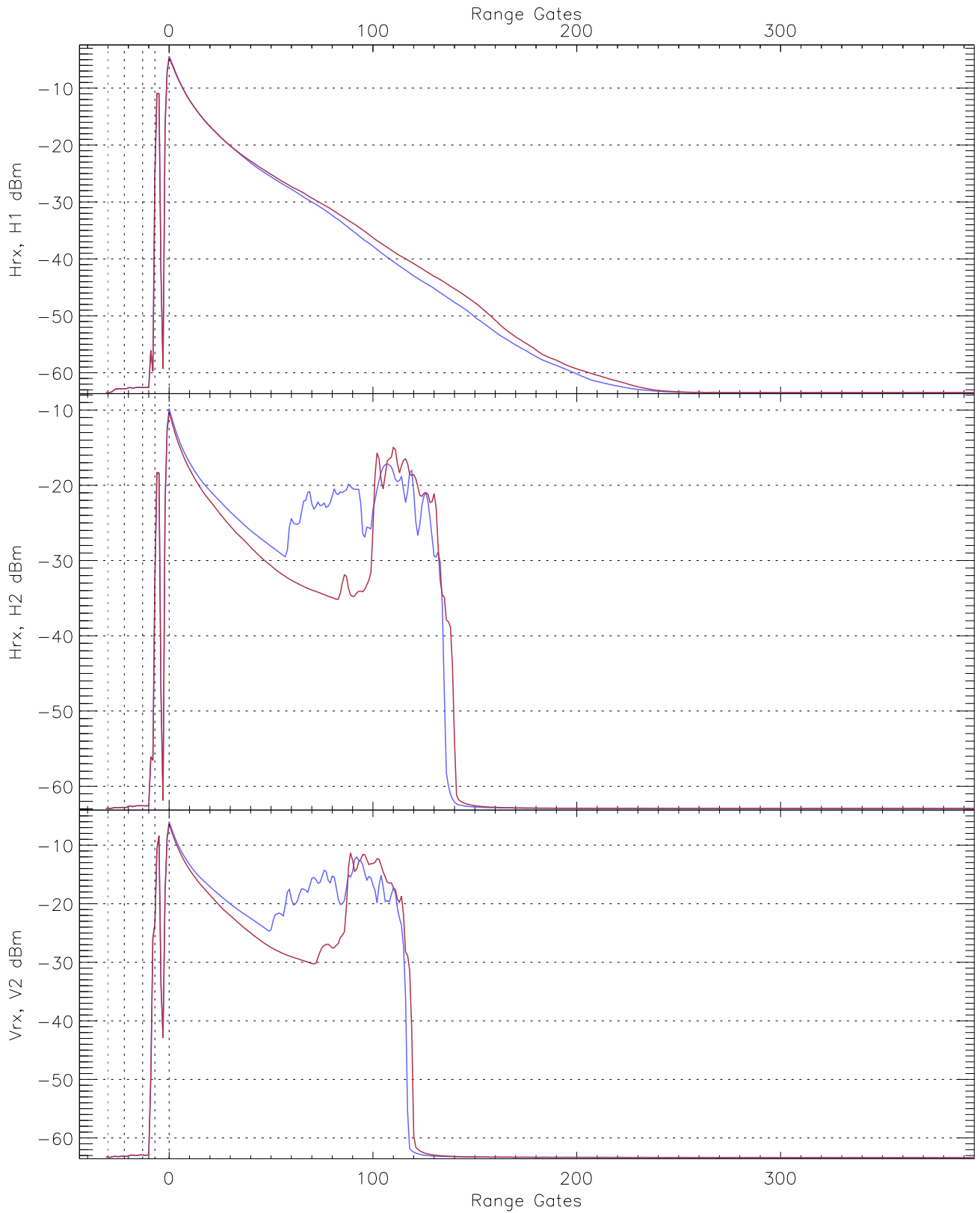
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.48	-62.62	-63.46	-63.46	-76.17
Hrx, H2 (RM [dBm])	-64.07	-62.08	-62.95	-62.95	-75.67
Vrx, V2 (RM [dBm])	-64.34	-62.35	-63.31	-63.31	-76.01

