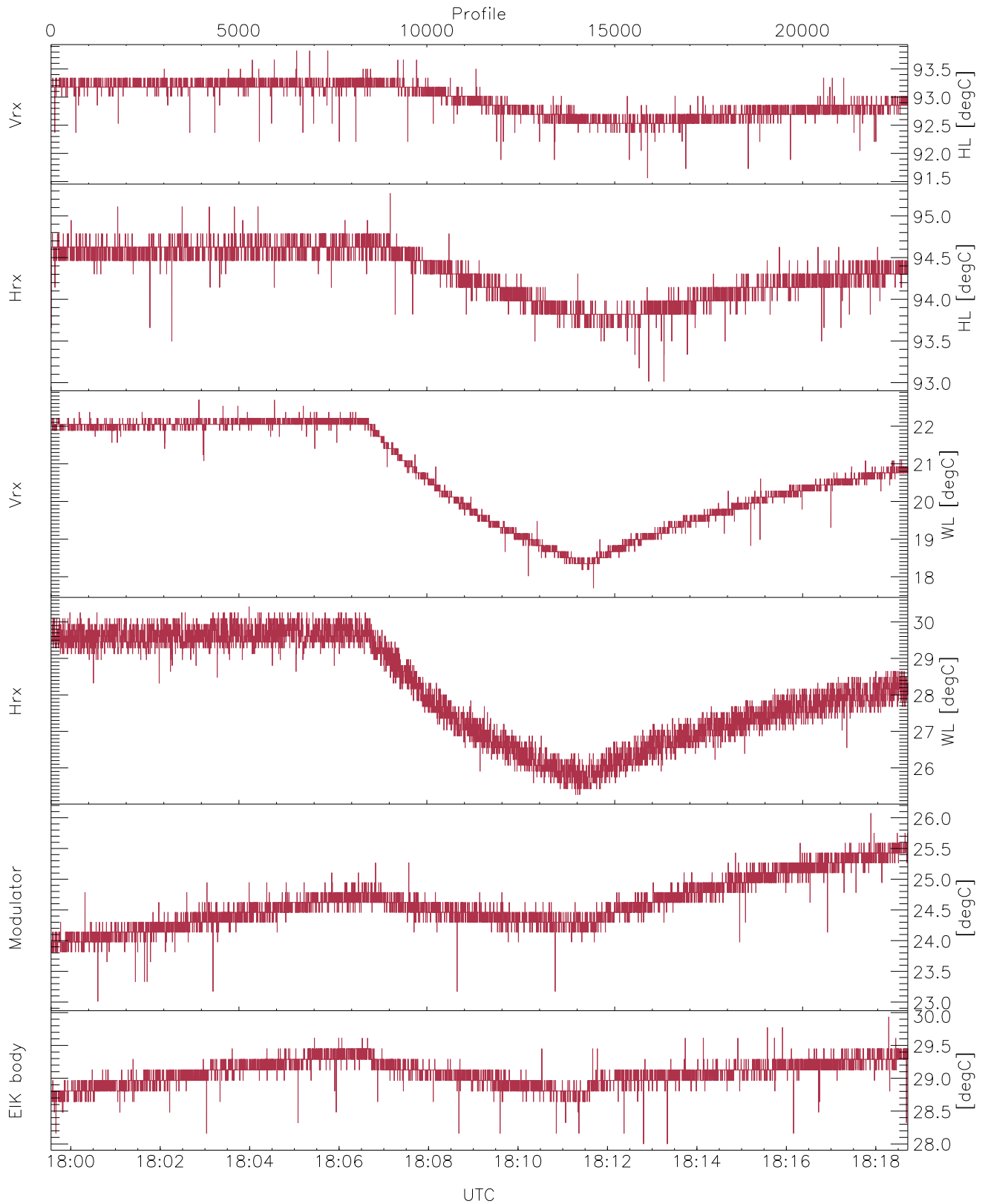


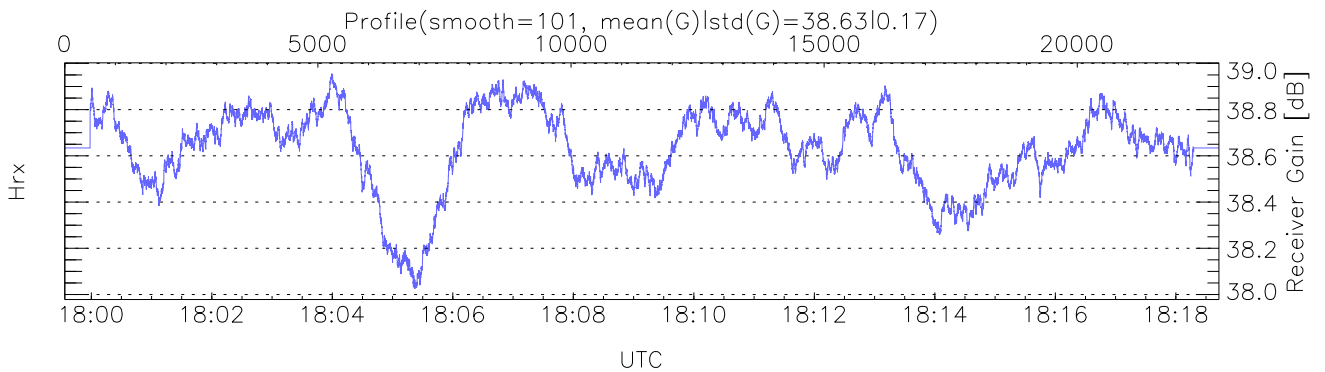
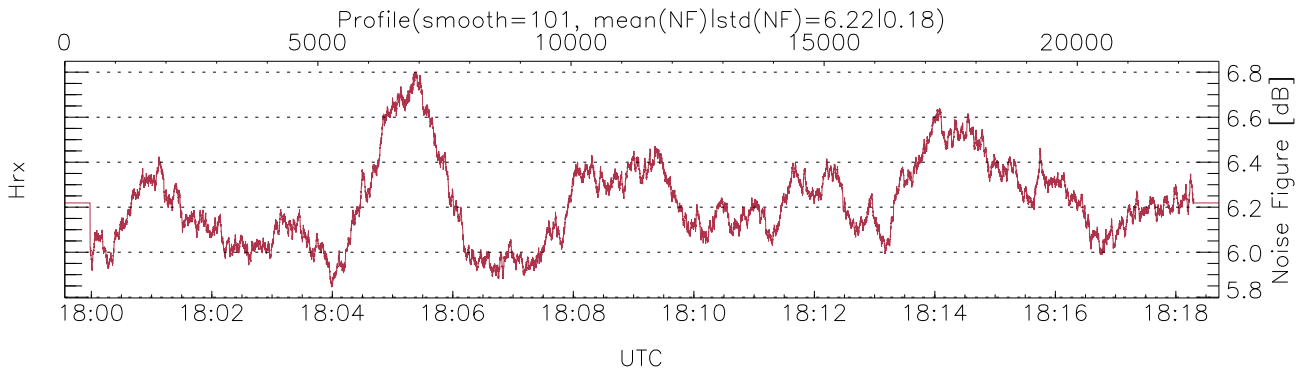
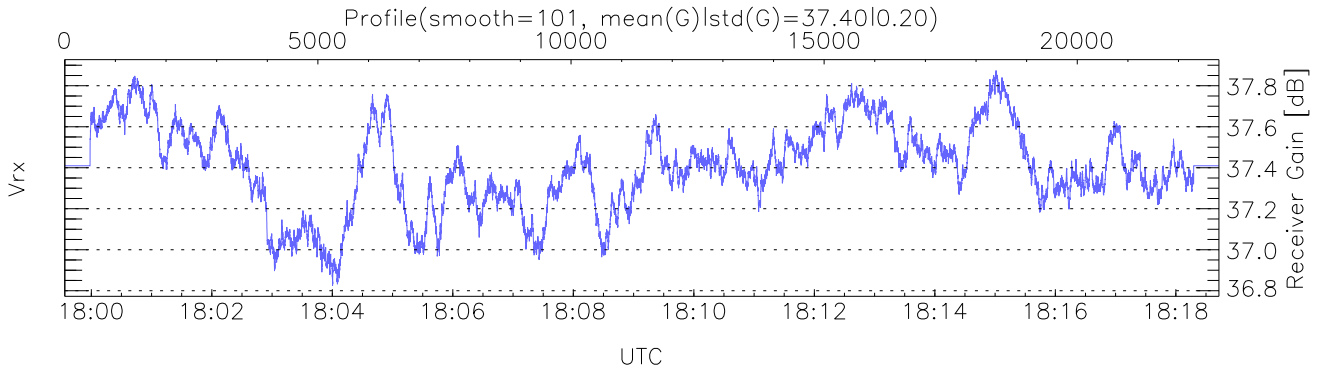
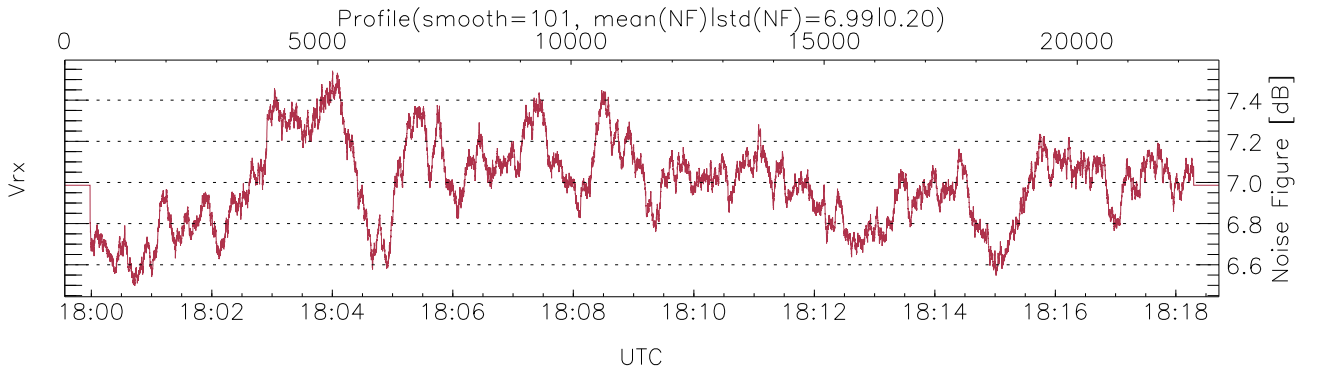
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:59:34-18:28:43, Dur: 1749.72s
