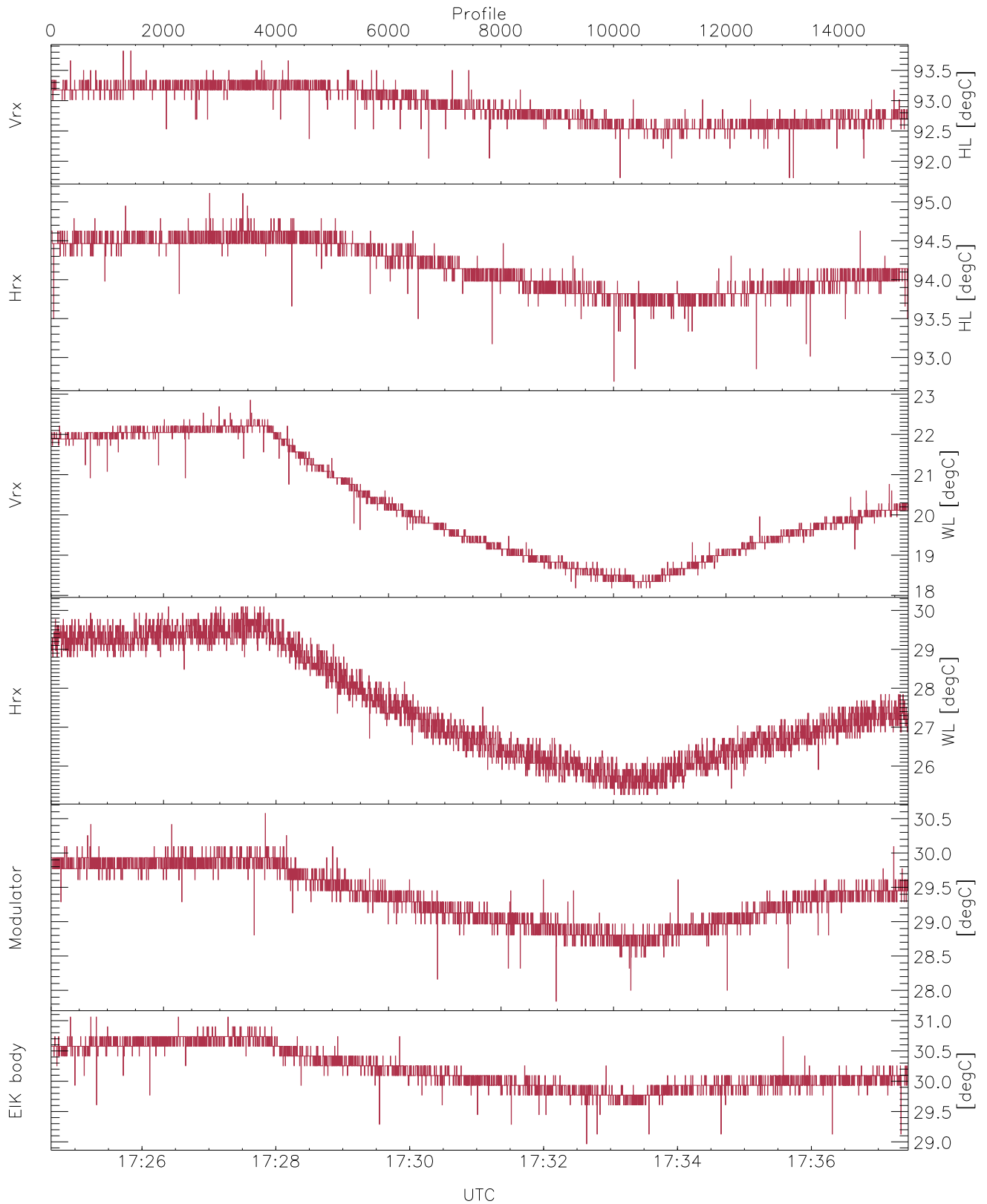


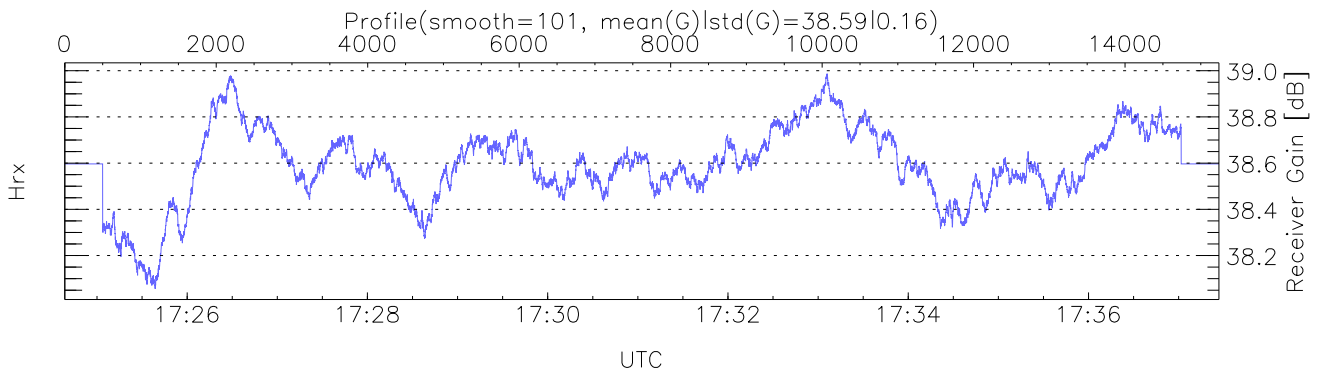
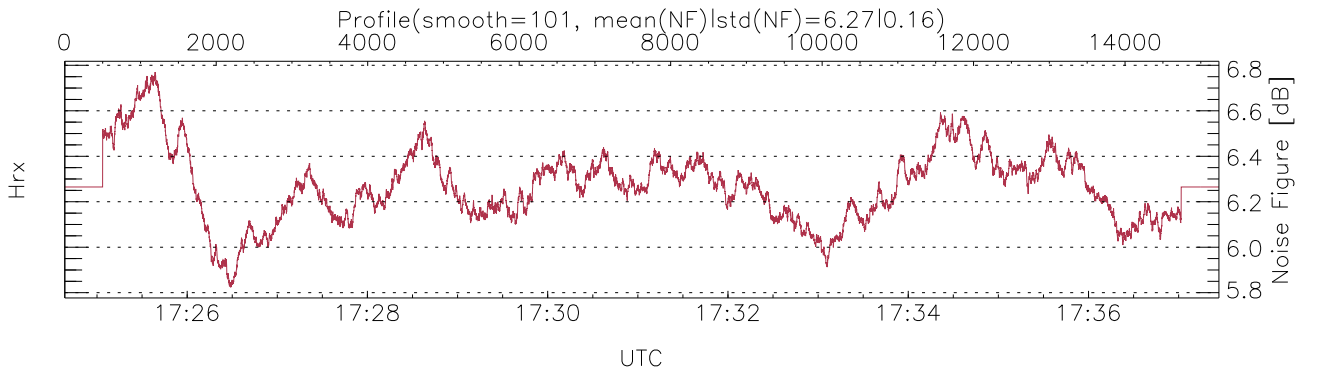
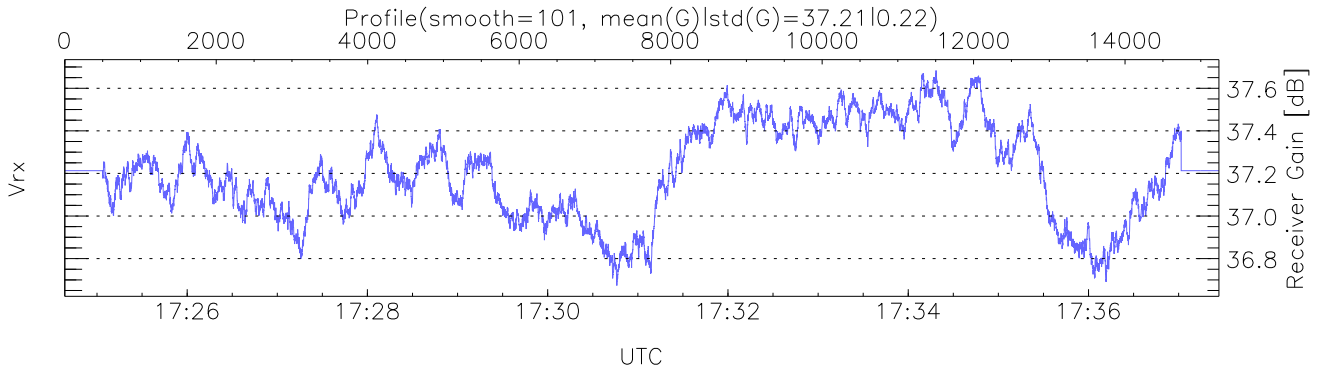
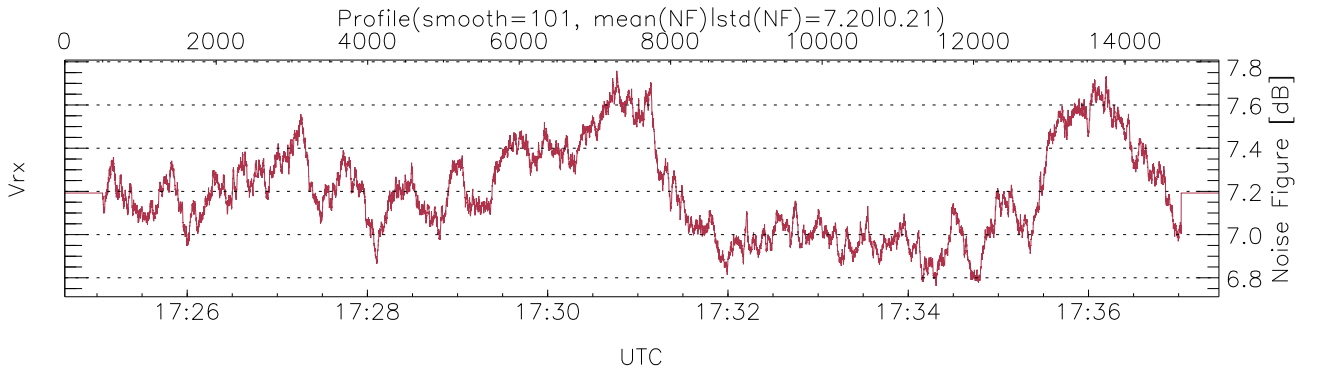
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:24:39-17:37:27, Dur: 768.29s  
