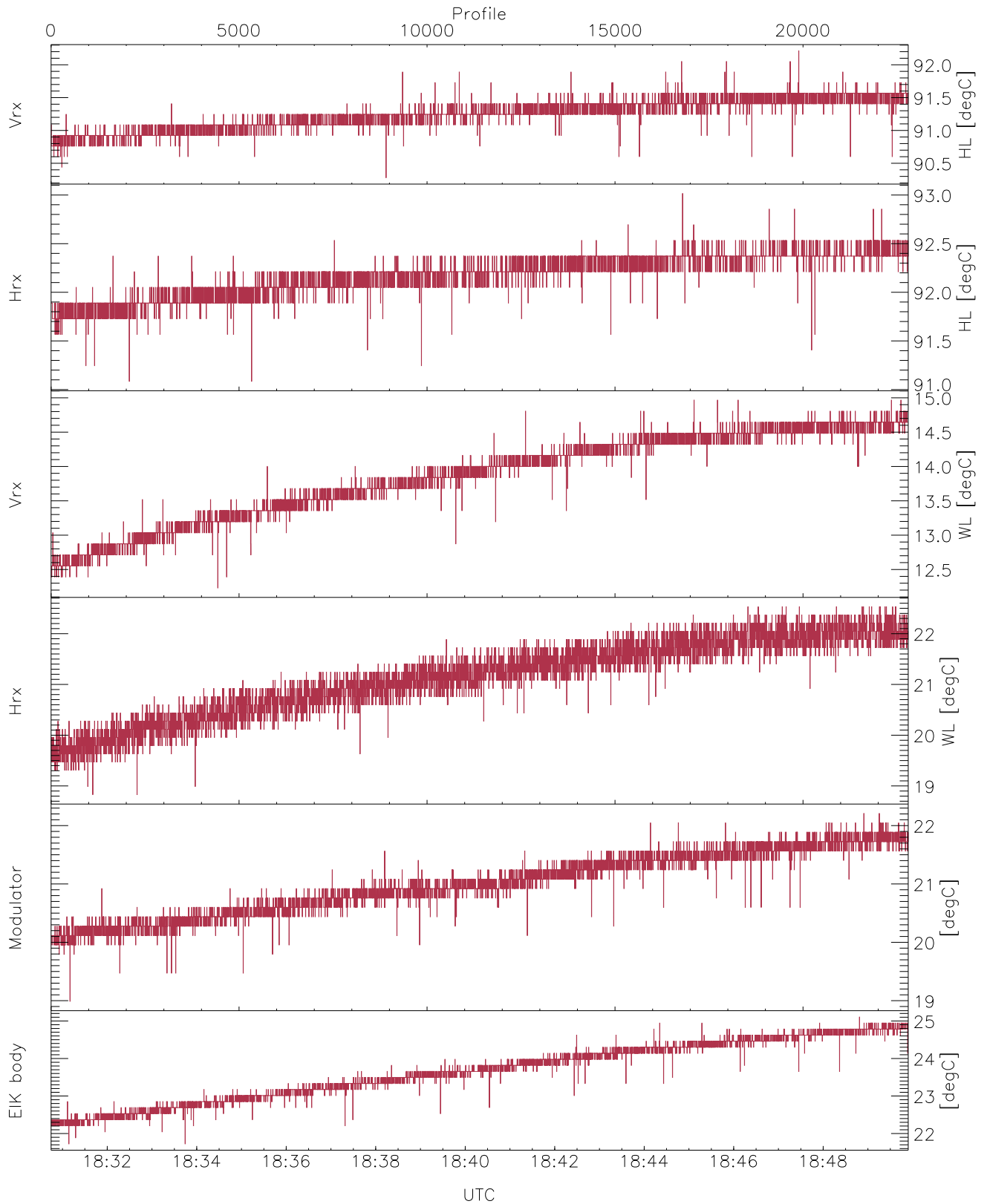


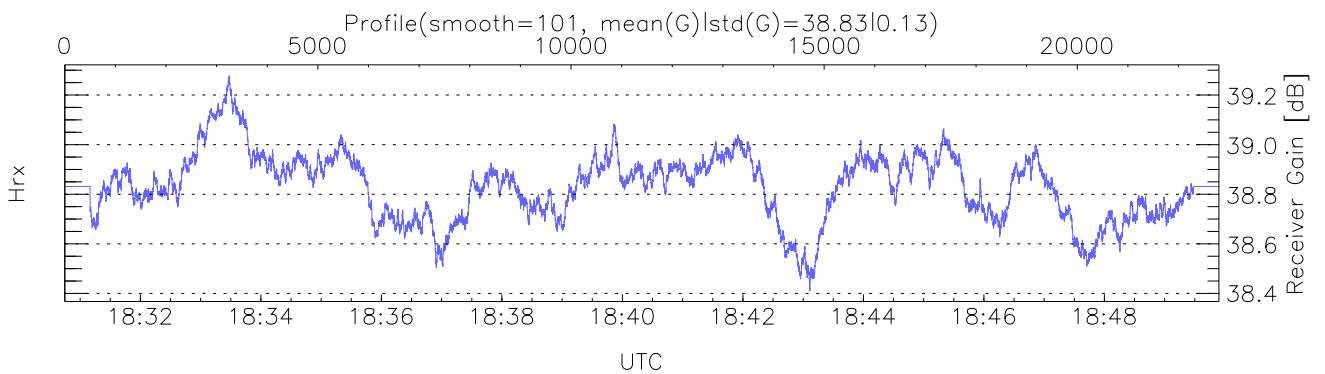
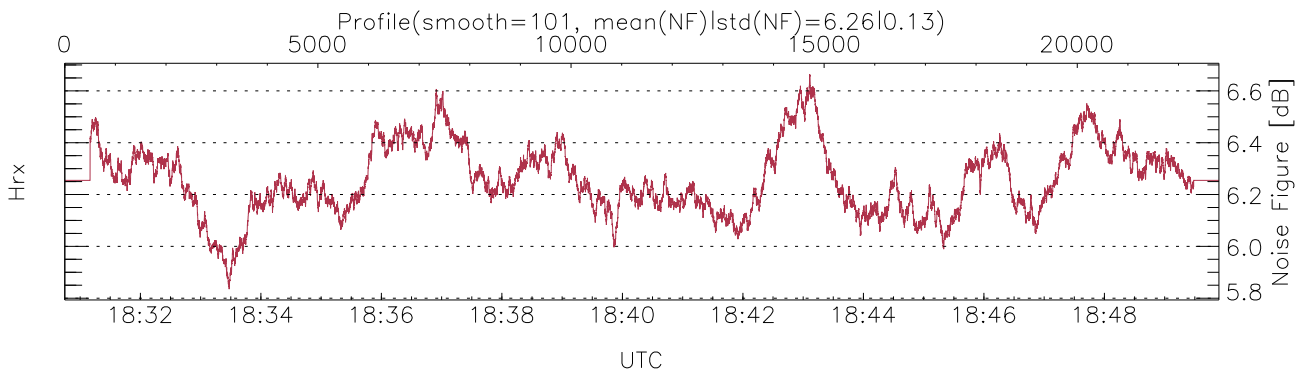
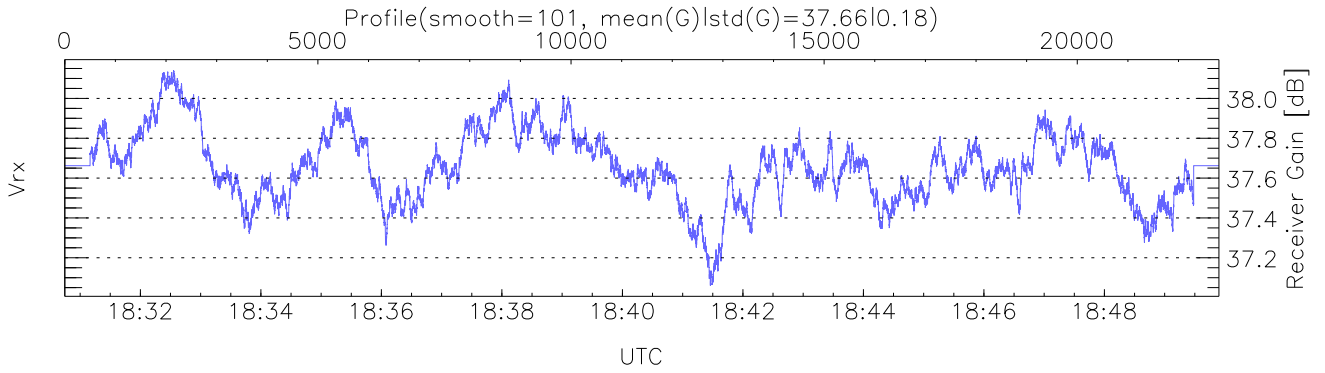
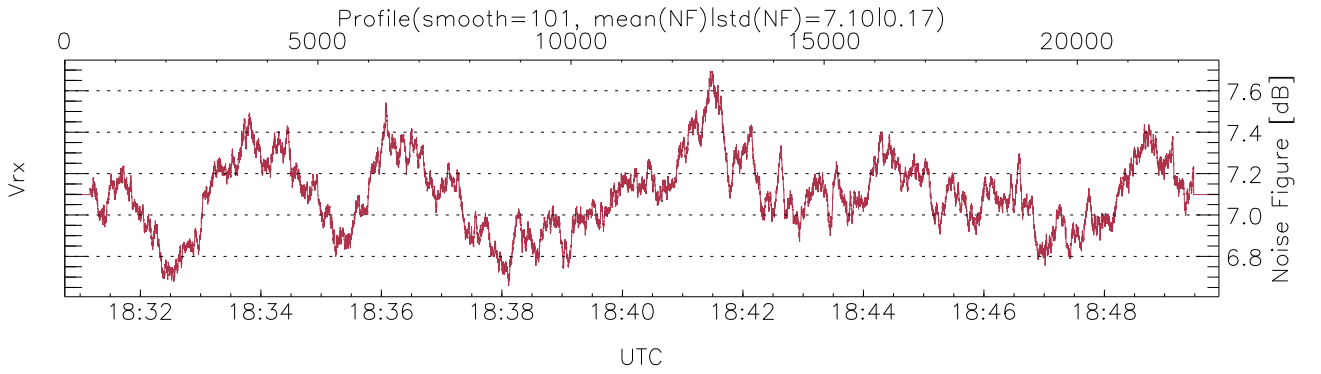
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:30:45-19:05:56, Dur: 2111.23s
 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): 22800/41880, 0-22799/18:30:45-18:49:54
