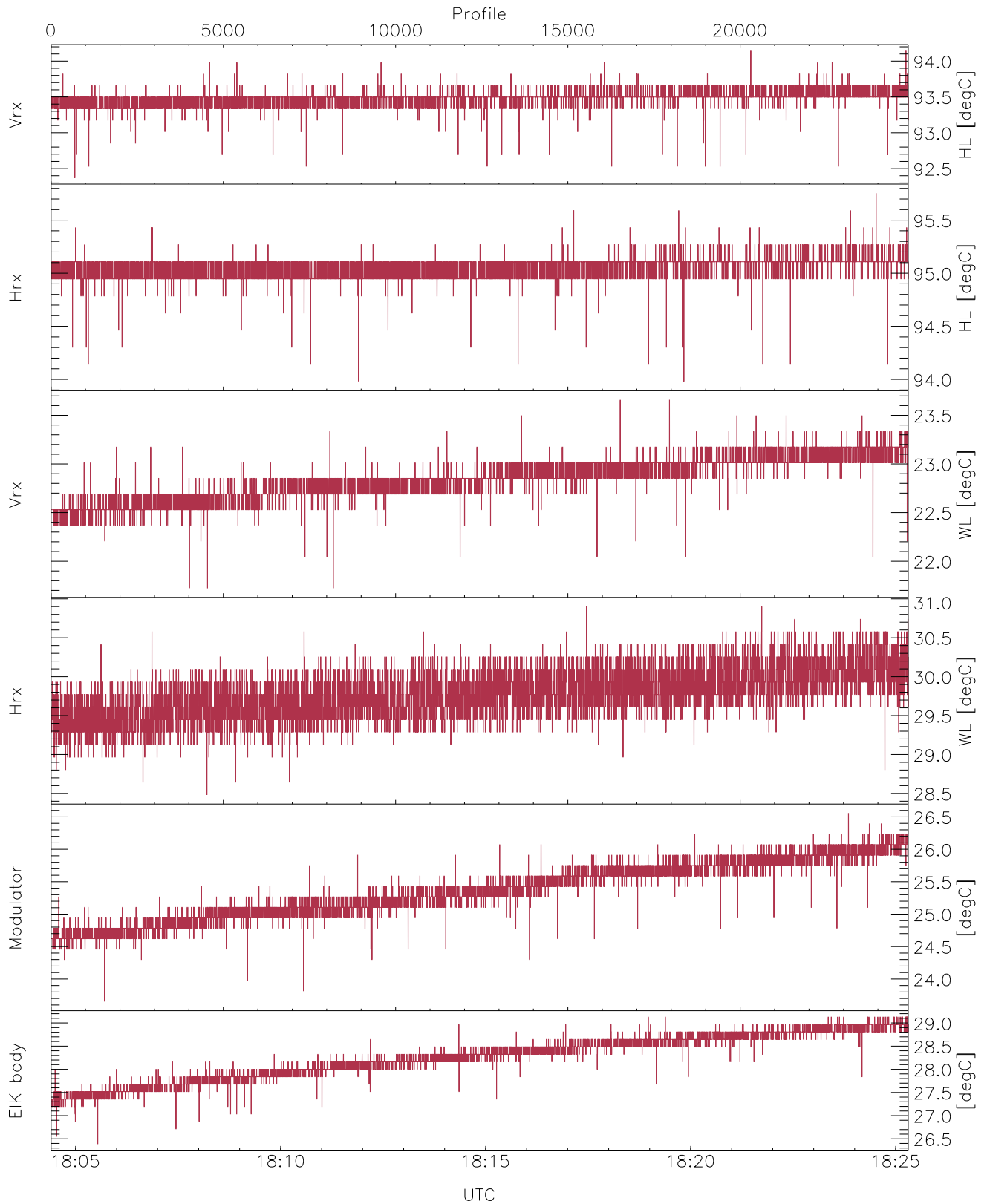


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

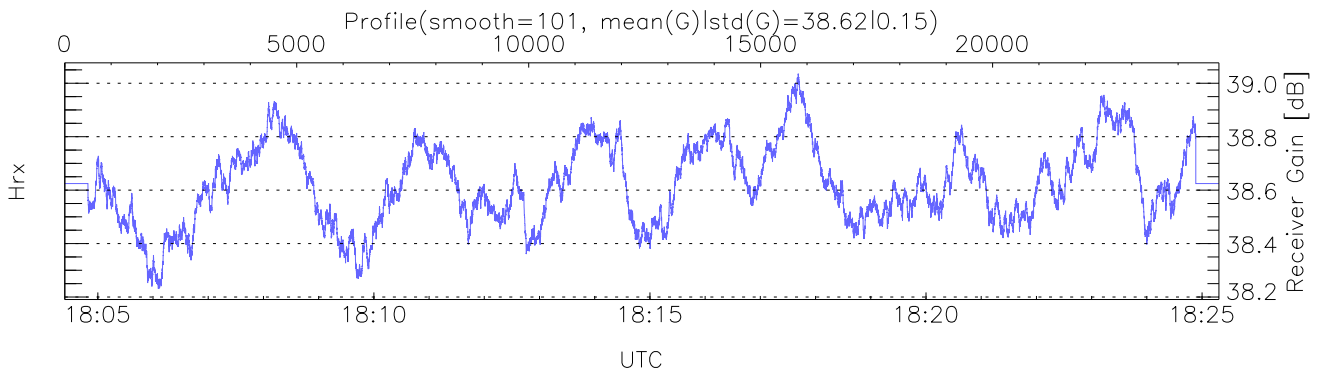
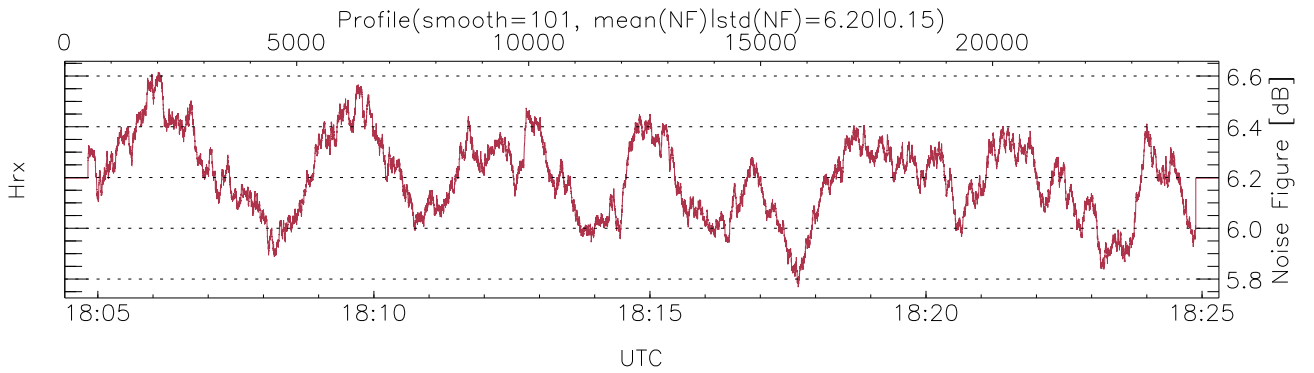
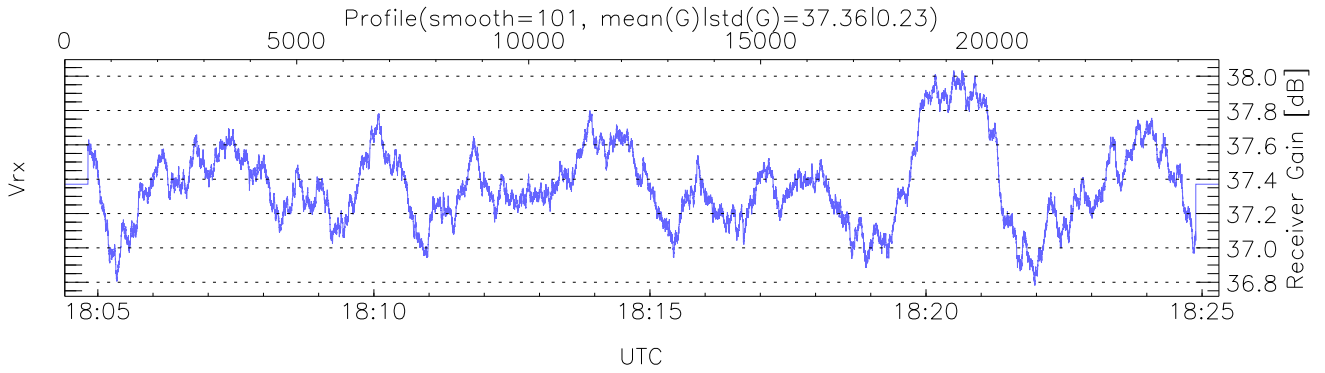
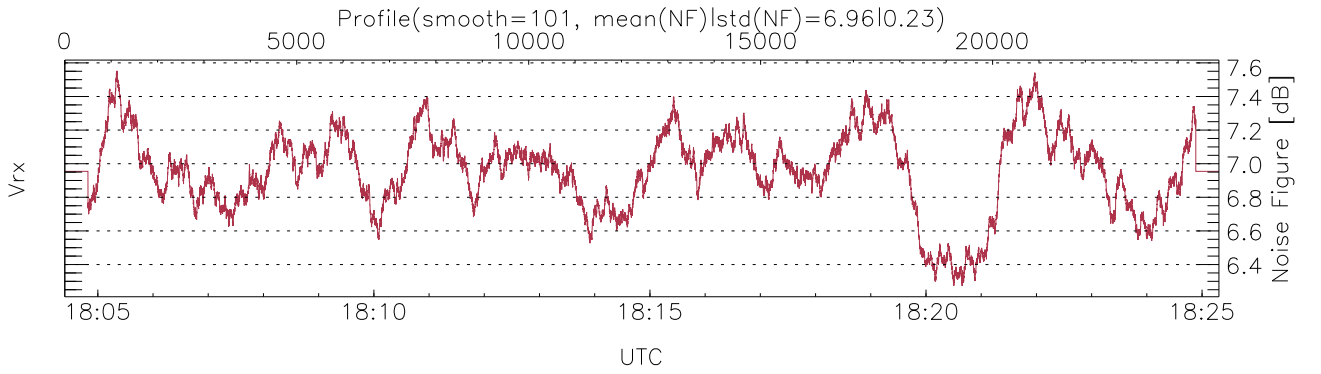
UTC: 18:04:24-18:25:18, Dur: 1254.27s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 24881/24881, 0-24880/18:04:24-18:25:18