 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): 15241/15241, 0-15240/17:24:39-17:37:27  
 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



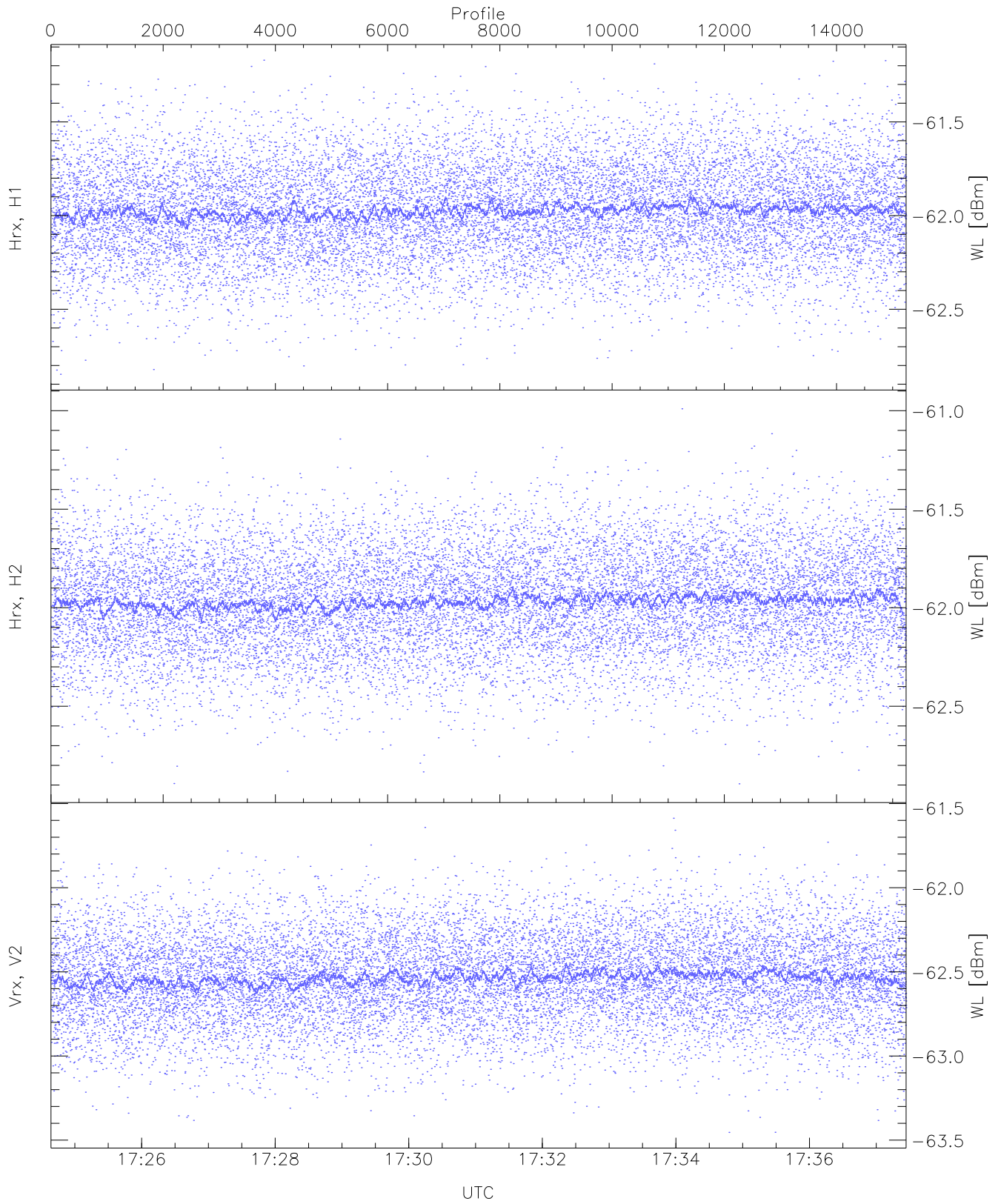
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,25,27,28`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty (11,11,11,11,11)`