 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



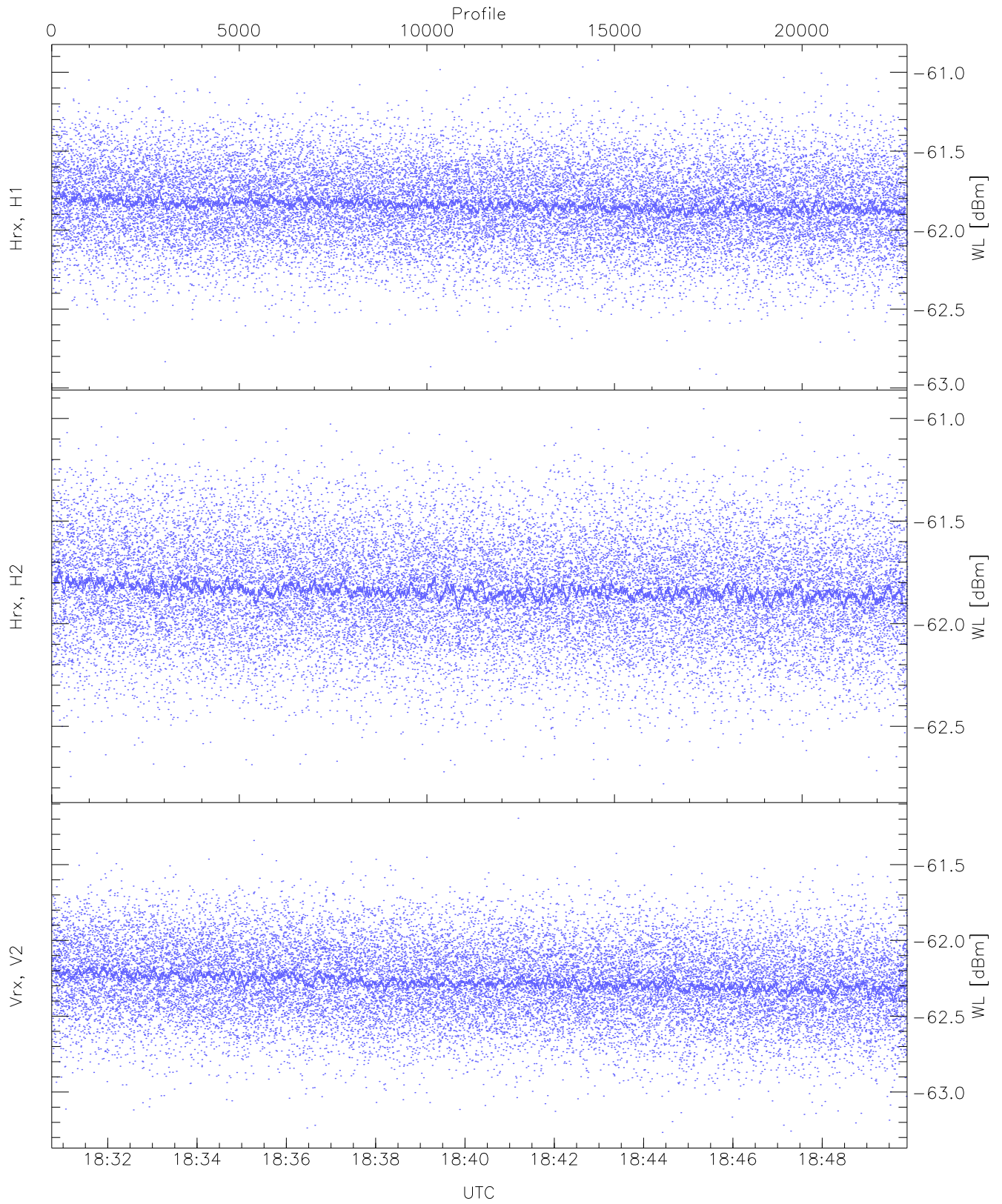
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,18,18,21
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,14,22,22,25
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,6,6,6,5)



