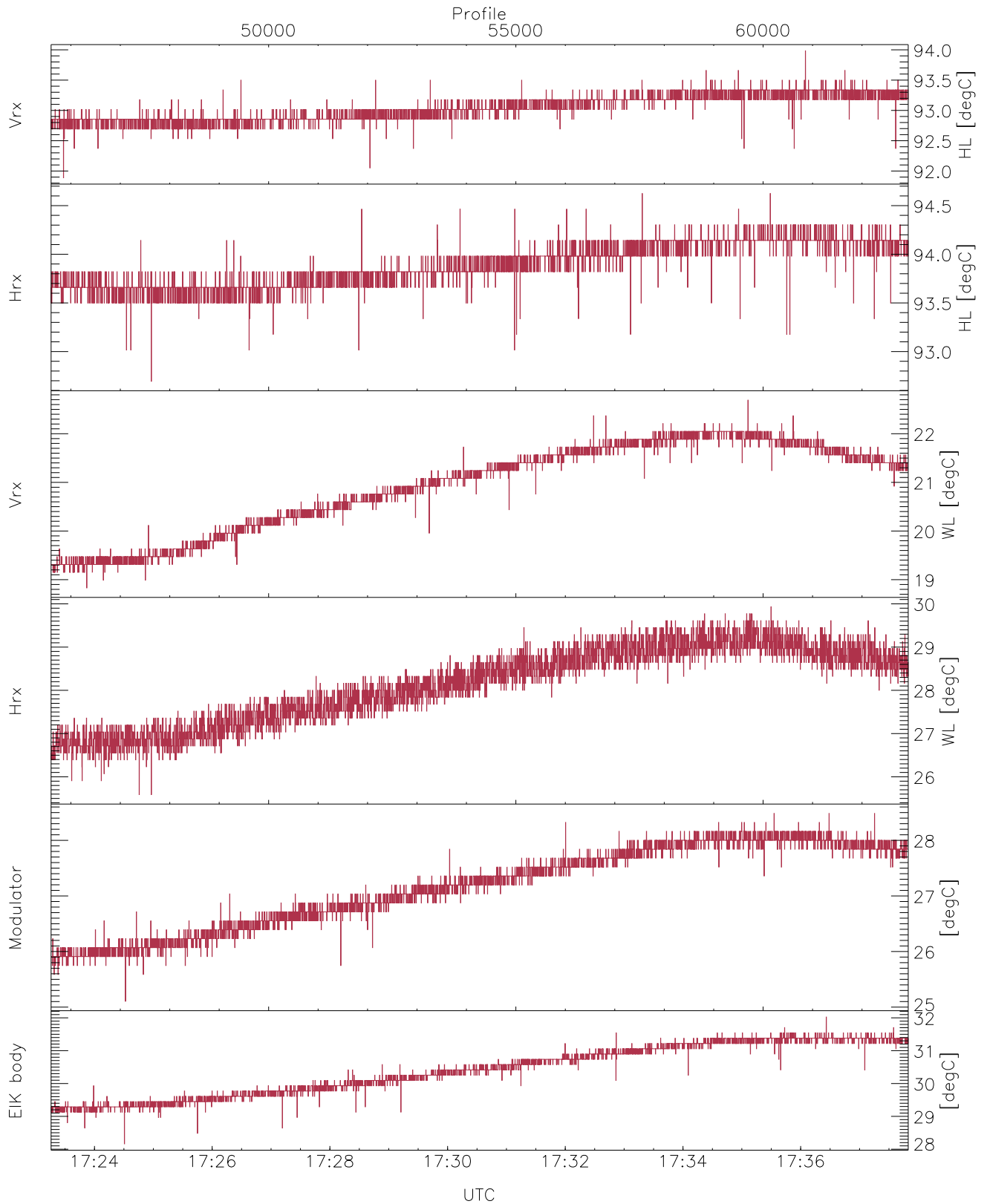


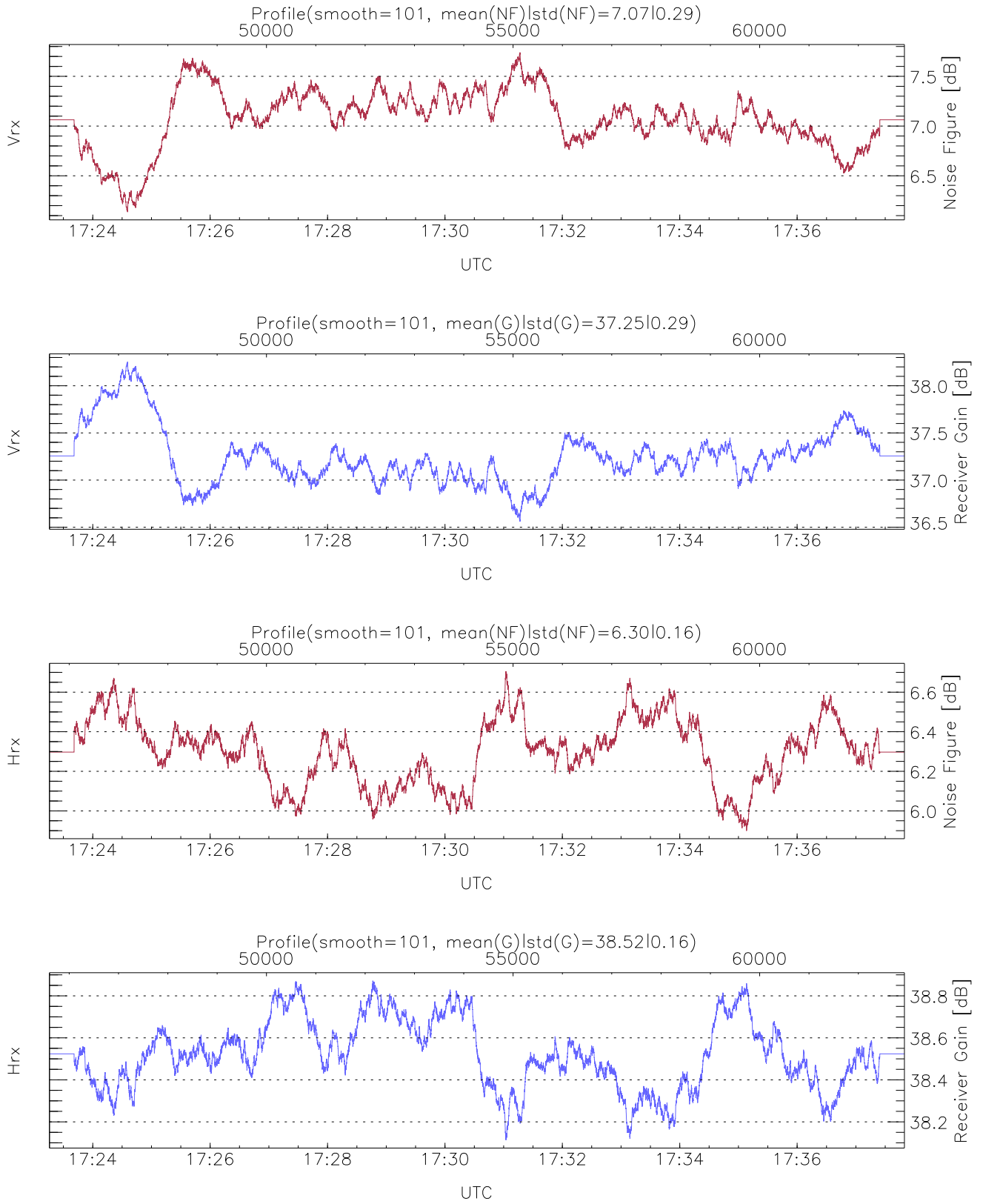
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:44:57-17:37:50, Dur: 3172.72s  
 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): 17336/62936, 45600-62935/17:23:16-17:37:50  
 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