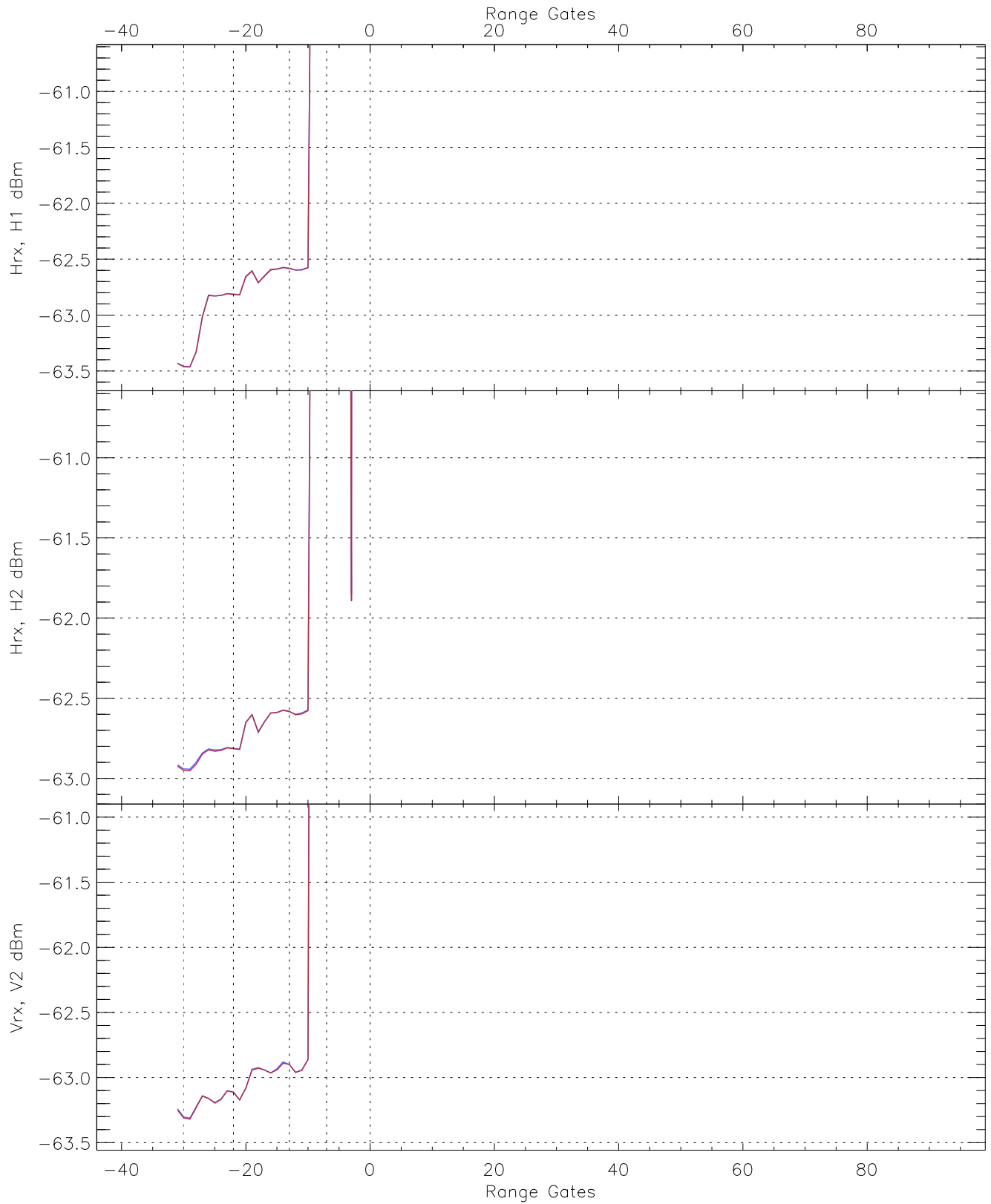


WCR2 CPP "Best" estimate Receivers Noise Power

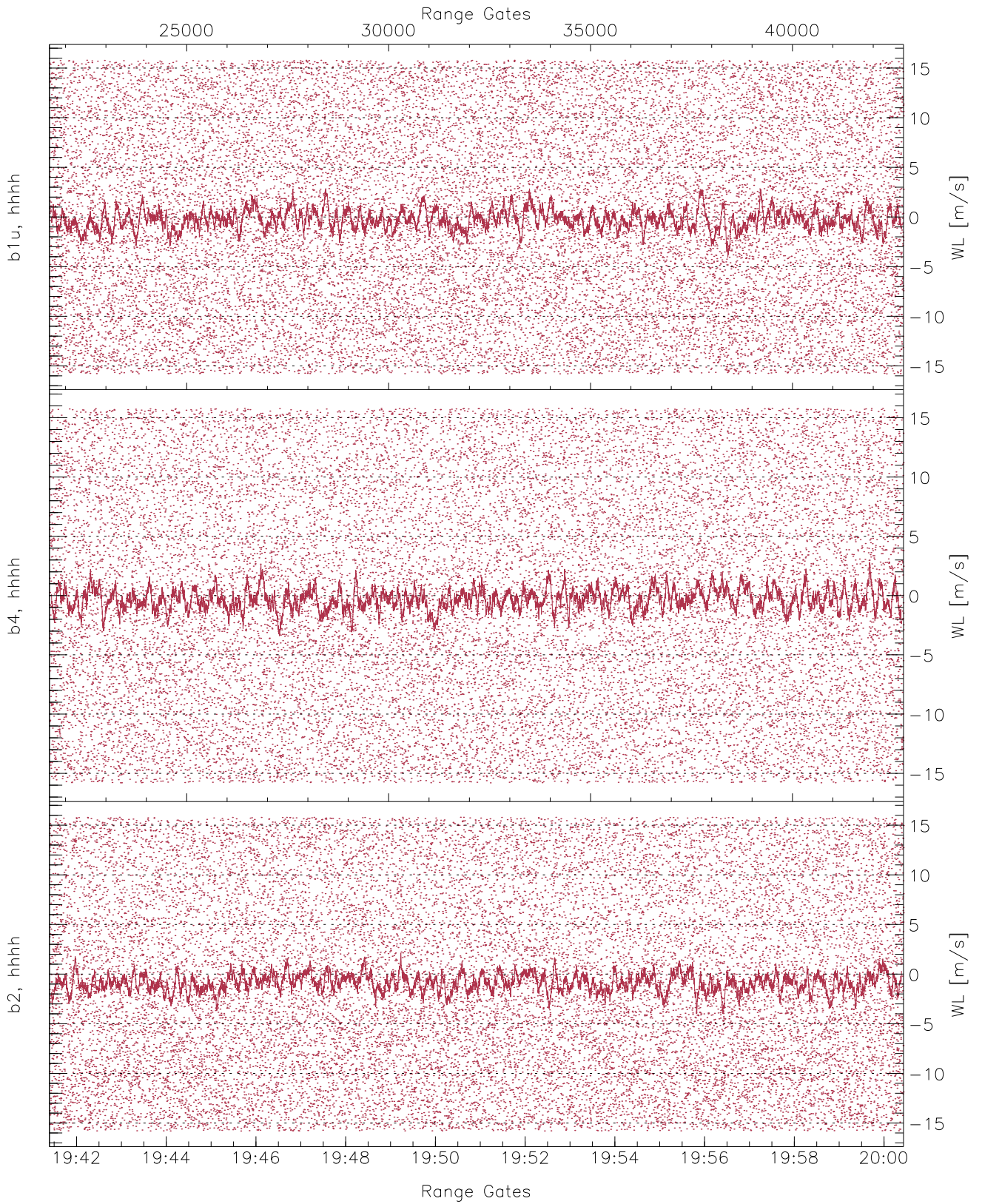
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.48	