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

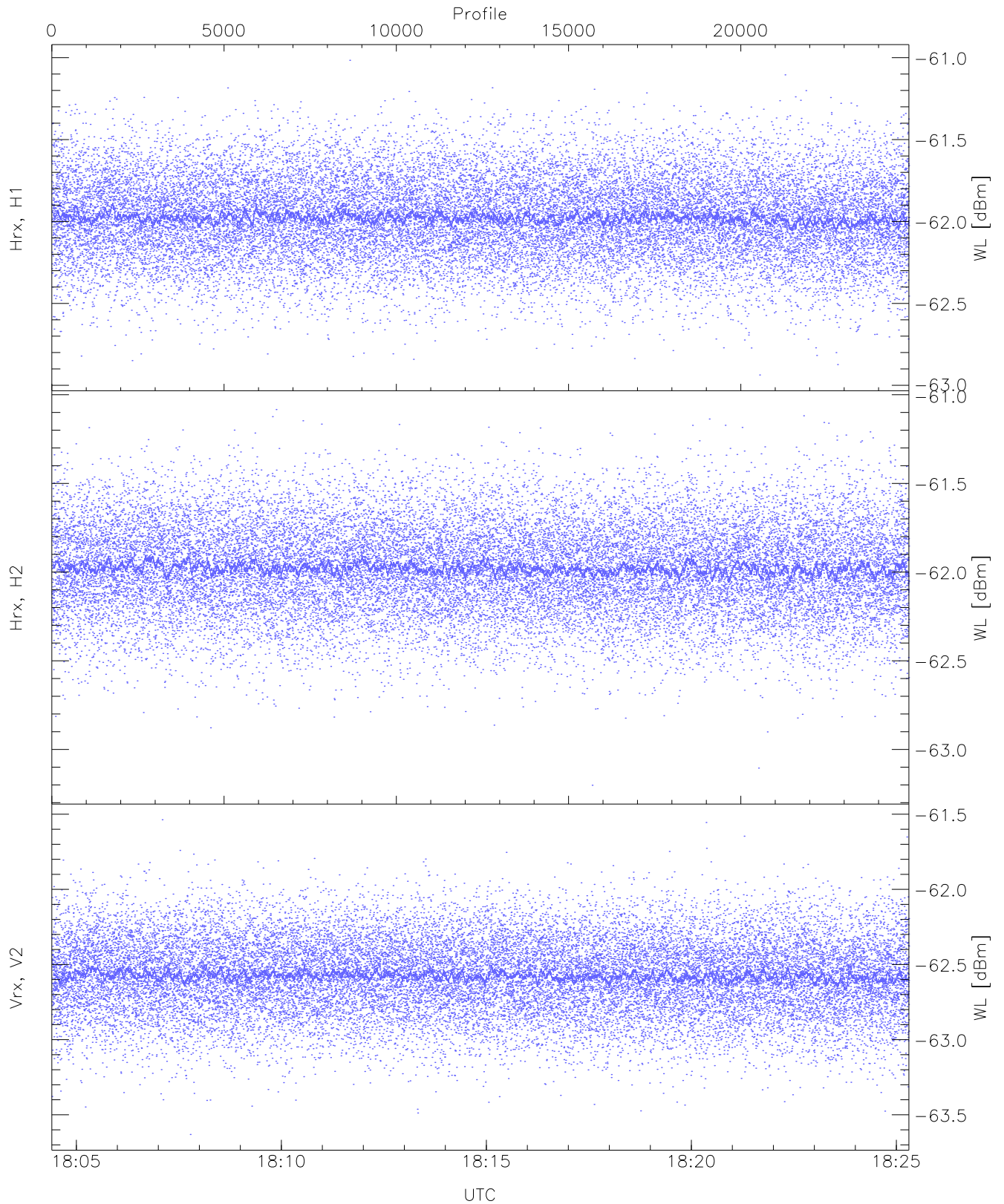
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,21,28,23,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,23,30,26,29`
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (38,38,38,38,38,11)`



