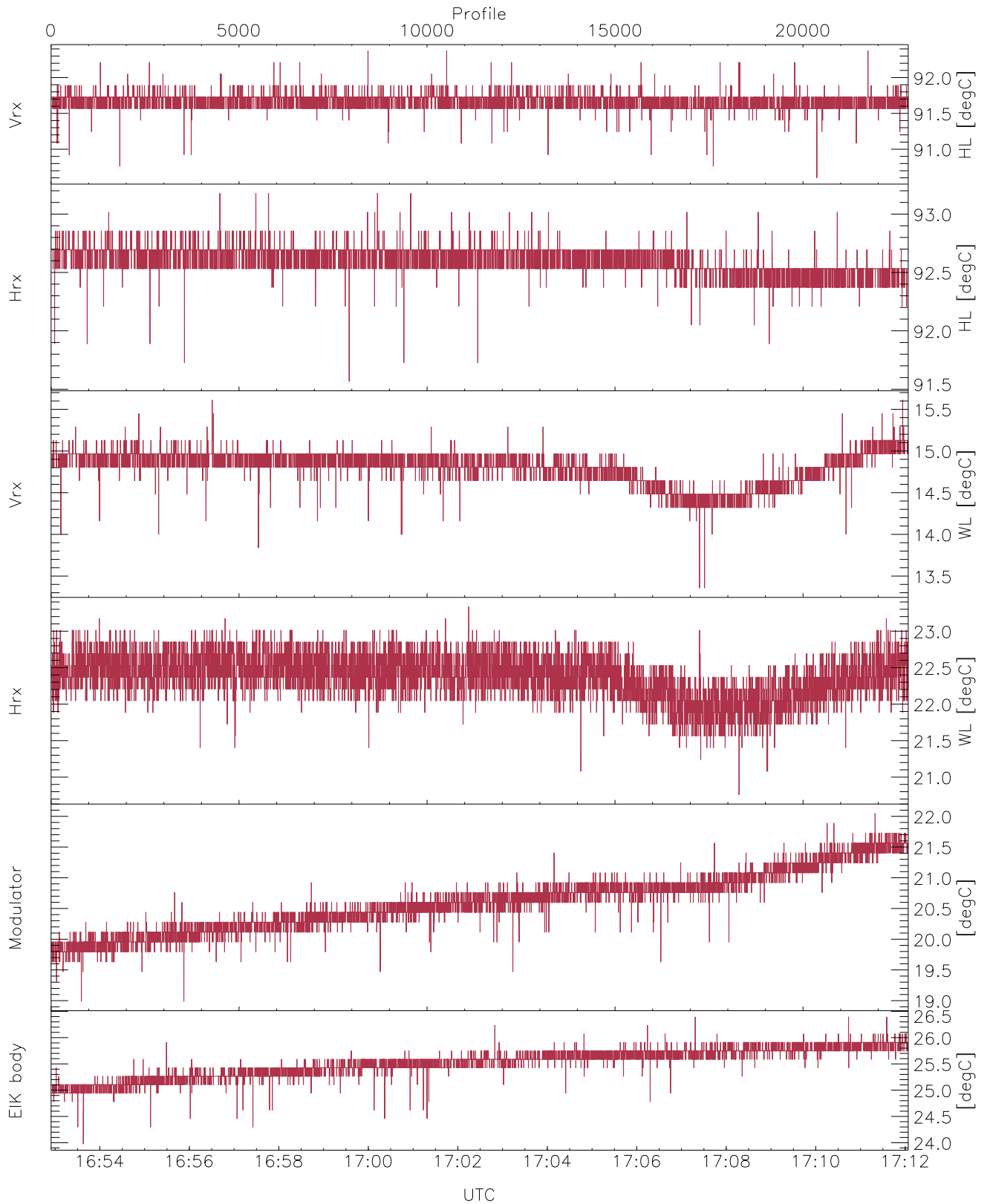


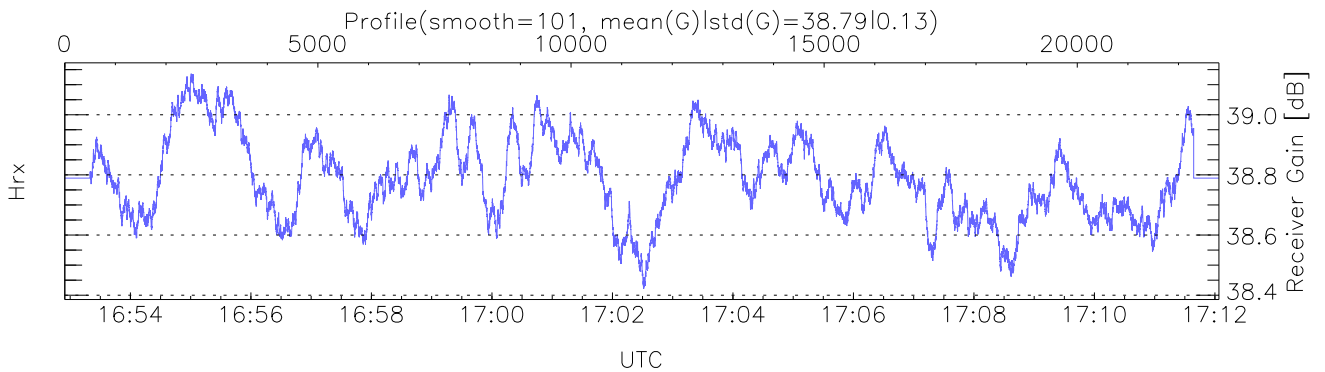
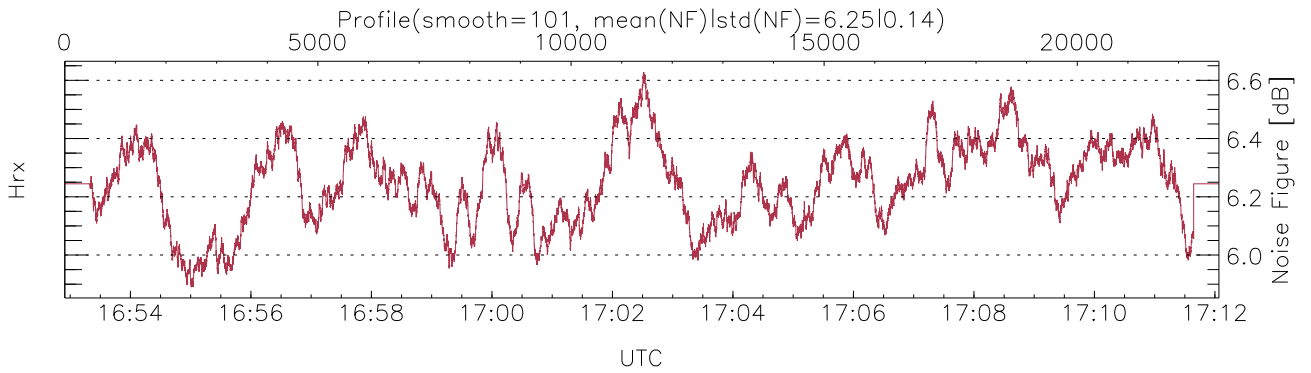
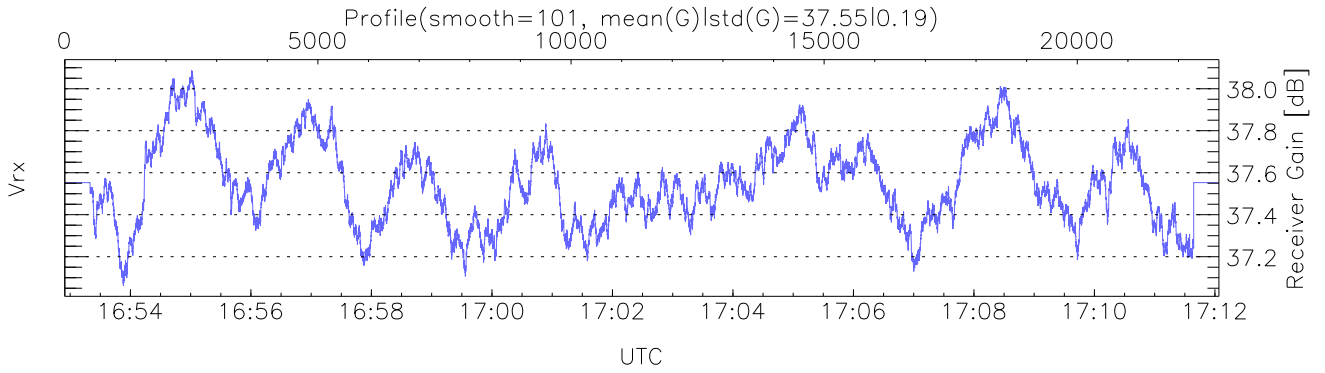
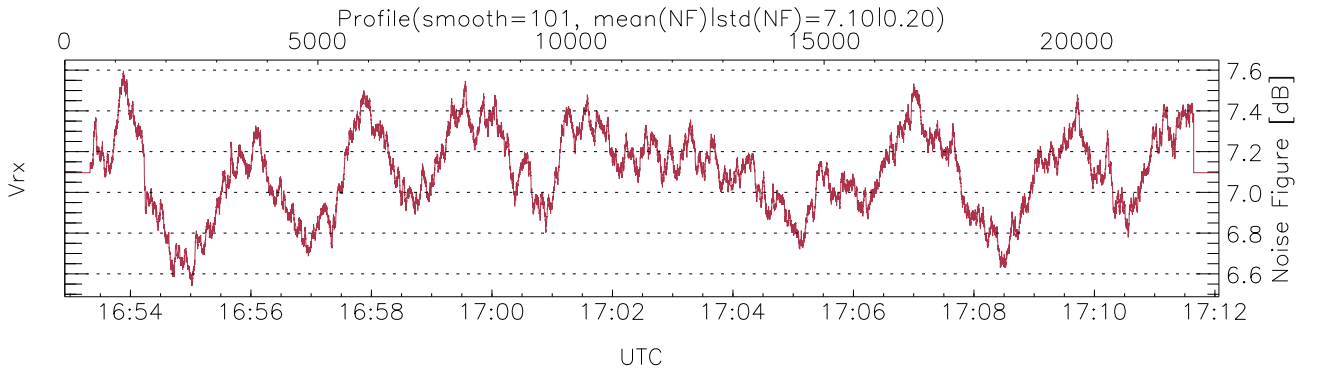
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:52:55-17:24:22, Dur: 1887.35s  