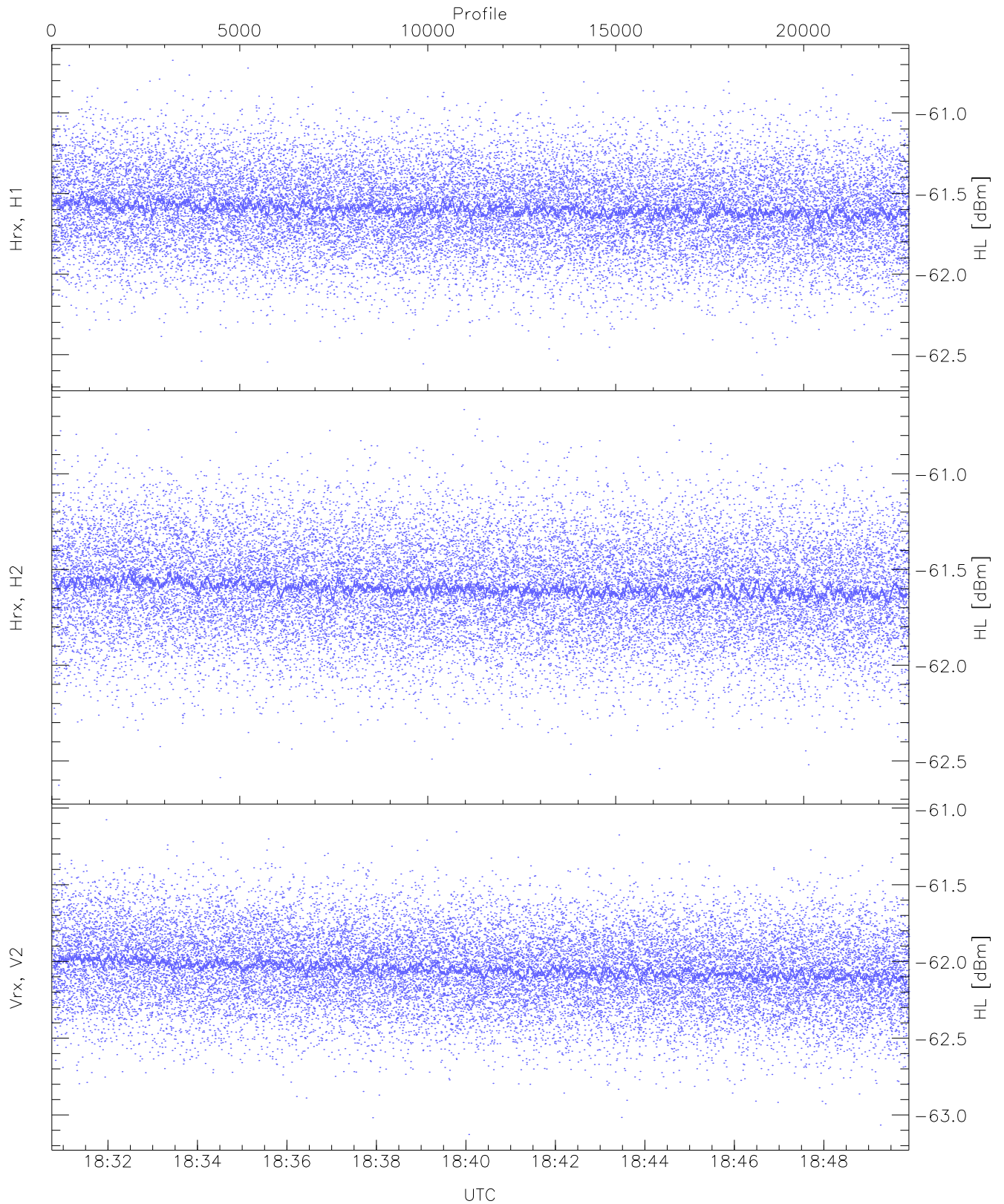
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 15878 pixs, 8 gates, 15581 profs, 1 prods



