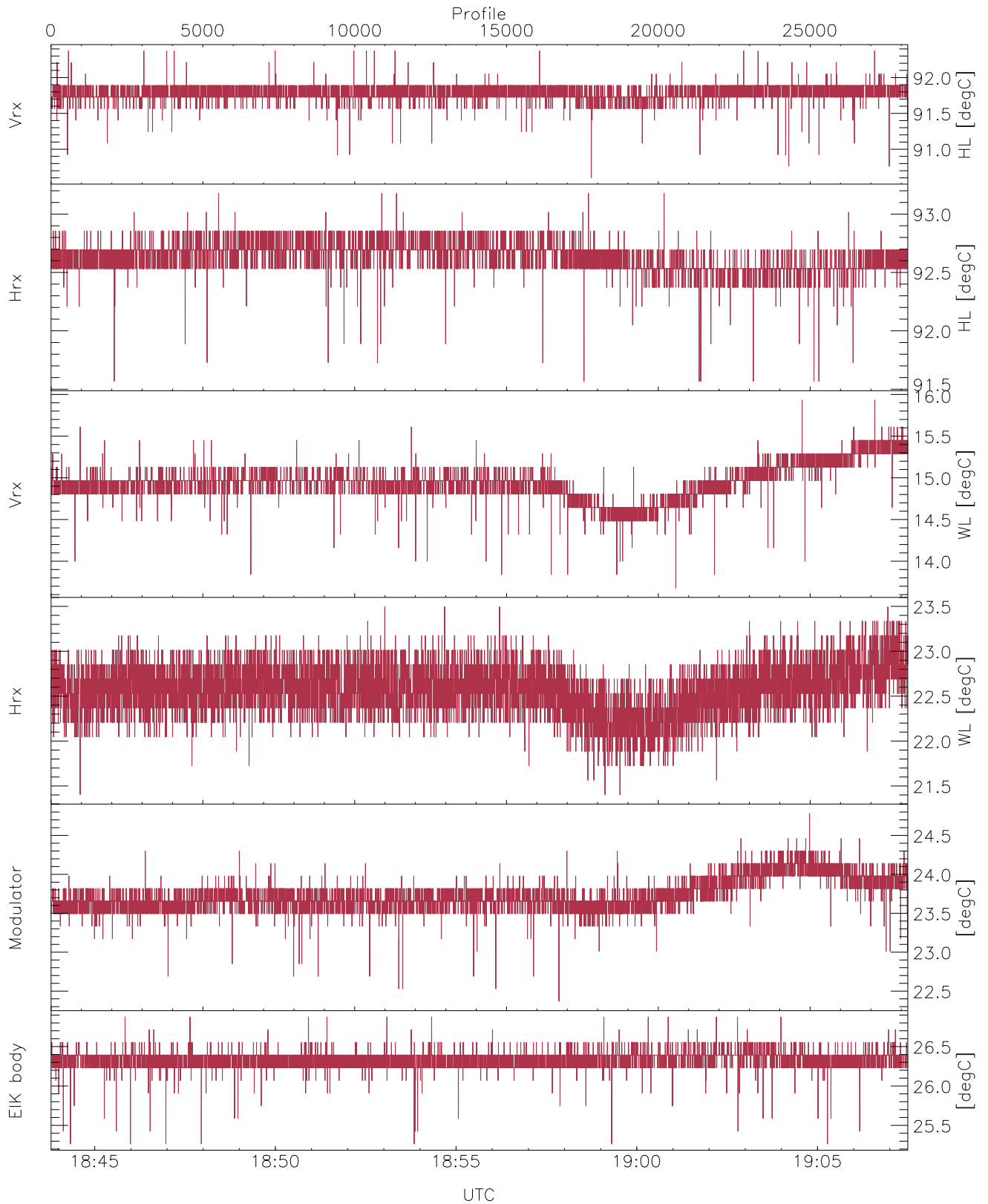


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

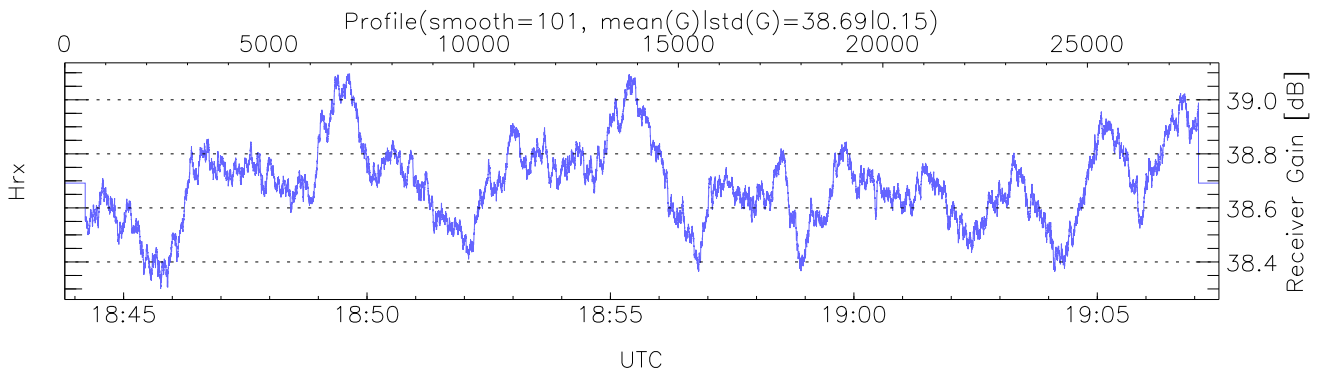
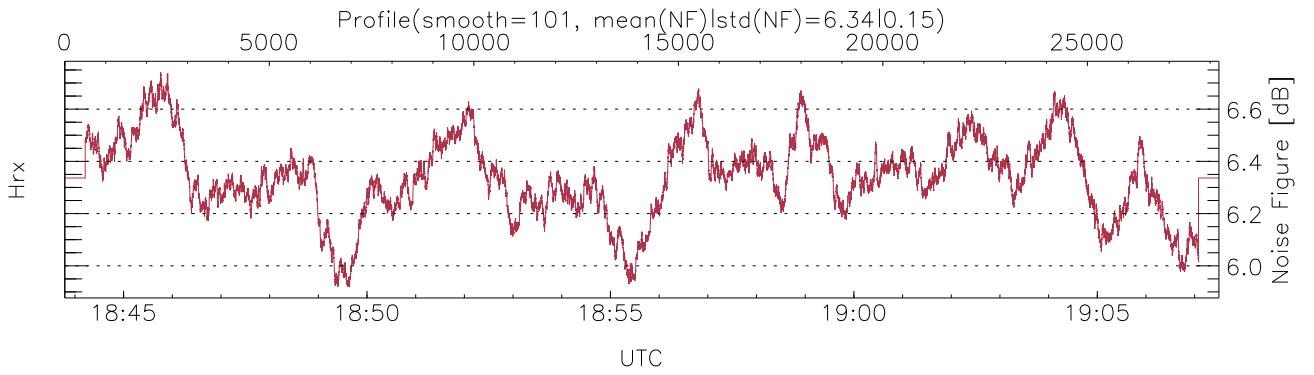
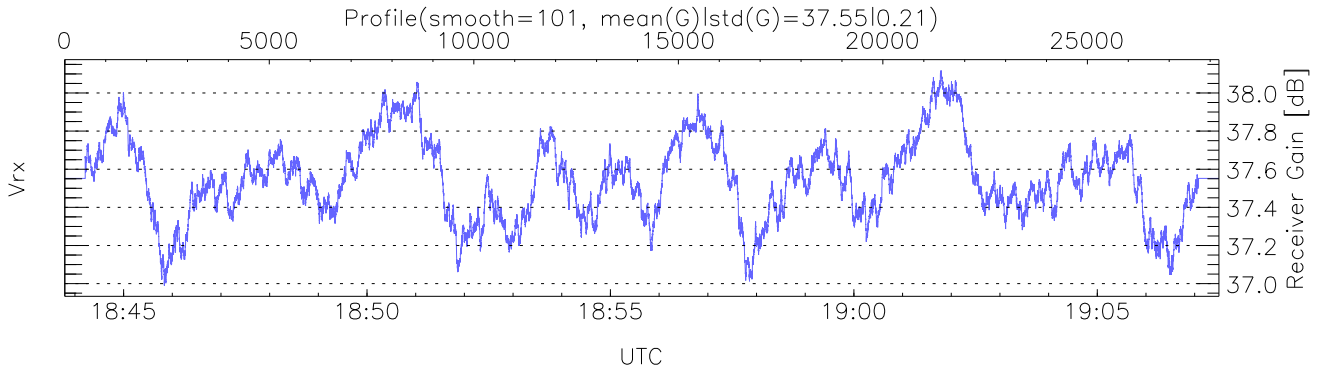
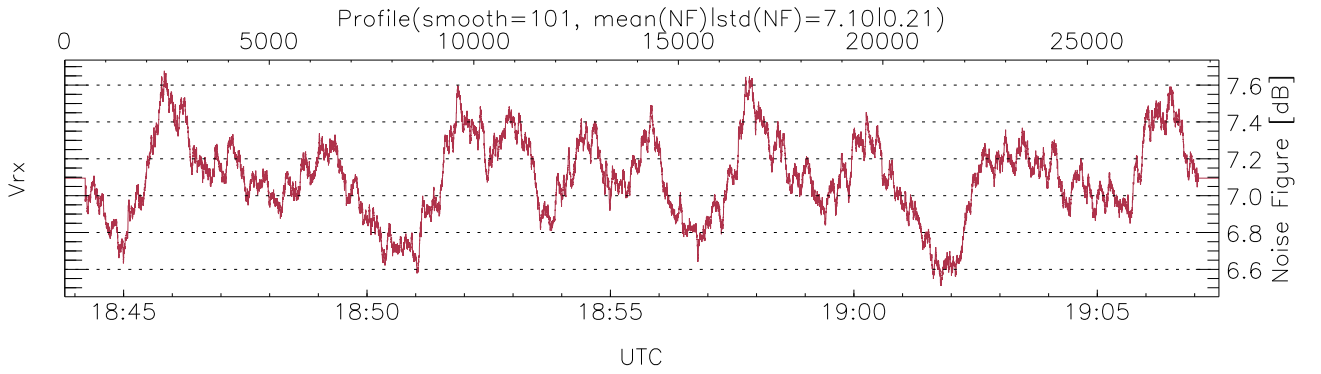
UTC: 18:43:48-19:07:30, Dur: 1422.44s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 28217/28217, 