 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): 22800/37439, 0-22799/16:52:55-17:12:04  
 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



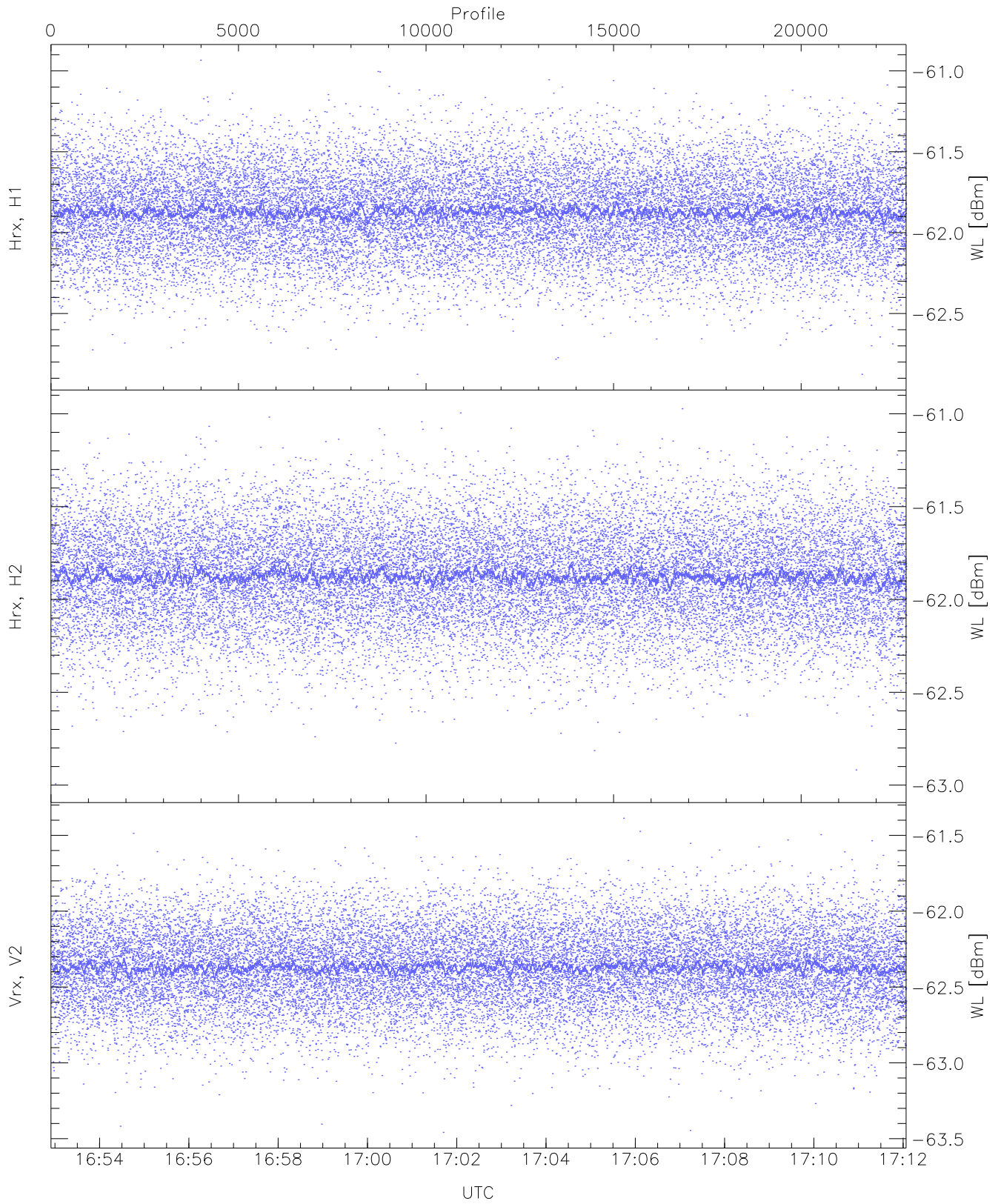
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,20,18,23`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,22,26`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,21)`