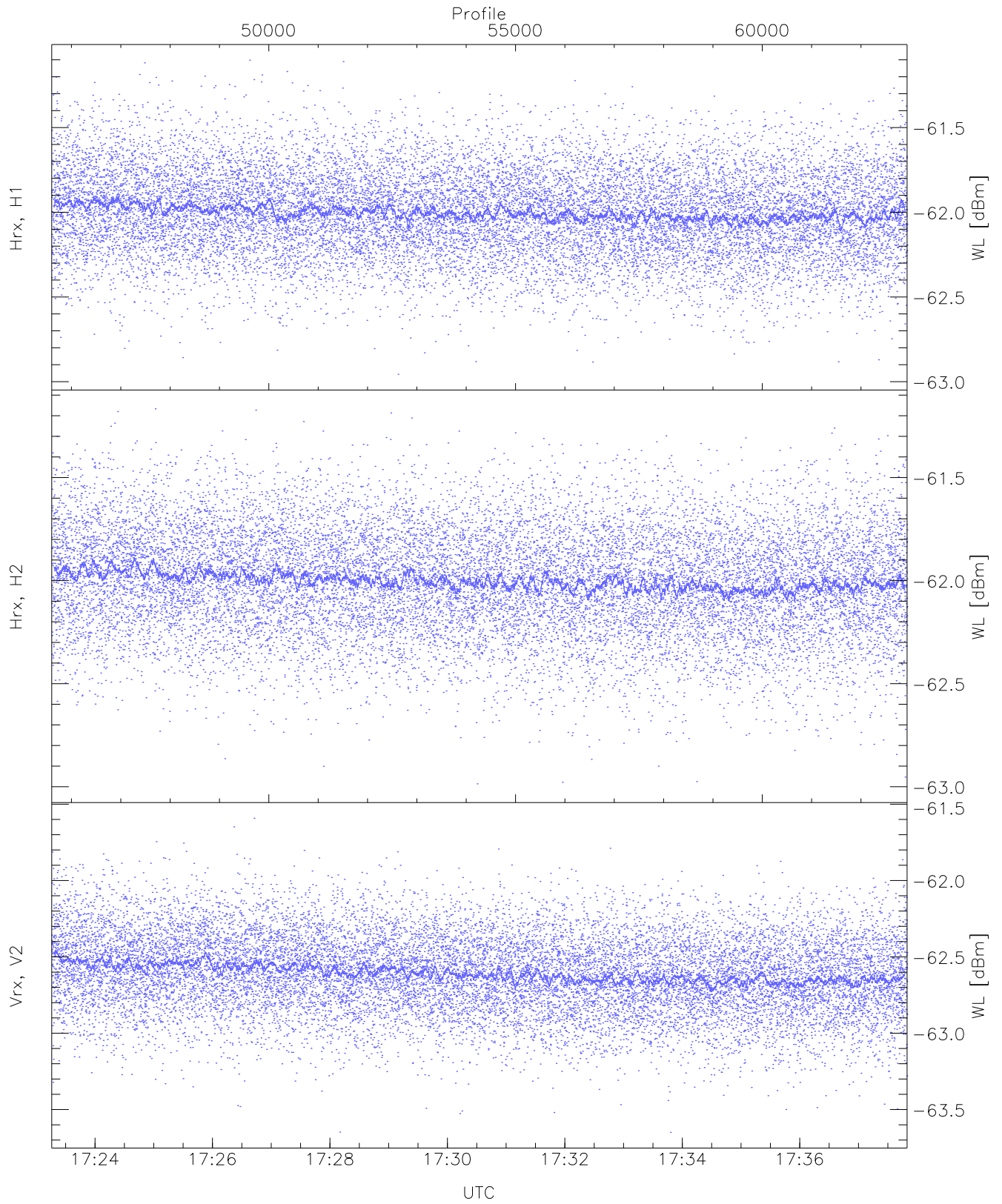
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,25,25,28  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,29,28,32  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
     BodyCurr,OverDuty,HVPS (6,6,22)