-62.58	-63.47	-63.48	-76.15
H2RG370_0 [dBm]	-63.87	-62.02	-62.96	-62.96	-75.63
V2RG369_0 [dBm]	-64.37	-62.47	-63.35	-63.36	-76.03



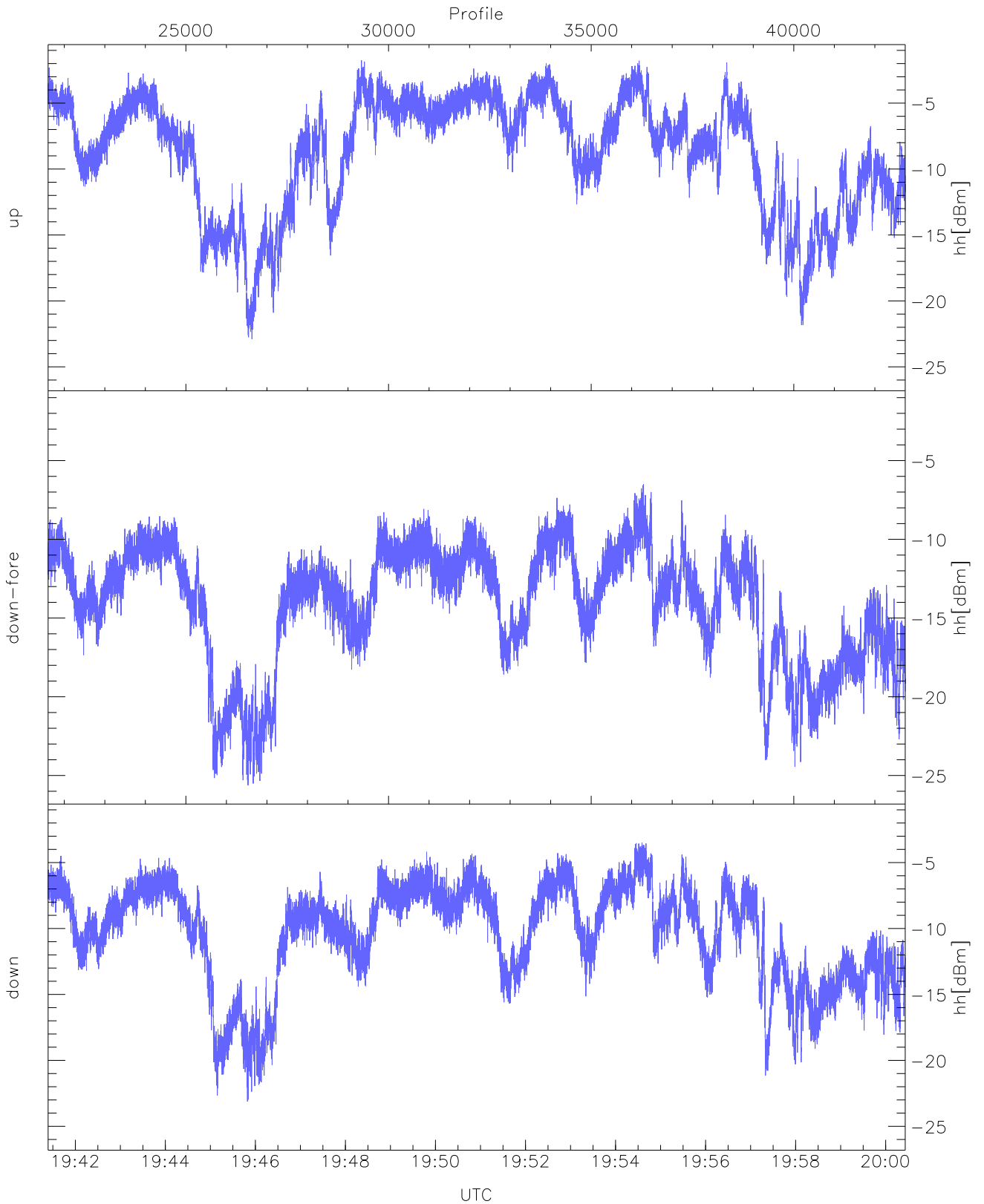