0-28216/18:43:48-19:07:30  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 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

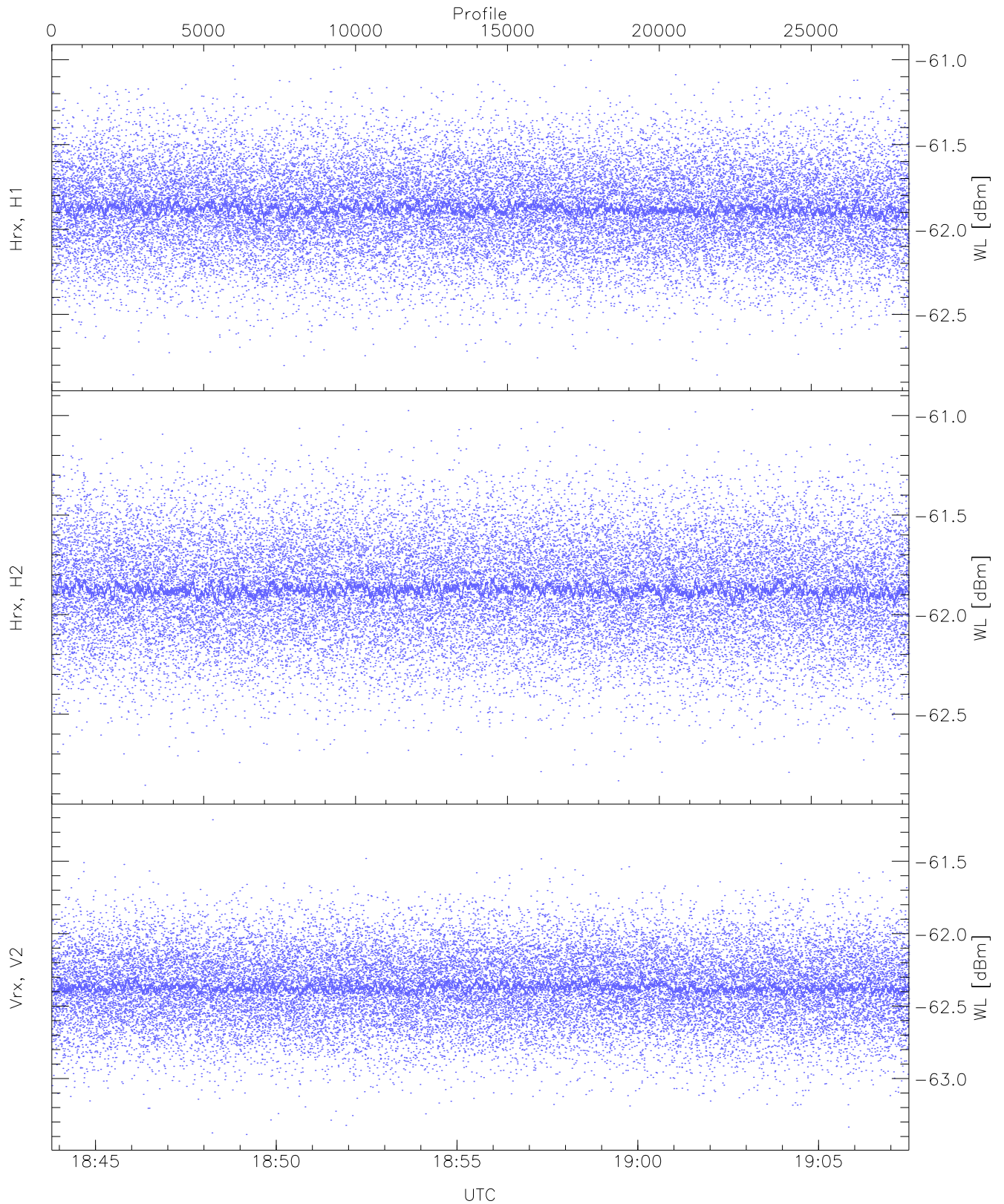
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,22,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,24,26`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,20,20,20,10)`