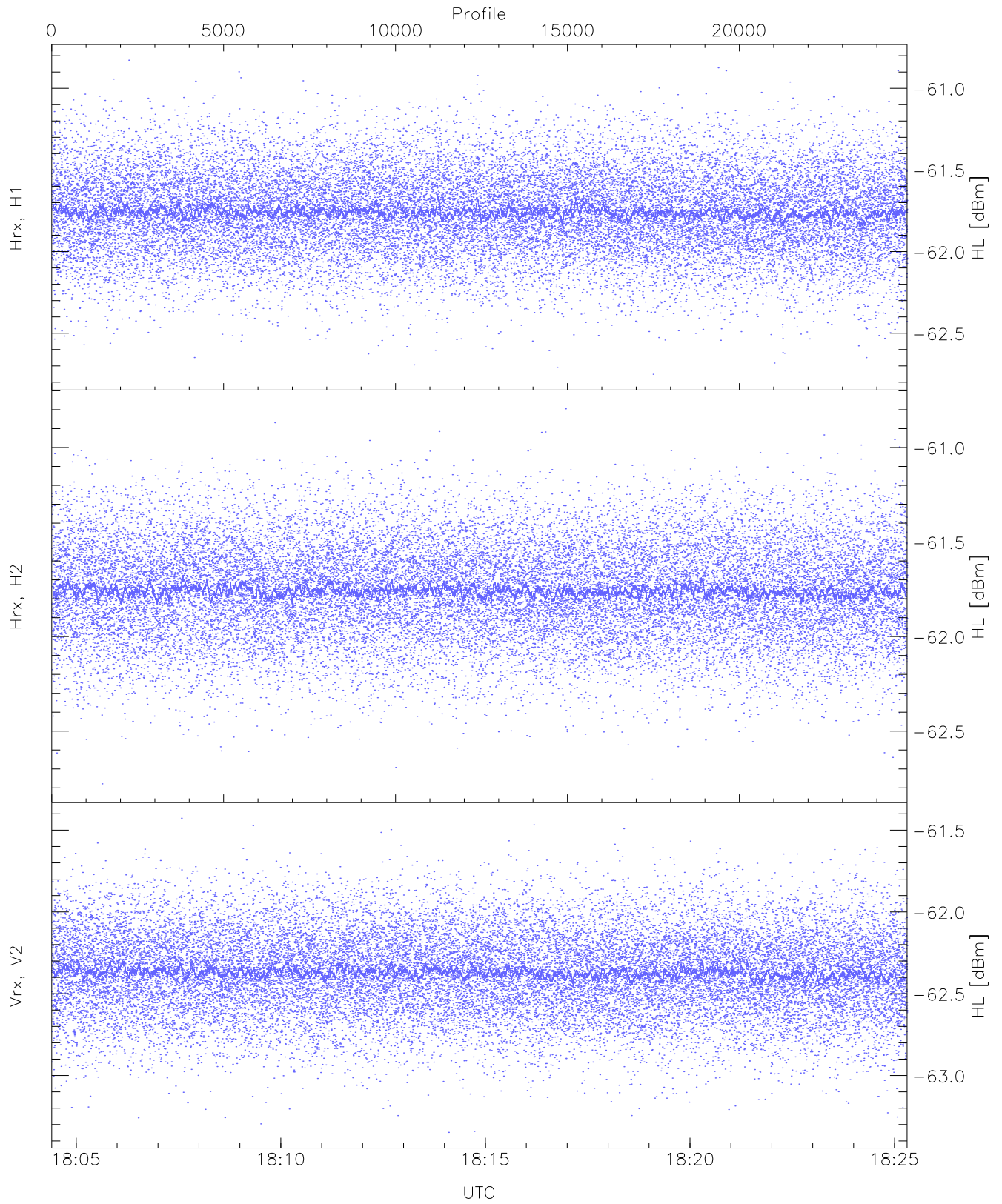
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 70 pixs, 5 gates, 70 profs, 1 prods