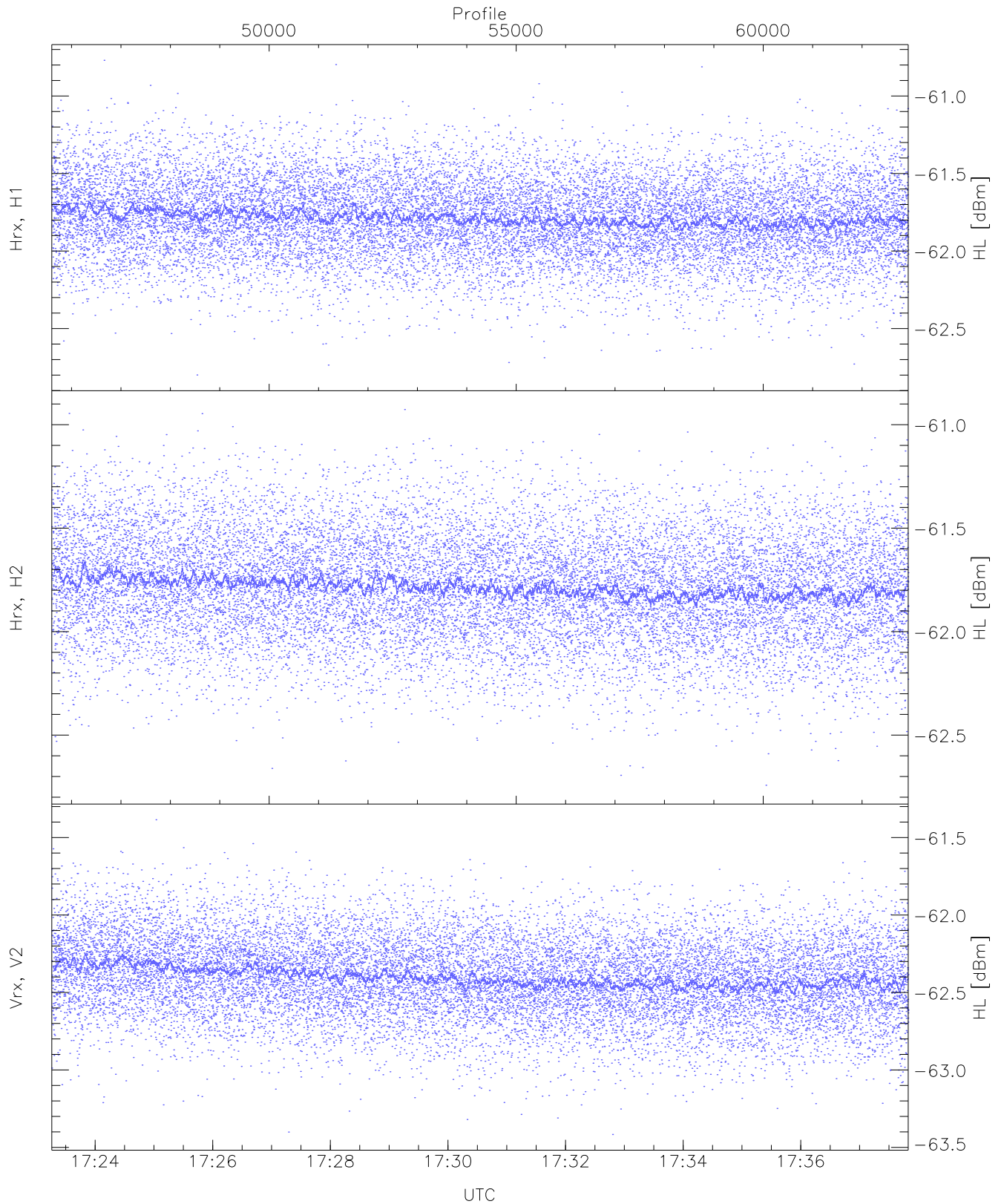
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 16877 pixs, 117 gates, 15693 profs, 1 prods