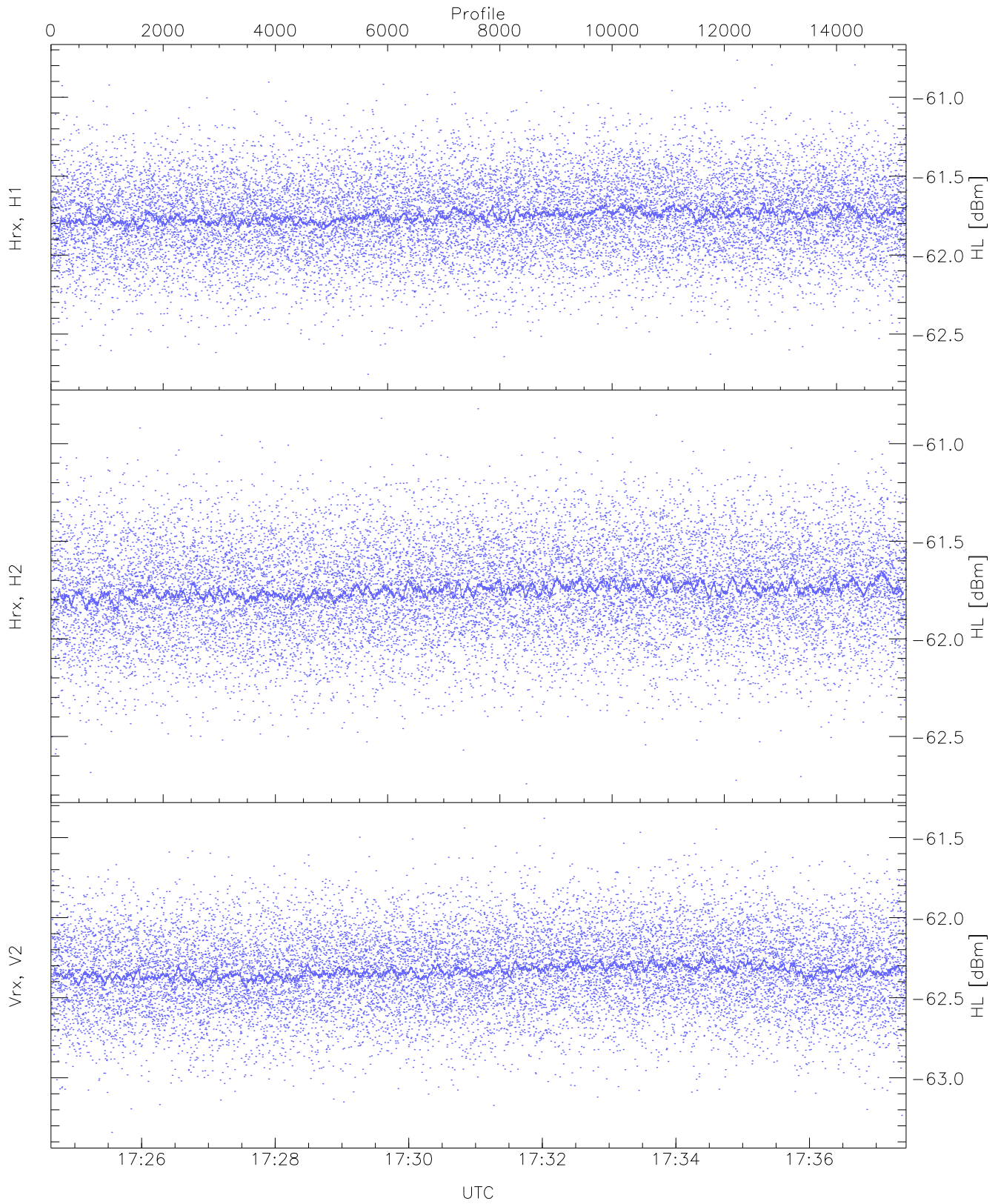
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7934 pixs, 19 gates, 7921 profs, 2 prods