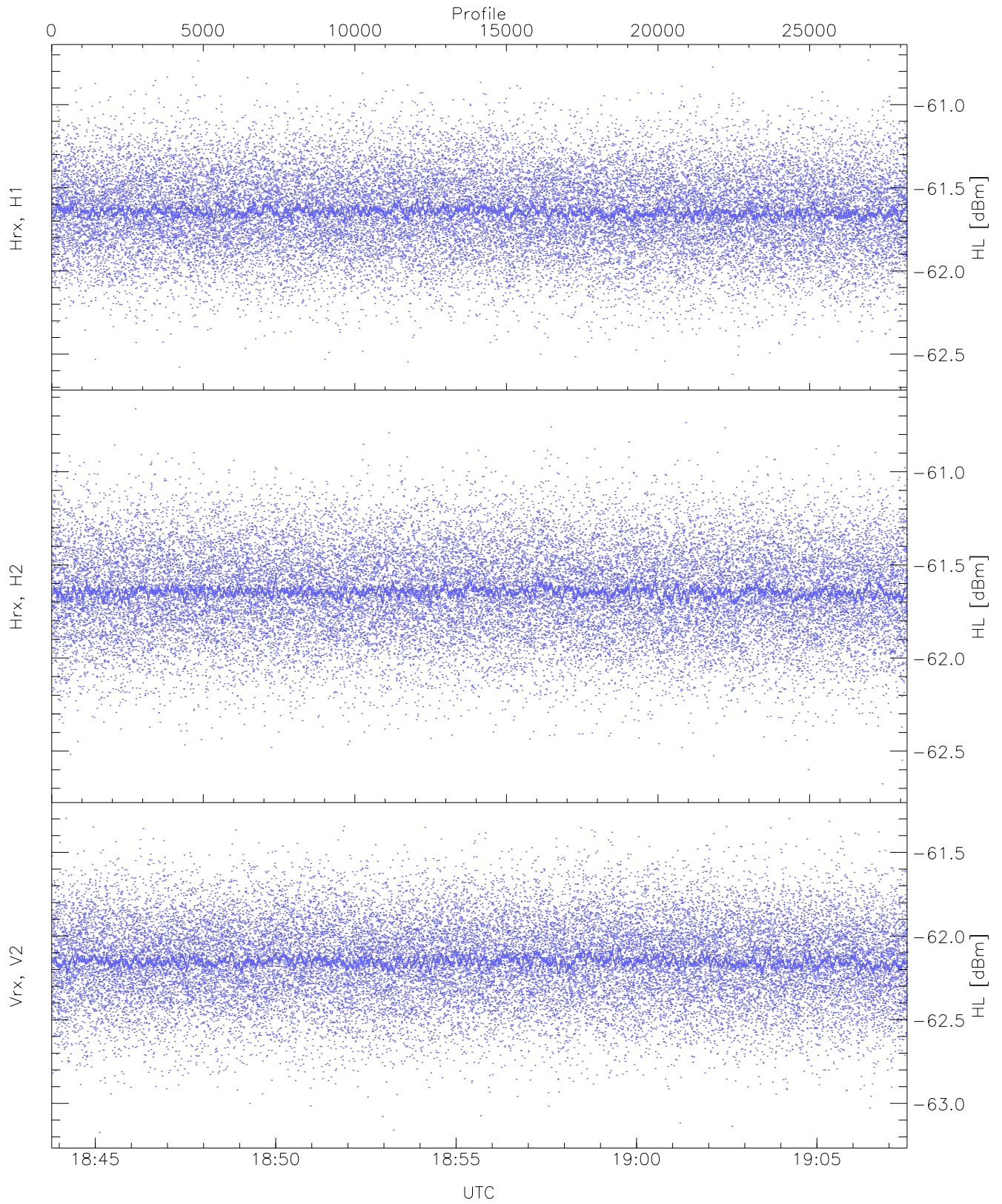
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 12167 pixs, 75 gates, 10342 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

