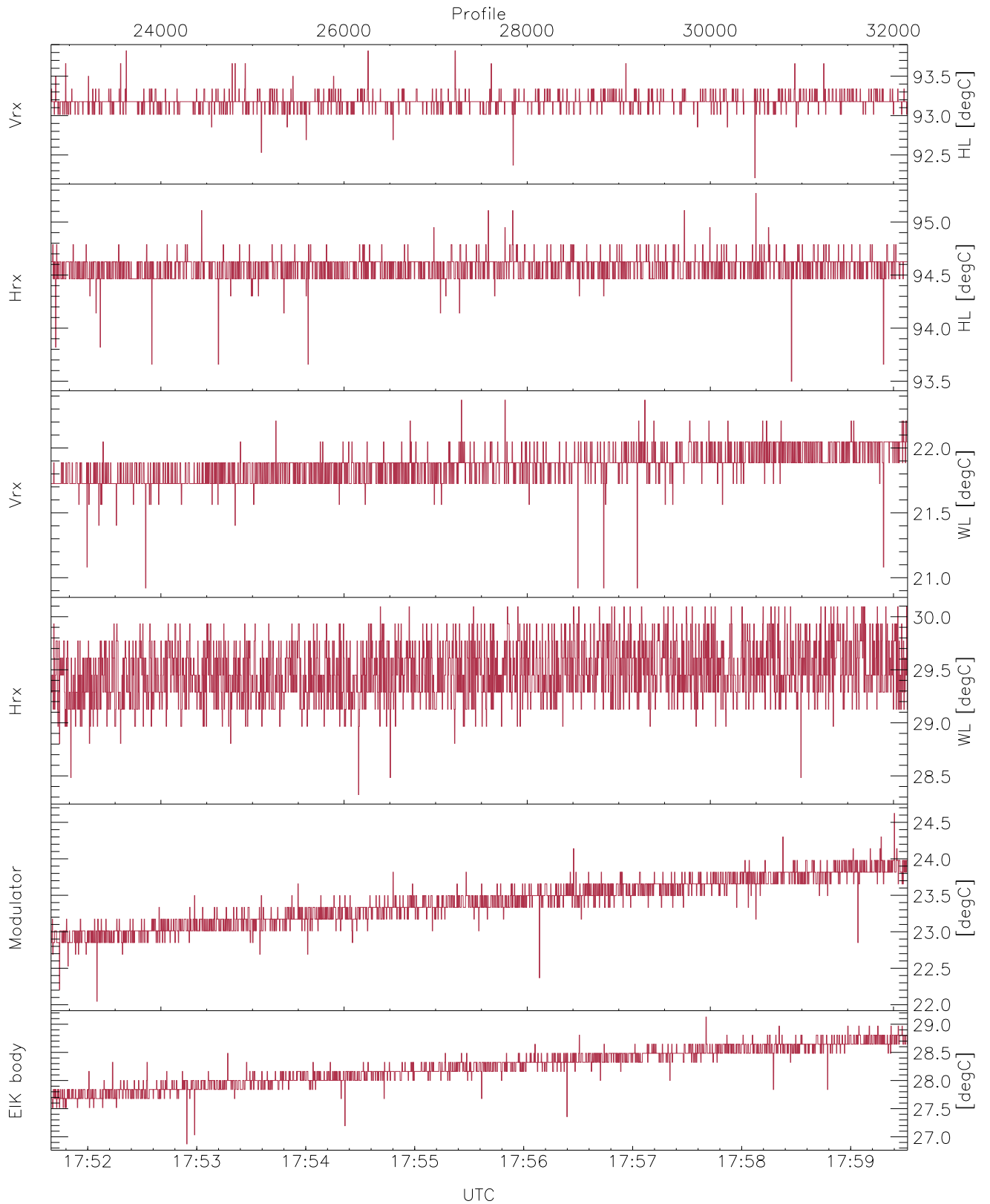


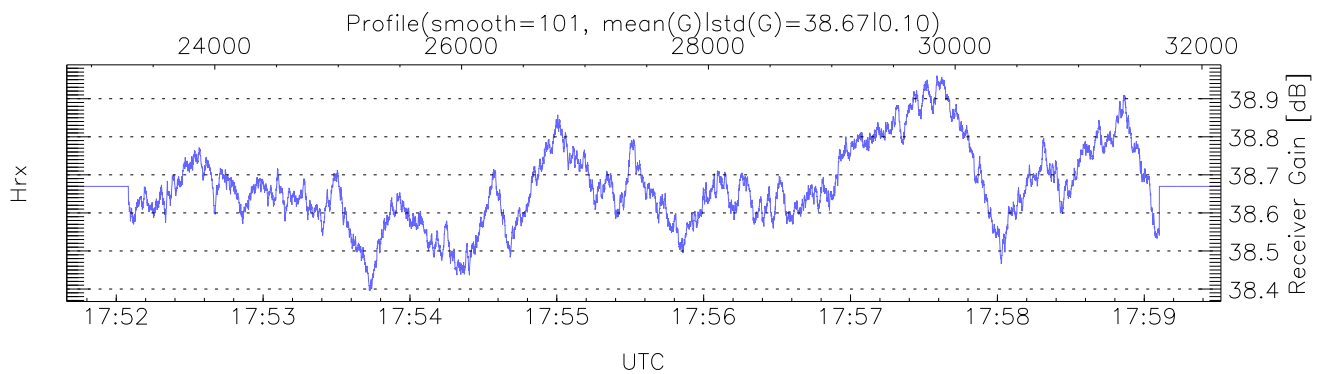
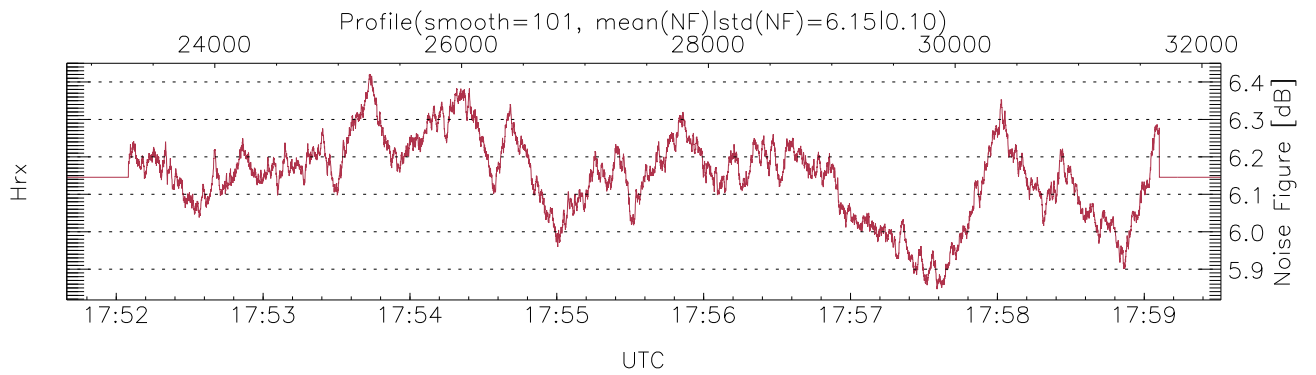
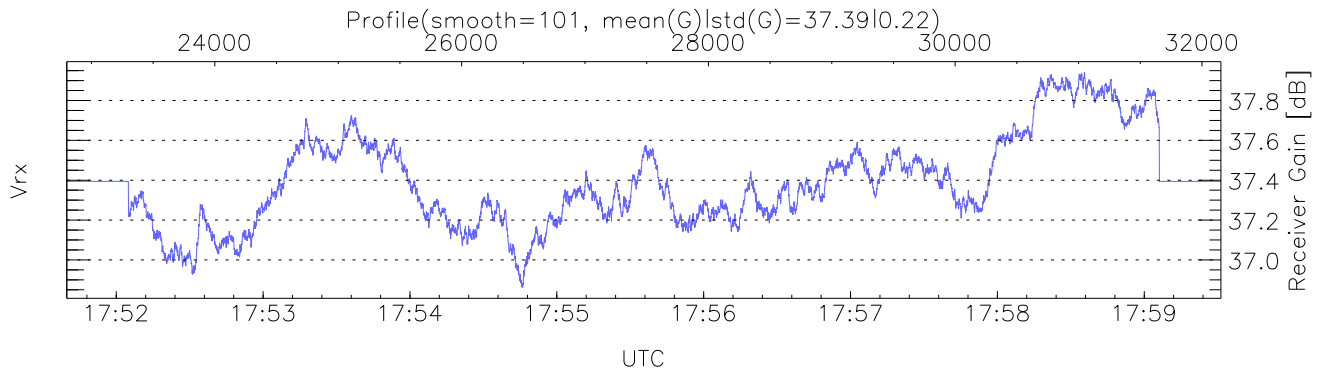
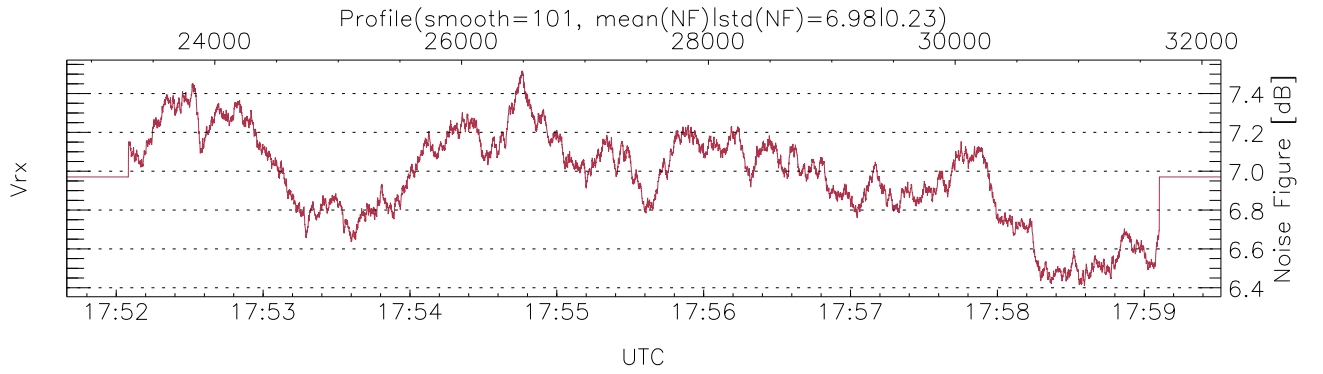
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:32:30-17:59:31, Dur: 1620.97s  
 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): 9355/32155, 22800-32154/17:51:40-17:59:31  