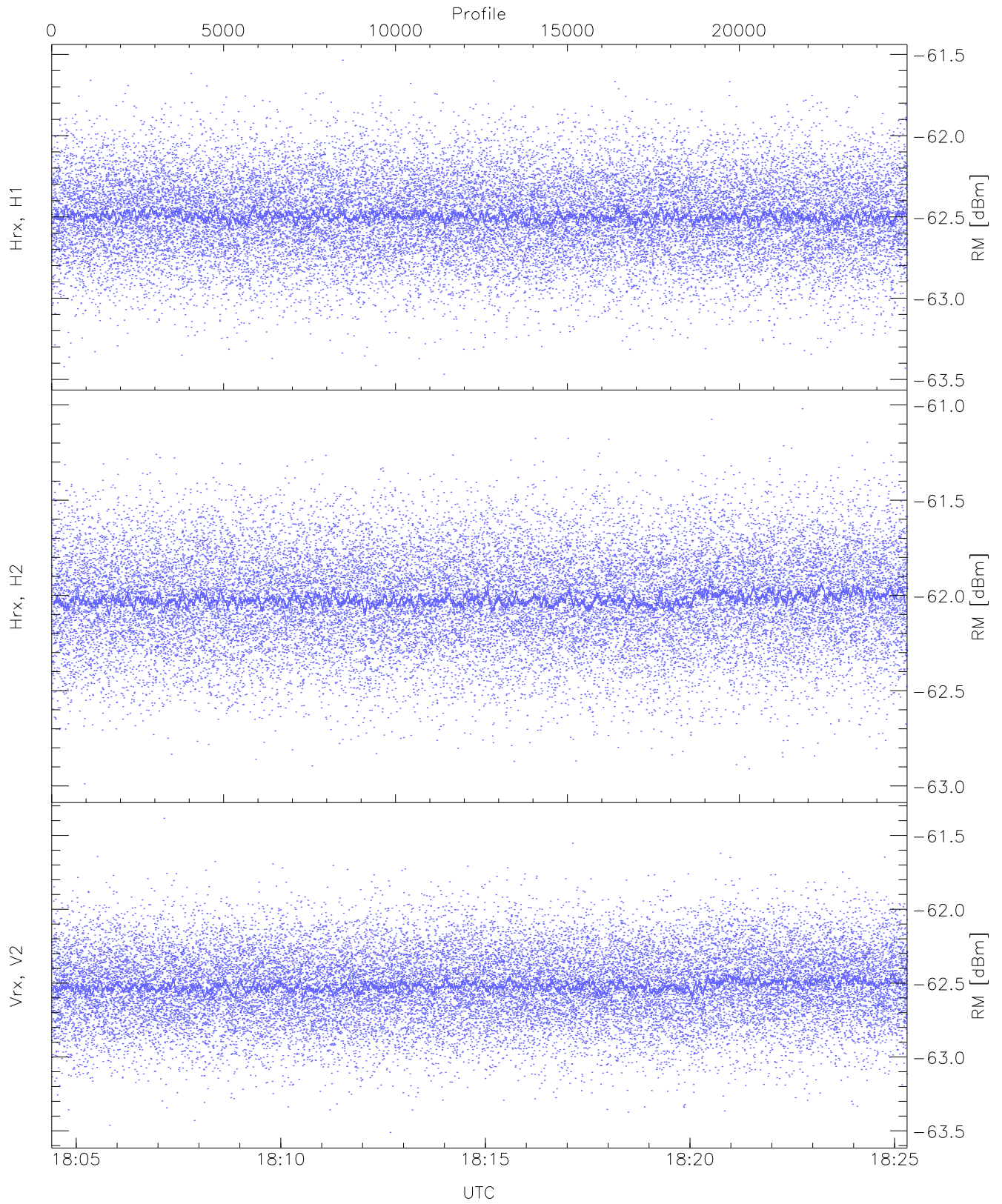
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.94	-61.02	-61.97	-61.98	-74.56
Hrx, H2 (WL [dBm])	-63.20	-61.08	-61.98	-61.98	-74.53
Vrx, V2 (WL [dBm])	-63.63	-61.54	-62.57	-62.57	-75.12



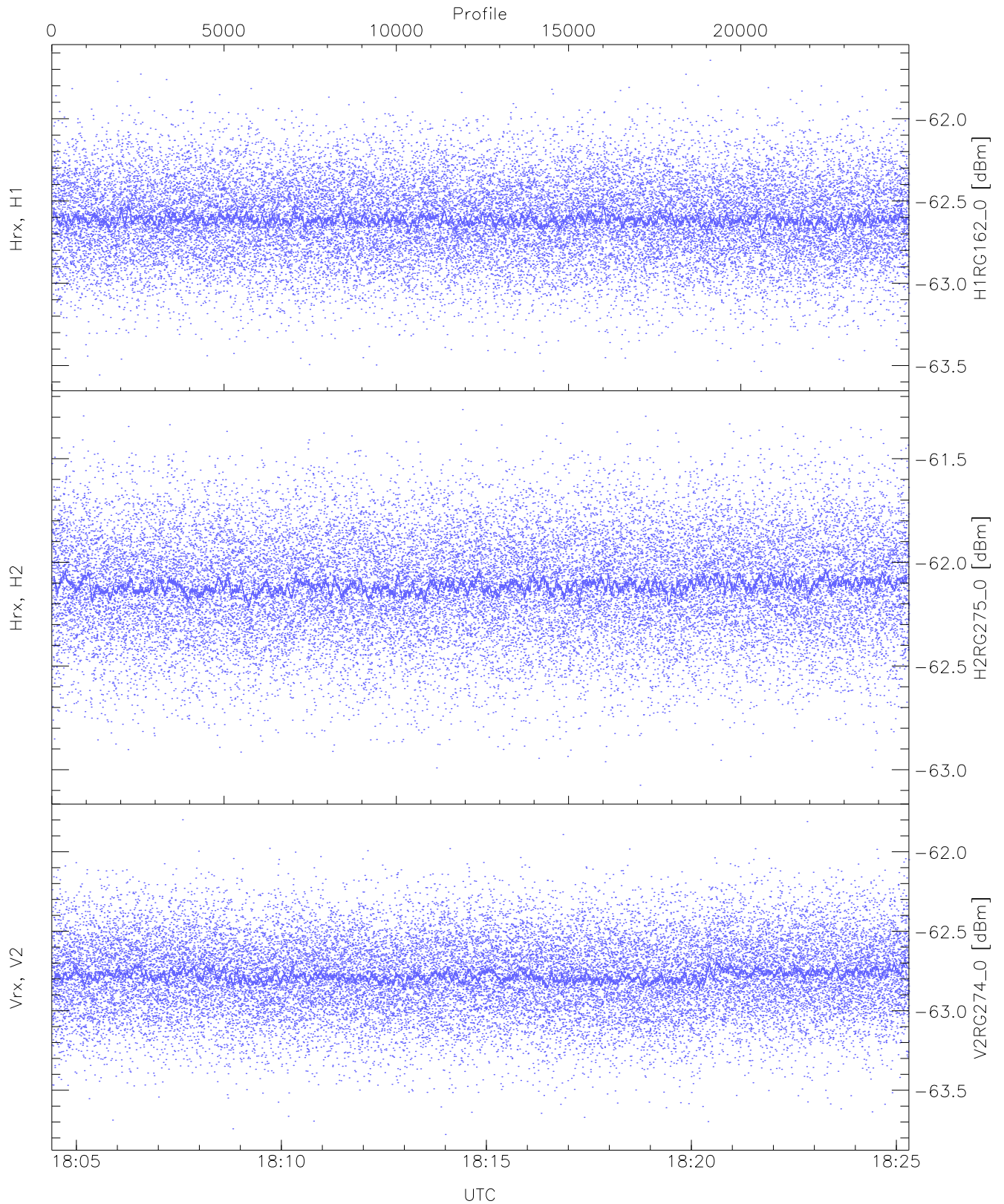
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.75	-60.83	-61.76	-61.76	-74.31
Hrx, H2 (HL [dBm])	-62.78	-60.80	-61.75	-61.76	-74.33
Vrx, V2 (HL [dBm])	-63.35	-61.43	-62.37	-62.37	-74.91