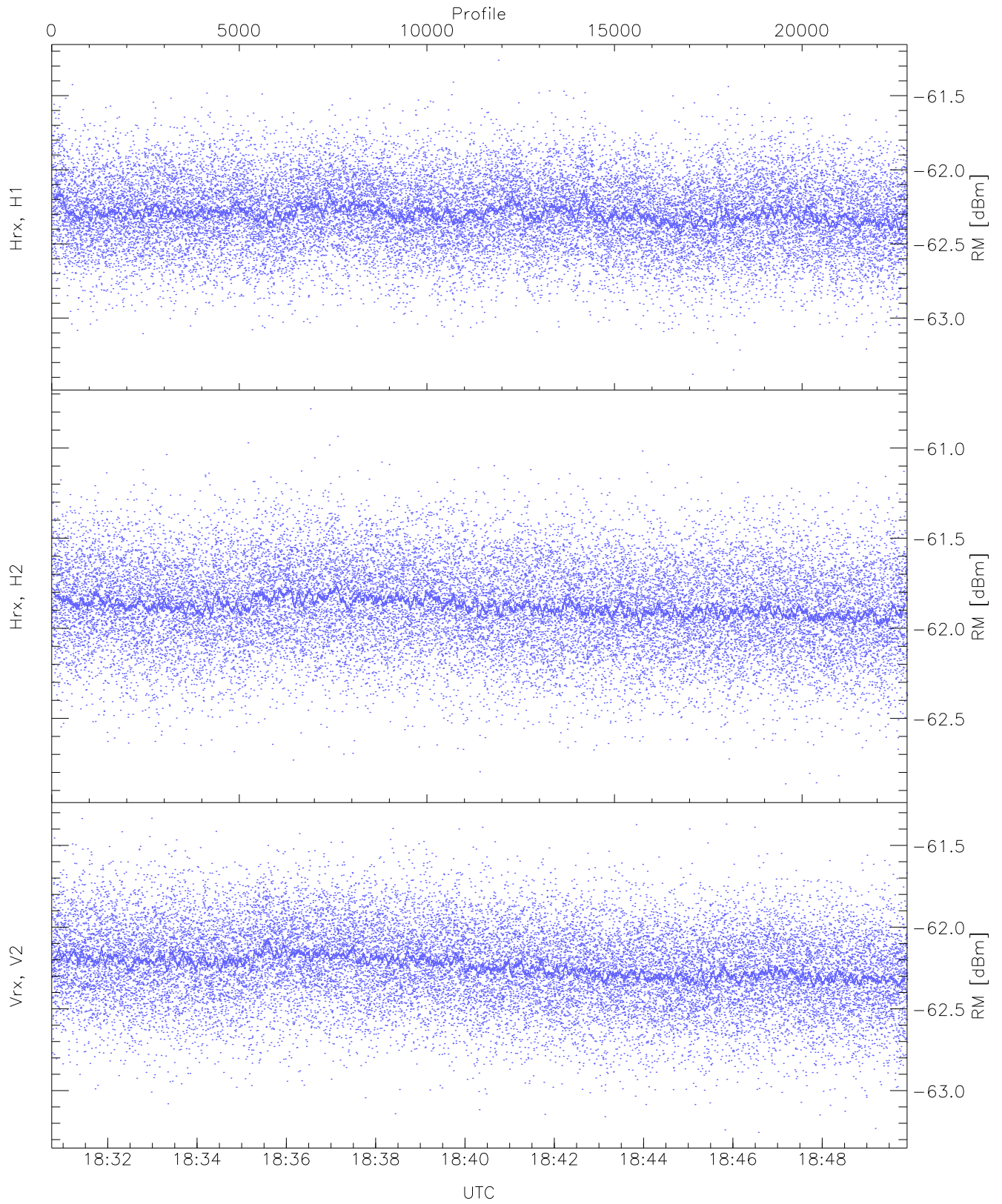
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.91	-60.92	-61.84	-61.84	-74.41
Hrx, H2 (WL [dBm])	-62.78	-60.95	-61.84	-61.84	-74.38
Vrx, V2 (WL [dBm])	-63.27	-61.19	-62.27	-62.28	-74.77



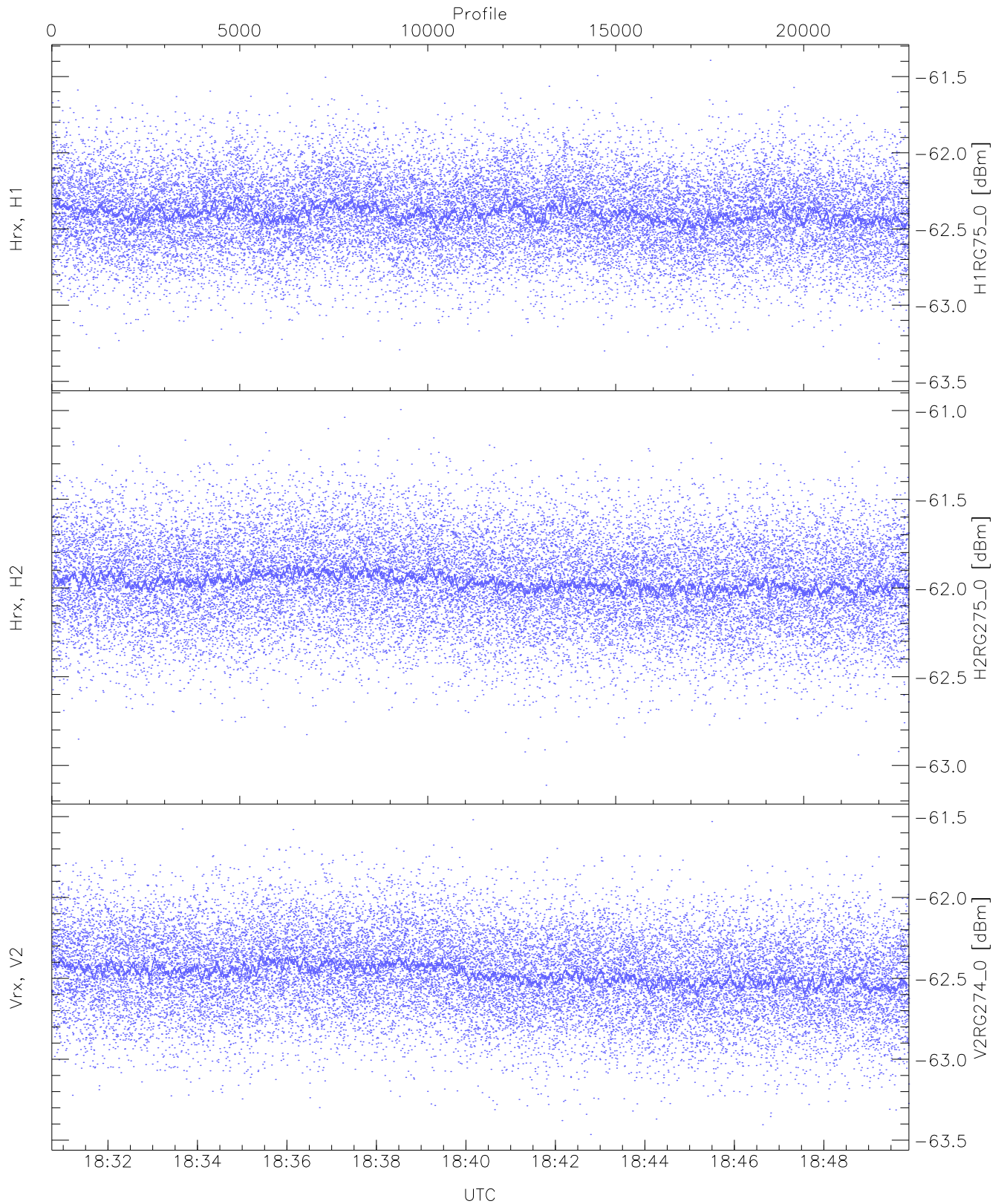
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.63	-60.67	-61.59	-61.60	-74.14
Hrx, H2 (HL [dBm])	-62.63	-60.66	-61.59	-61.60	-74.13
Vrx, V2 (HL [dBm])	-63.13	-61.08	-62.05	-62.05	-74.60