 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



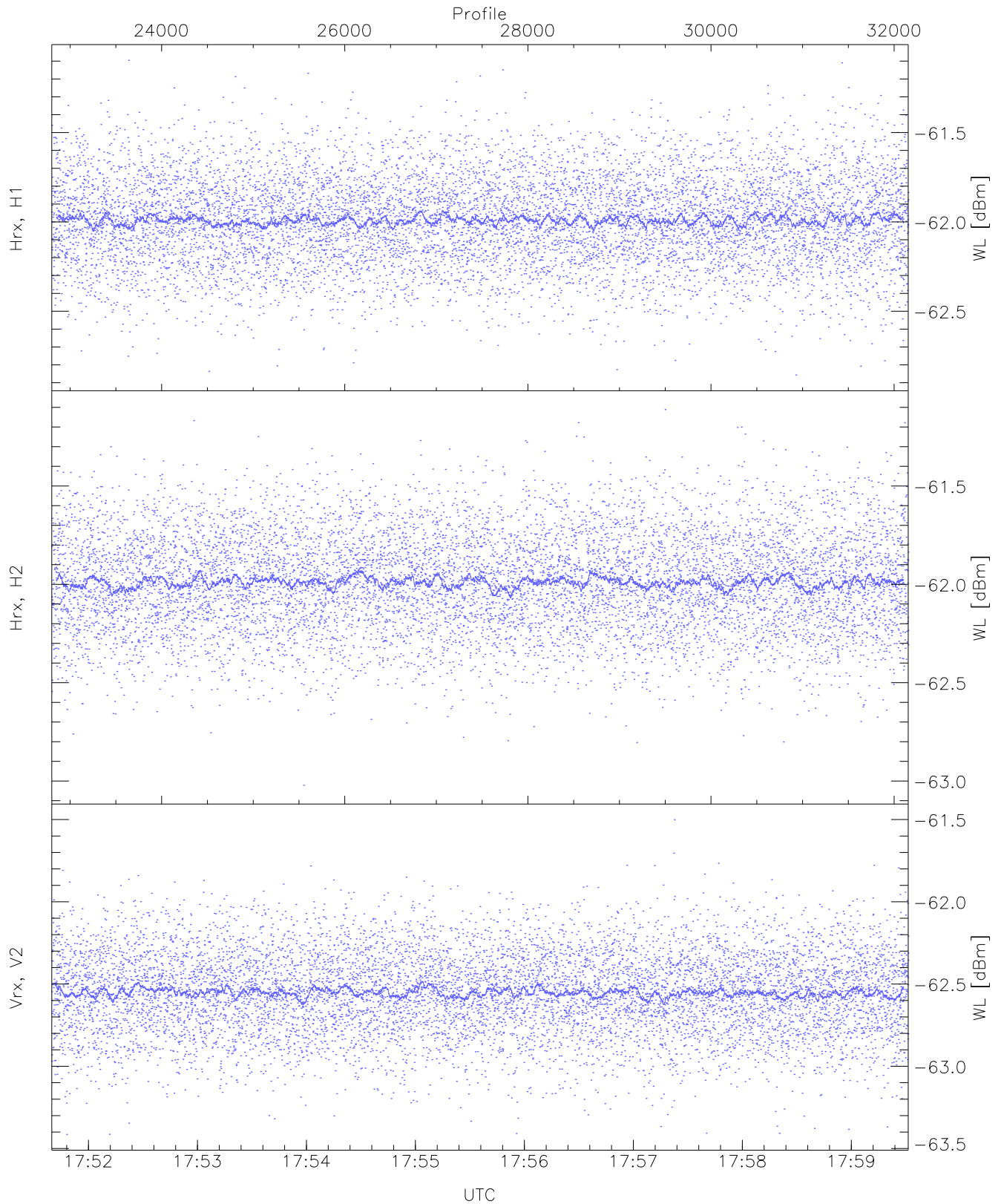
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,20,28,22,26`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,24,29`  
`LOalarm(20,80,240,2.8,14.8 MHz): 6,0,0,0,0`  
`EIK/Modulator Faults: None`