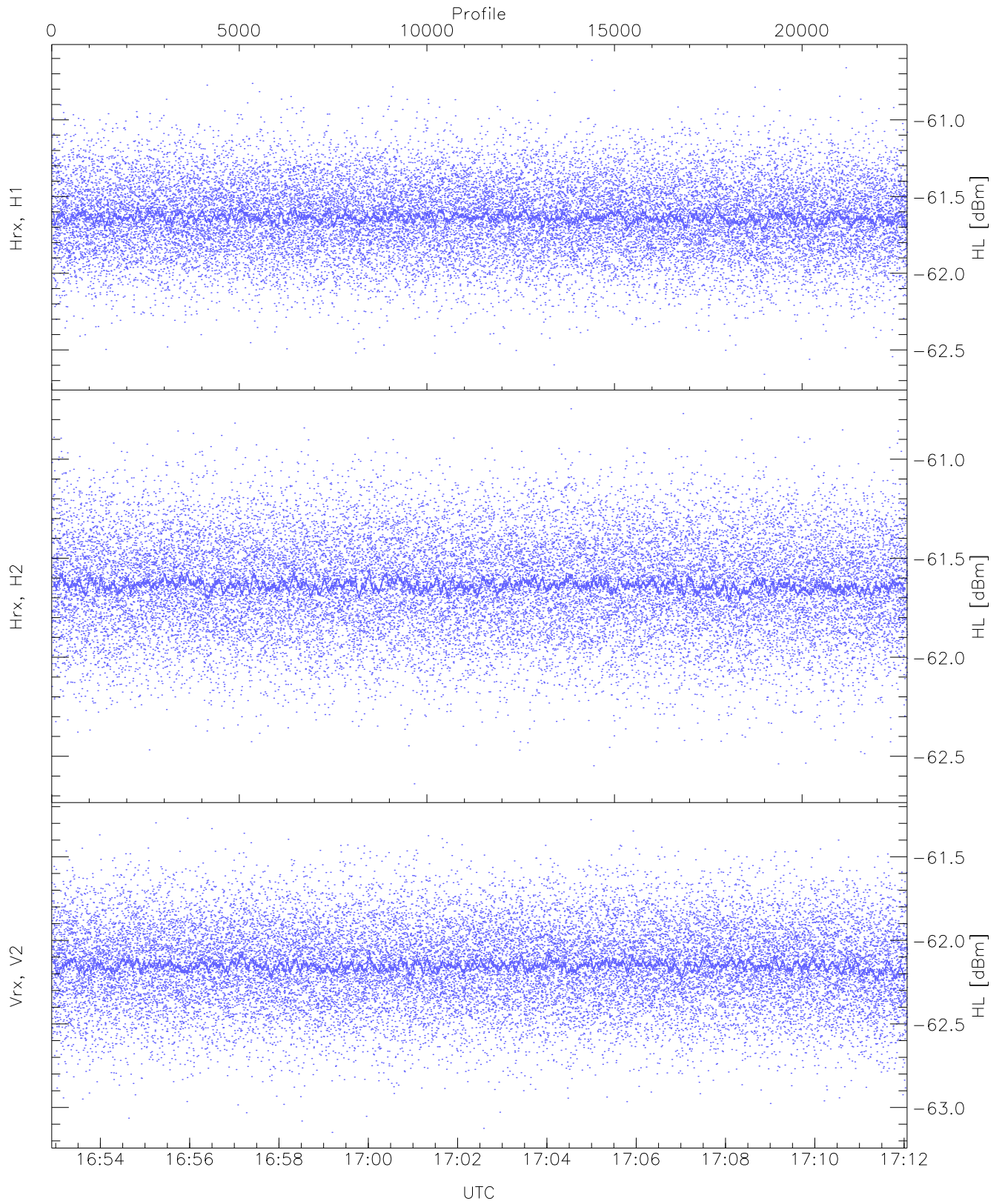
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8074 pixs, 56 gates, 6304 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