 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): 22800/34709, 0-22799/17:59:34-18:18:43
 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



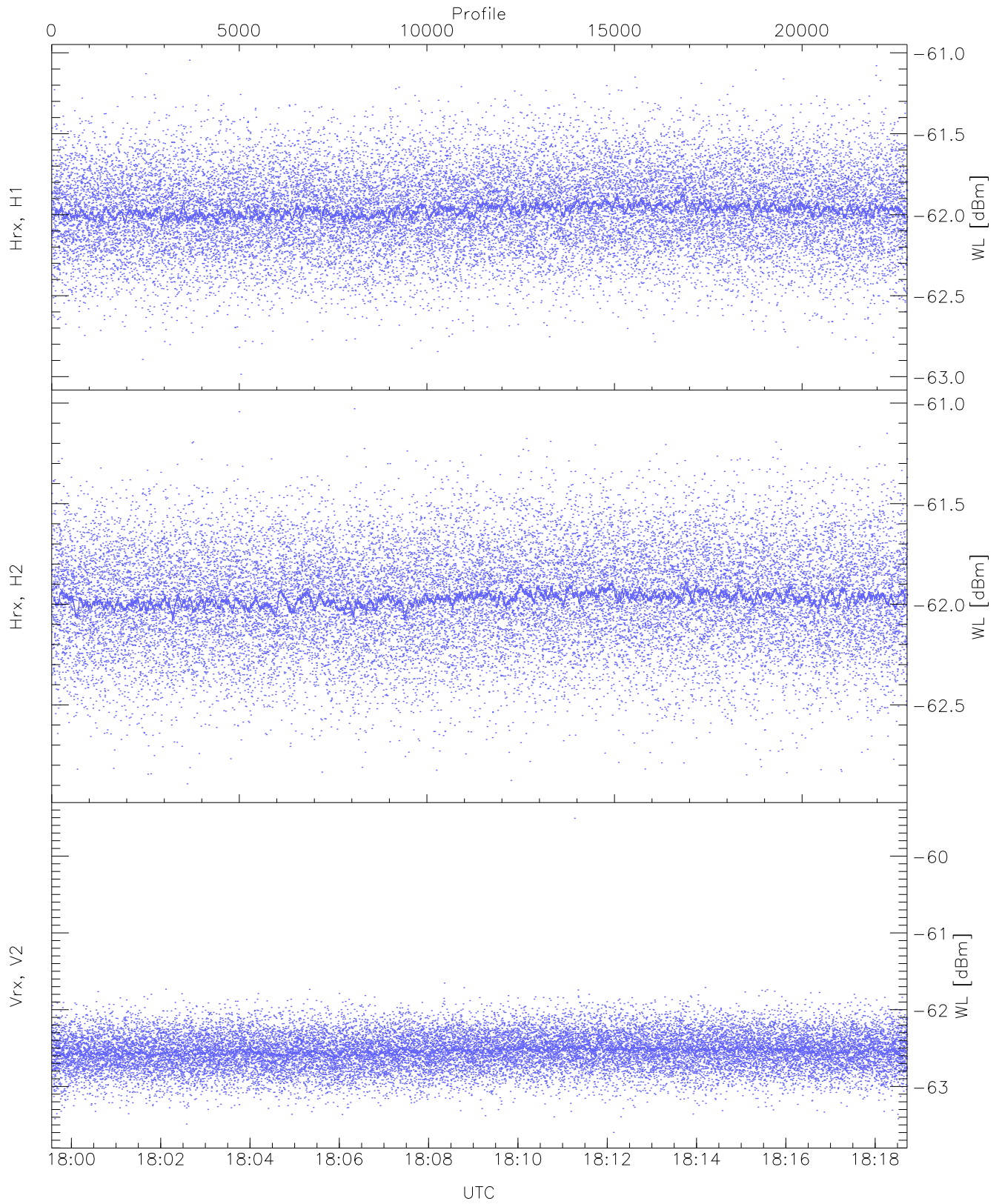
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,25,23,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,26,29
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,15)