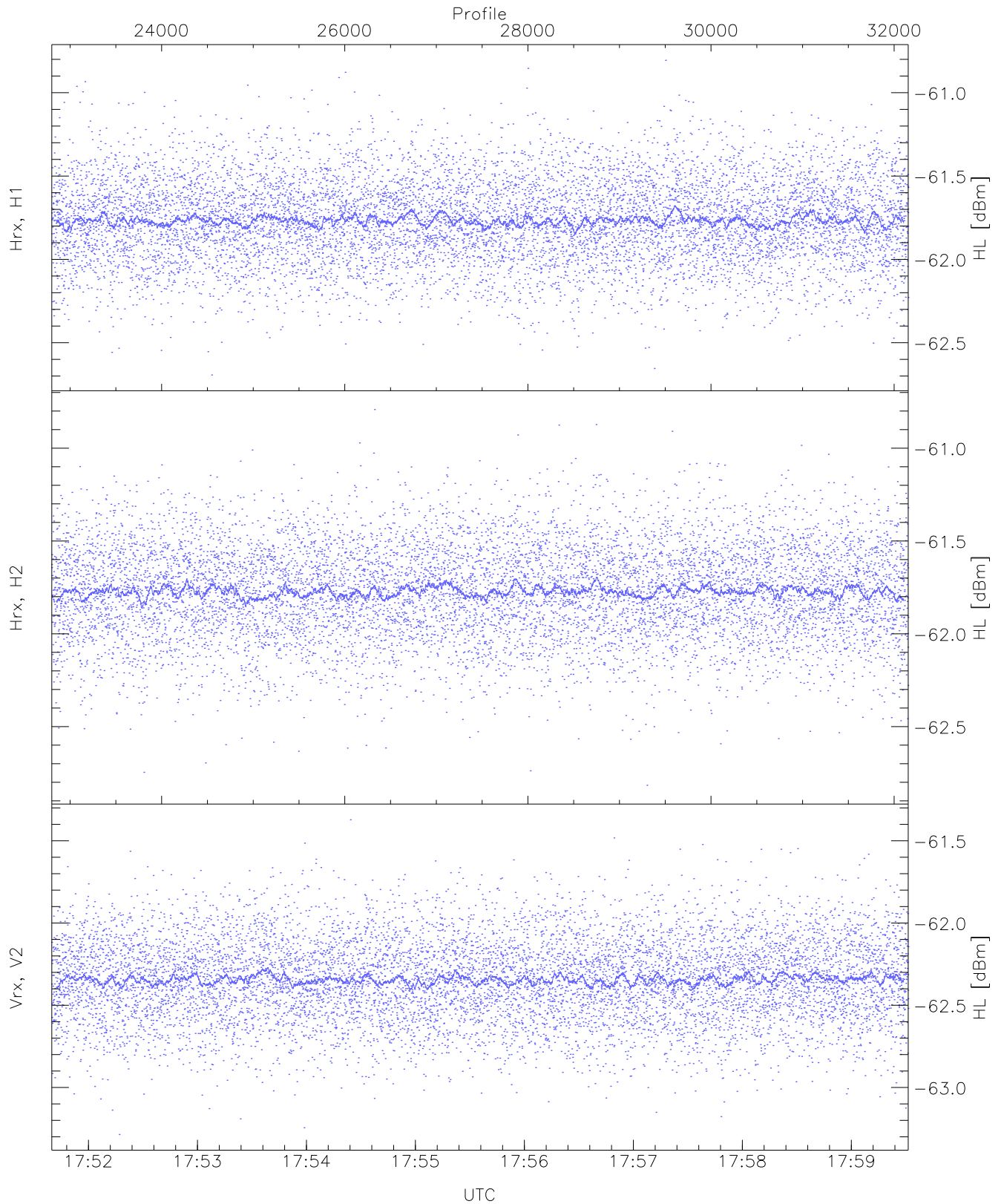
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1487 pixs, 7 gates, 1477 profs, 1 prods