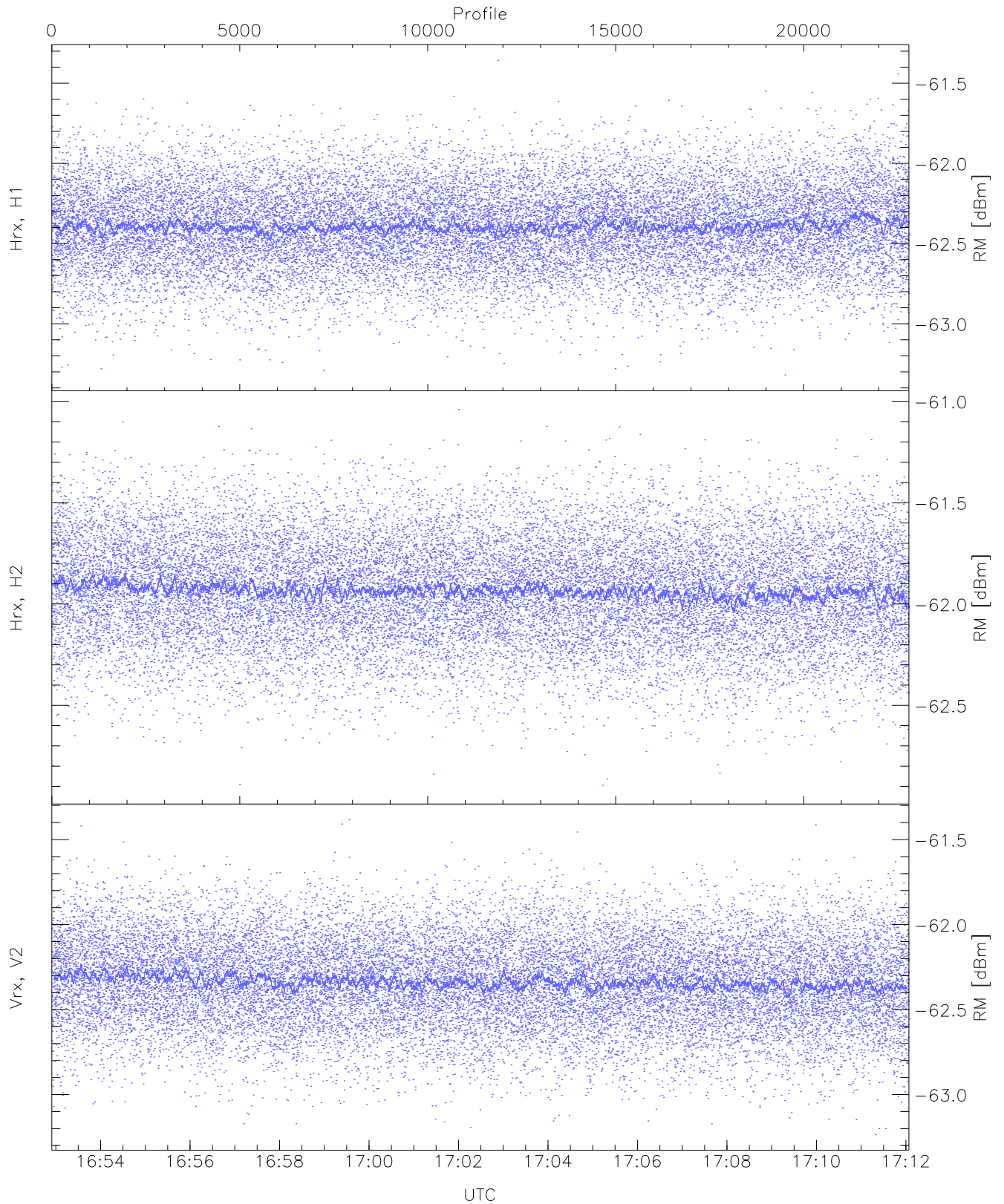
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.88	-60.93	-61.87	-61.87	-74.42
Hrx, H2(WL [dBm])	-62.99	-60.97	-61.87	-61.88	-74.44
Vrx, V2(WL [dBm])	-63.46	-61.39	-62.37	-62.37	-74.90



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

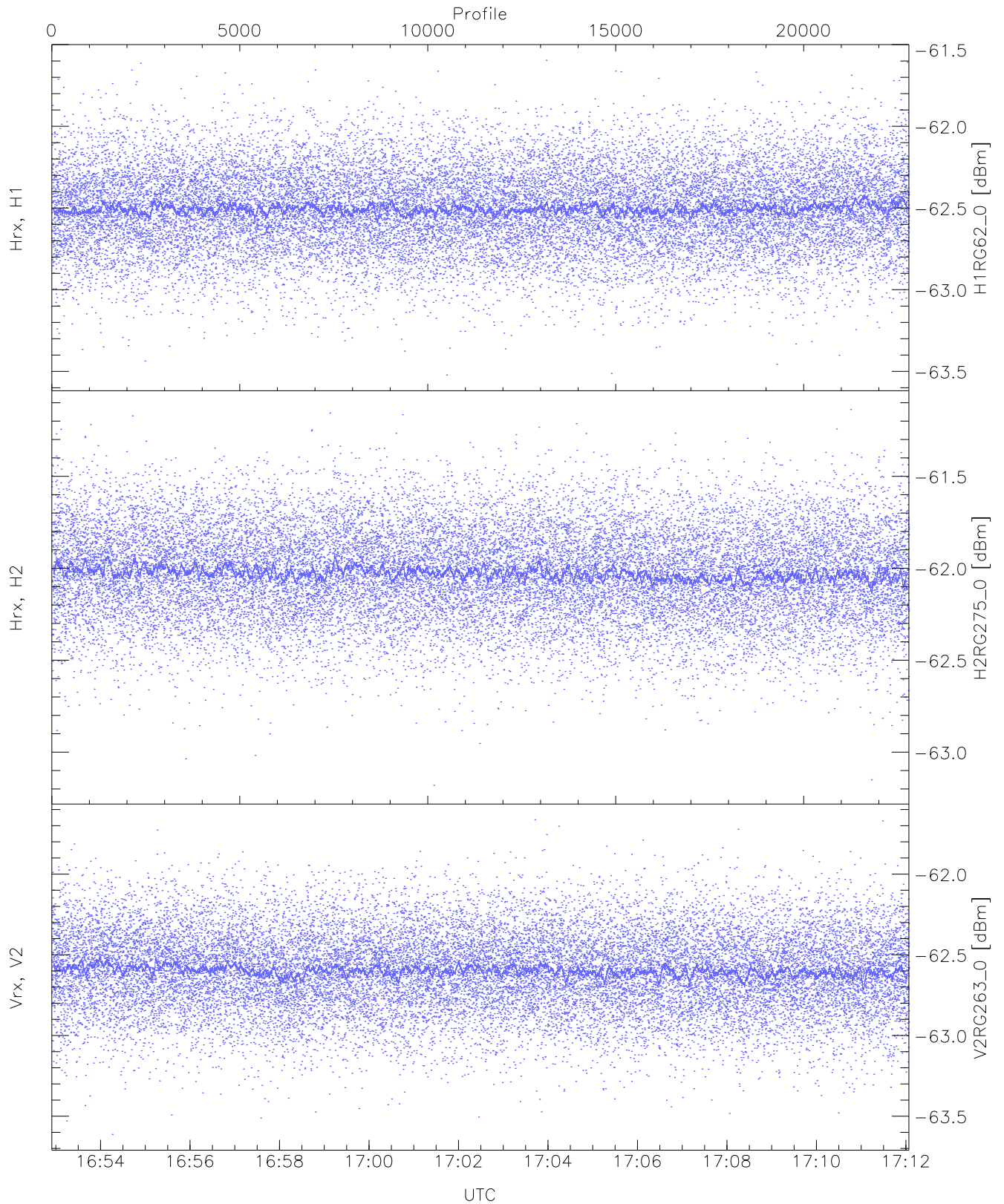
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.66	-60.61	-61.63	-61.64	-74.25
Hrx, H2 (HL [dBm])	-62.64	-60.75	-61.63	-61.64	-74.23
Vrx, V2 (HL [dBm])	-63.15	-61.27	-62.15	-62.15	-74.69