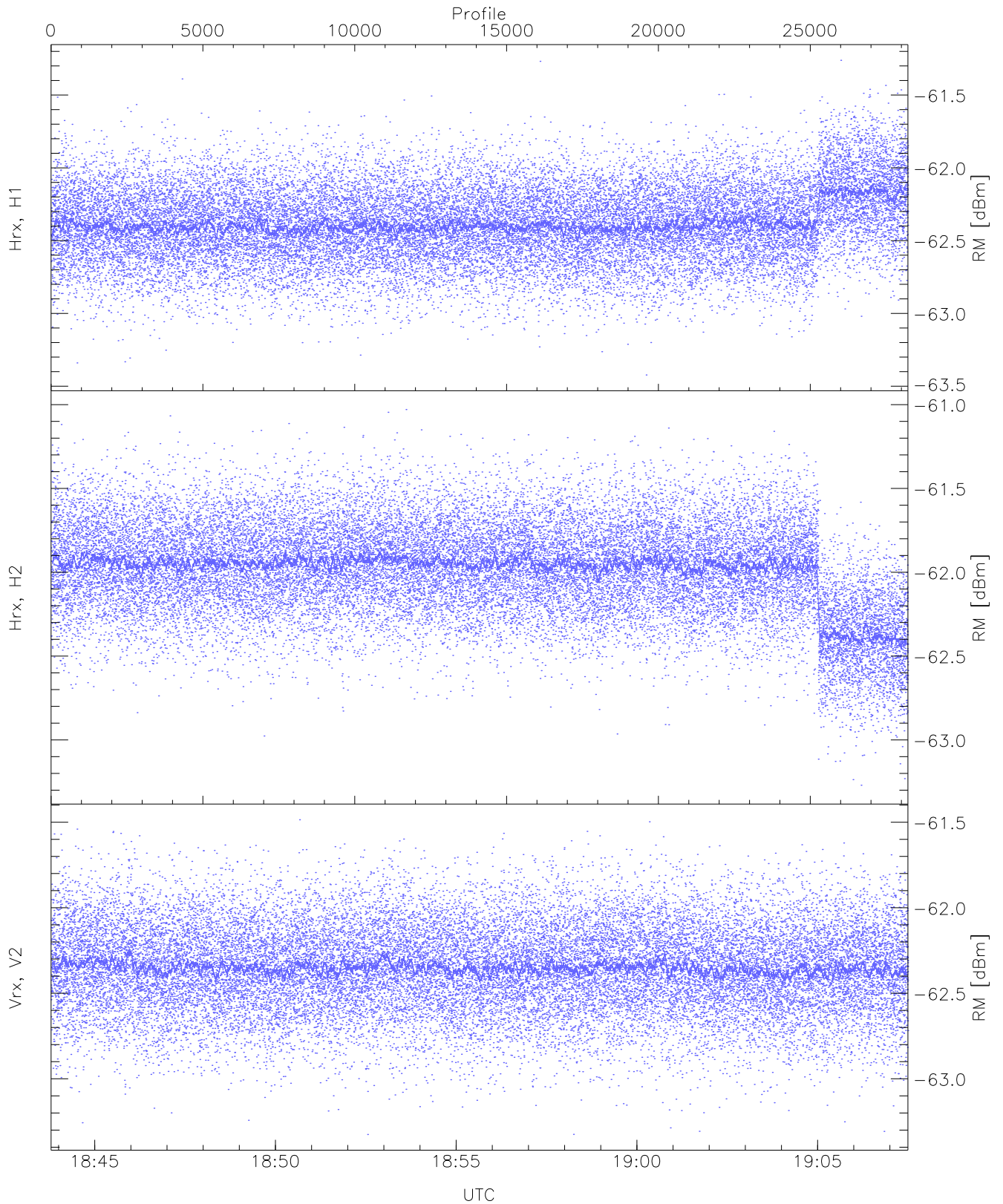
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.86	-61.00	-61.88	-61.88	-74.46
Hrx, H2 (WL [dBm])	-62.86	-60.97	-61.87	-61.88	-74.43
Vrx, V2 (WL [dBm])	-63.39	-61.21	-62.37	-62.37	-74.90



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

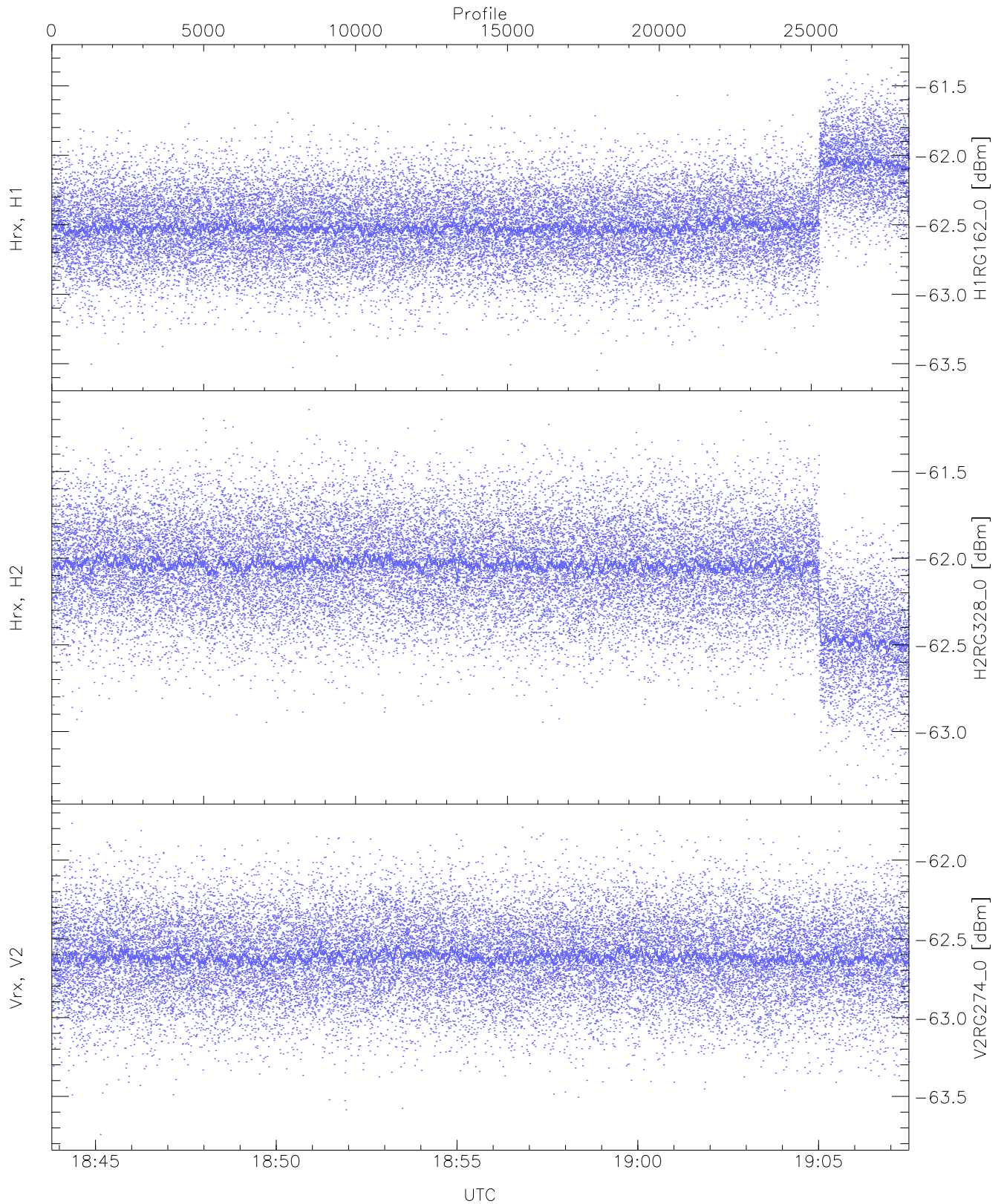
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.62	-60.73	-61.64	-61.65	-74.22
Hrx, H2 (HL [dBm])	-62.68	-60.66	-61.64	-61.65	-74.23
Vrx, V2 (HL [dBm])	-63.17	-61.30	-62.15	-62.15	-74.68