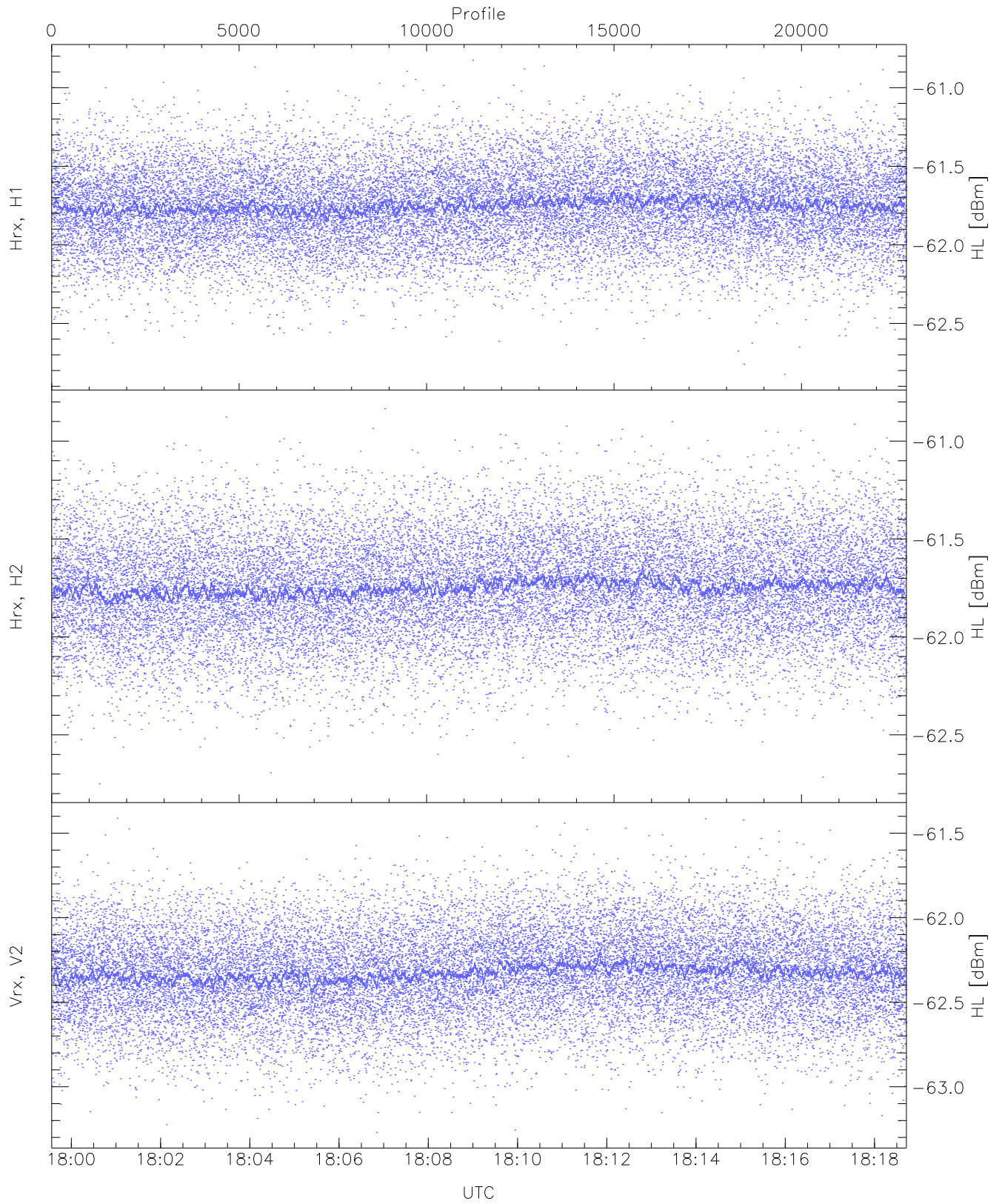
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8403 pixs, 13 gates, 8373 profs, 1 prods