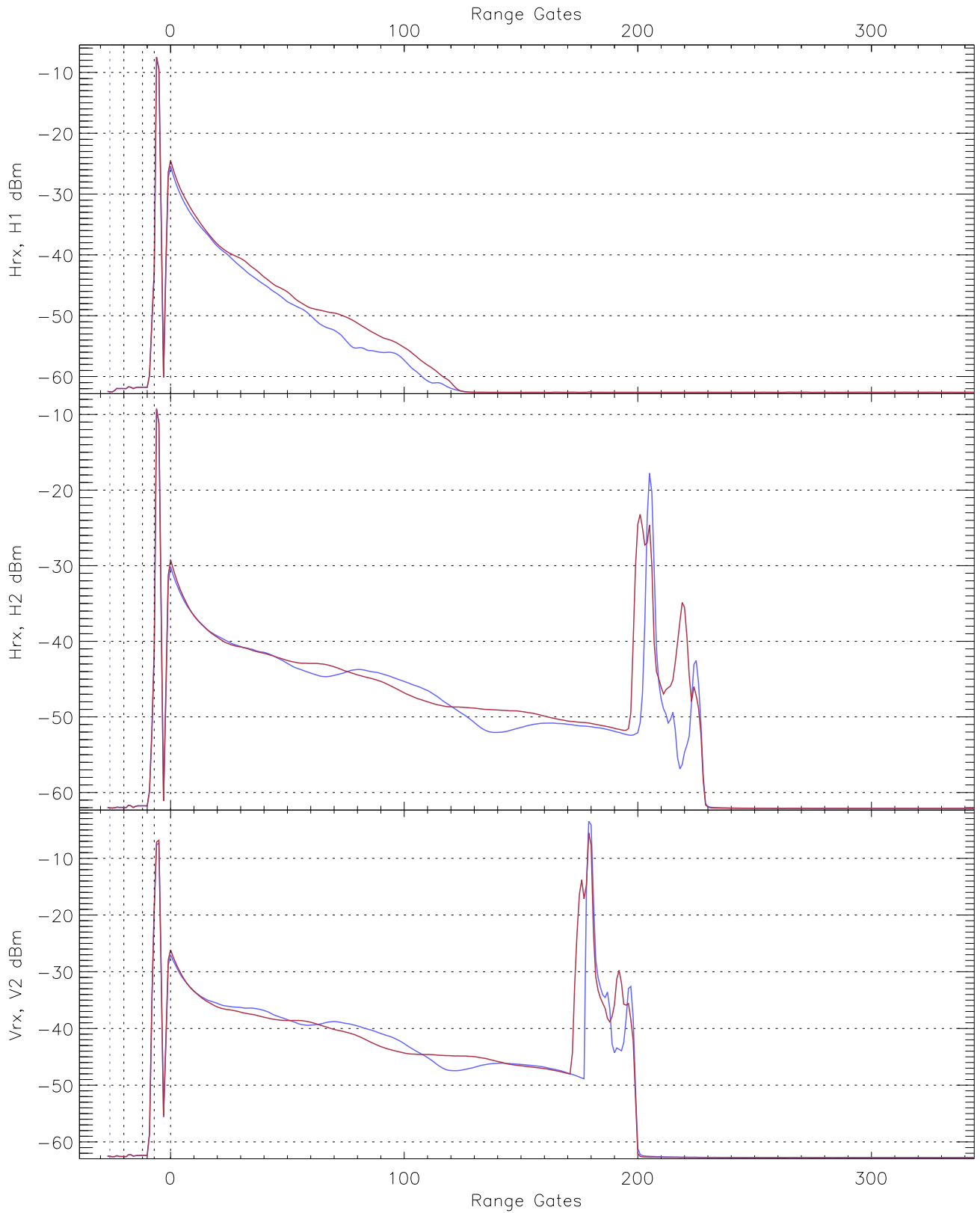
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.47	-61.54	-62.49	-62.50	-75.03
Hrx, H2 (RM [dBm])	-62.99	-61.02	-62.02	-62.02	-74.58
Vrx, V2 (RM [dBm])	-63.51	-61.38	-62.51	-62.52	-75.07