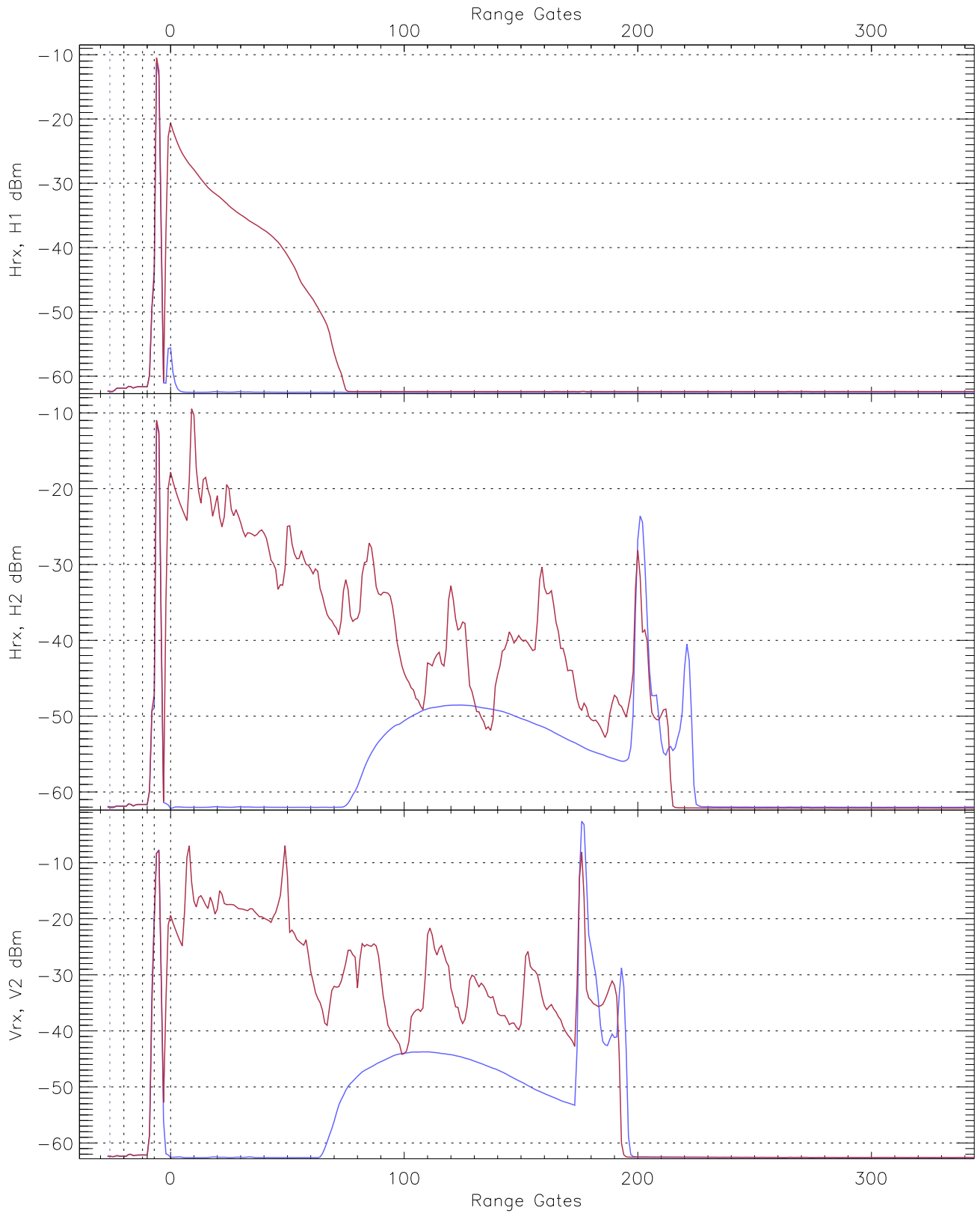
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.42	-61.26	-62.37	-62.38	-74.74
Hrx, H2(RM [dBm])	-63.27	-61.03	-61.99	-61.98	-73.98
Vrx, V2(RM [dBm])	-63.33	-61.49	-62.35	-62.35	-74.88



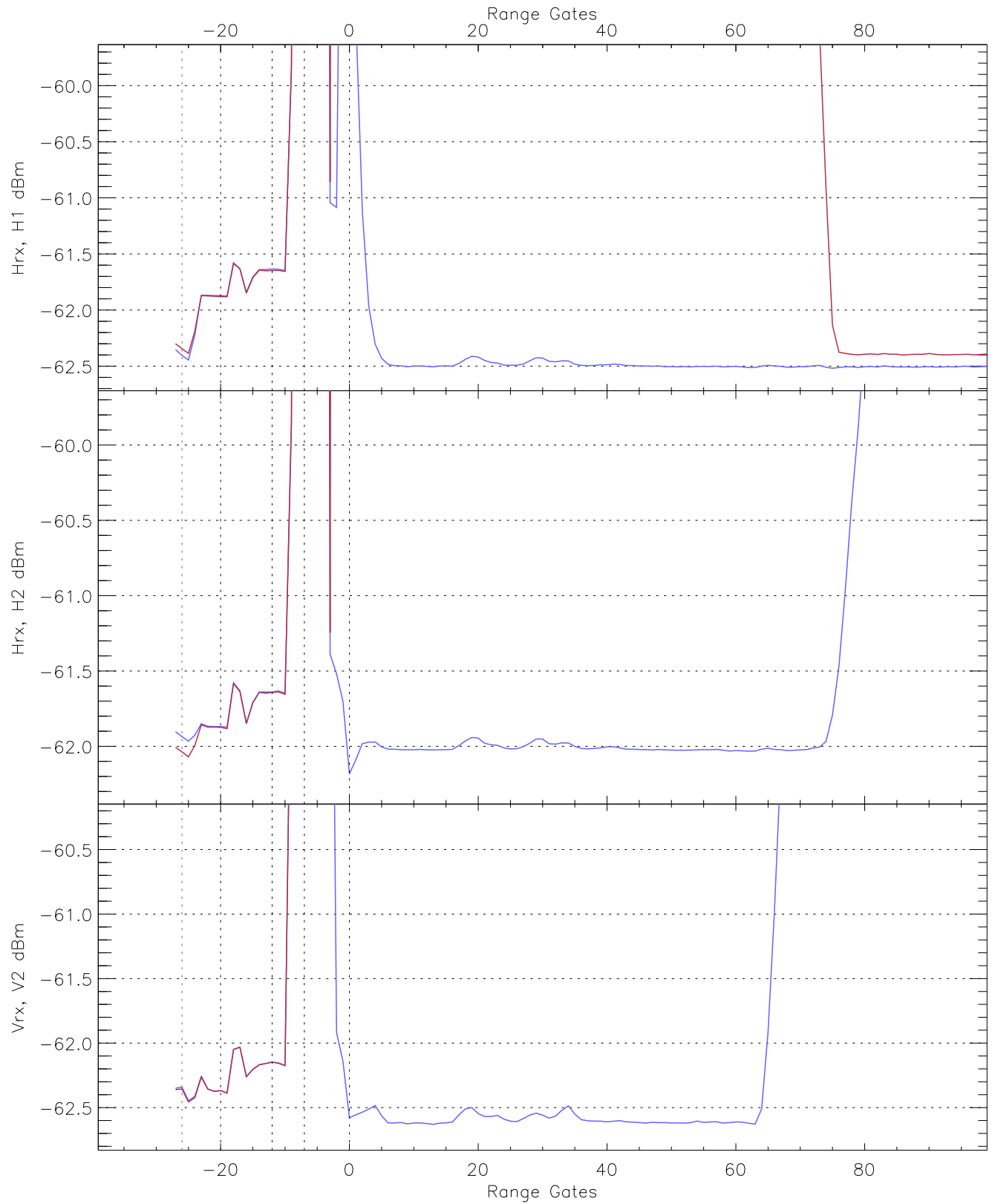
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.58	-61.32	-62.47	-62.49	-74.35
H2RG328_0 [dBm]	-63.31	-61.14	-62.08	-62.07	-74.08
V2RG274_0 [dBm]	-63.74	-61.74	-62.61	-62.62	-75.17