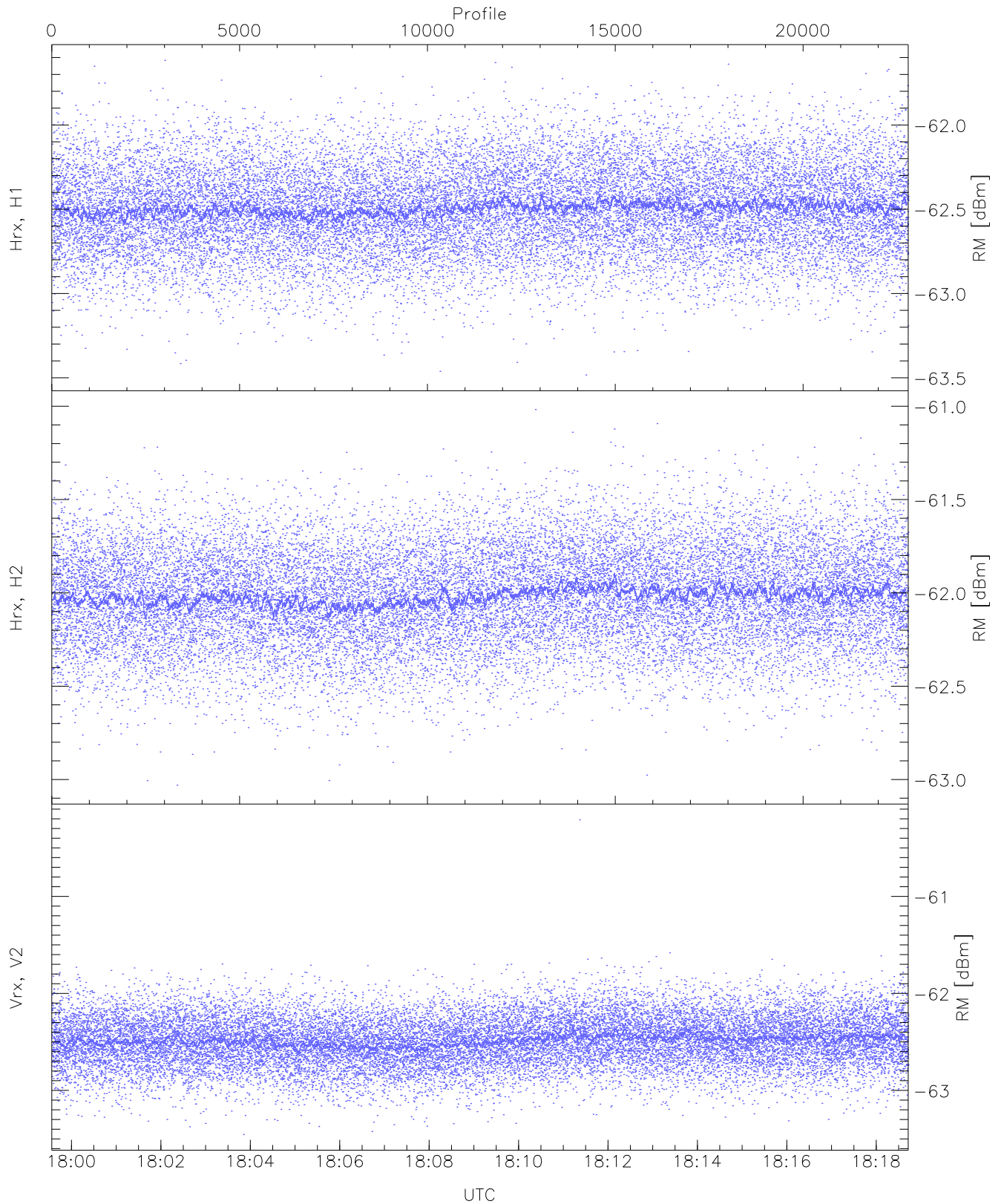
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.99	-61.05	-61.97	-61.97	-74.51
Hrx, H2(WL [dBm])	-62.89	-61.03	-61.97	-61.97	-74.52
Vrx, V2(WL [dBm])	-63.60	-59.51	-62.53	-62.54	-75.03



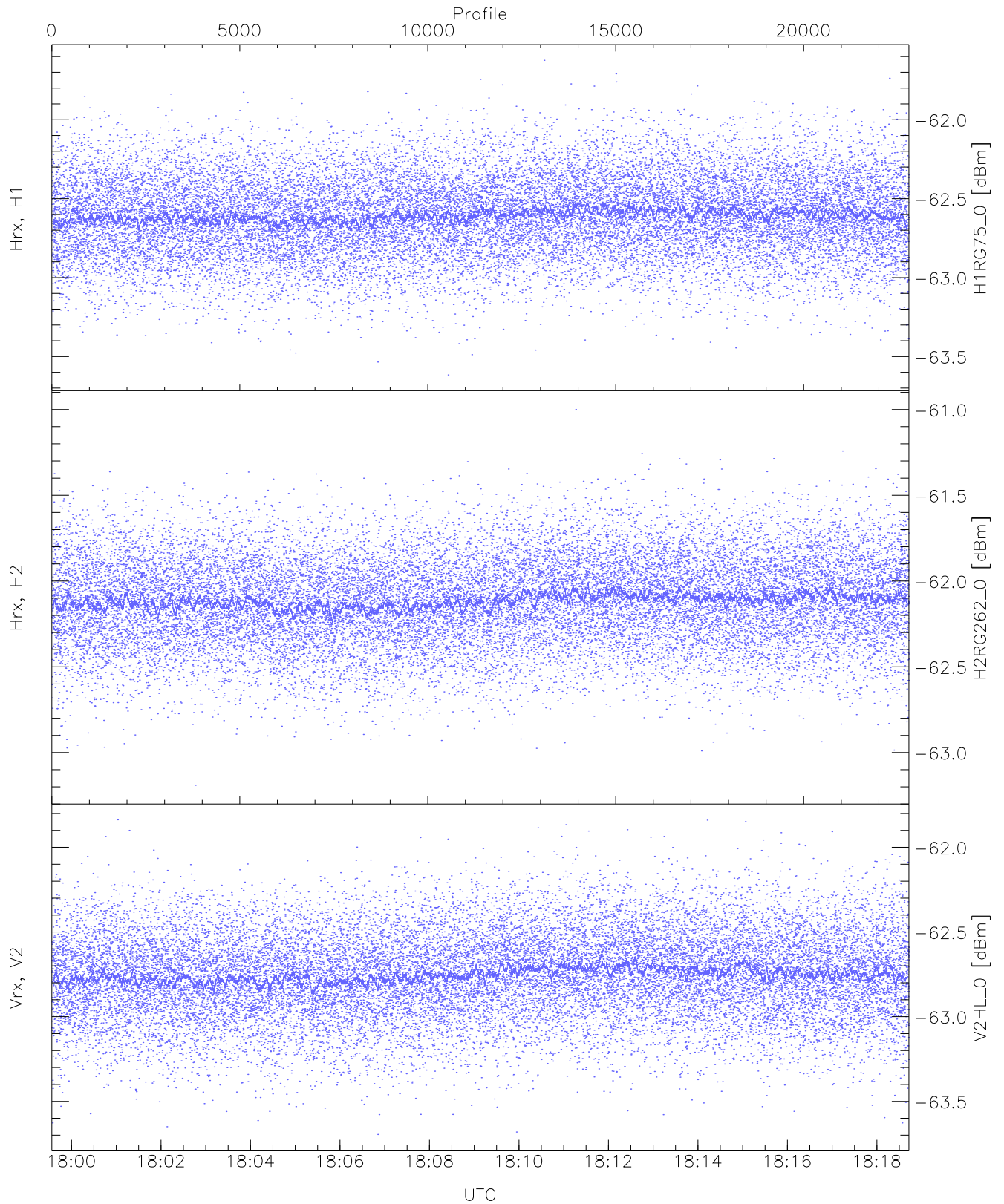
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.82	-60.83	-61.75	-61.75	-74.30
Hrx, H2 (HL [dBm])	-62.75	-60.83	-61.74	-61.75	-74.29
Vrx, V2 (HL [dBm])	-63.27	-61.41	-62.33	-62.33	-74.87