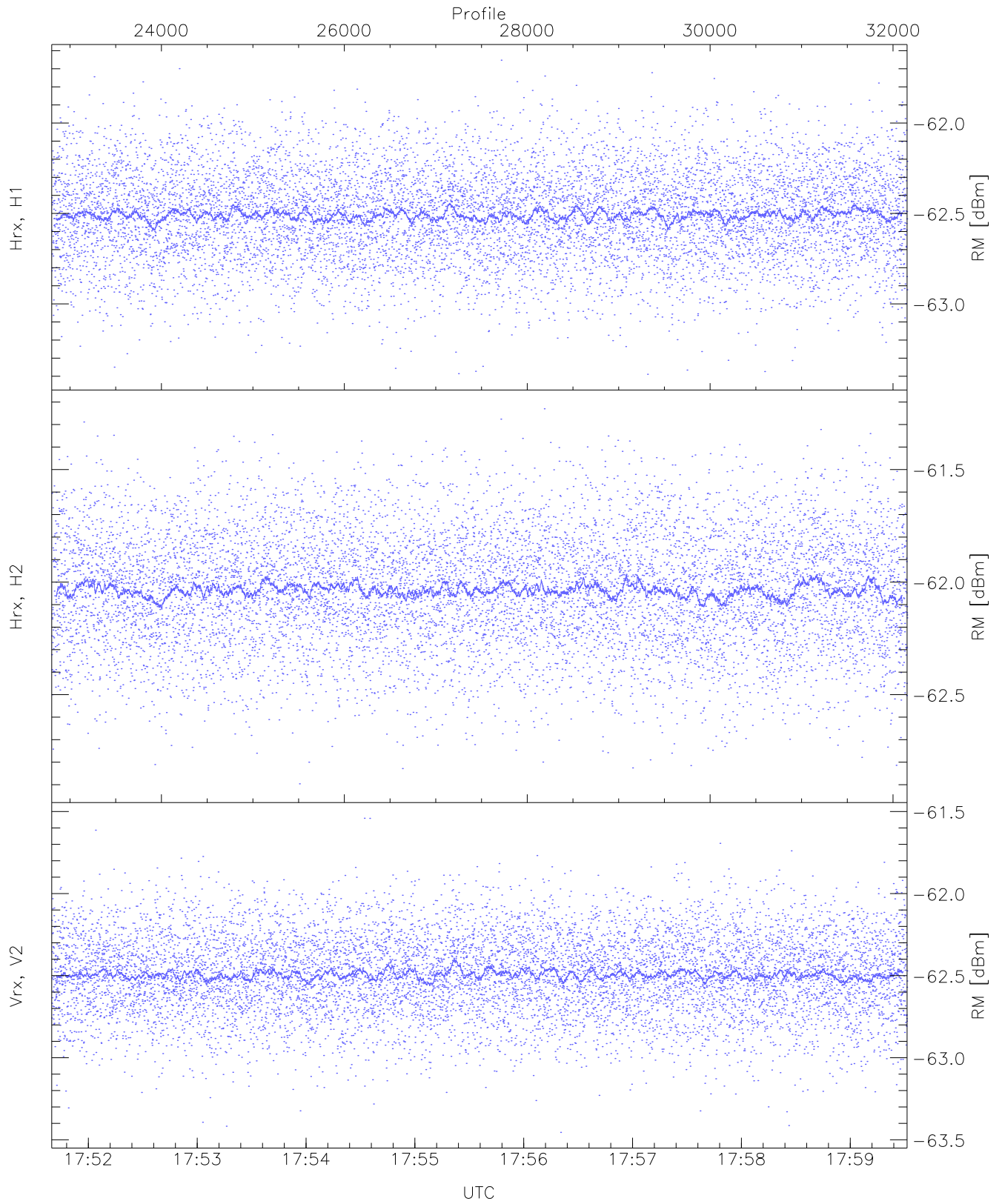
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.86	-61.10	-61.99	-61.99	-74.57
Hrx, H2 (WL [dBm])	-63.02	-61.11	-61.99	-61.99	-74.56
Vrx, V2 (WL [dBm])	-63.41	-61.50	-62.55	-62.55	-75.12



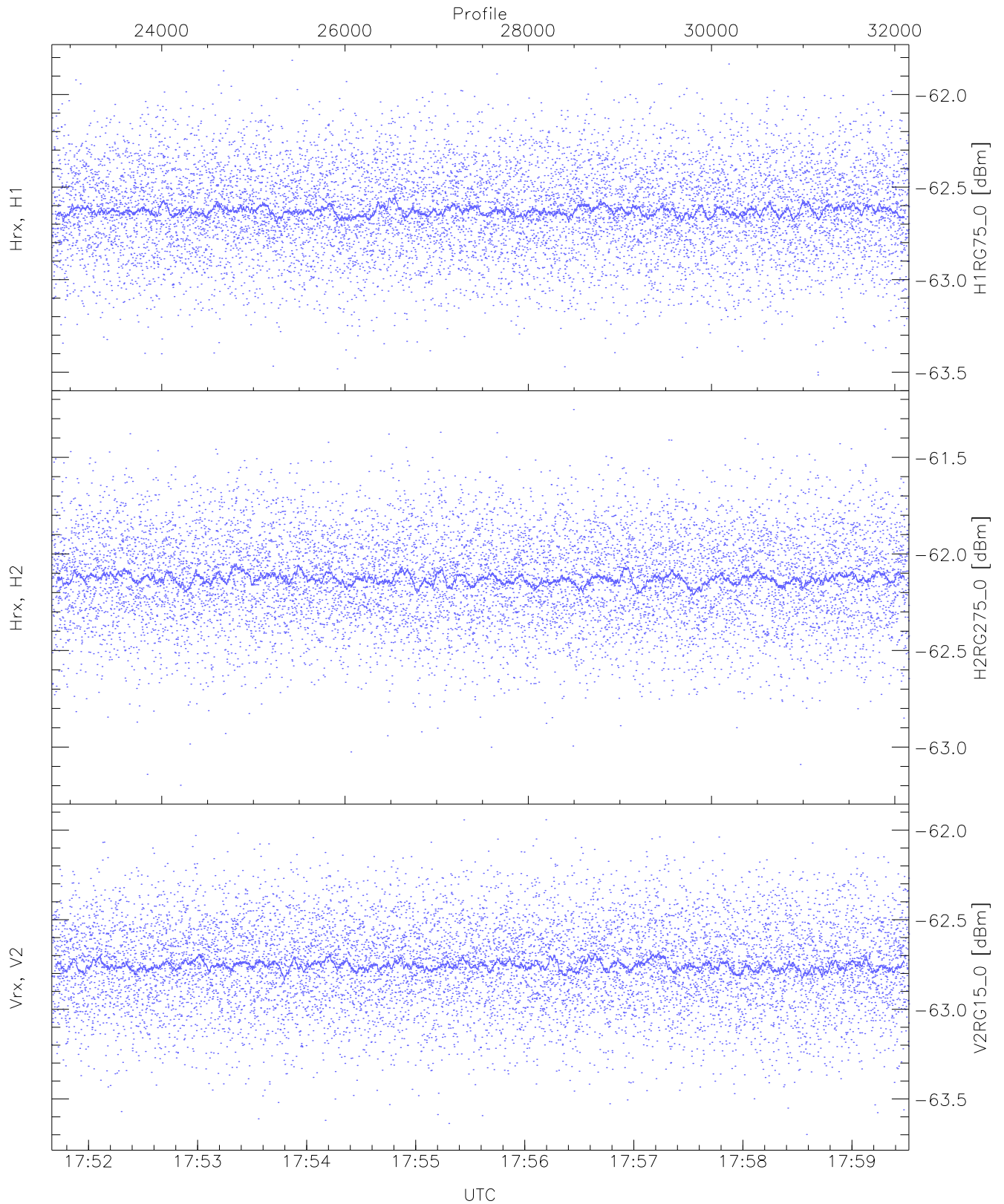
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.69	-60.81	-61.76	-61.77	-74.30
Hrx, H2 (HL [dBm])	-62.82	-60.79	-61.77	-61.77	-74.31
Vrx, V2 (HL [dBm])	-63.29	-61.37	-62.34	-62.35	-74.87