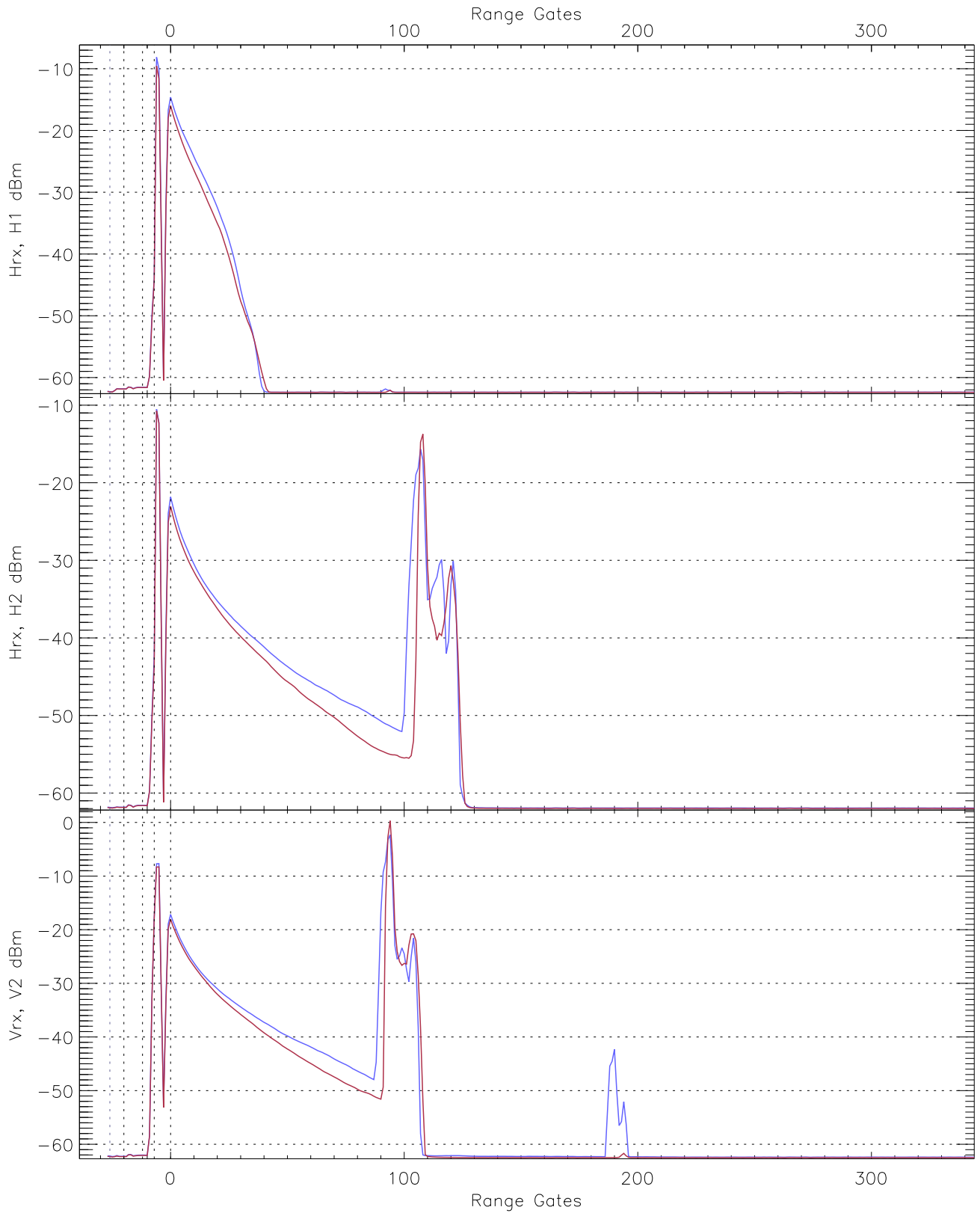
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.38	-61.26	-62.29	-62.30	-74.80
Hrx, H2 (RM [dBm])	-62.86	-60.78	-61.88	-61.88	-74.42
Vrx, V2 (RM [dBm])	-63.26	-61.33	-62.24	-62.24	-74.68