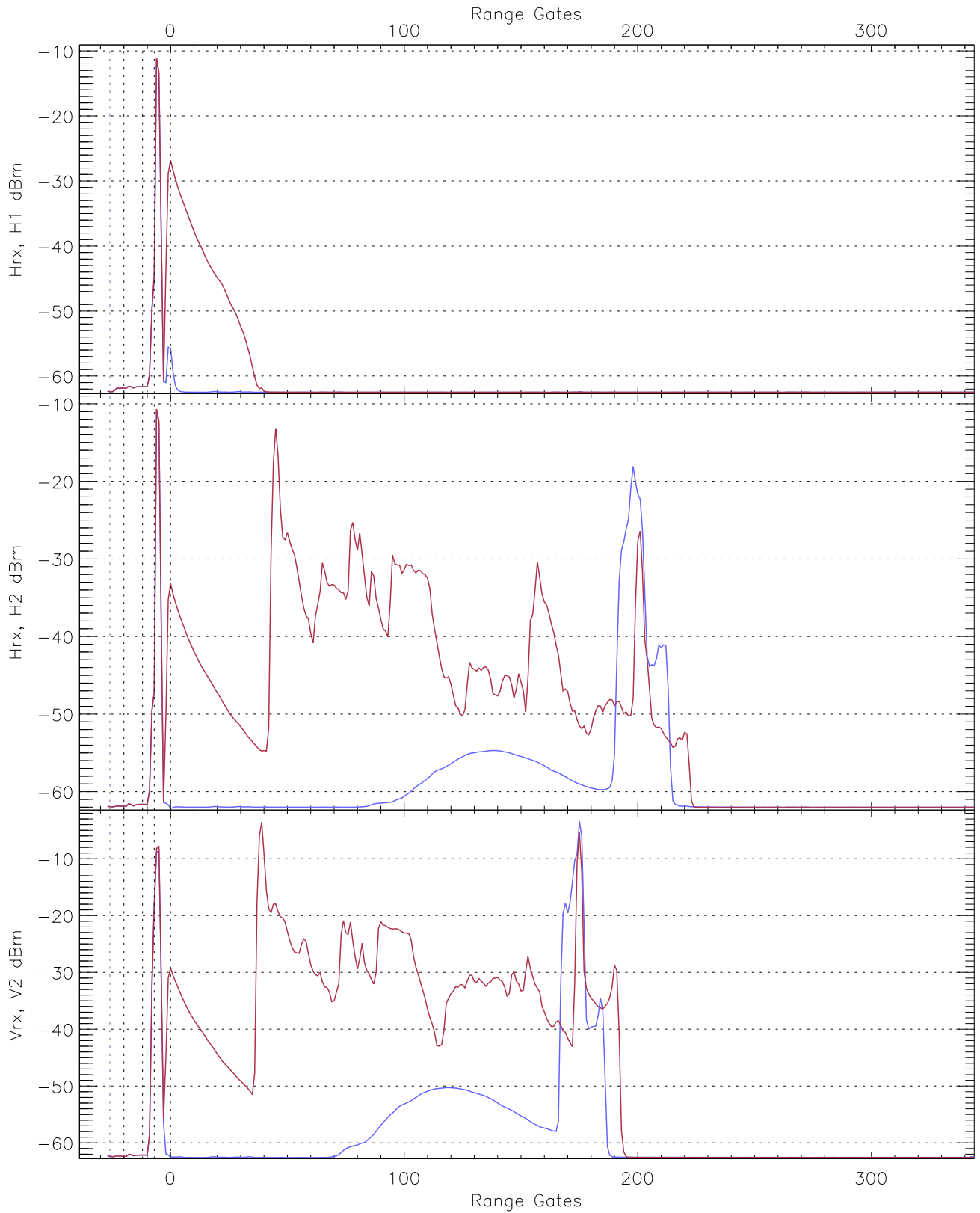
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.32	-61.36	-62.39	-62.39	-74.96
Hrx, H2 (RM [dBm])	-62.89	-61.04	-61.93	-61.93	-74.48
Vrx, V2 (RM [dBm])	-63.24	-61.38	-62.33	-62.34	-74.86



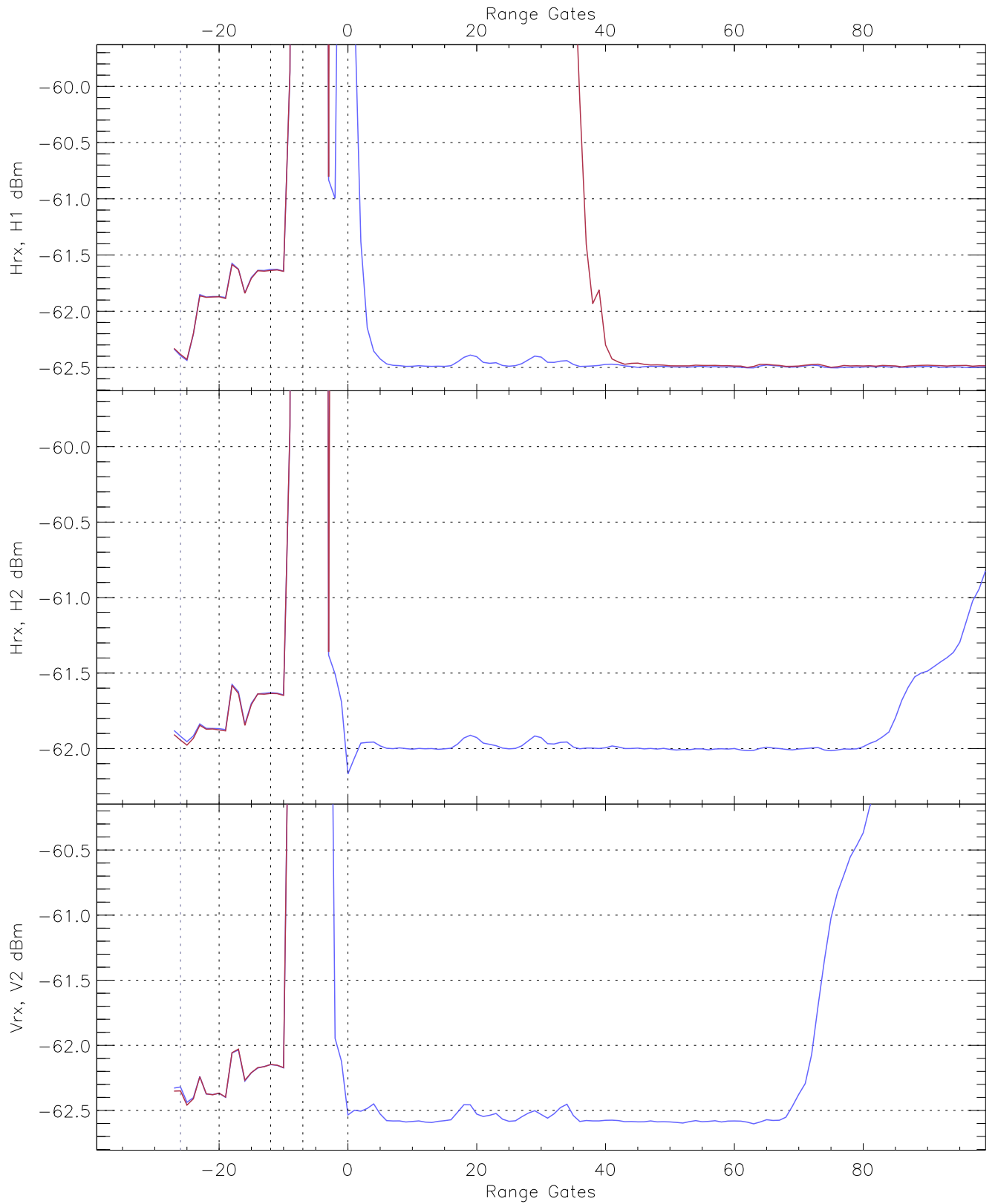
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG62_0 [dBm]	-63.52	-61.60	-62.50	-62.51	-75.03
H2RG275_0 [dBm]	-63.18	-61.14	-62.02	-62.03	-74.58
V2RG263_0 [dBm]	-63.61	-61.66	-62.60	-62.60	-75.16