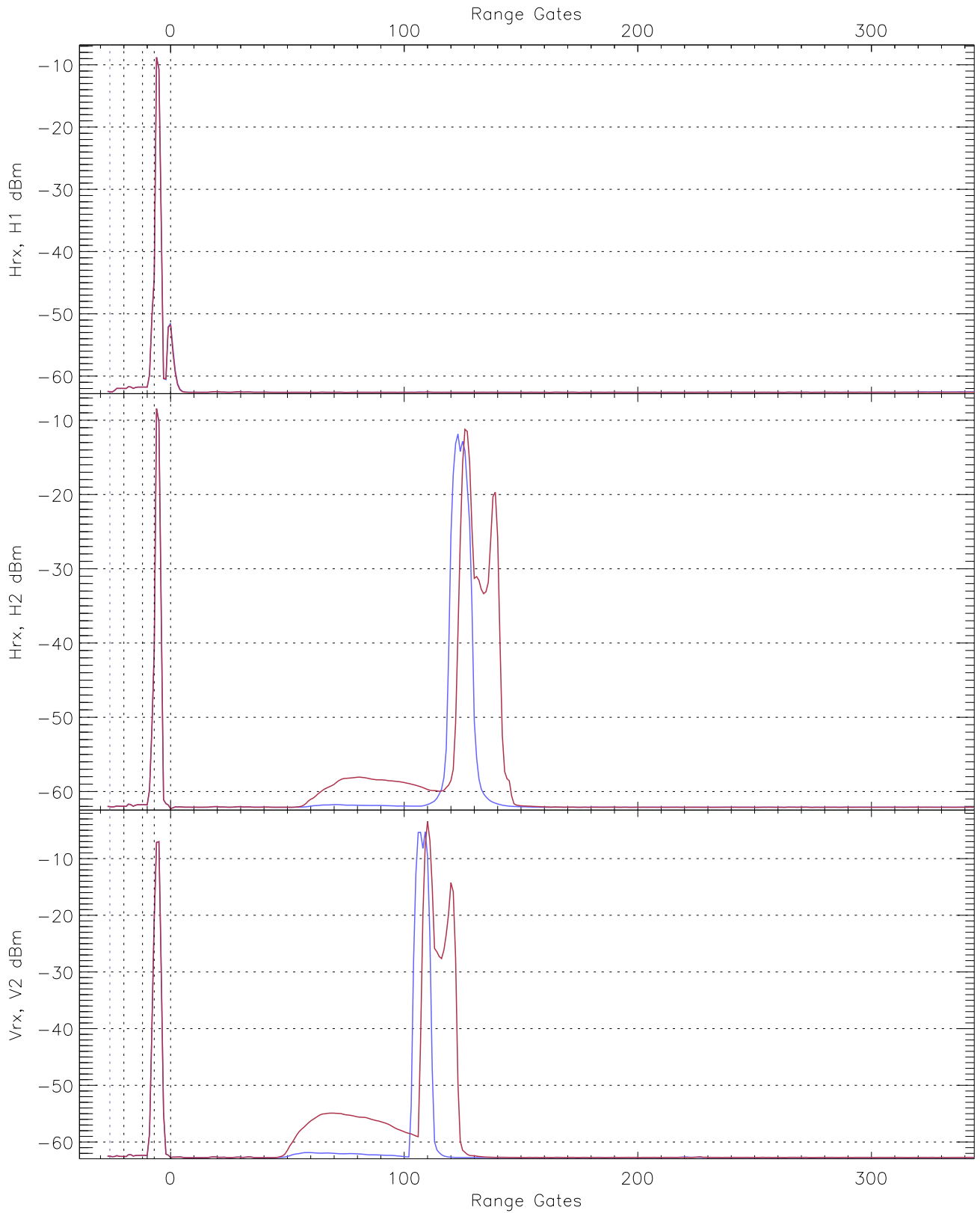
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.39	-61.65	-62.50	-62.50	-75.05
Hrx, H2 (RM [dBm])	-62.90	-61.23	-62.03	-62.03	-74.57
Vrx, V2 (RM [dBm])	-63.45	-61.54	-62.49	-62.50	-75.13



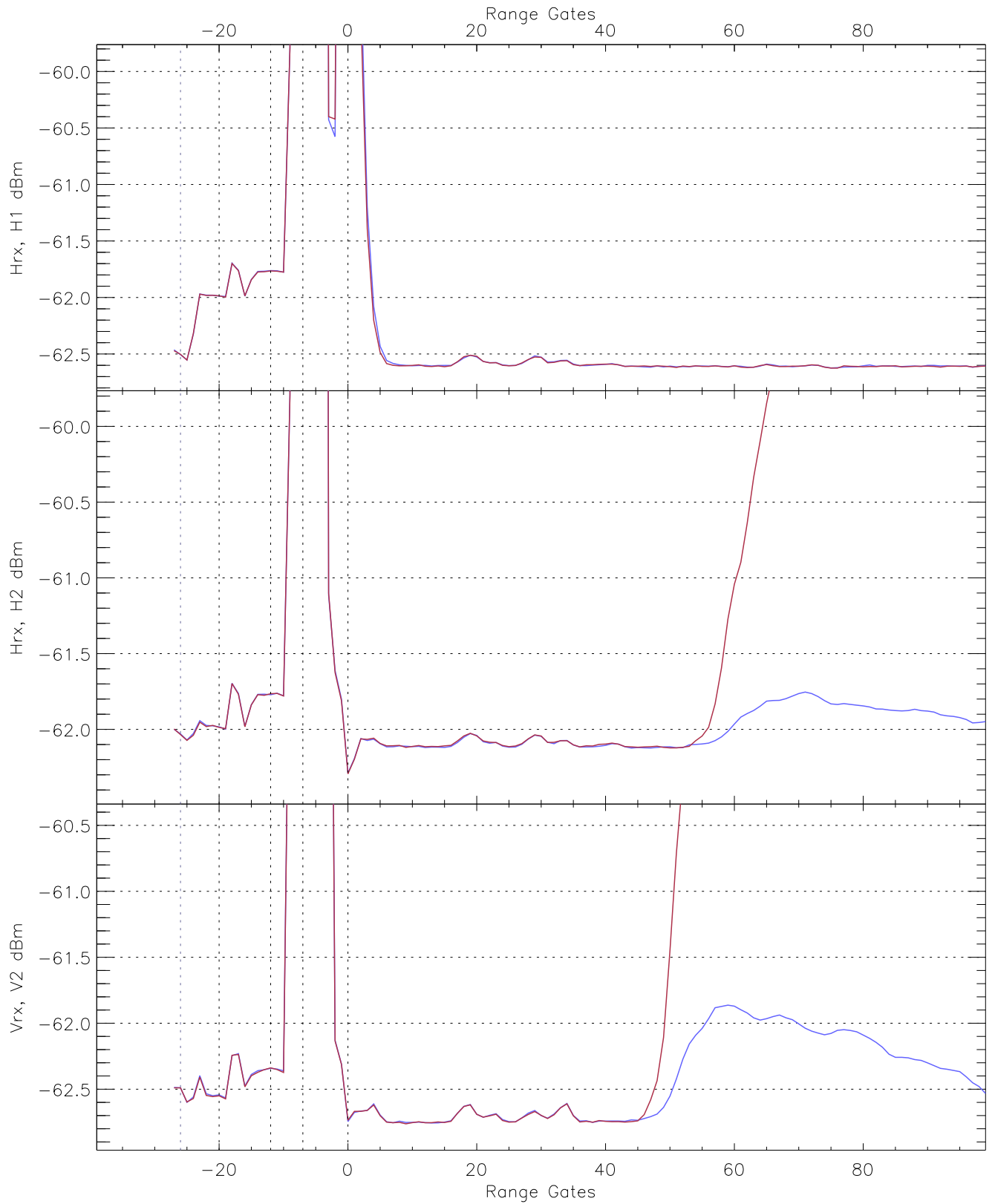
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.52	-61.81	-62.62	-62.63	-75.19
H2RG275_0 [dBm]	-63.20	-61.25	-62.12	-62.13	-74.75
V2RG15_0 [dBm]	-63.70	-61.94	-62.75	-62.75	-75.28