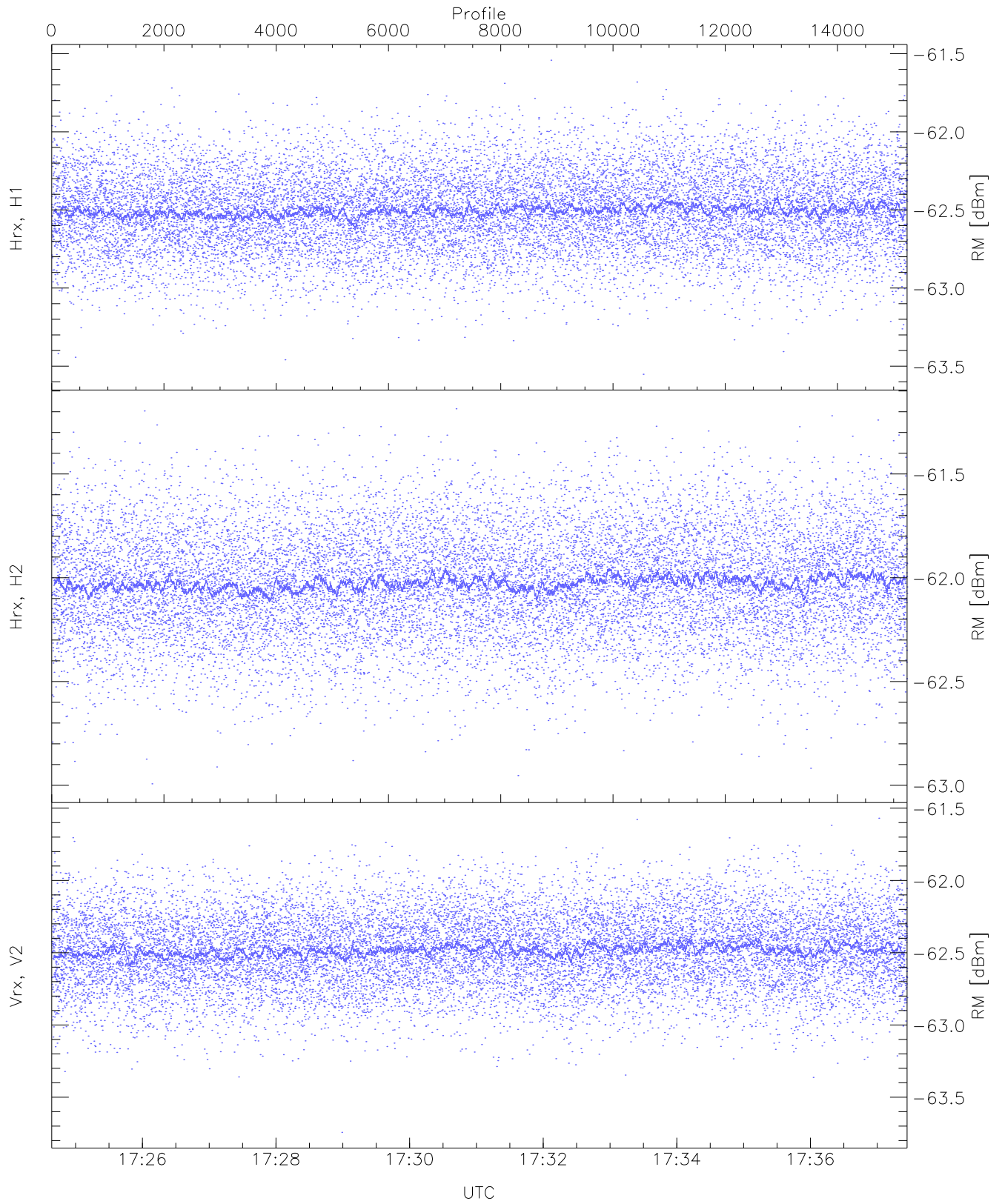
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.85	-61.17	-61.97	-61.98	-74.57
Hrx, H2 (WL [dBm])	-62.89	-60.99	-61.97	-61.97	-74.54
Vrx, V2 (WL [dBm])	-63.45	-61.59	-62.53	-62.54	-75.06



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

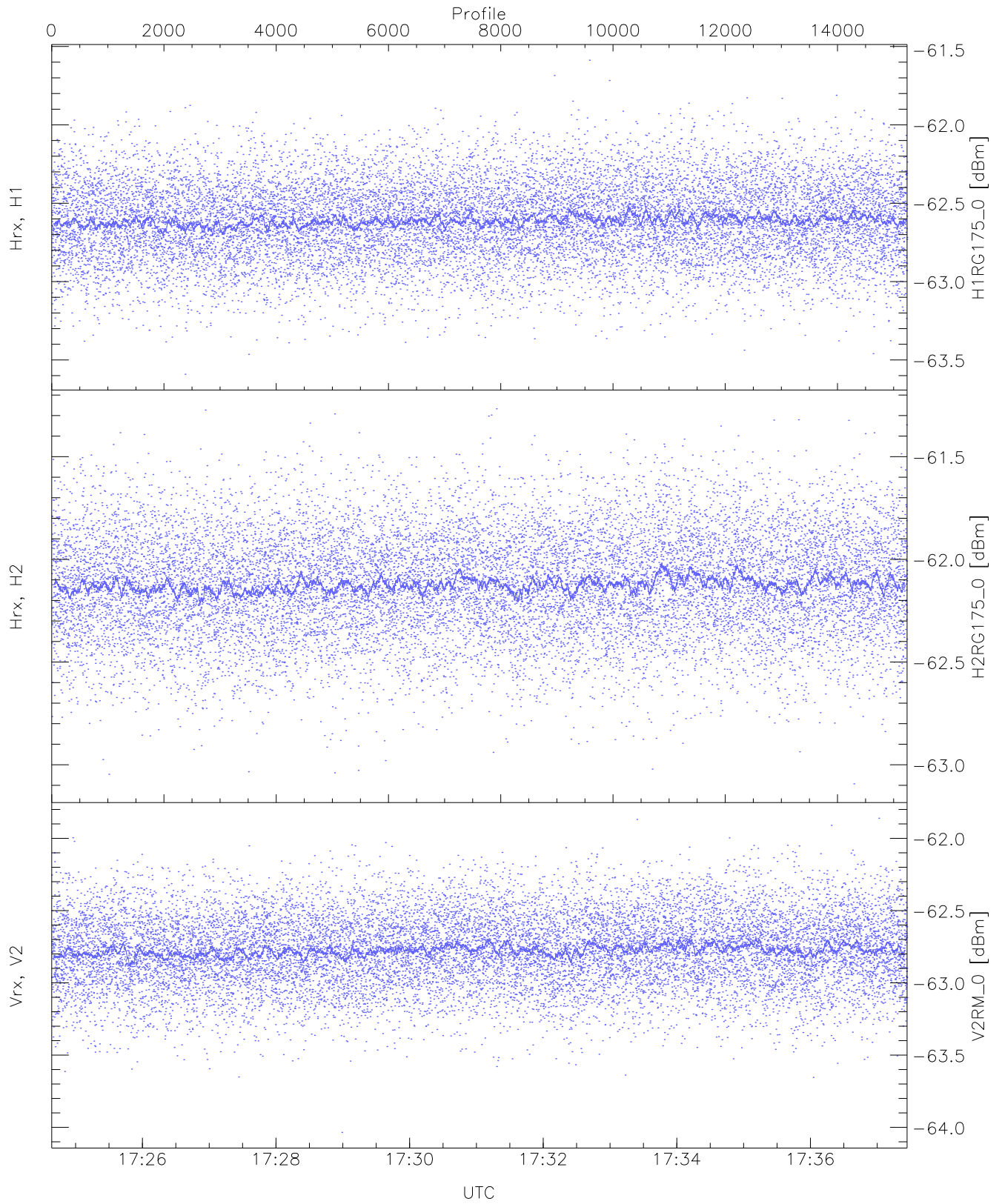
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.75	-60.77	-61.75	-61.75	-74.23
Hrx, H2 (HL [dBm])	-62.74	-60.82	-61.75	-61.75	-74.34
Vrx, V2 (HL [dBm])	-63.34	-61.38	-62.33	-62.34	-74.86