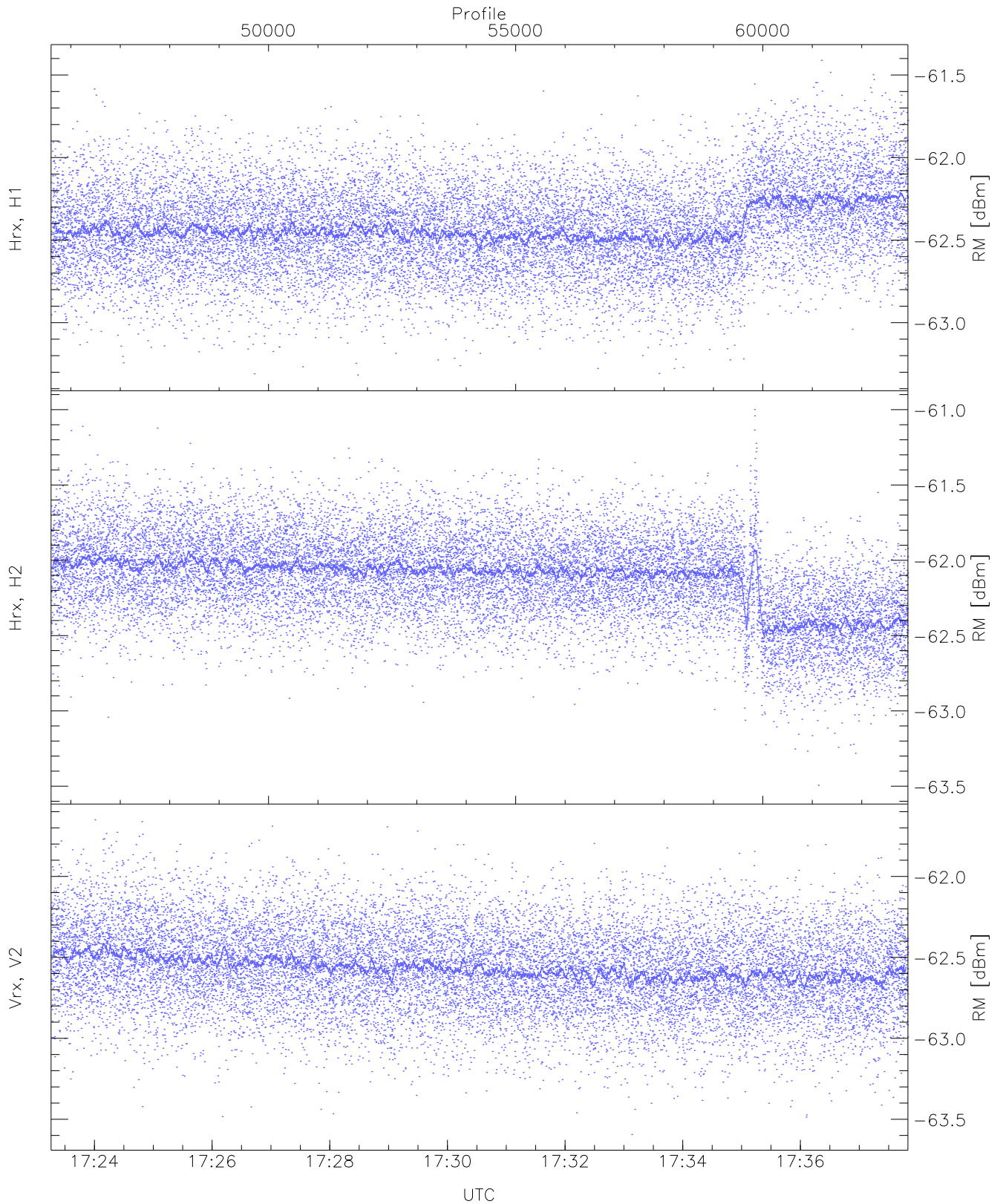
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.96	-61.10	-62.00	-62.01	-74.54
Hrx, H2 (WL [dBm])	-62.99	-61.17	-62.00	-62.00	-74.52
Vrx, V2 (WL [dBm])	-63.65	-61.59	-62.60	-62.61	-75.08



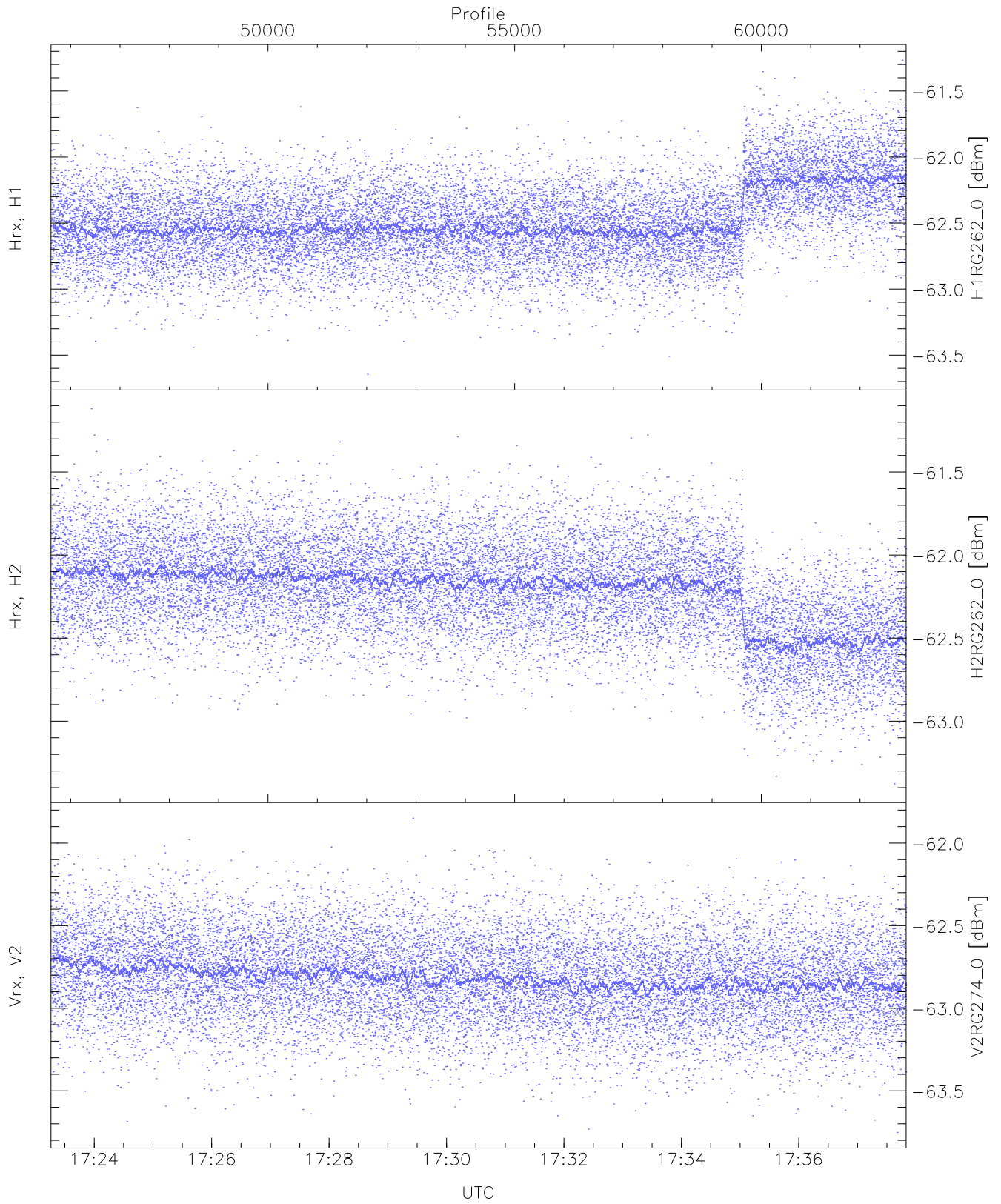
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.80	-60.77	-61.78	-61.79	-74.34
Hrx, H2 (HL [dBm])	-62.74	-60.93	-61.78	-61.79	-74.36
Vrx, V2 (HL [dBm])	-63.42	-61.39	-62.40	-62.40	-74.90