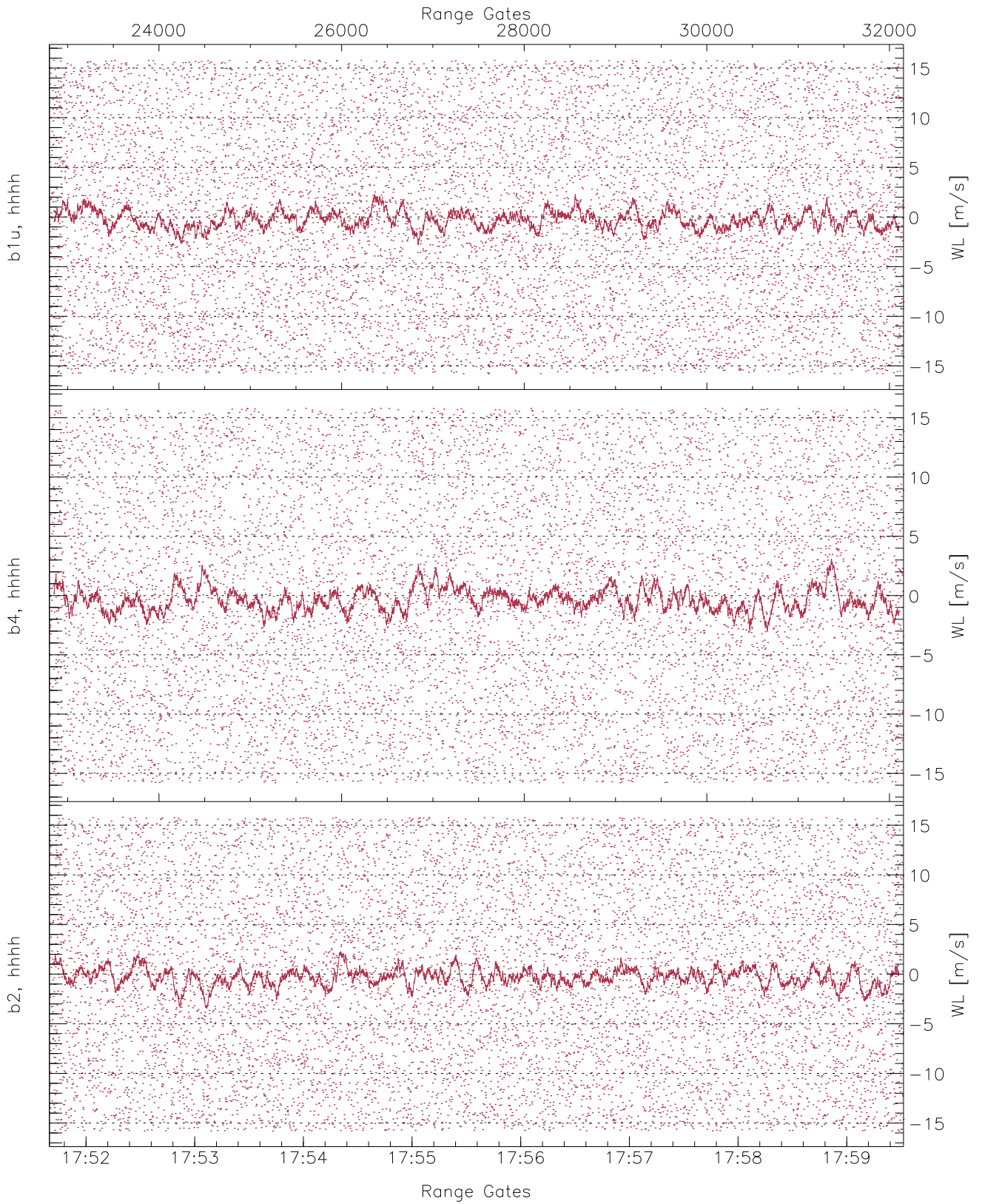


WCR2 CPP Averaged Received power for all recorded gates  
blue: 175140-175536, 4678 profiles averaged  
red: 175536-175931, 4678 profiles averaged