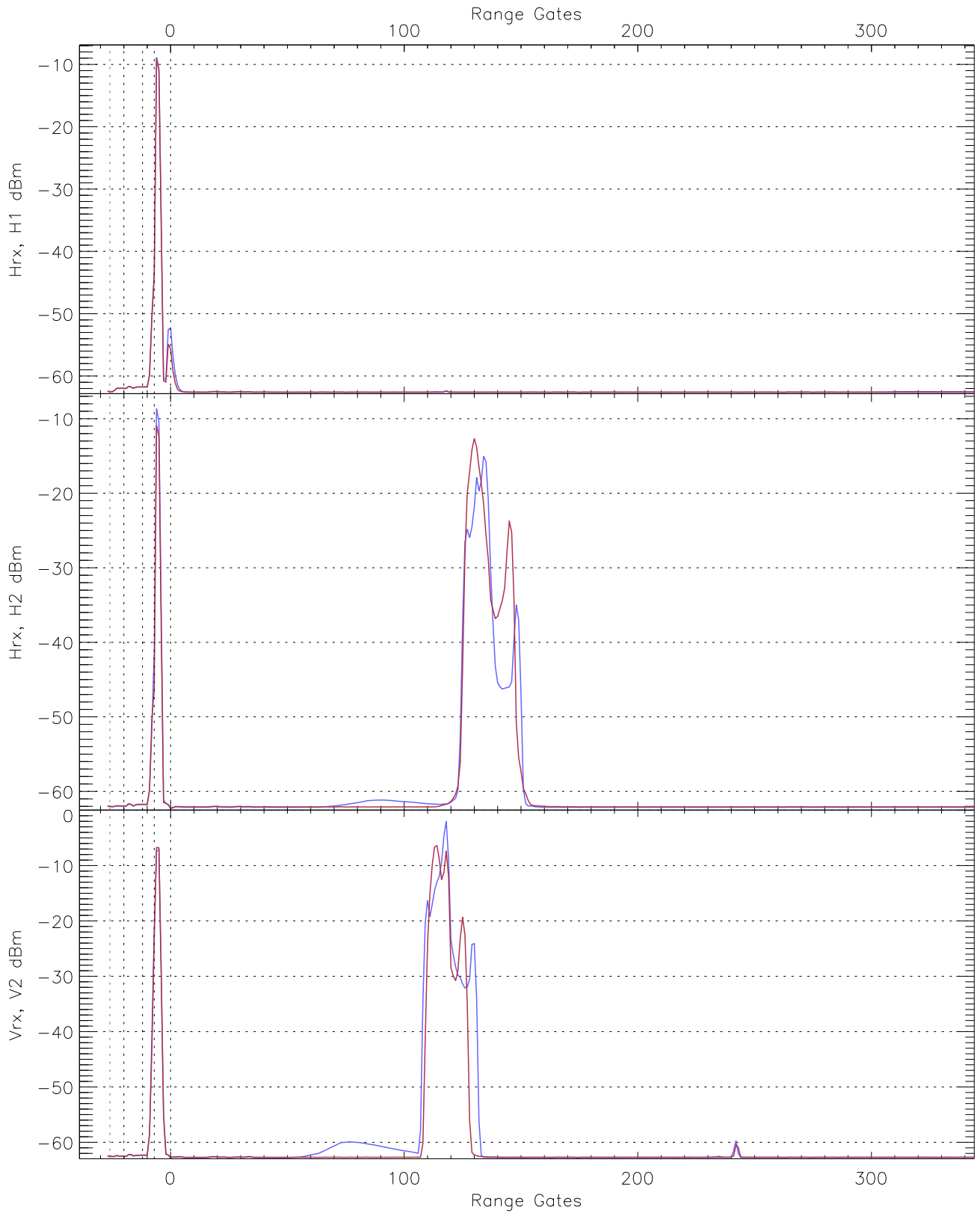
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.48	-61.62	-62.49	-62.50	-75.06
Hrx, H2 (RM [dBm])	-63.03	-61.02	-62.02	-62.02	-74.55
Vrx, V2 (RM [dBm])	-63.45	-60.21	-62.48	-62.49	-74.95