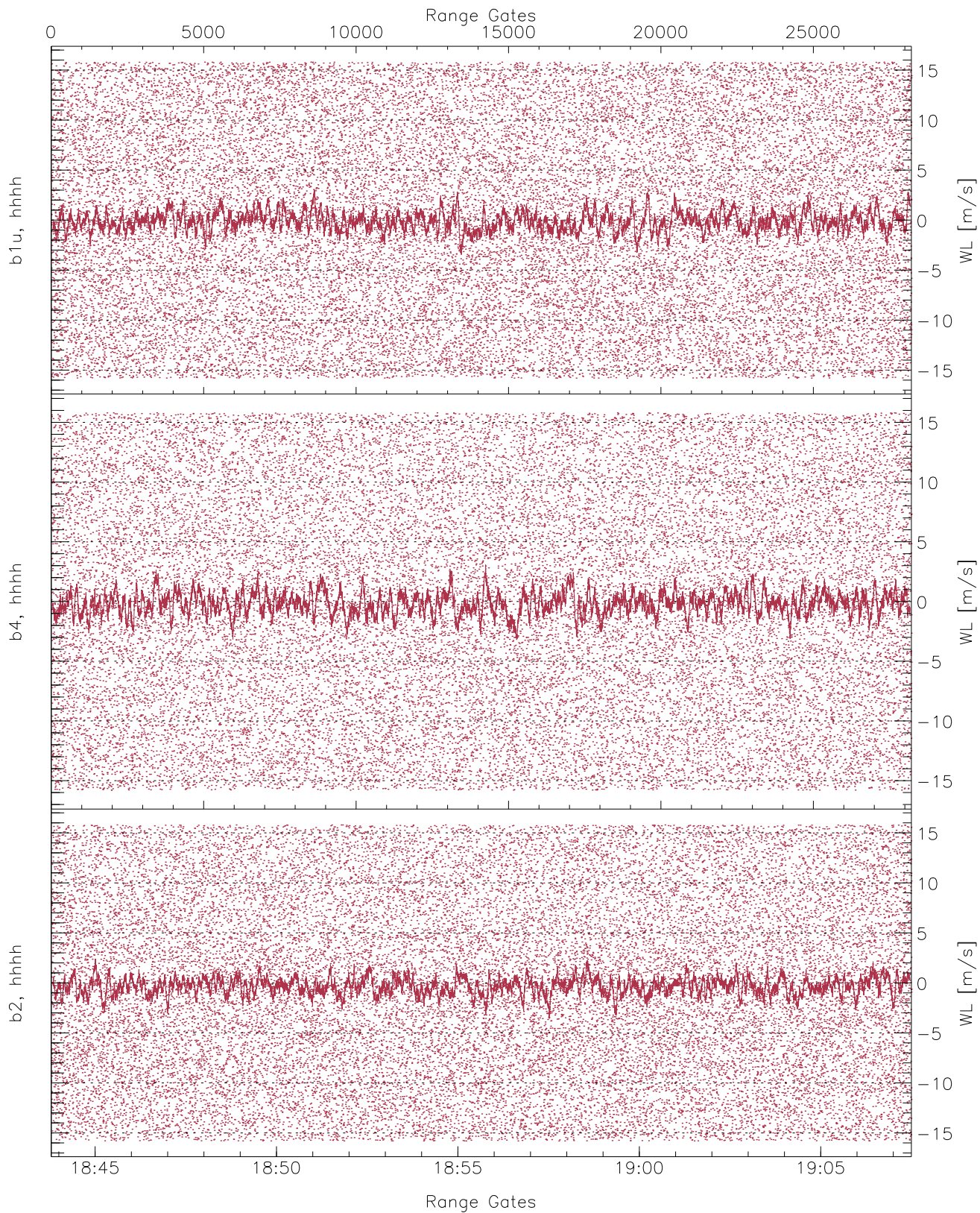


WCR2 CPP Averaged Received power for all recorded gates  
blue: 184348-185539, 14109 profiles averaged  
red: 185539-190730, 14109 profiles averaged