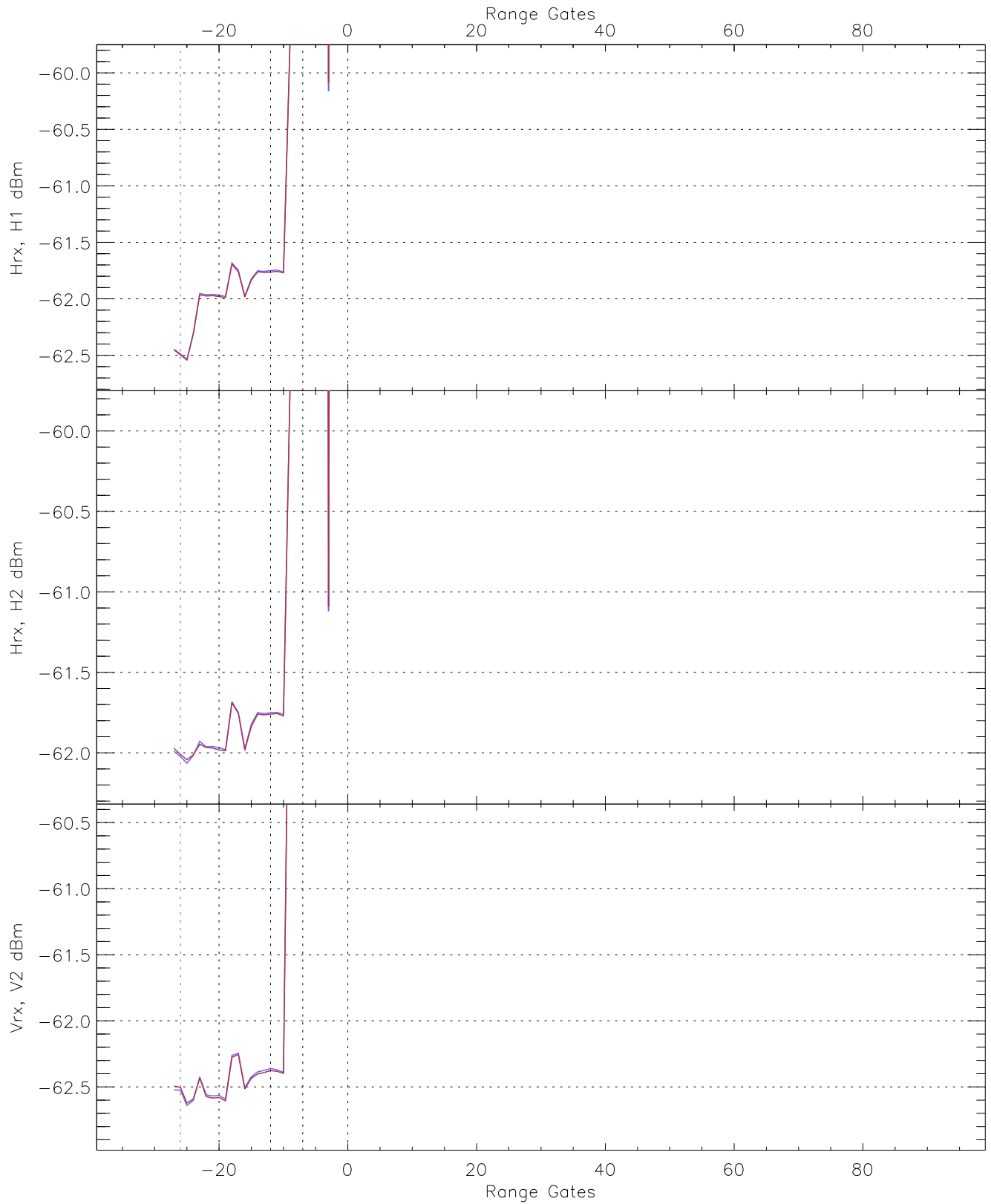


WCR2 CPP "Best" estimate Receivers Noise Power

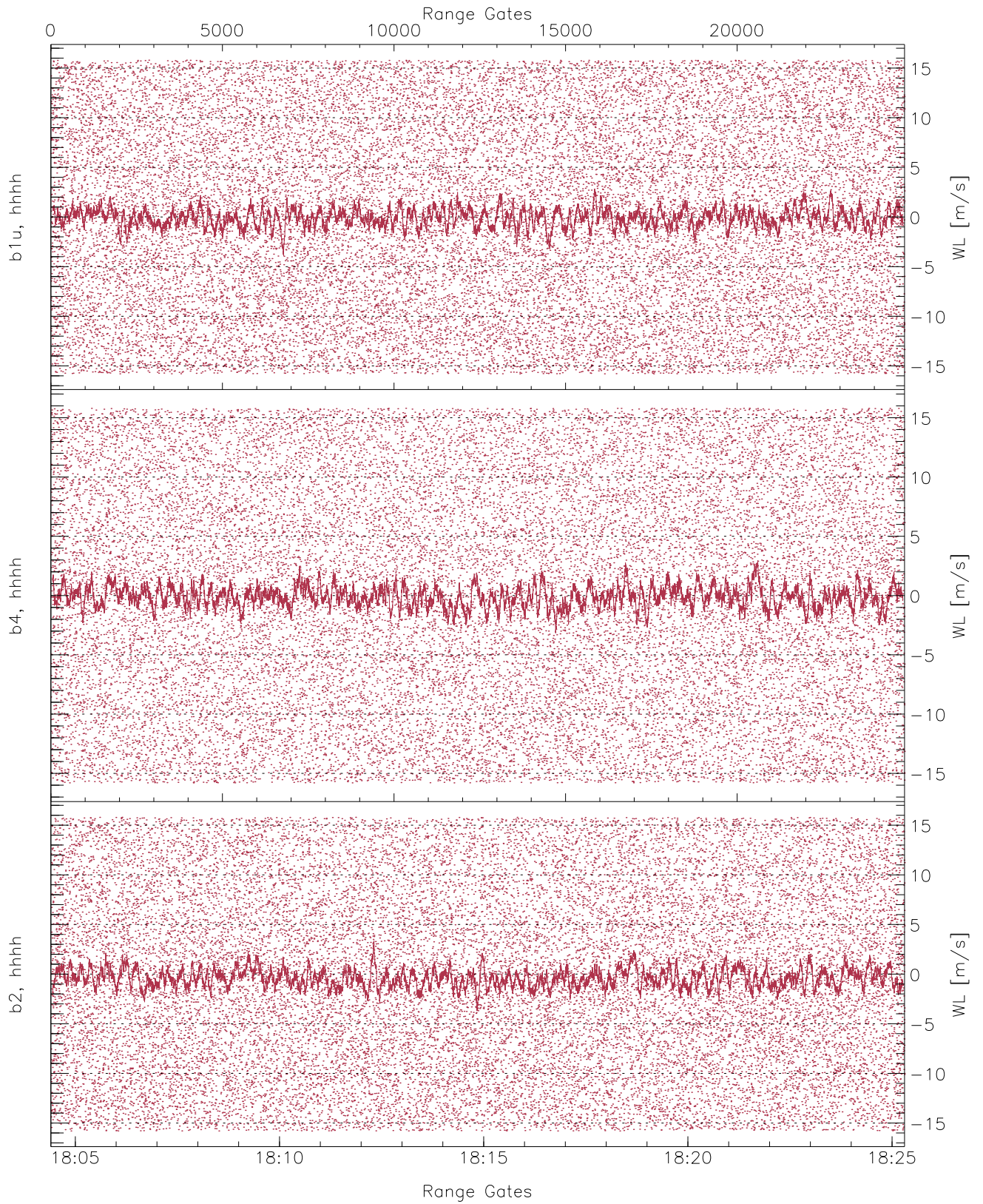
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.56	-61.65	-62.61	-62.61	-75.14
H2RG275_0 [dBm]	-63.08	-61.26	-62.11	-62.11	-74.64
V2RG274_0 [dBm]	-63.78	-61.80	-62.77	-62.78	-75.33