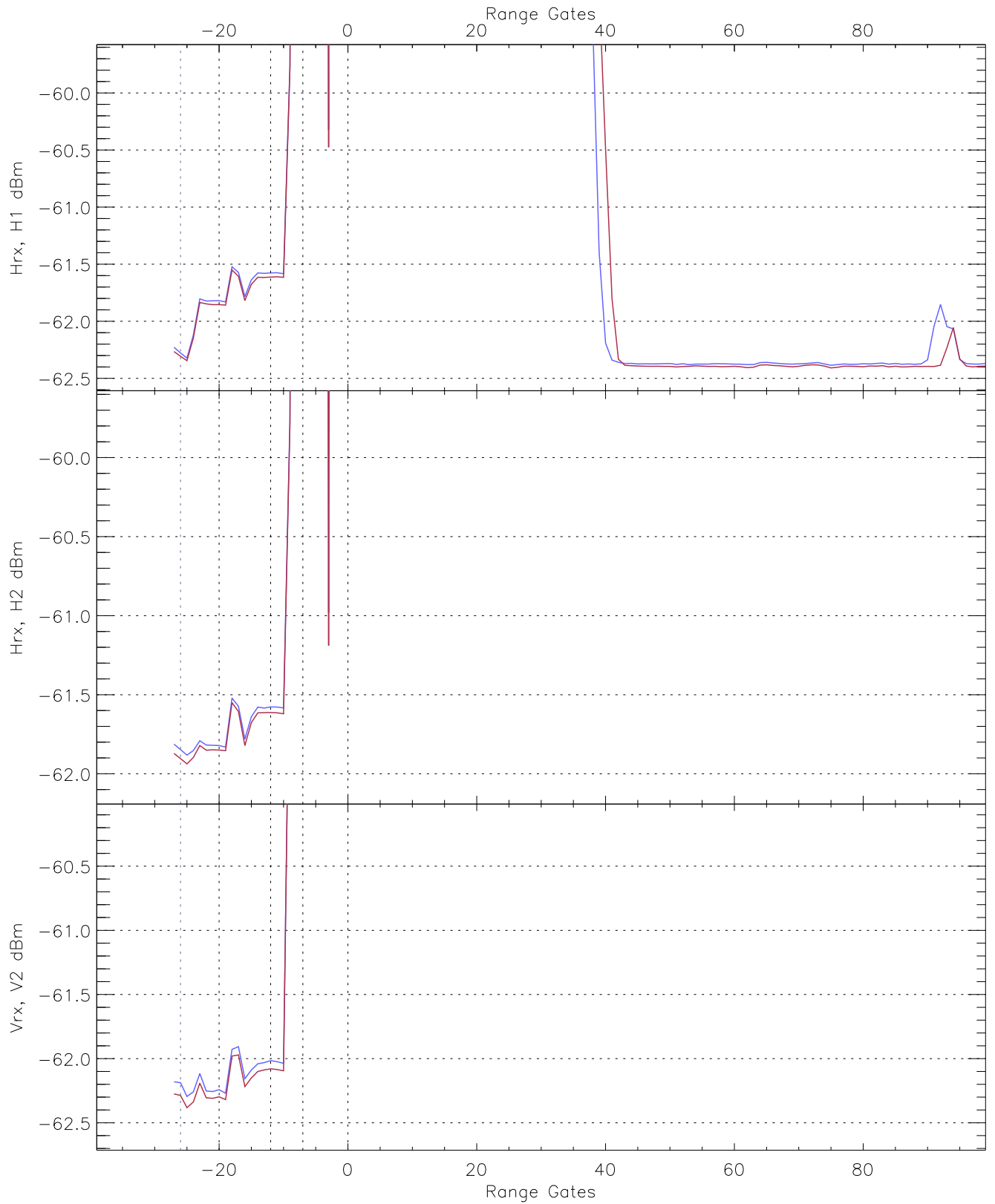


WCR2 CPP "Best" estimate Receivers Noise Power

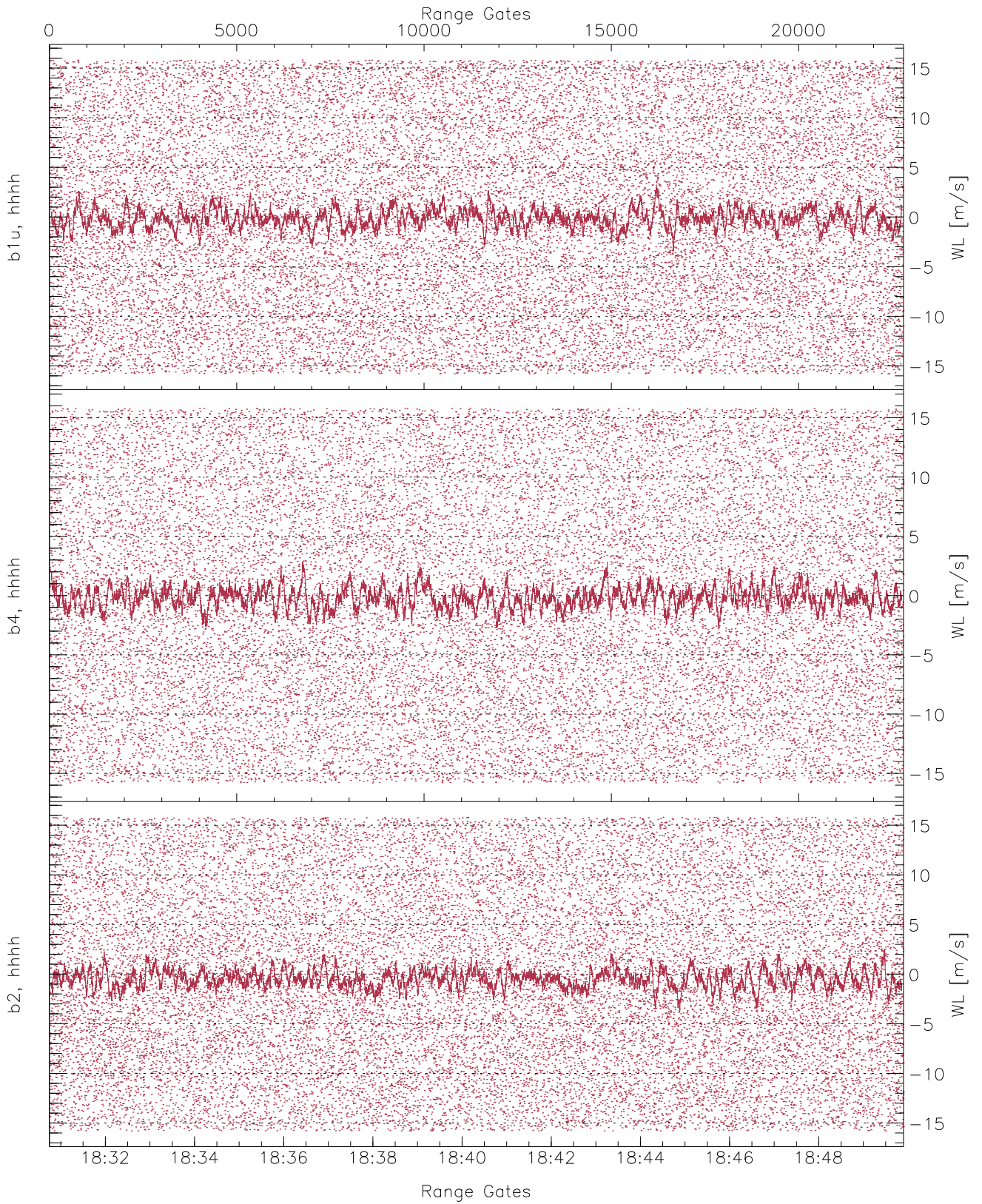
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.46	-61.39	-62.40	-62.40	-74.92
H2RG275_0 [dBm]	-63.11	-60.99	-61.96	-61.97	-74.48
V2RG274_0 [dBm]	-63.46	-61.52	-62.47	-62.47	-74.93