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

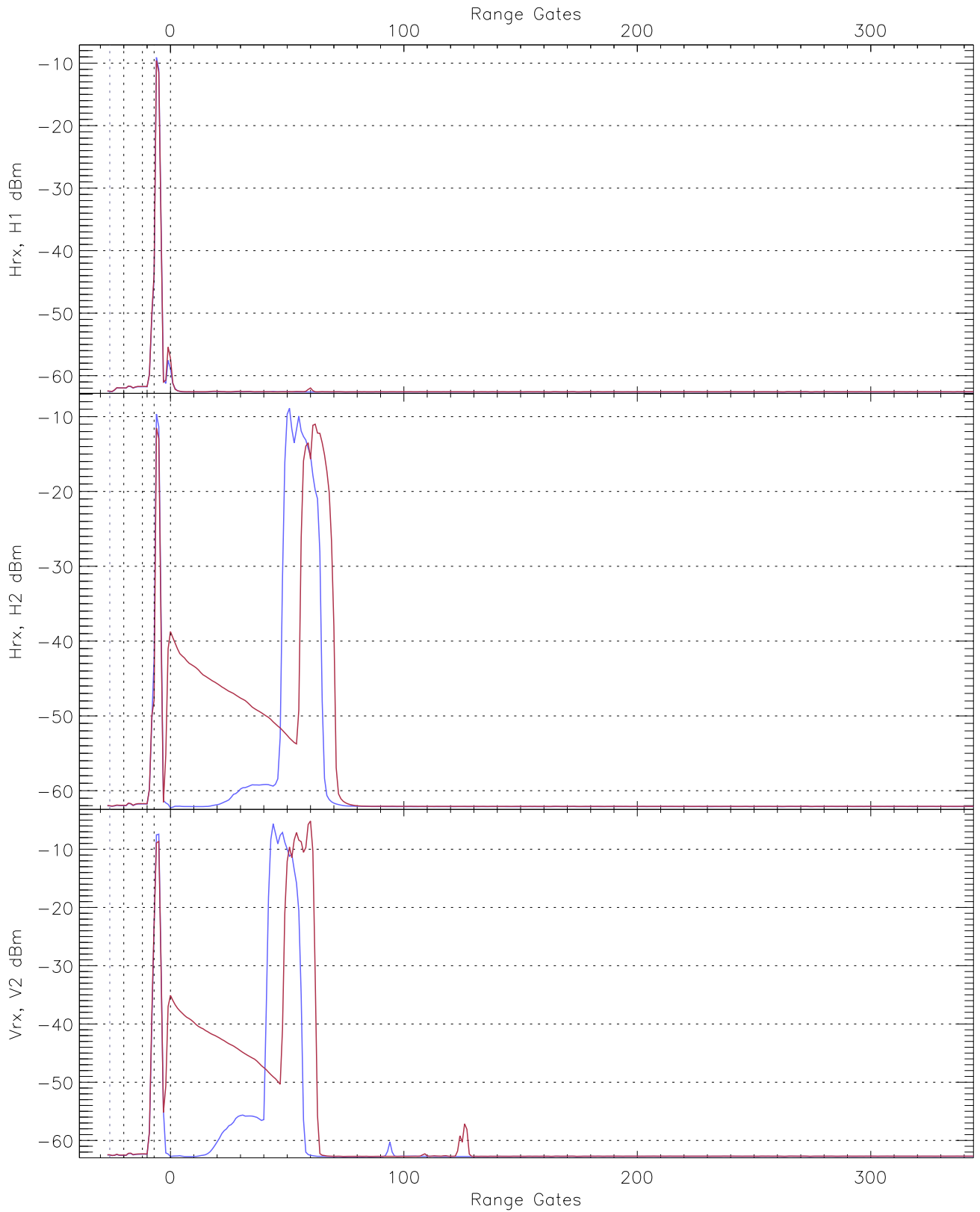
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.55	-61.54	-62.50	-62.51	-75.05
Hrx, H2 (RM [dBm])	-62.99	-61.19	-62.02	-62.03	-74.60
Vrx, V2 (RM [dBm])	-63.74	-61.57	-62.48	-62.48	-74.99





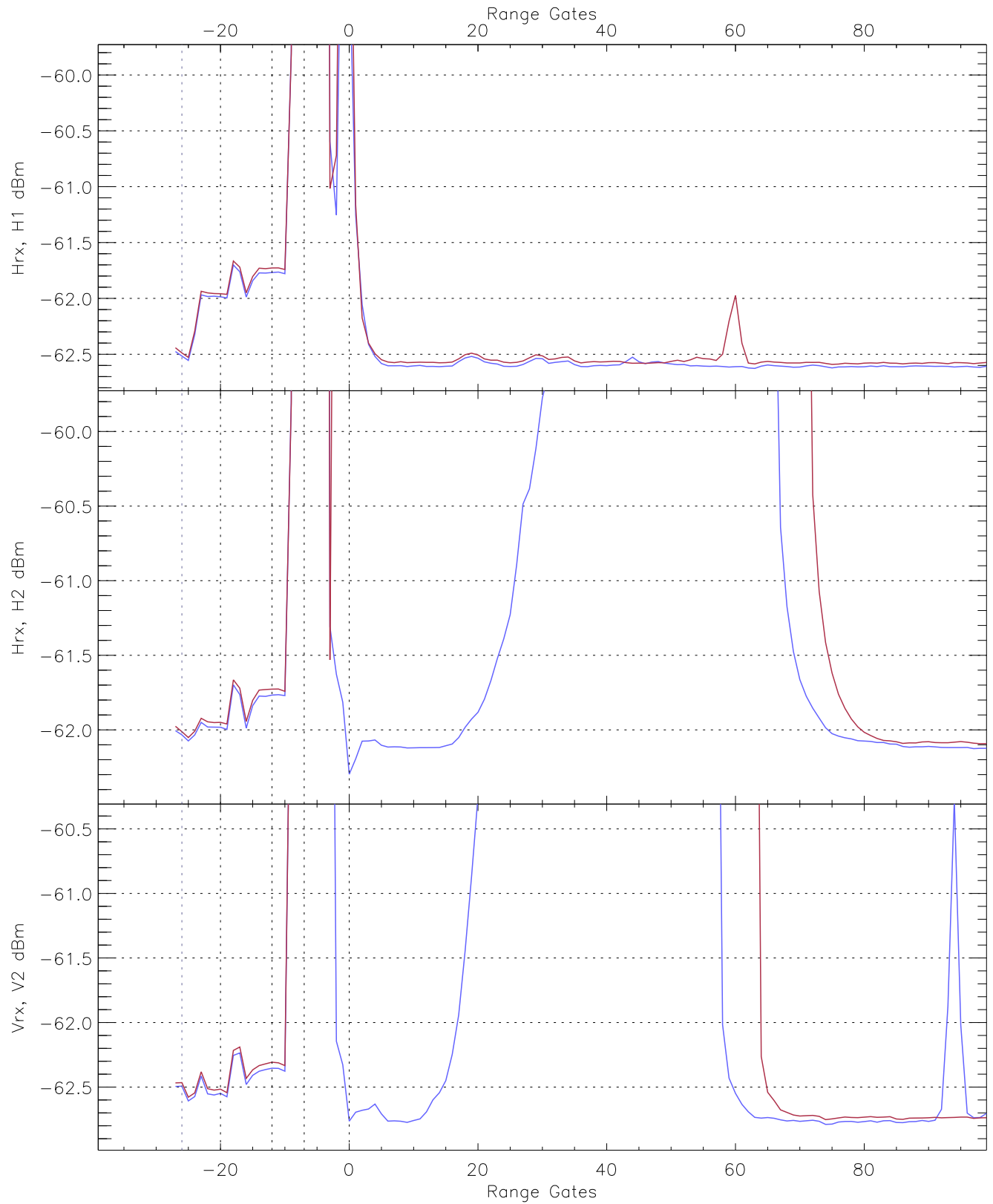
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.59	-61.59	-62.61	-62.61	-75.18
H2RG175_0 [dBm]	-63.09	-61.27	-62.12	-62.12	-74.68
V2RM_0 [dBm]	-64.03	-61.86	-62.77	-62.78	-75.28