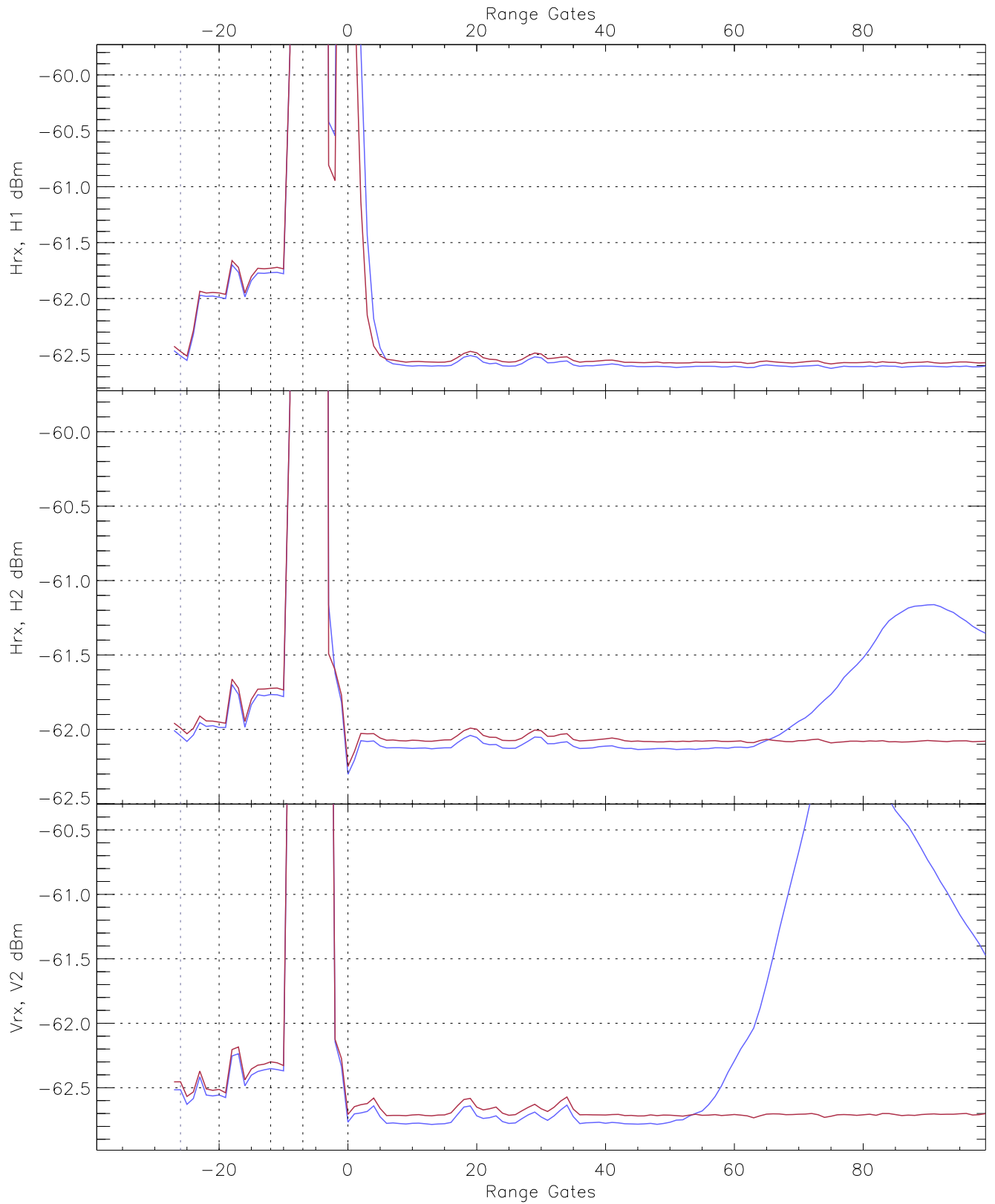


WCR2 CPP "Best" estimate Receivers Noise Power

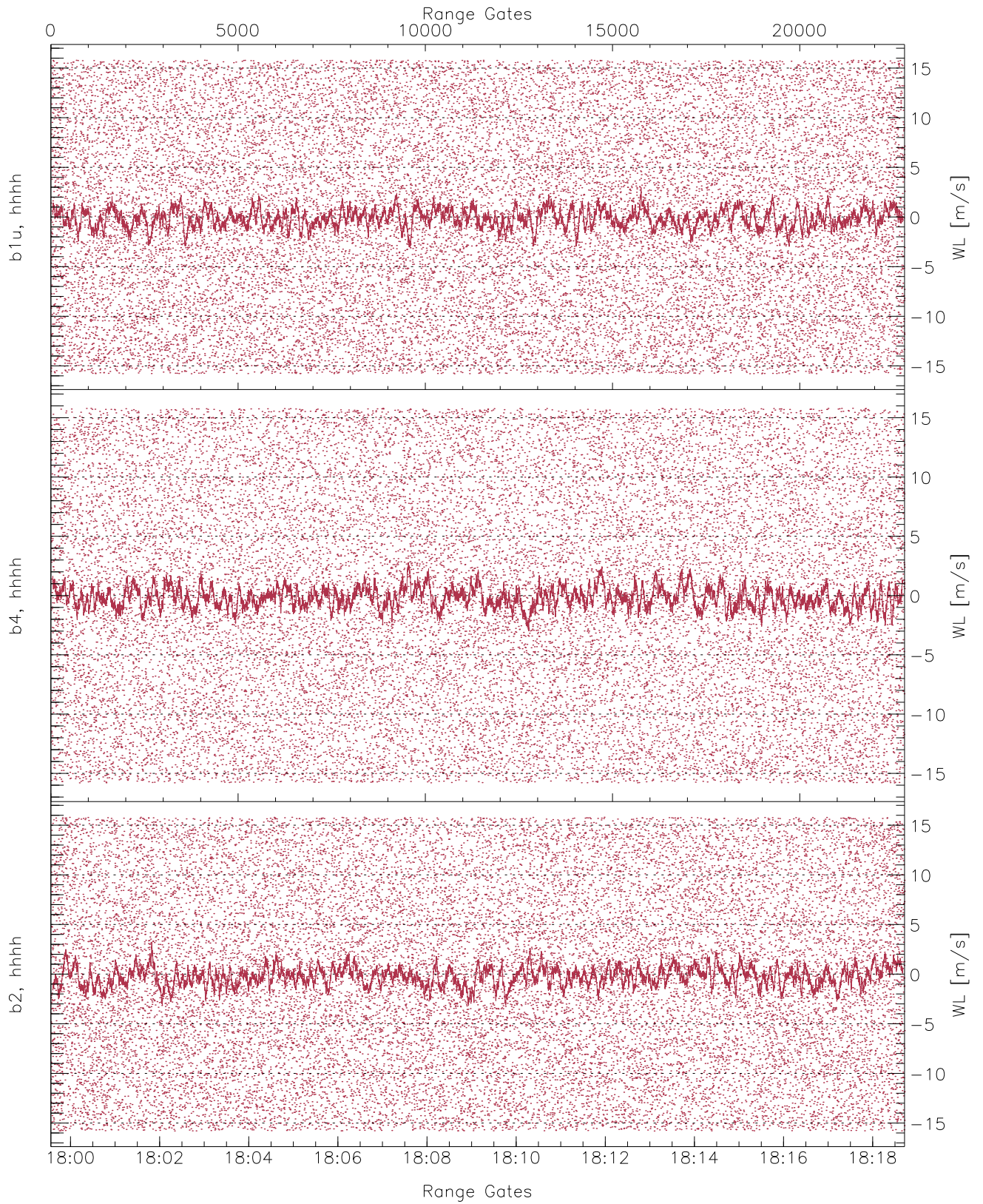
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.62	-61.62	-62.60	-62.61	-75.15
H2RG262_0 [dBm]	-63.19	-61.00	-62.11	-62.12	-74.63
V2HL_0 [dBm]	-63.70	-61.84	-62.75	-62.76	-75.30