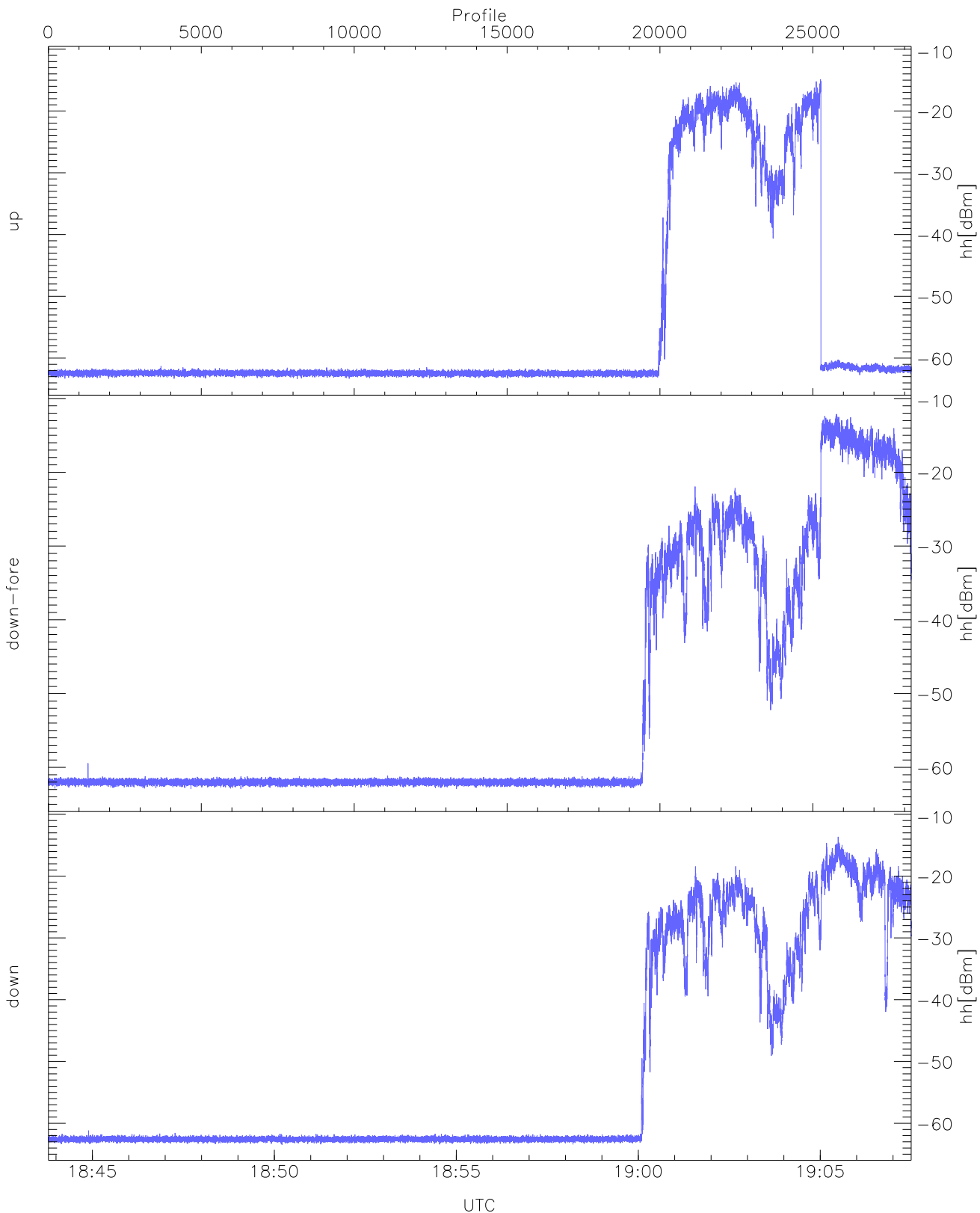




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 184348-185539, 14109 profiles averaged  
red: 185539-190730, 14109 profiles averaged

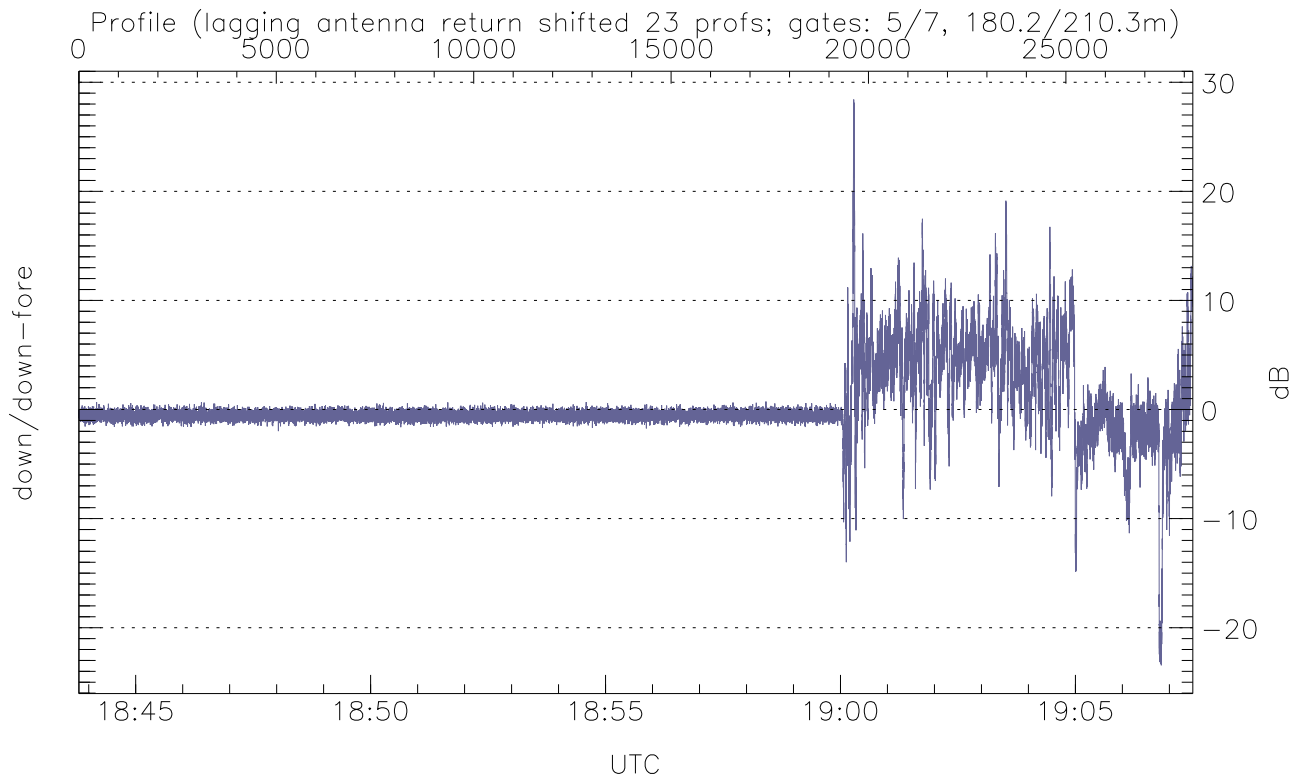
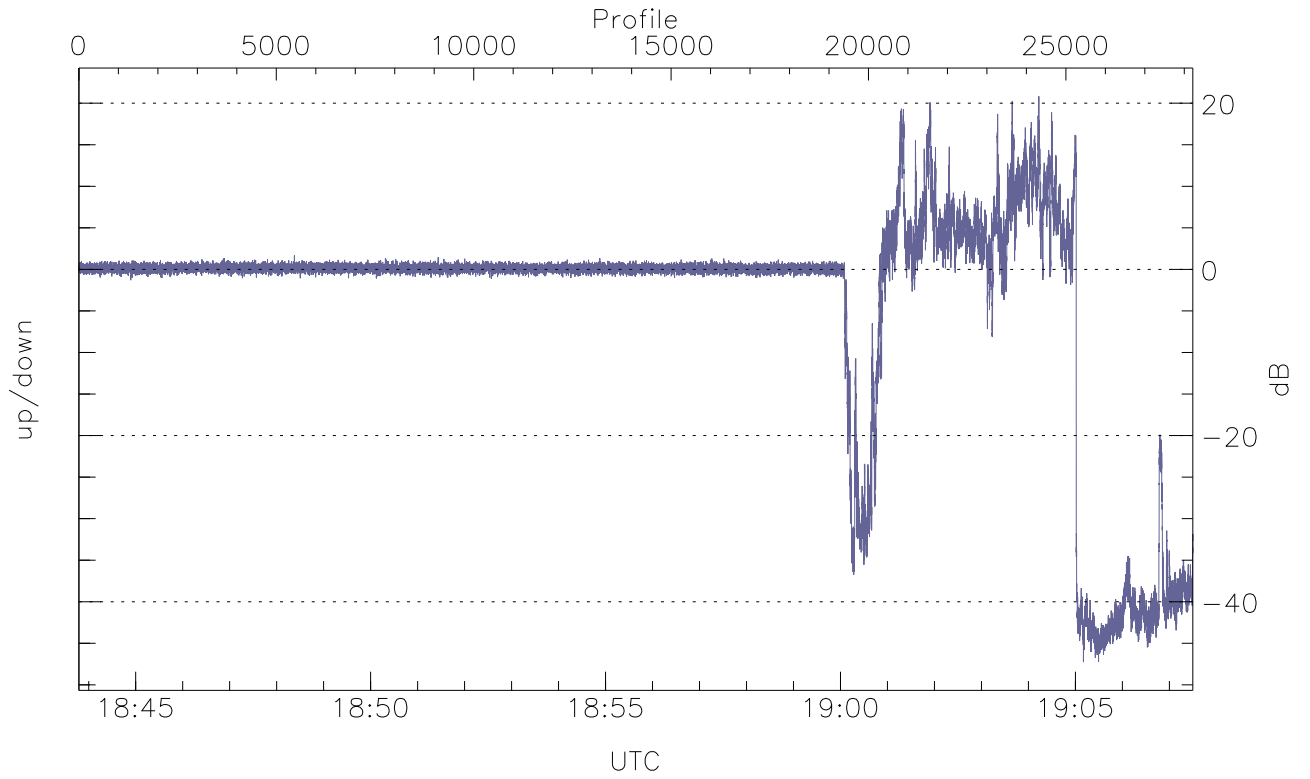