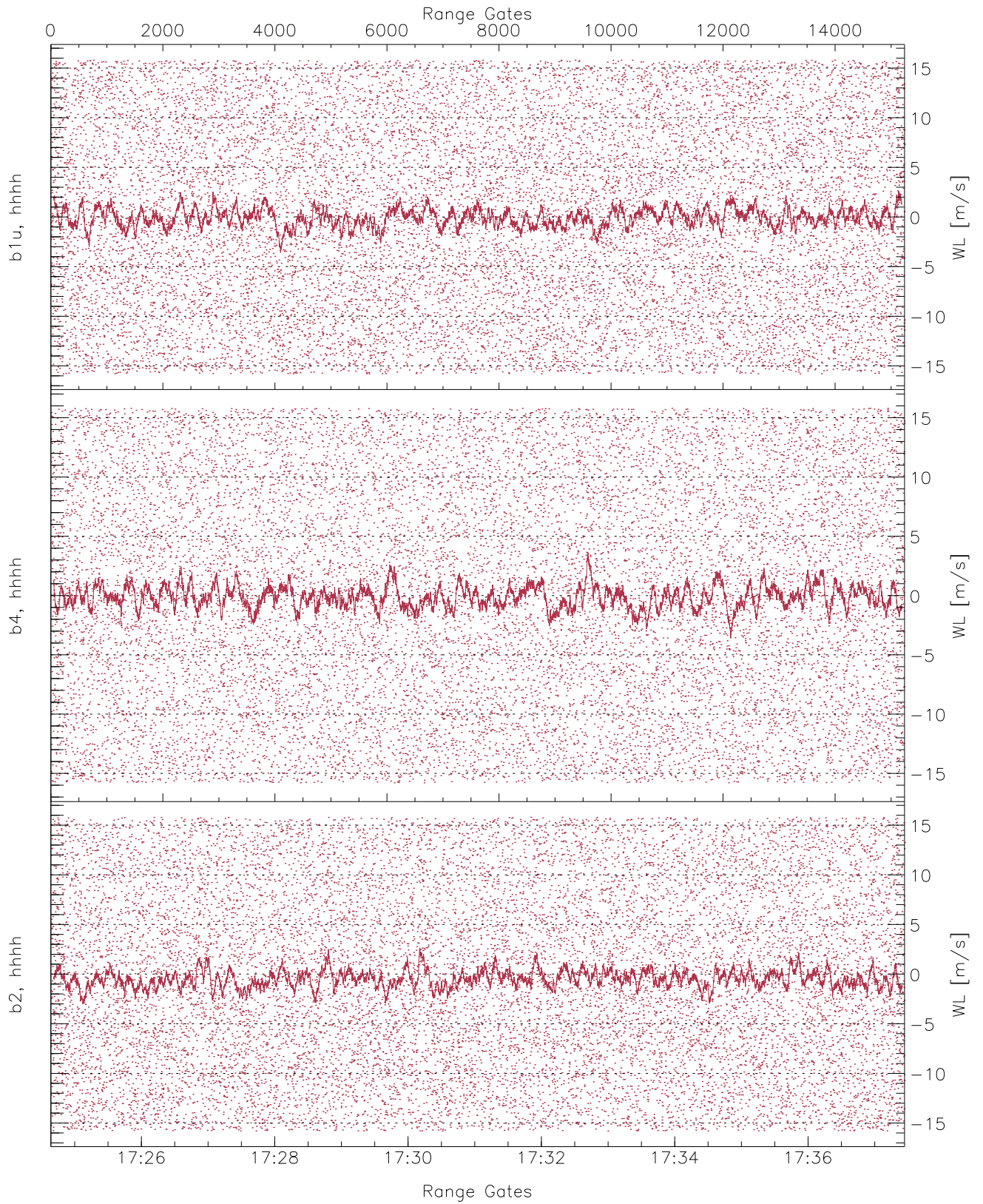


WCR2 CPP Averaged Received power for all recorded gates  
blue: 172439-173103, 7621 profiles averaged  
red: 173103-173727, 7621 profiles averaged