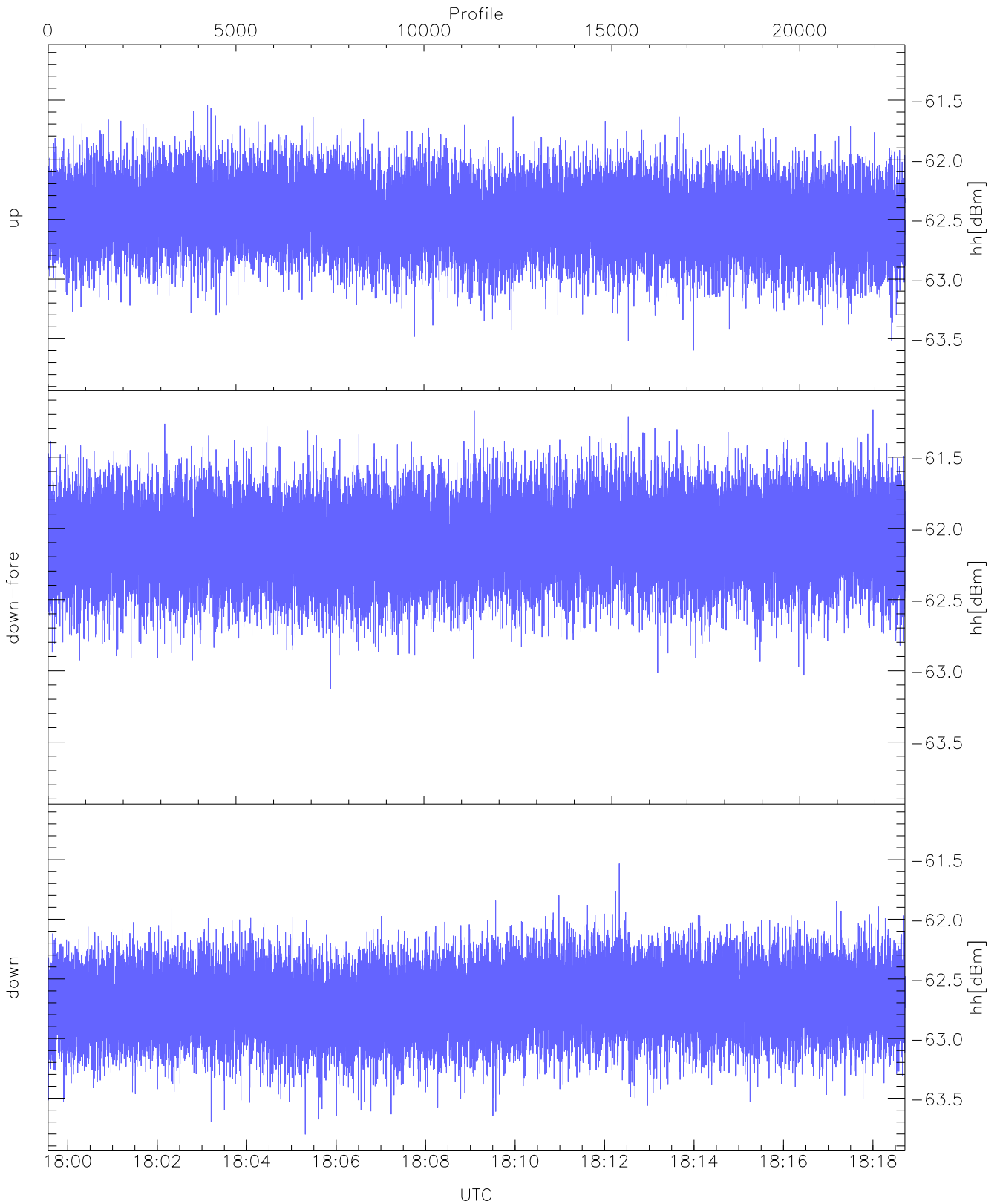
WCR2 CPP Averaged Received power for all recorded gates
blue: 175934-180908, 11401 profiles averaged
red: 180908-181843, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 175934-180908, 11401 profiles averaged
red: 180908-181843, 11400 profiles averaged

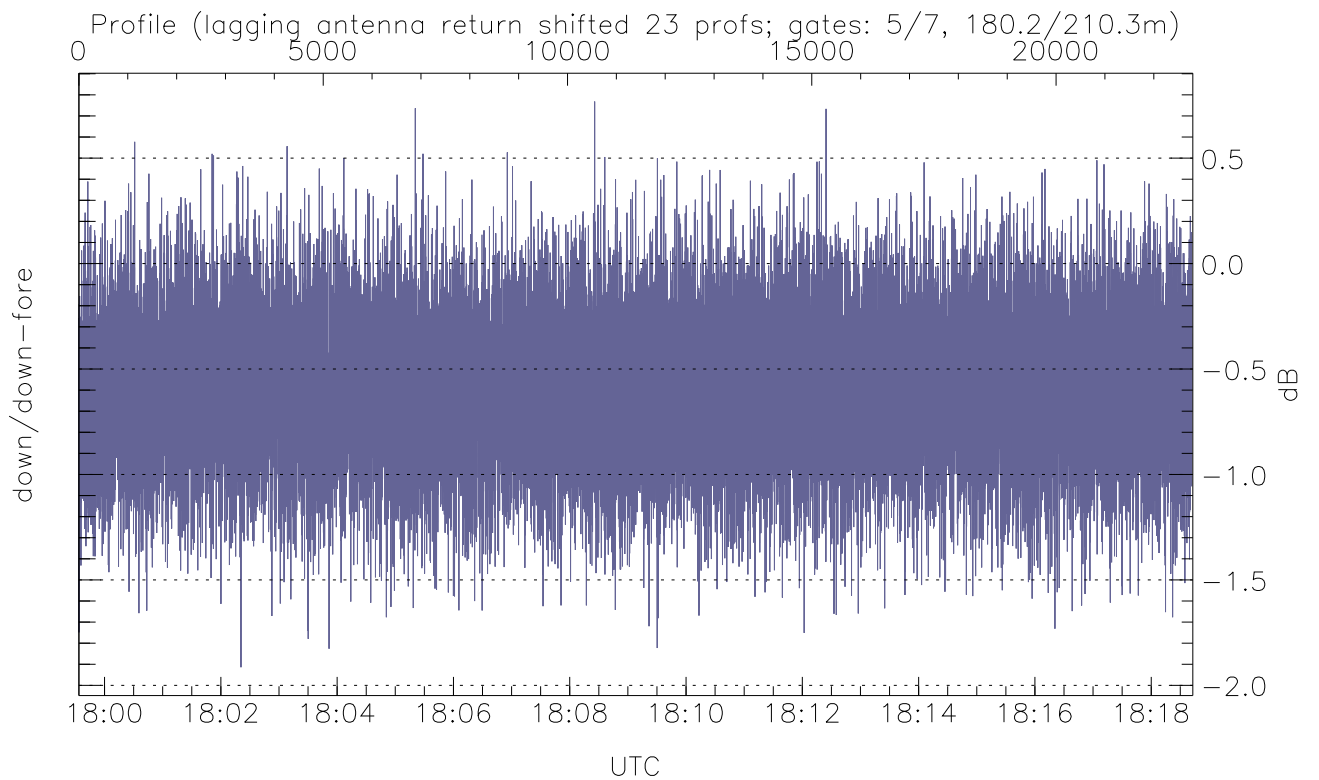
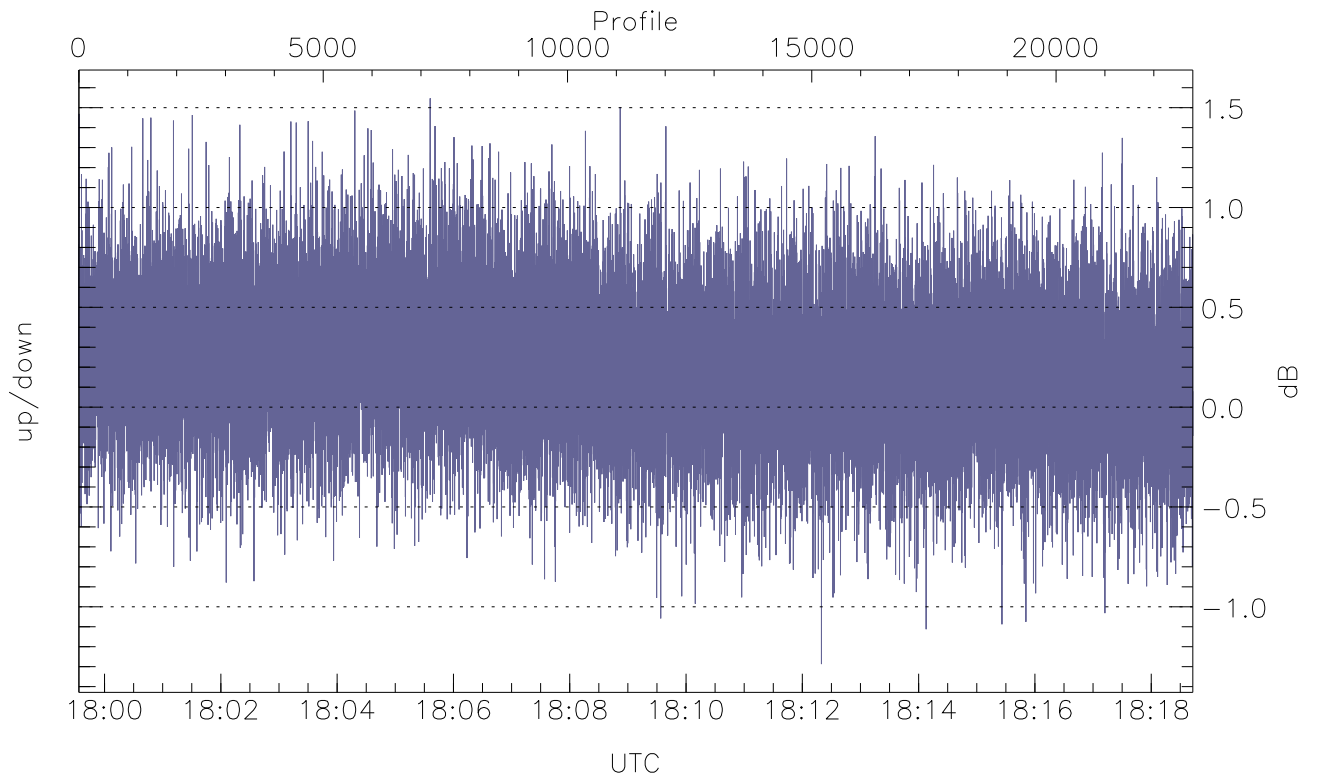