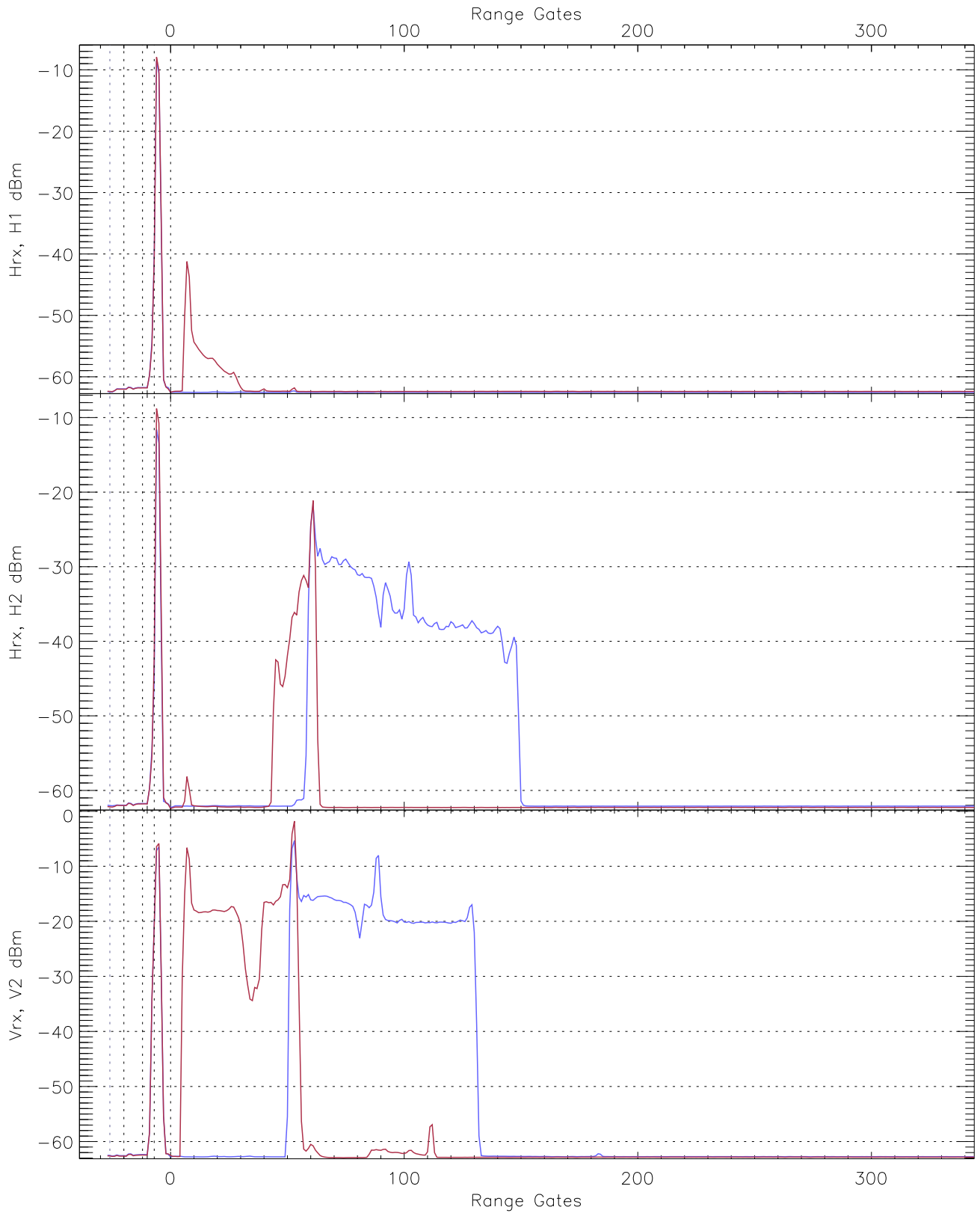
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.32	-61.41	-62.42	-62.43	-74.76
Hrx, H2 (RM [dBm])	-63.49	-61.00	-62.11	-62.11	-74.01
Vrx, V2 (RM [dBm])	-63.59	-61.65	-62.56	-62.57	-74.99