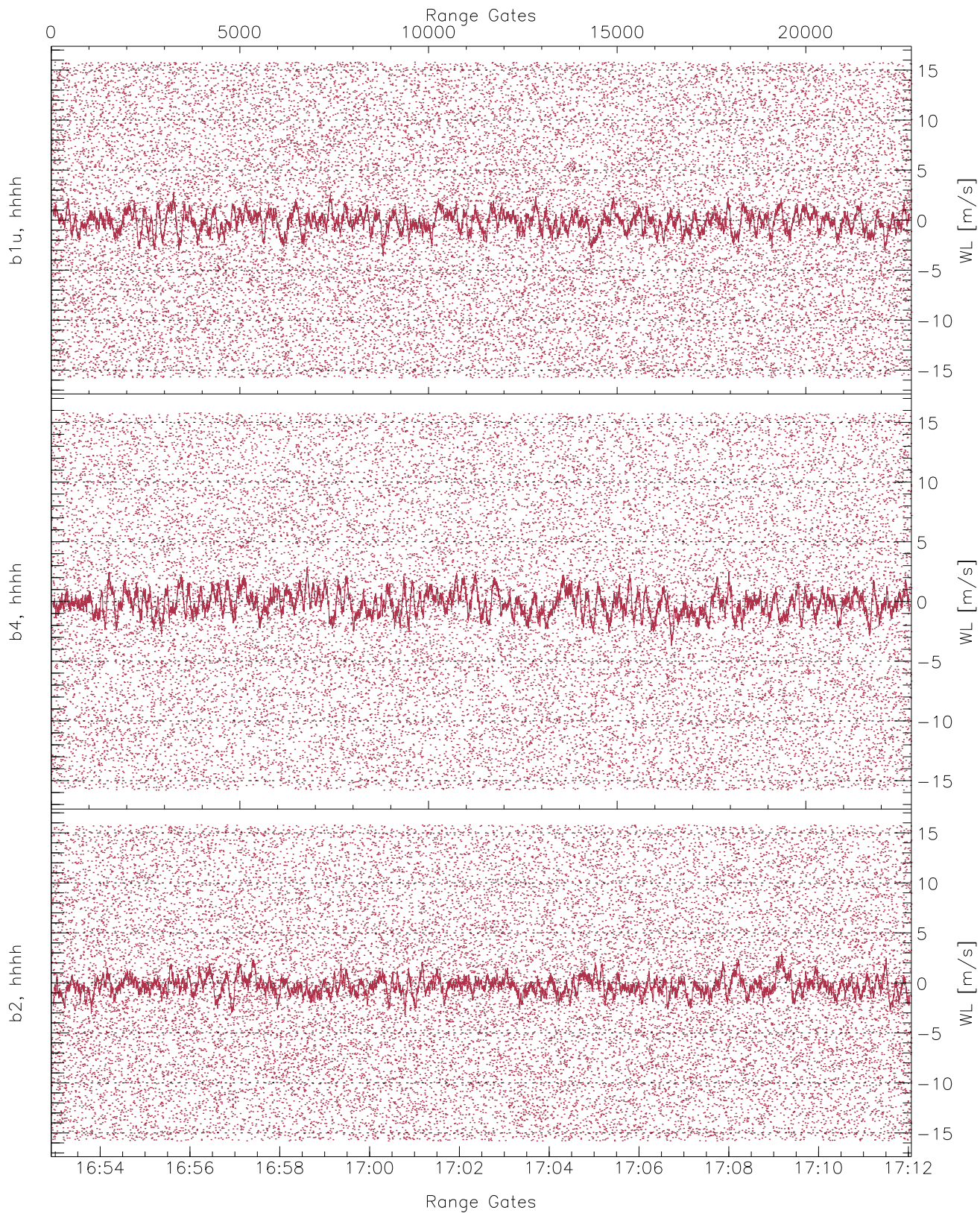


WCR2 CPP Averaged Received power for all recorded gates  
blue: 165255-170229, 11401 profiles averaged  
red: 170229-171204, 11400 profiles averaged