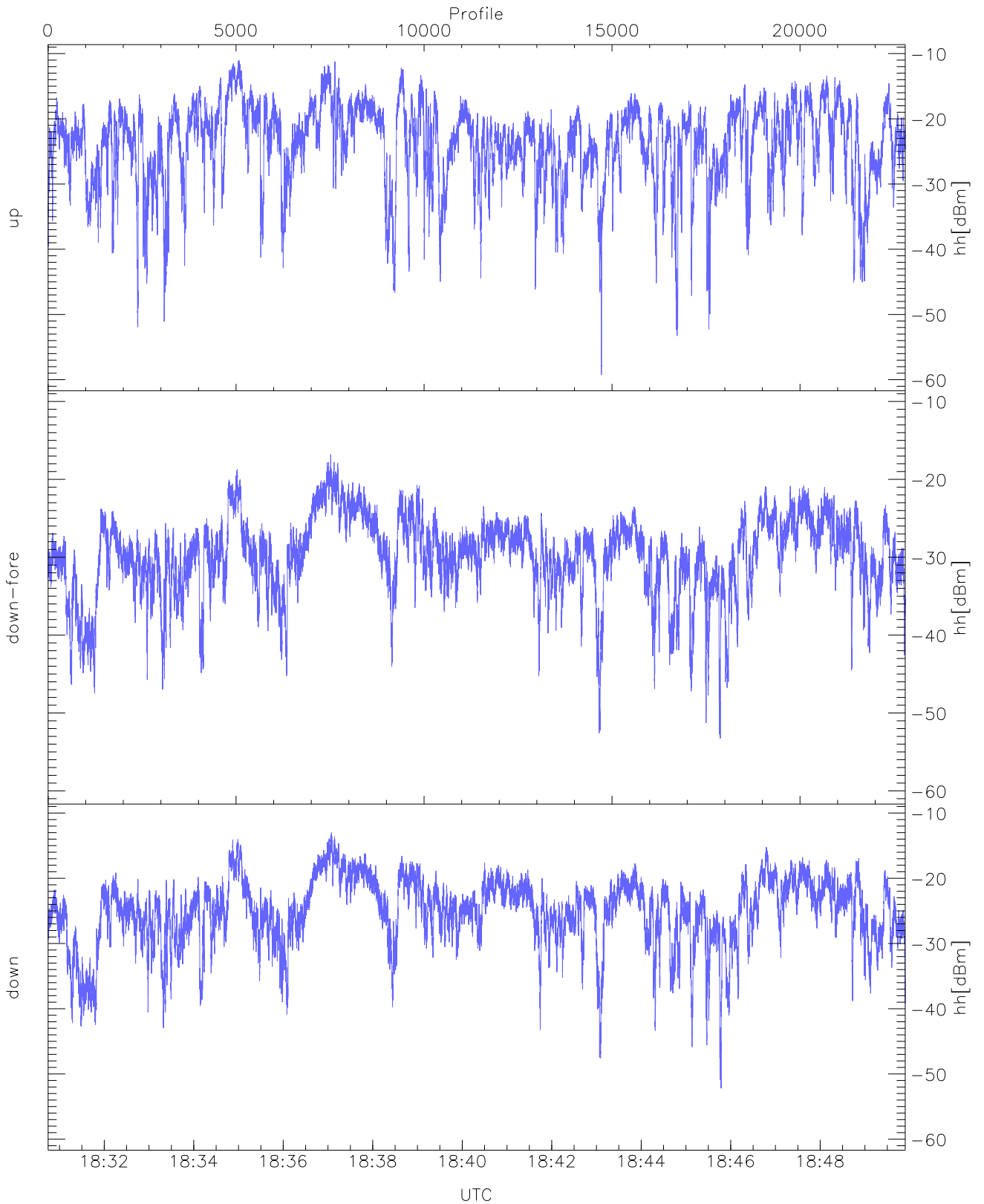
WCR2 CPP Averaged Received power for all recorded gates
blue: 183045-184019, 11401 profiles averaged
red: 184019-184954, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 183045-184019, 11401 profiles averaged
red: 184019-184954, 11400 profiles averaged

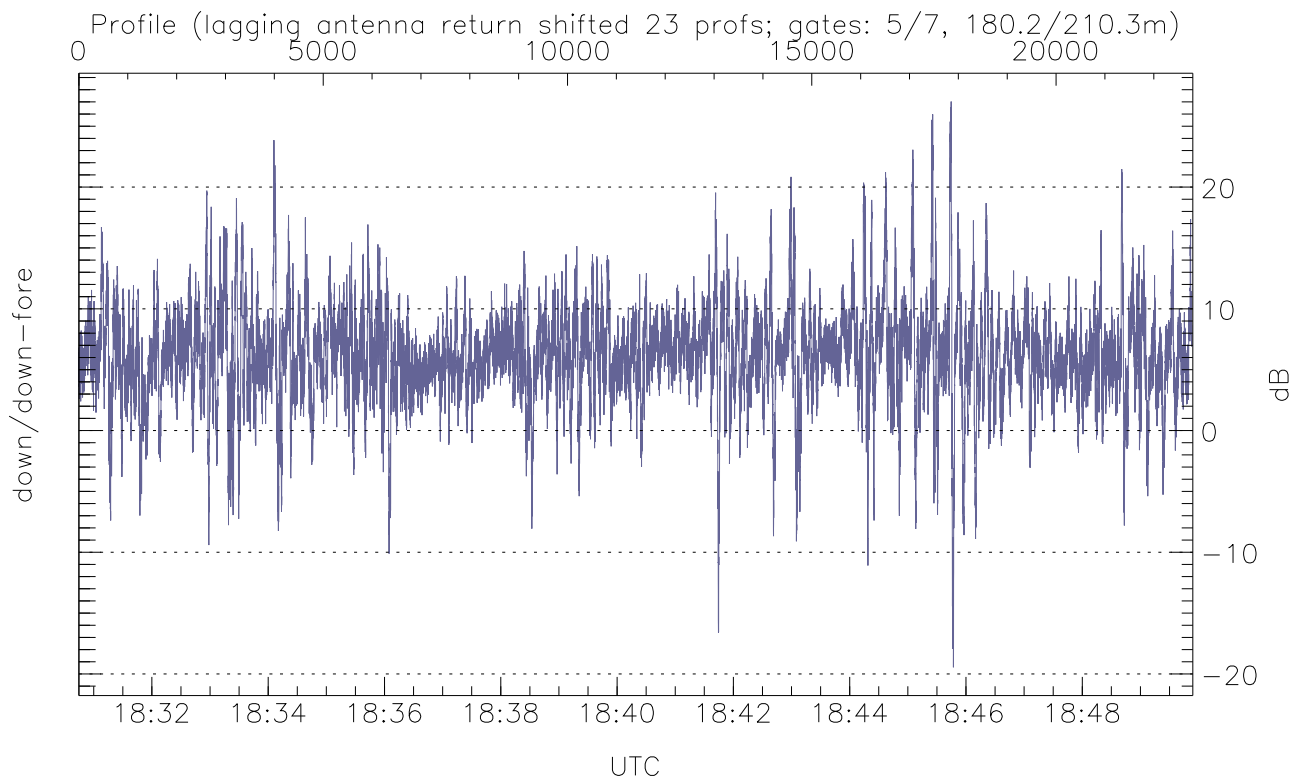
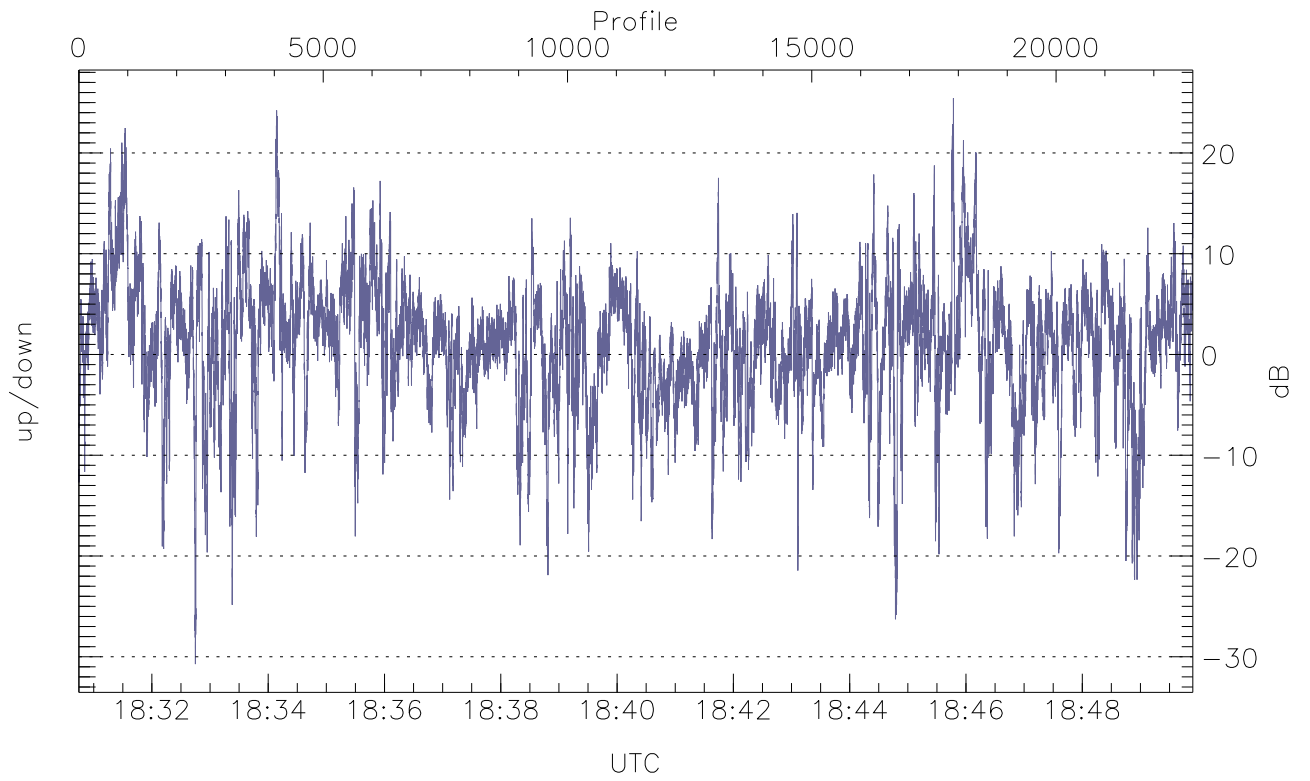