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



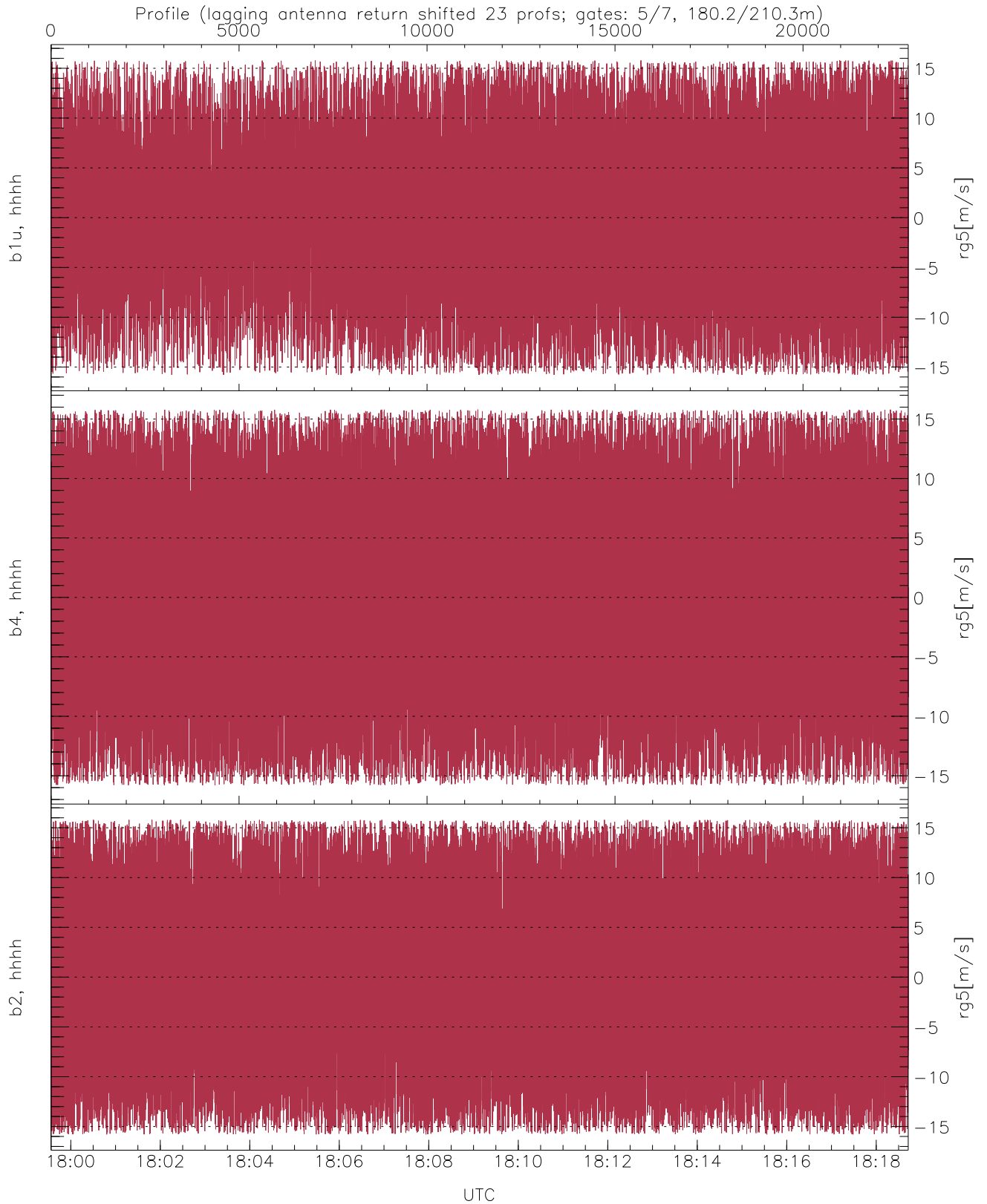
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.60	-61.54	-62.48
down-fore(hh[dBm])	-63.13	-61.17	-62.08
down(hh[dBm])	-63.80	-61.53	-62.69



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

	Min	Max	Mean
up/down (dB)	-1.29	1.55	0.22
down/down-fore (dB)	-1.91	0.77	-0.60



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.05	7.78
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.22	8.99
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.35	9.09