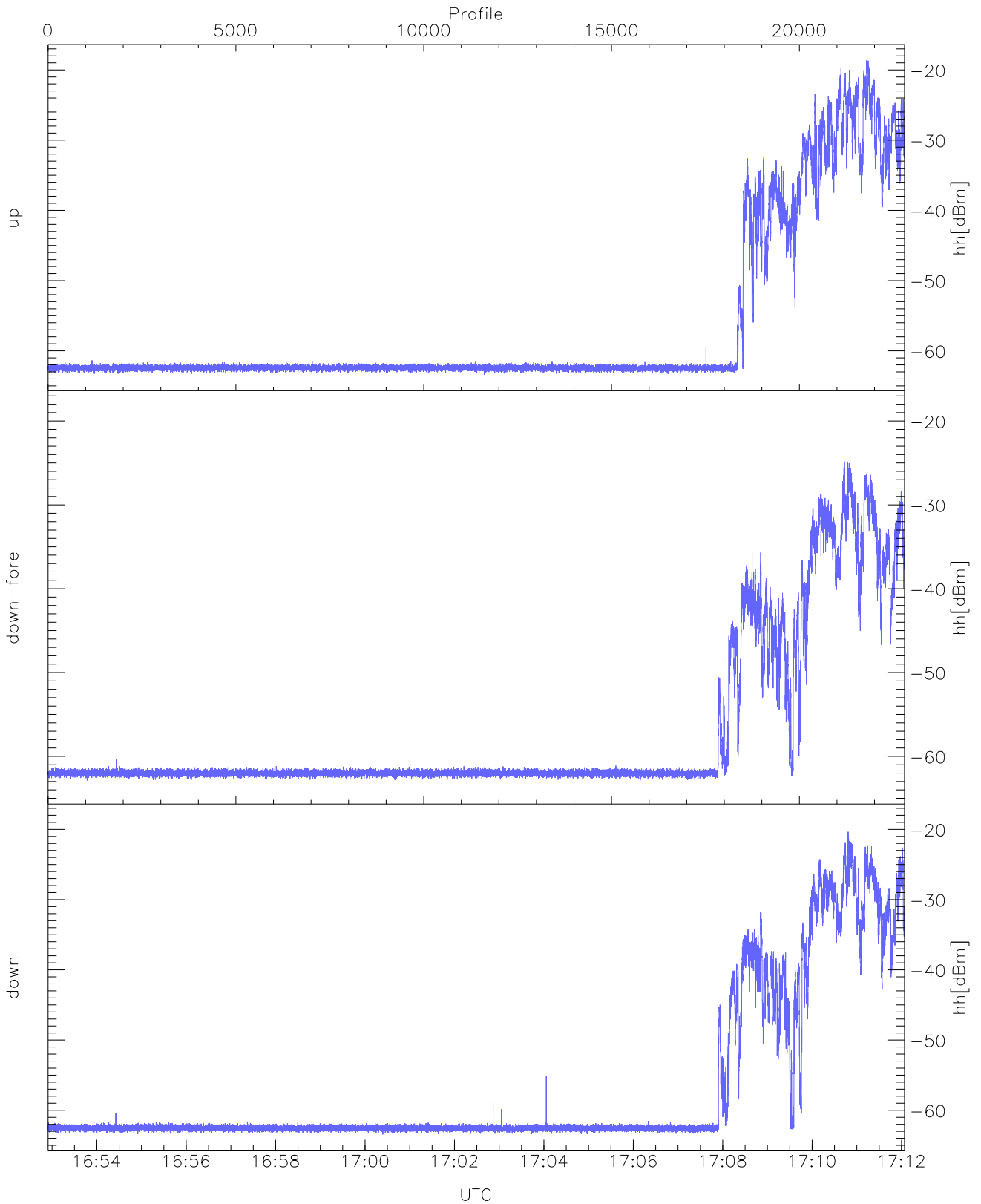




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 165255-170229, 11401 profiles averaged  
red: 170229-171204, 11400 profiles averaged

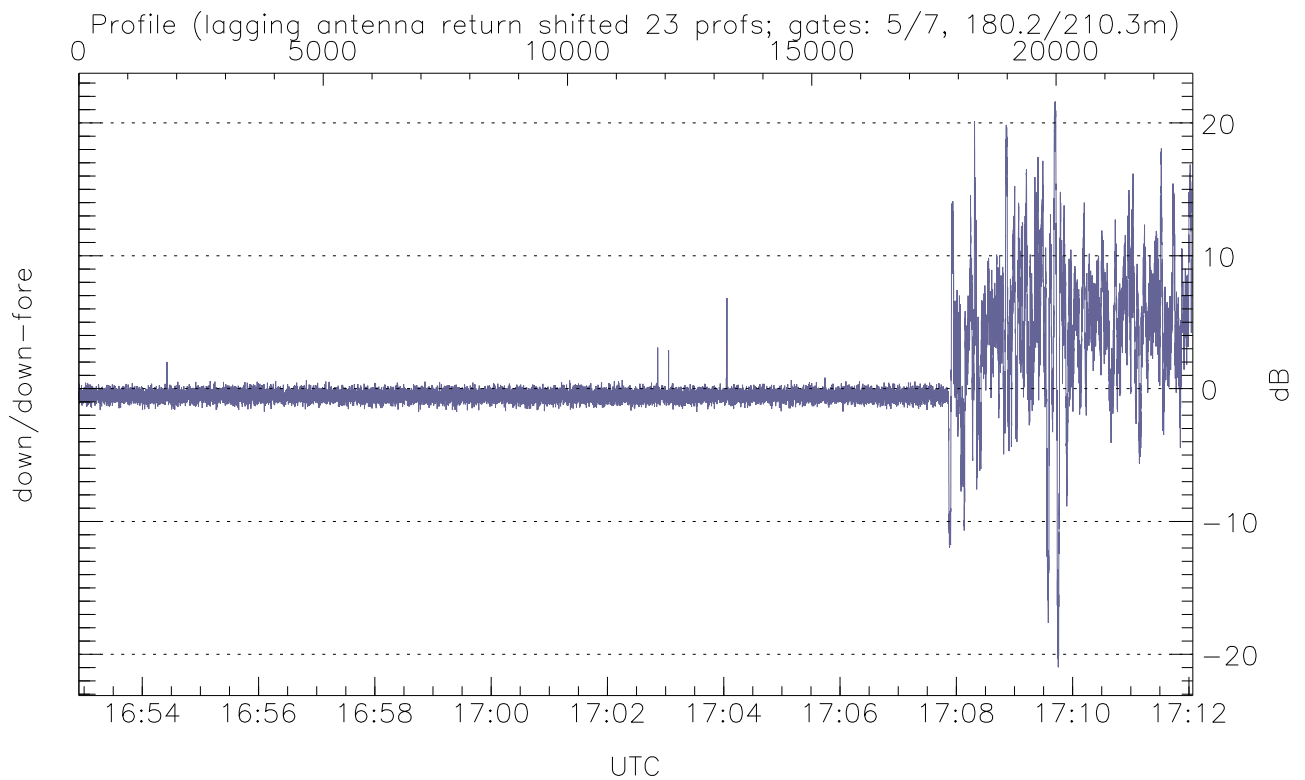
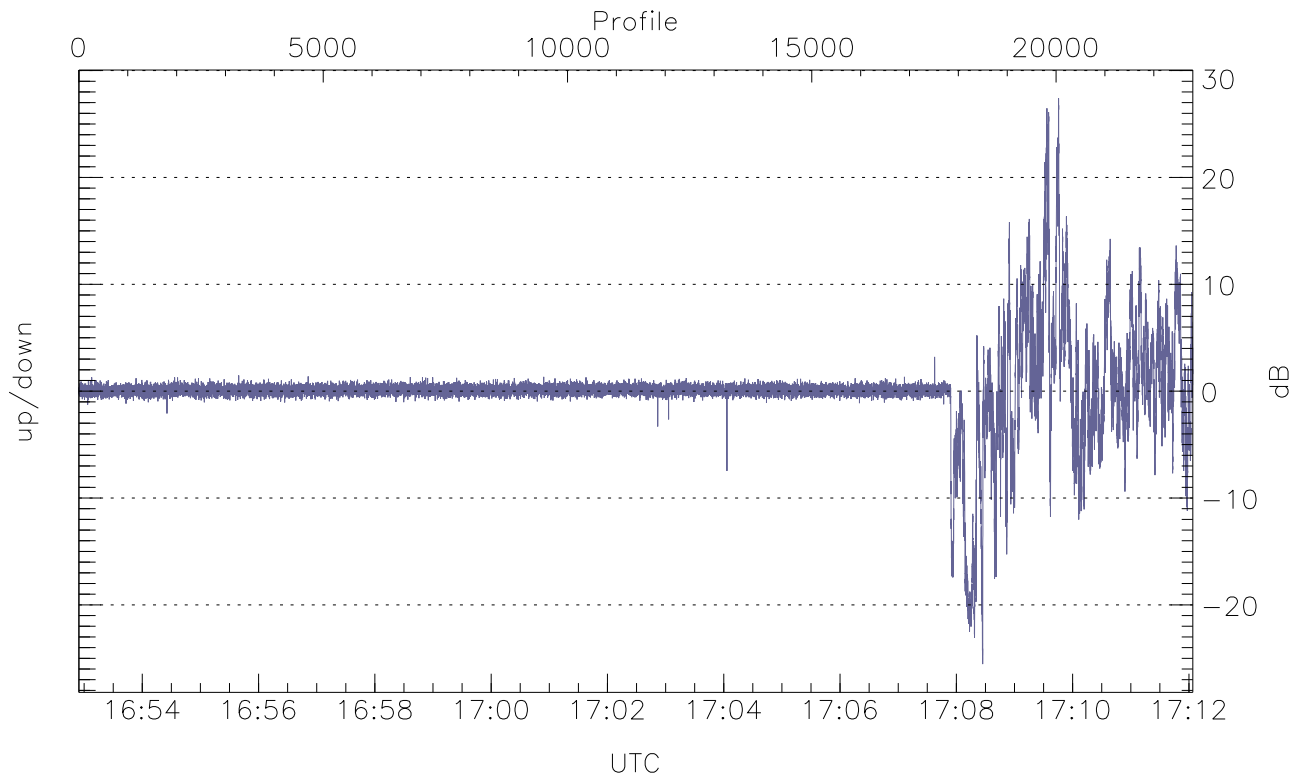