WCR2 CPP Averaged Received power for all recorded gates
blue: 194124-195055, 10576 profiles averaged
red: 195055-200026, 10576 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 194124-195055, 10576 profiles averaged
red: 195055-200026, 10576 profiles averaged

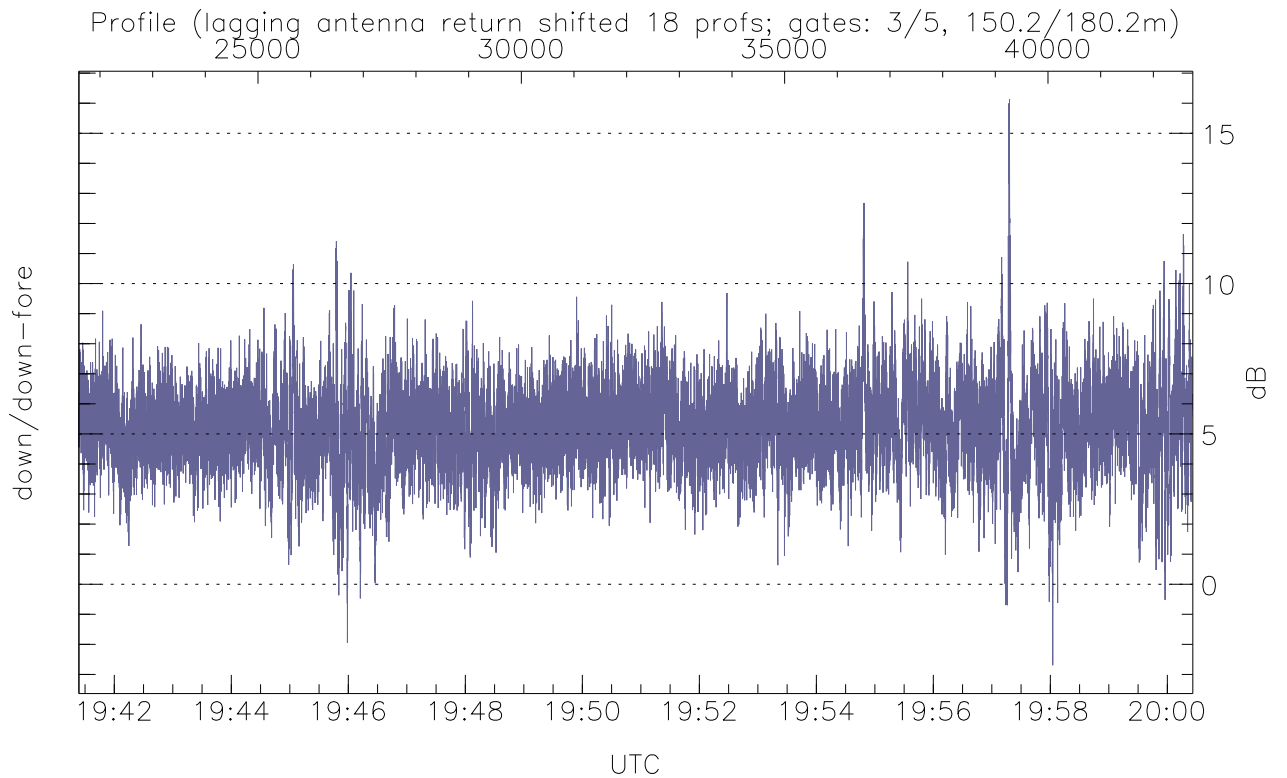
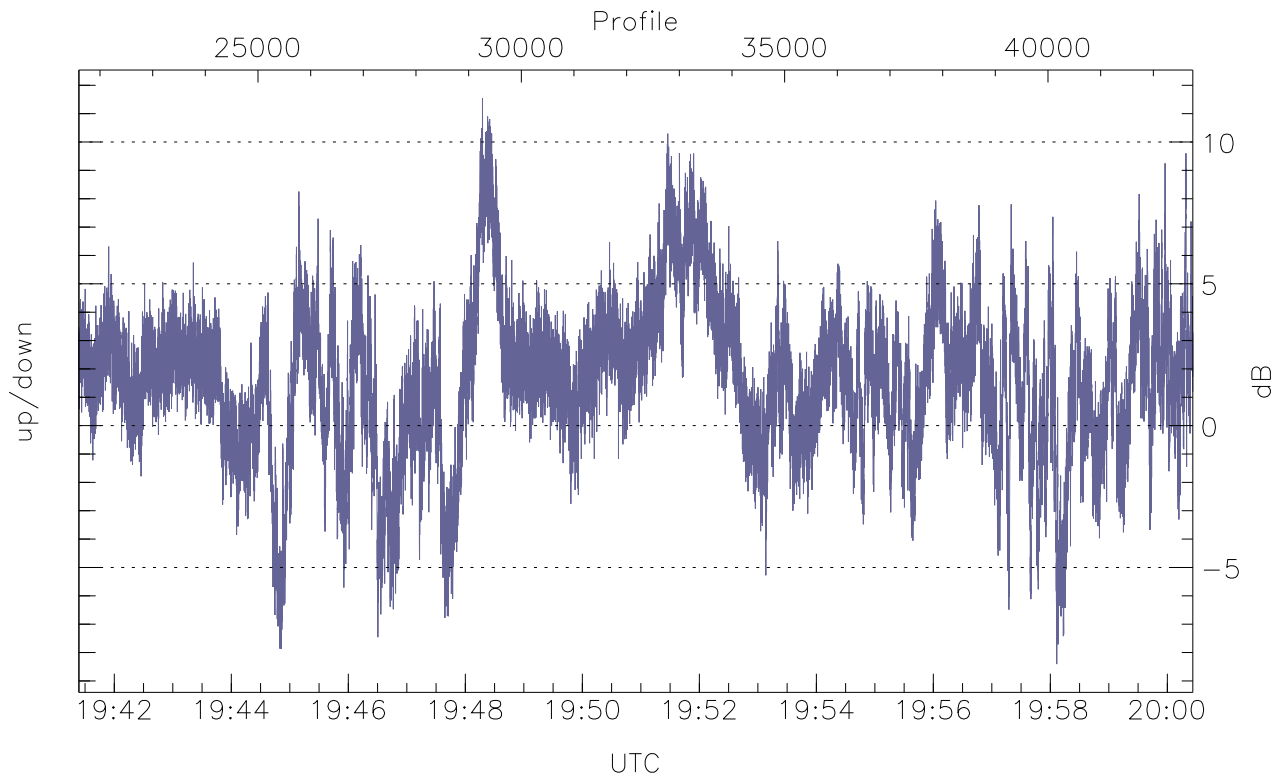


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



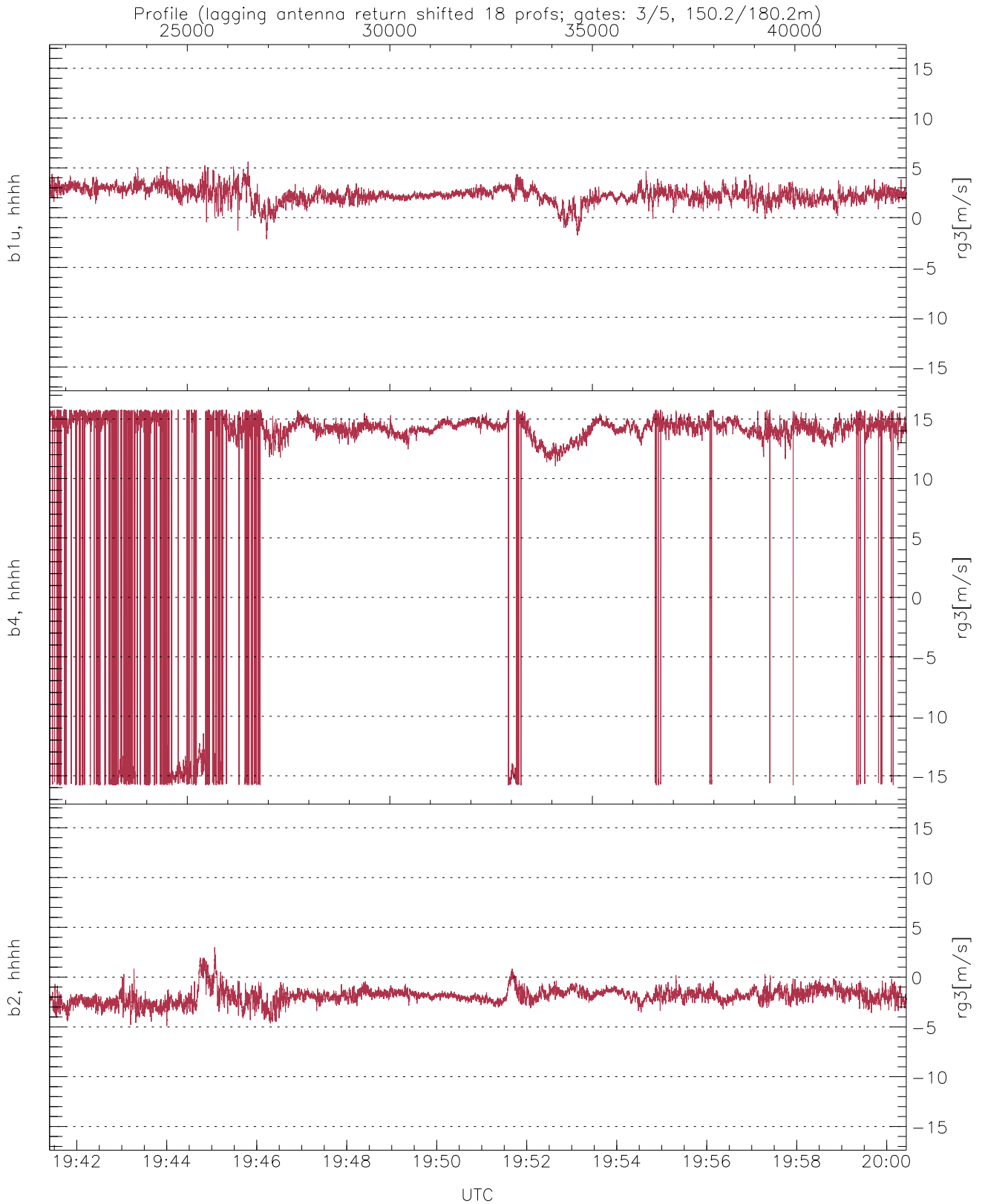
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-22.89	-1.75	-7.15
down-fore(hh[dBm])	-25.62	-6.50	-12.85
down(hh[dBm])	-23.12	-3.48	-9.12



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-8.41	11.54	1.63
down/down-fore (dB)	-2.70	16.12	5.25



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-2.16	5.64	2.27	0.80
b4, hhhh(rg3[m/s])	-15.80	15.80	11.26	8.97
b2, hhhh(rg3[m/s])	-4.91	2.98	-1.92	0.76