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



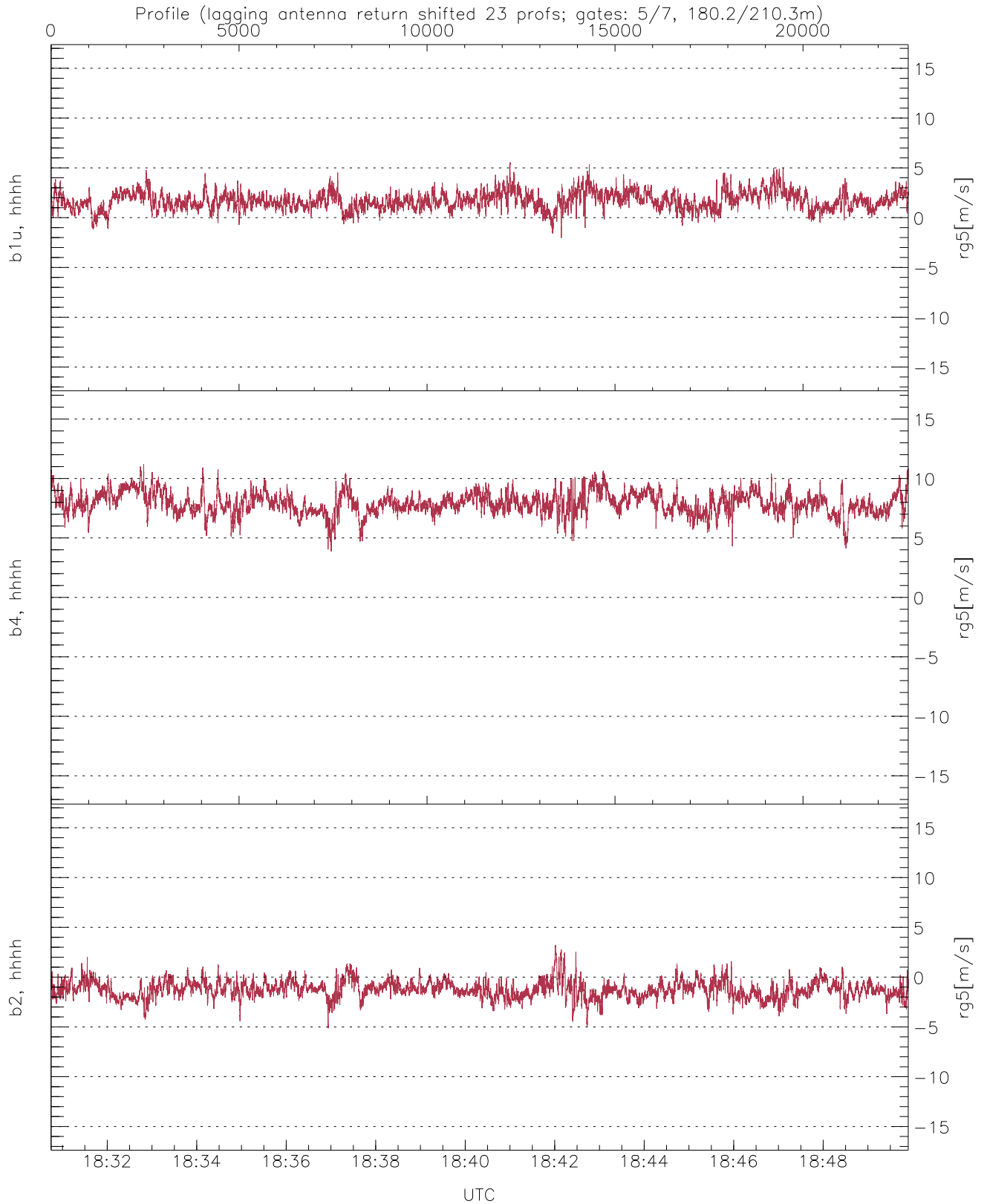
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-59.28	-11.03	-20.93
down-fore(hh[dBm])	-53.26	-16.79	-27.54
down(hh[dBm])	-52.21	-12.98	-22.83



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

	Min	Max	Mean
up/down (dB)	-30.73	25.43	1.14
down/down-fore (dB)	-19.45	27.03	6.22



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.04	5.55	1.71	0.88
b4, hhhh(rg5[m/s])	3.87	11.20	7.92	0.93
b2, hhhh(rg5[m/s])	-5.13	3.21	-1.24	0.86