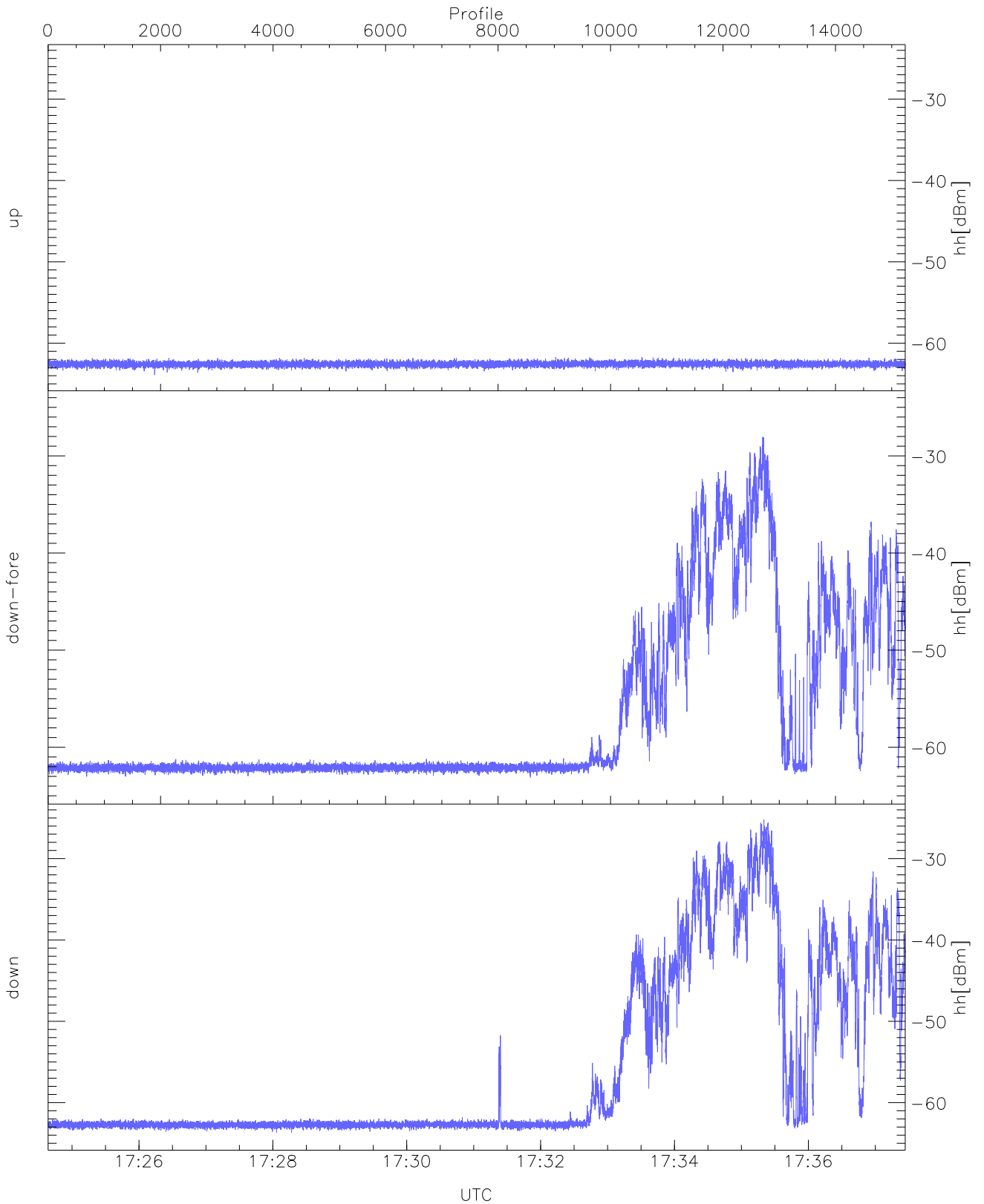




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 172439-173103, 7621 profiles averaged  
red: 173103-173727, 7621 profiles averaged

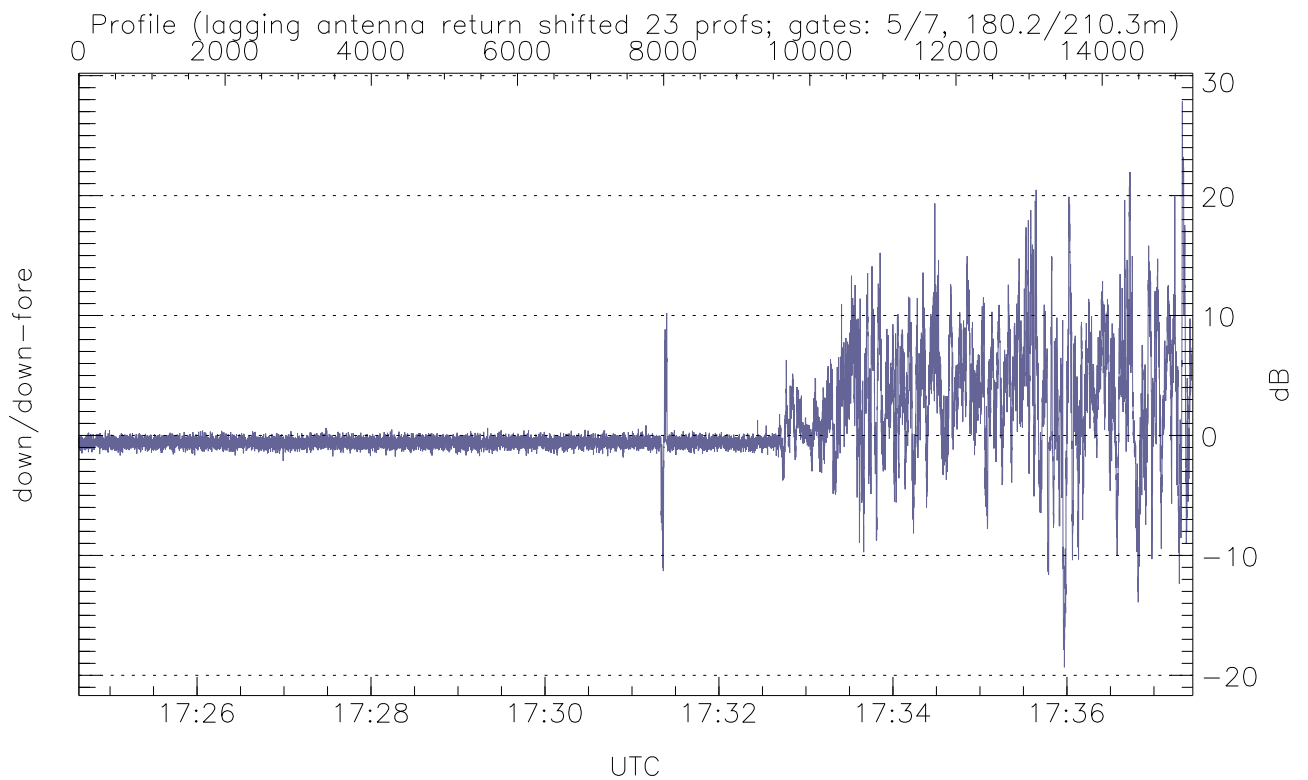
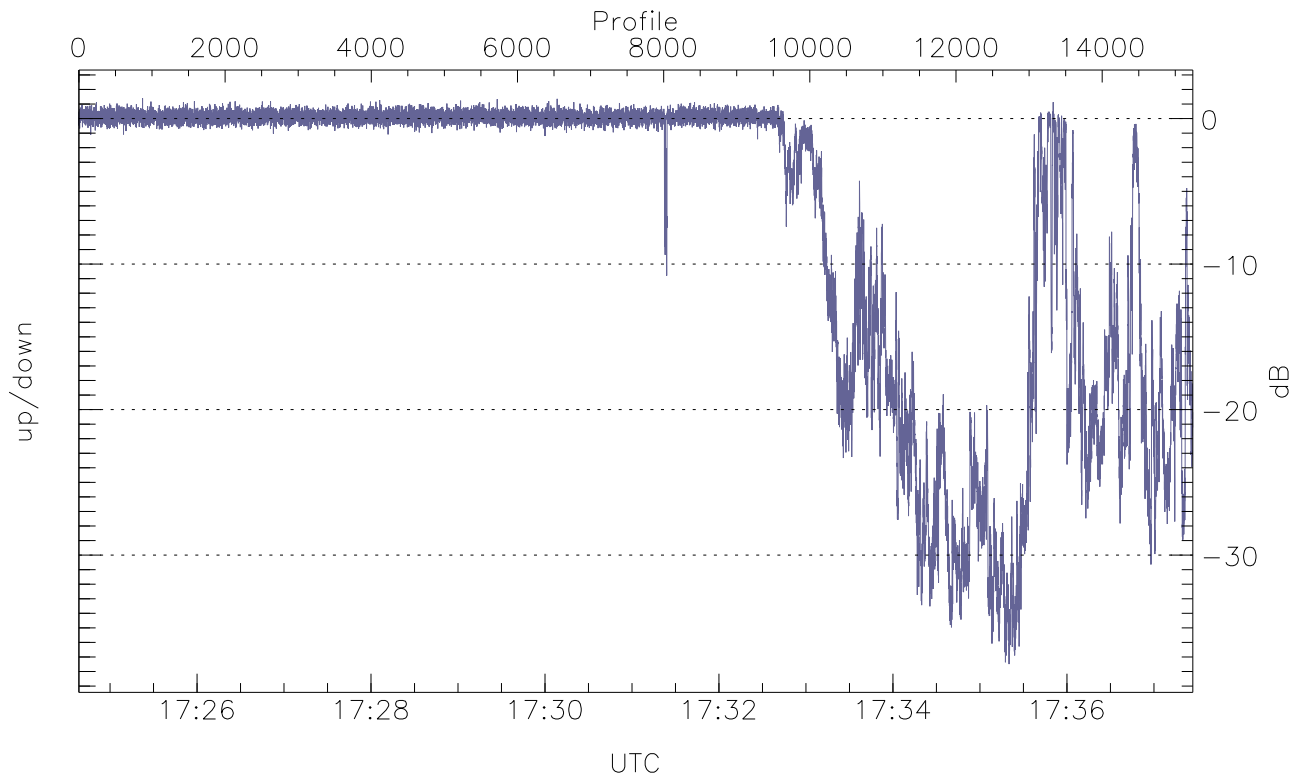