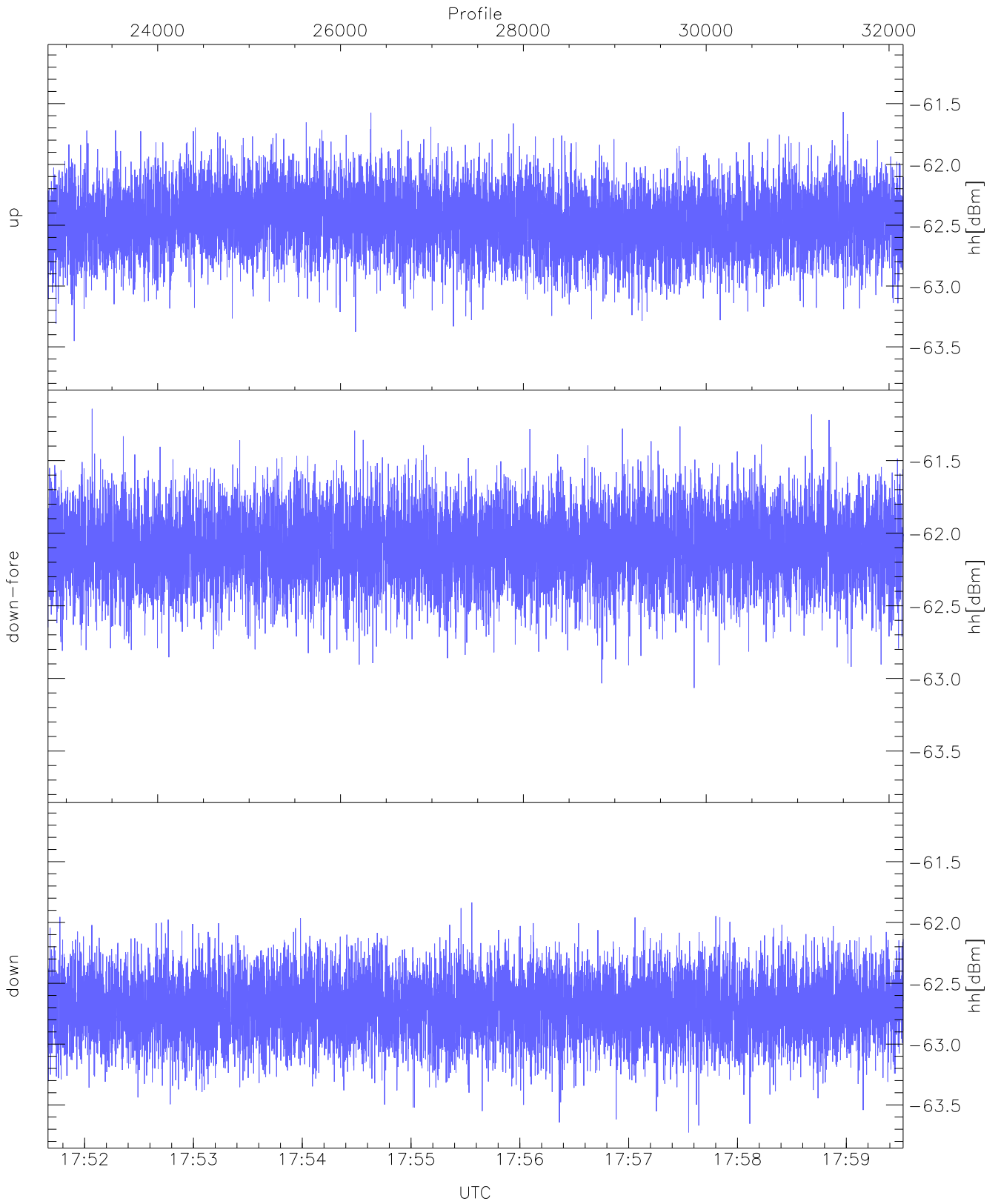




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 175140-175536, 4678 profiles averaged  
red: 175536-175931, 4678 profiles averaged

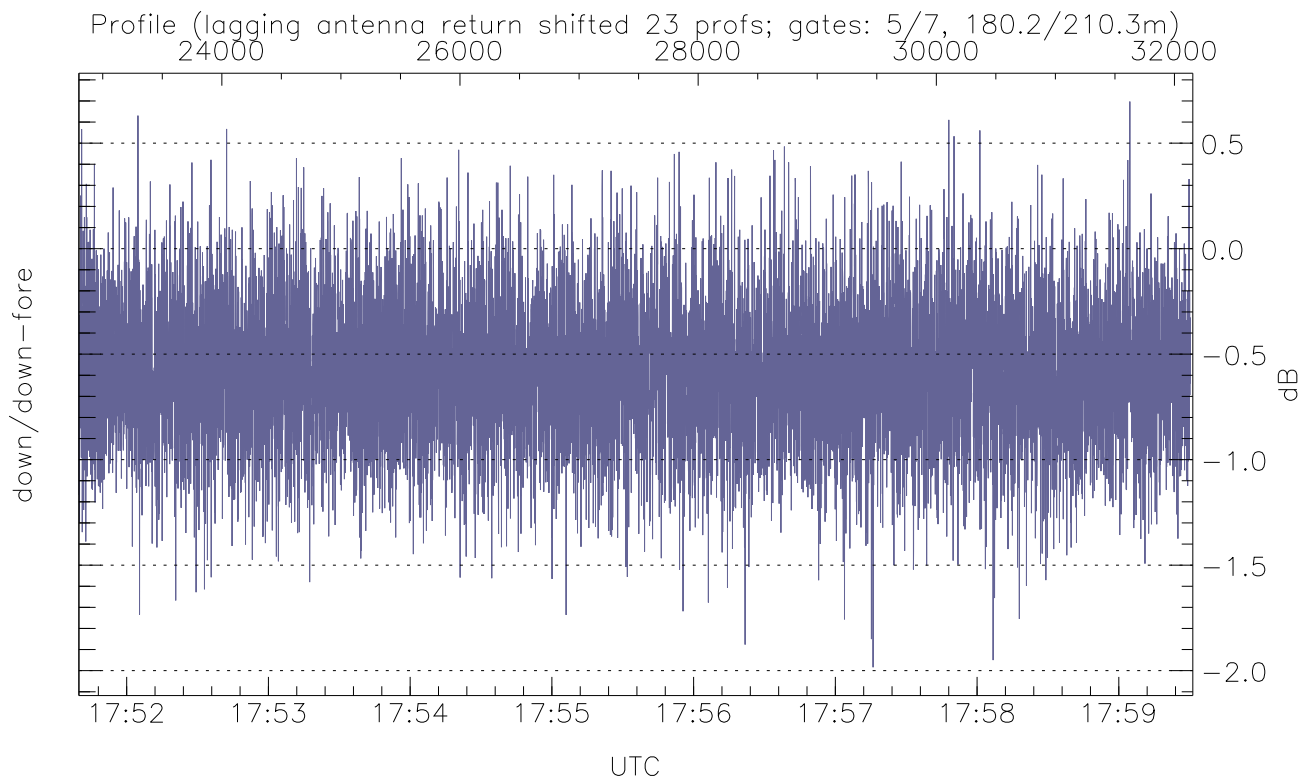
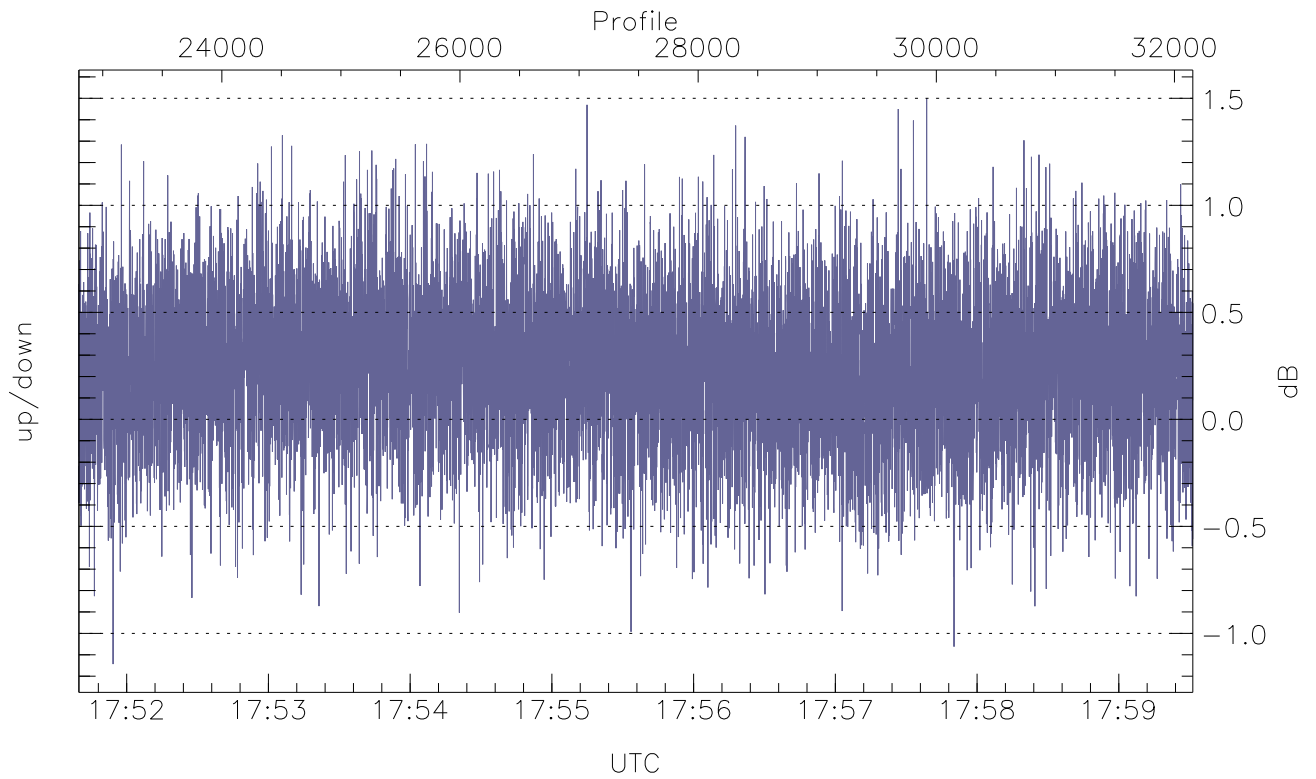