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

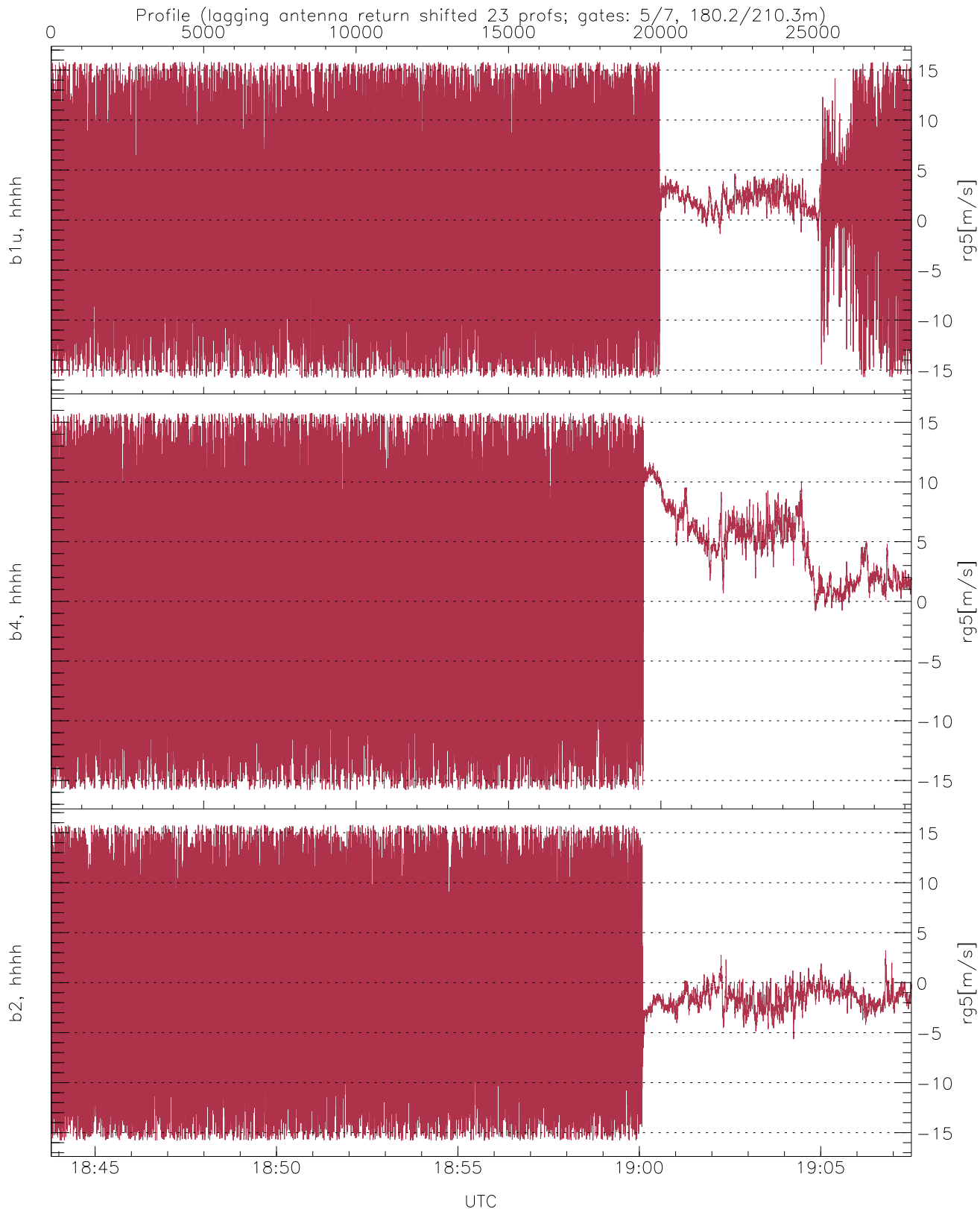
	Min	Max	Mean
up(hh [dBm])	-63.35	-14.87	-28.36
down-fore(hh [dBm])	-62.93	-12.11	-25.71
down(hh [dBm])	-63.42	-13.63	-27.87



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

	Min	Max	Mean
up/down (dB)	-47.26	20.83	-3.83
down/down-fore (dB)	-23.44	28.42	0.34





WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.60	7.47
b4, hhhh(rg5[m/s])	-15.80	15.80	1.43	7.98
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.83	7.51