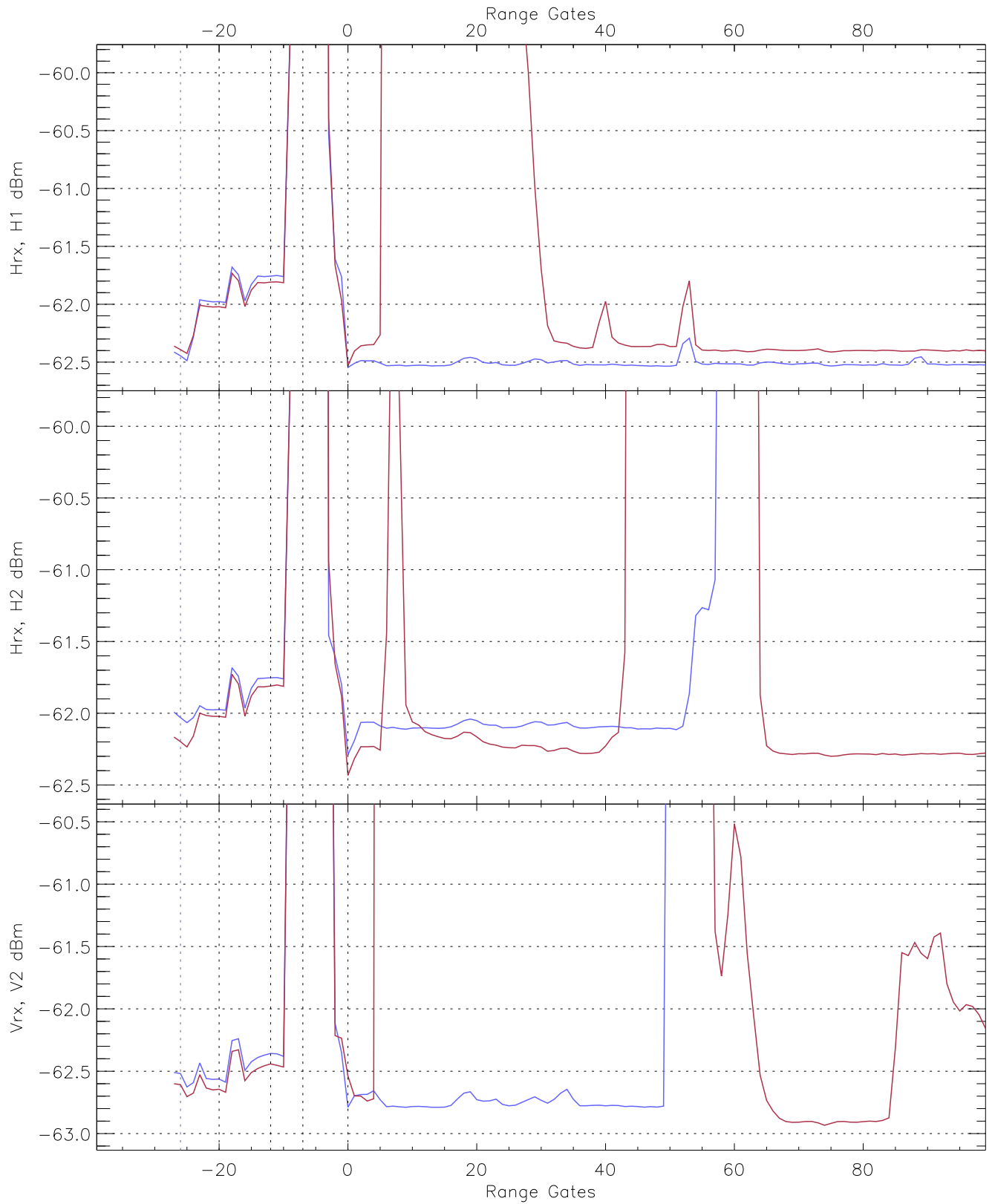
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.65	-61.27	-62.48	-62.50	-74.29
H2RG262_0 [dBm]	-63.38	-61.12	-62.21	-62.20	-74.09
V2RG274_0 [dBm]	-63.75	-61.85	-62.81	-62.82	-75.33