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



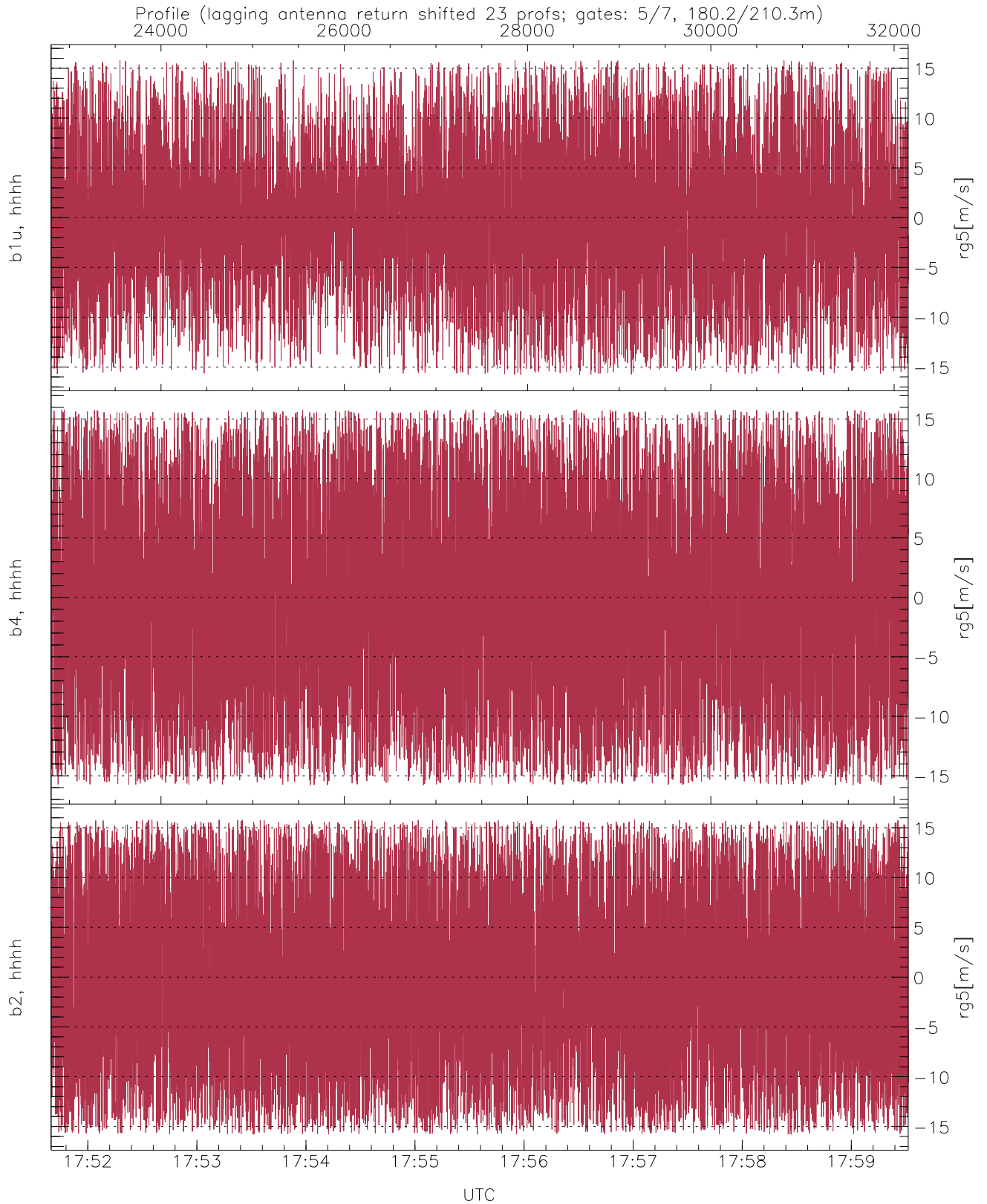
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.45	-61.57	-62.46
down-fore(hh[dBm])	-63.07	-61.14	-62.09
down(hh[dBm])	-63.73	-61.84	-62.70



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

	Min	Max	Mean
up/down (dB)	-1.14	1.50	0.24
down/down-fore (dB)	-1.98	0.70	-0.59



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.07	7.21
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.27	8.91
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.42	9.05