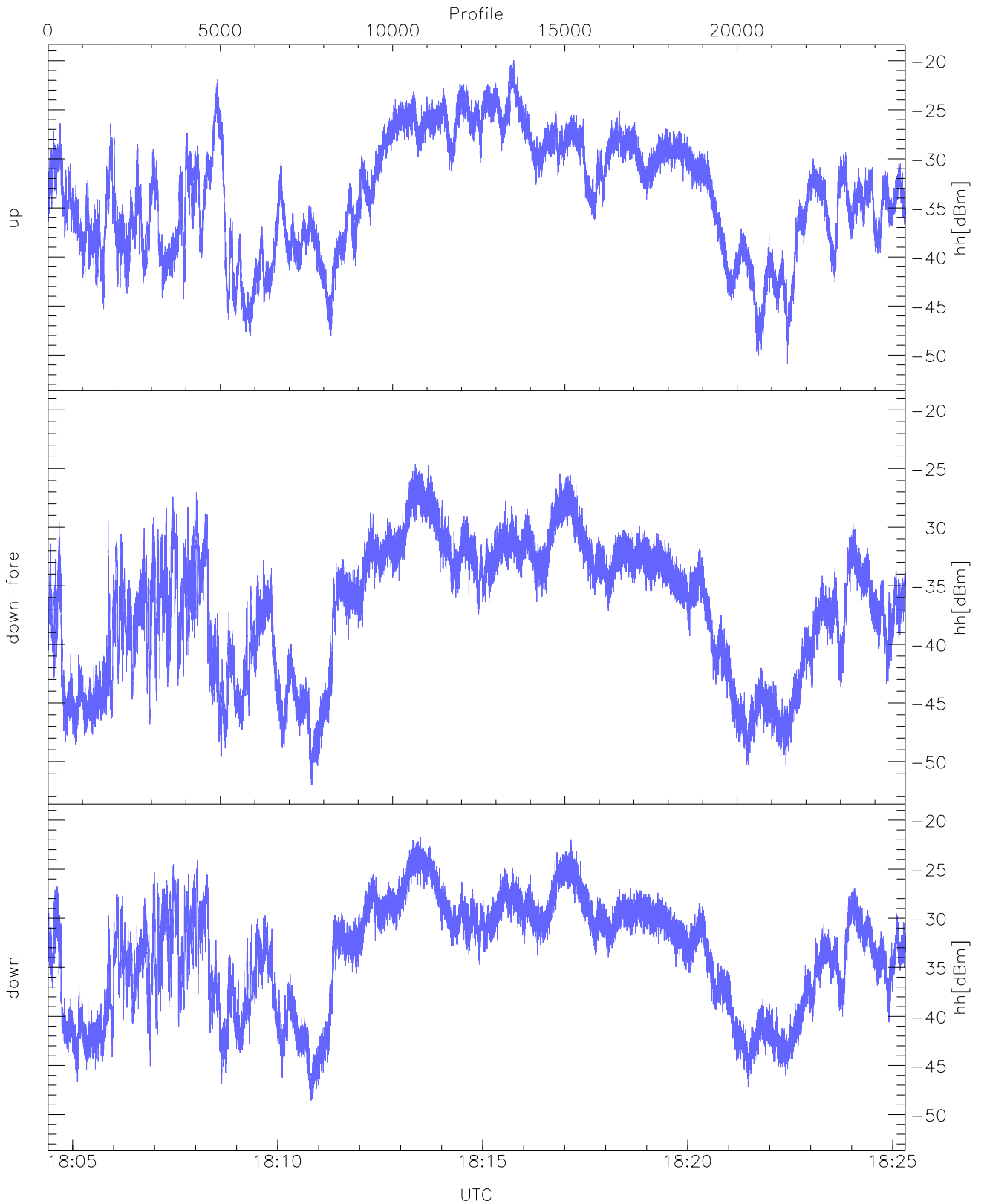
WCR2 CPP Averaged Received power for all recorded gates
blue: 180424-181451, 12441 profiles averaged
red: 181451-182518, 12441 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 180424-181451, 12441 profiles averaged
red: 181451-182518, 12441 profiles averaged

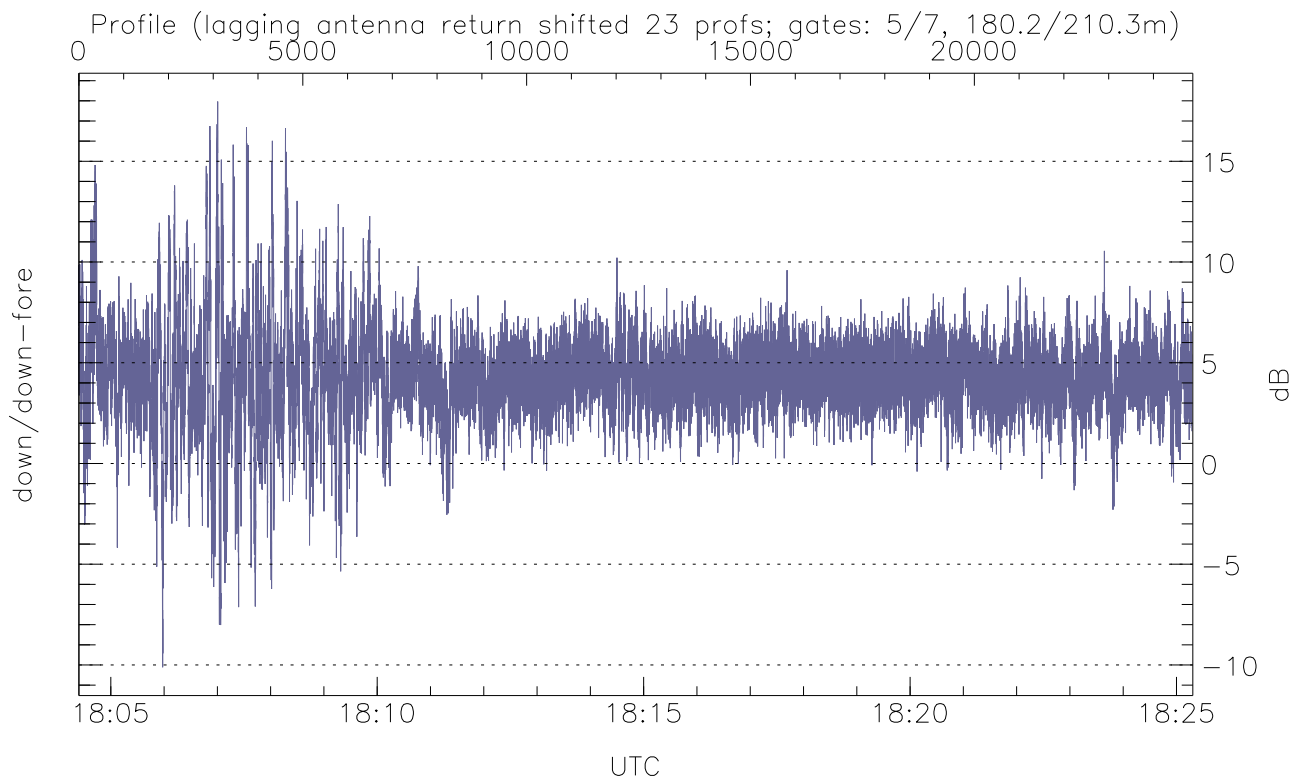
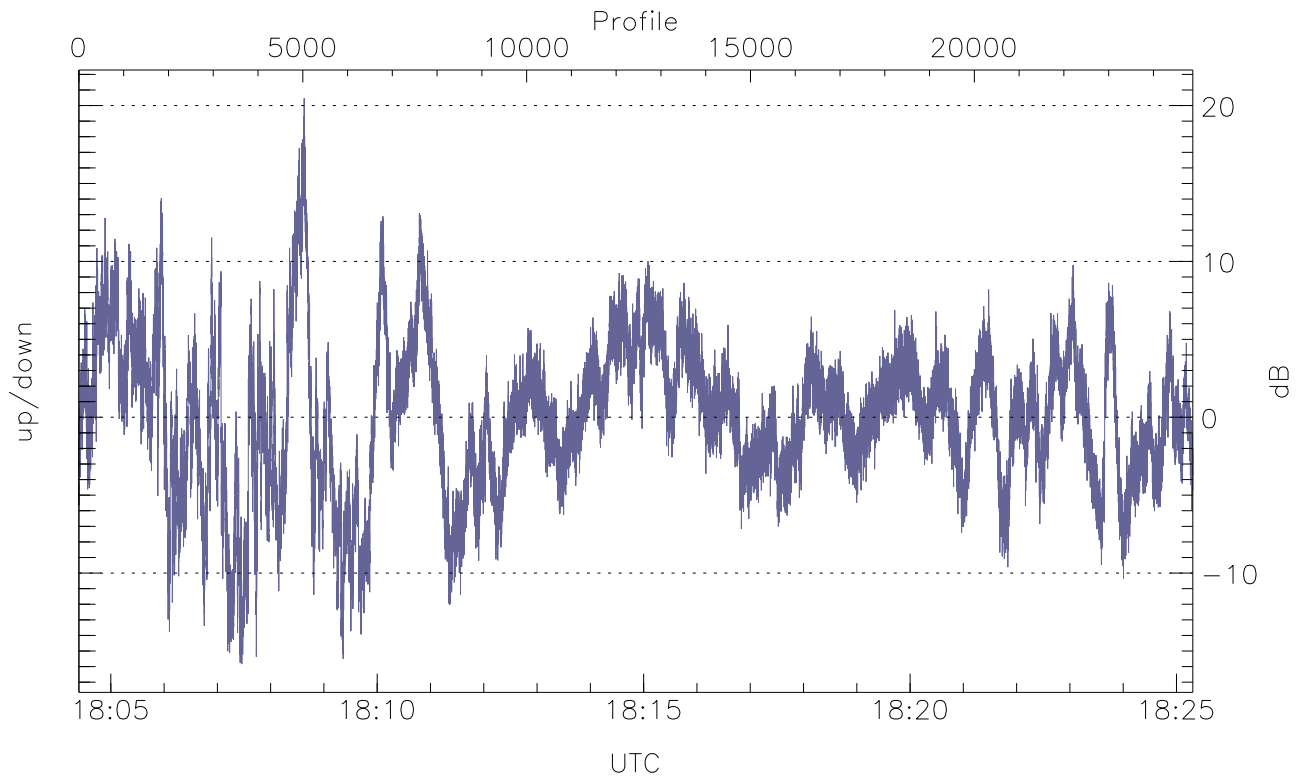