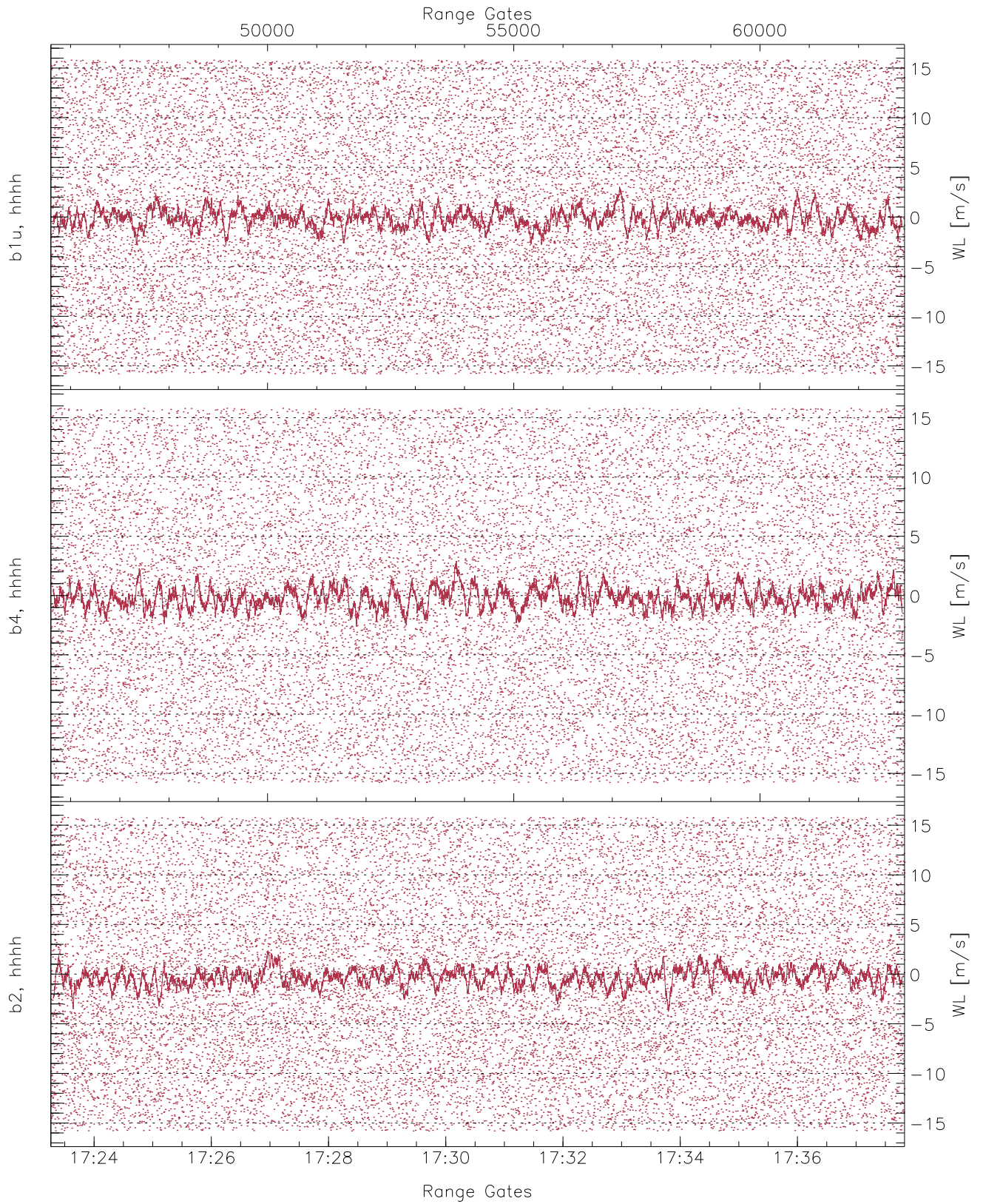


WCR2 CPP Averaged Received power for all recorded gates  
blue: 172316-173033, 8669 profiles averaged  
red: 173033-173750, 8668 profiles averaged

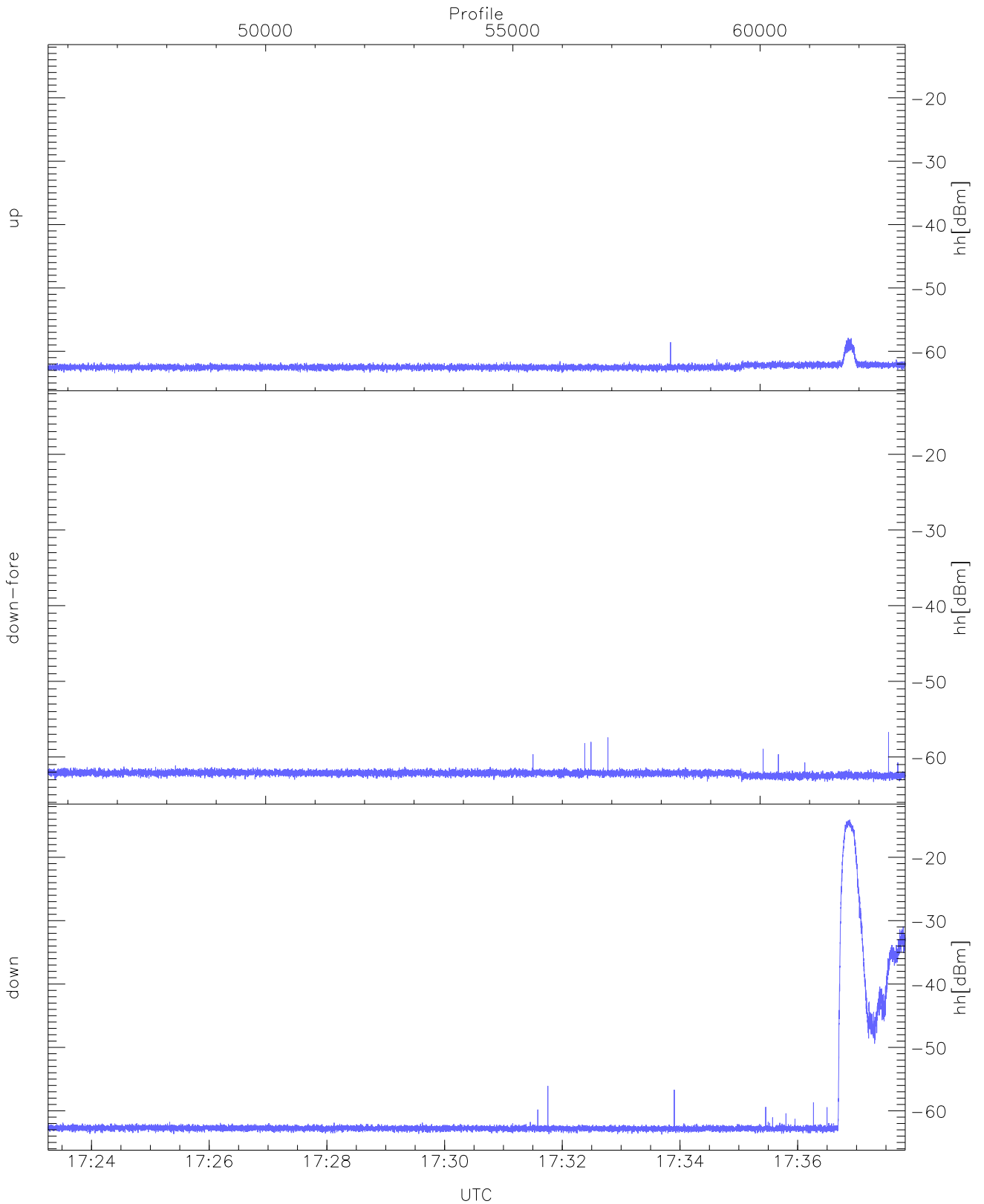




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 172316-173033, 8669 profiles averaged  
red: 173033-173750, 8668 profiles averaged