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



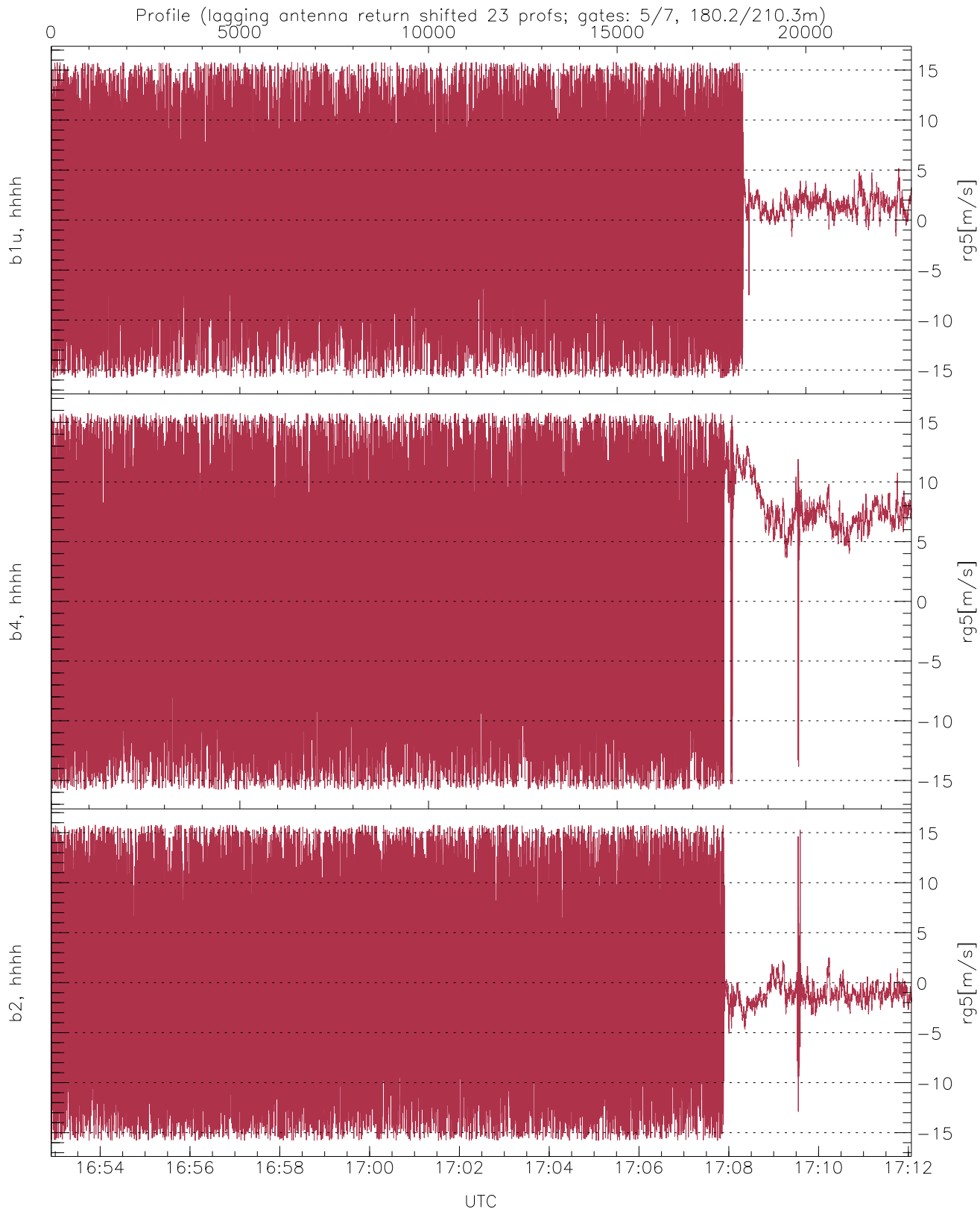
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.37	-18.63	-35.92
down-fore(hh[dBm])	-62.87	-24.81	-41.19
down(hh[dBm])	-63.44	-20.34	-37.44



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

	Min	Max	Mean
up/down (dB)	-25.54	27.41	0.13
down/down-fore (dB)	-20.97	21.61	0.60



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.14	7.58
b4, hhhh(rg5[m/s])	-15.80	15.80	1.54	8.71
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.60	8.02