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



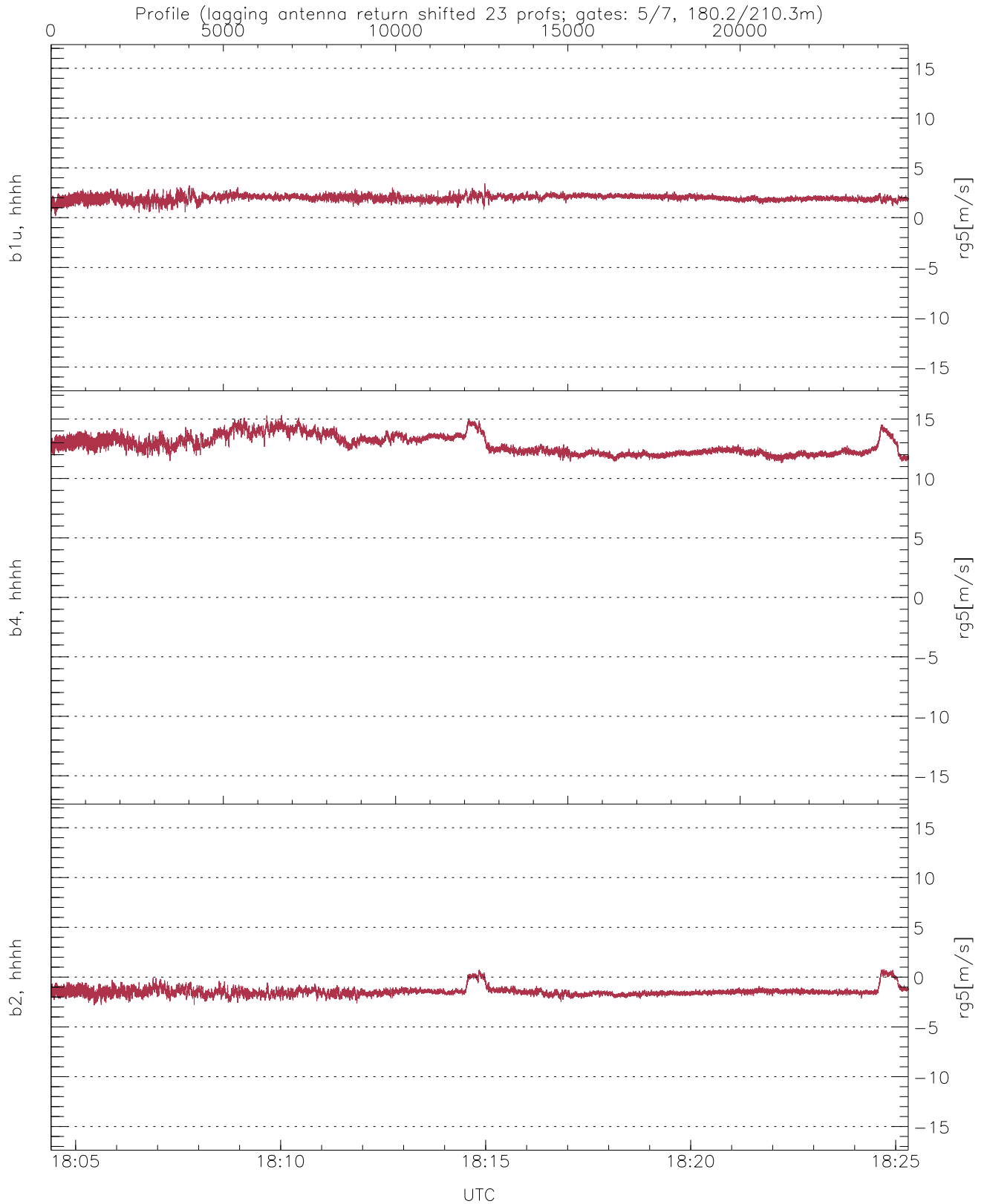
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-50.88	-19.96	-30.24
down-fore(hh[dBm])	-52.03	-24.61	-33.96
down(hh[dBm])	-48.72	-21.75	-30.88



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

	Min	Max	Mean
up/down (dB)	-15.84	20.47	0.08
down/down-fore (dB)	-10.11	17.97	4.28



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.19	3.45	1.97	0.29
b4, hhhh(rg5[m/s])	11.29	15.33	12.84	0.80
b2, hhhh(rg5[m/s])	-2.83	0.79	-1.45	0.44