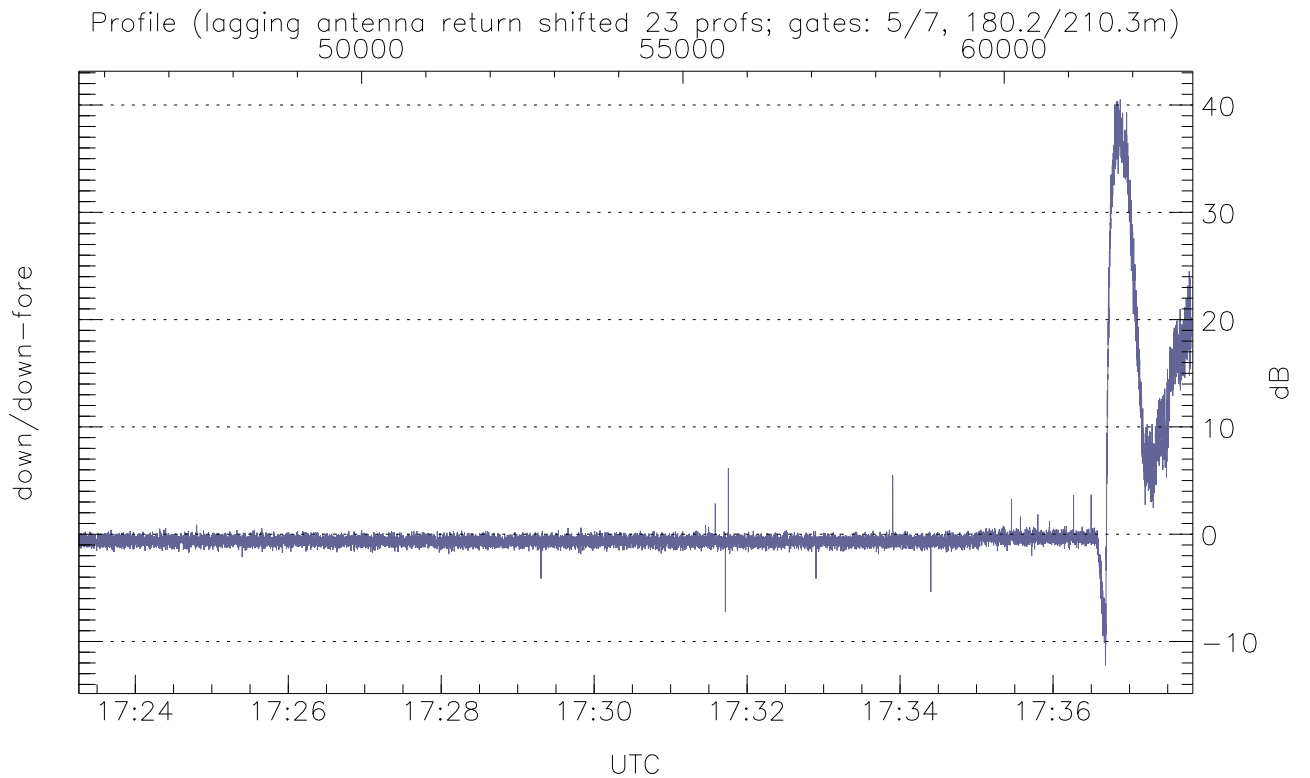
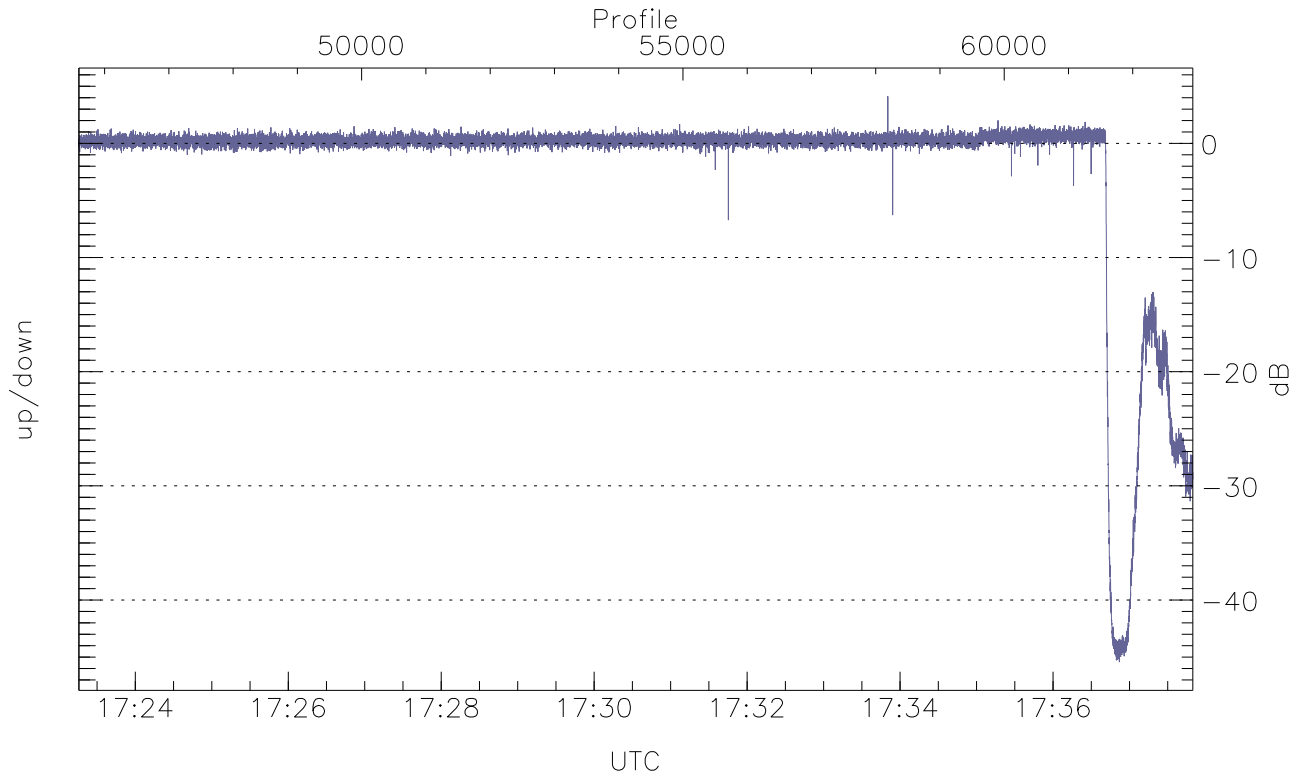


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

	Min	Max	Mean
up(hh[dBm])	-63.46	-57.86	-62.38
down-fore(hh[dBm])	-63.29	-56.73	-62.17
down(hh[dBm])	-63.74	-14.08	-33.35



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

	Min	Max	Mean
up/down (dB)	-45.44	4.12	-1.94
down/down-fore (dB)	-12.21	40.51	0.85