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



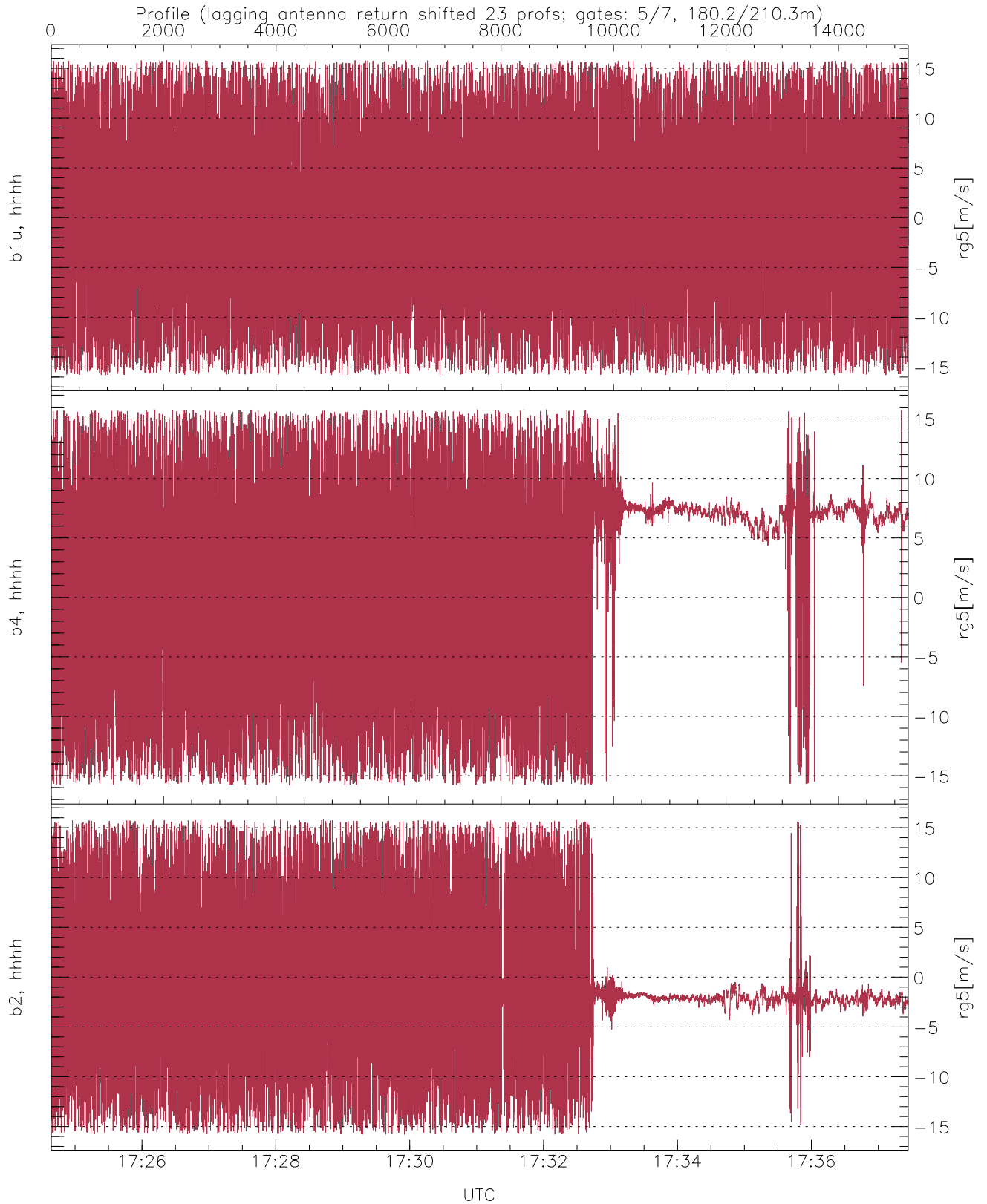
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.91	-61.70	-62.57
down-fore(hh[dBm])	-63.11	-28.06	-44.95
down(hh[dBm])	-63.69	-25.23	-41.12



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

	Min	Max	Mean
up/down (dB)	-37.49	1.39	-6.68
down/down-fore (dB)	-19.33	27.84	0.87



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.22	8.98
b4, hhhh(rg5[m/s])	-15.80	15.80	2.54	8.06
b2, hhhh(rg5[m/s])	-15.80	15.80	-1.18	7.14