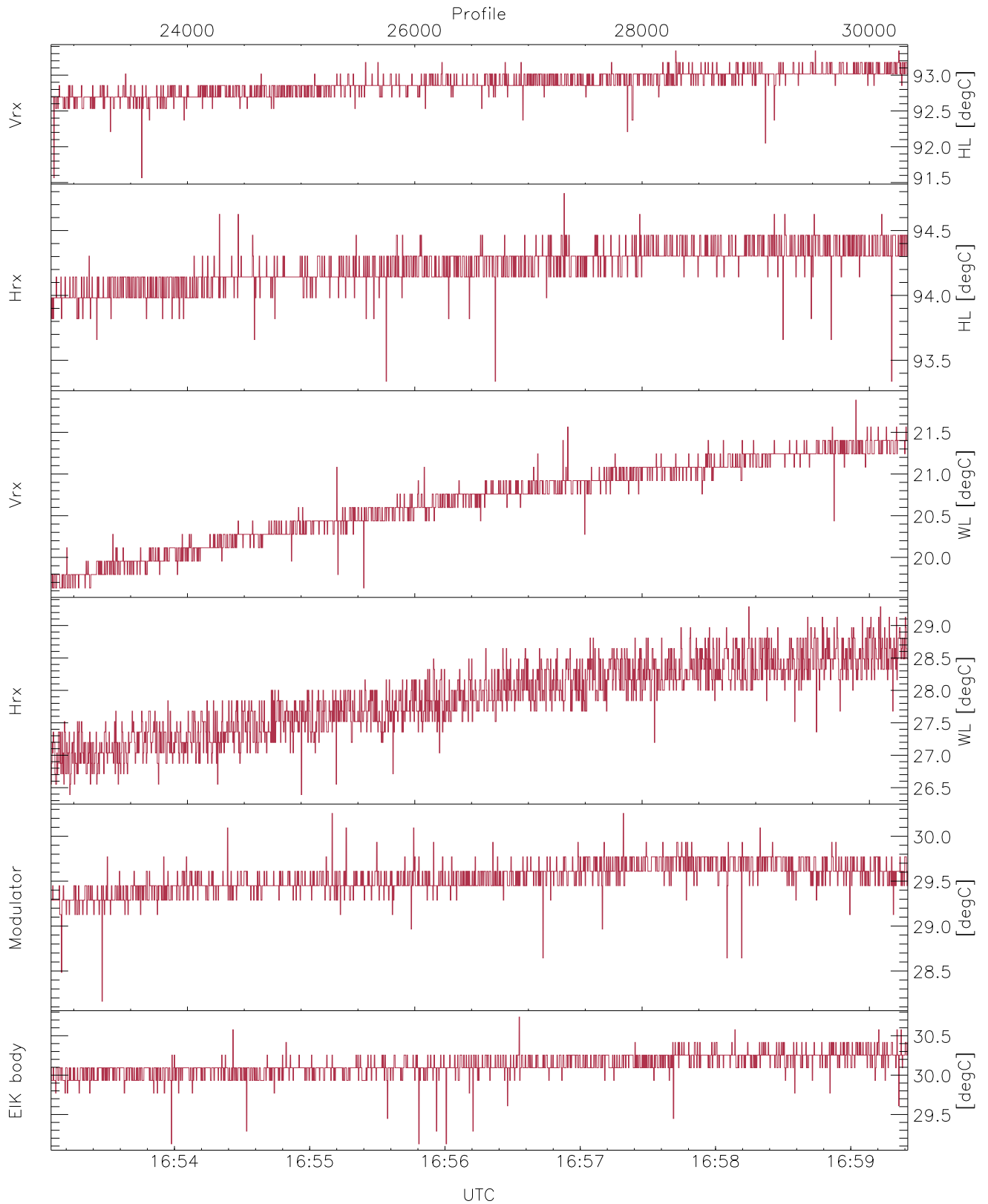


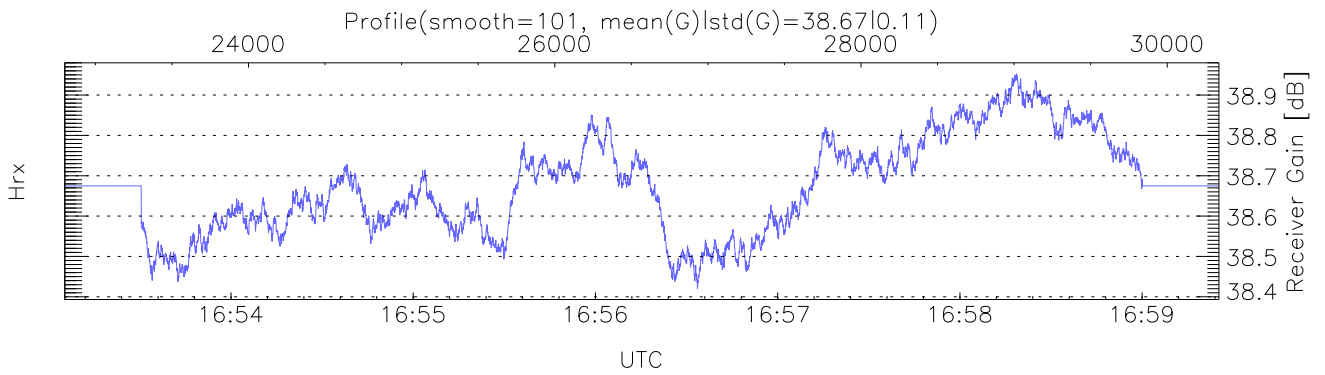
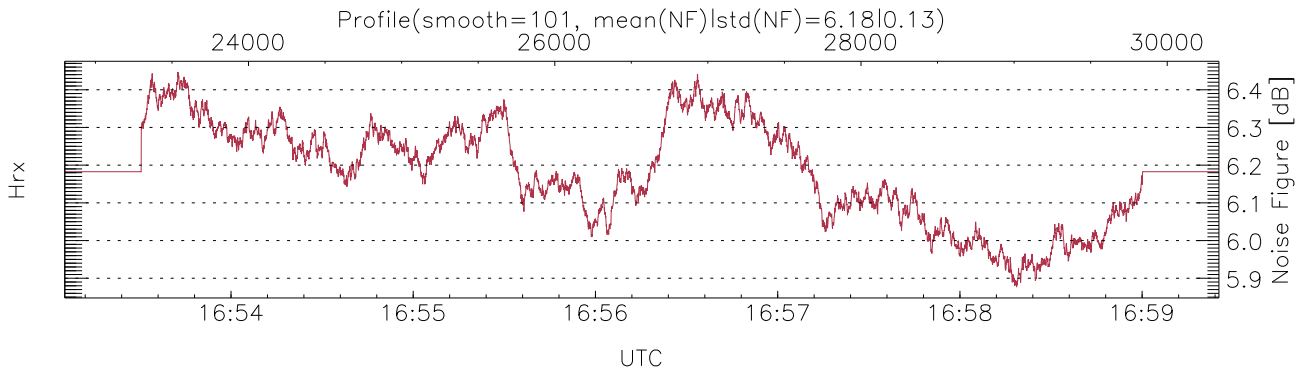
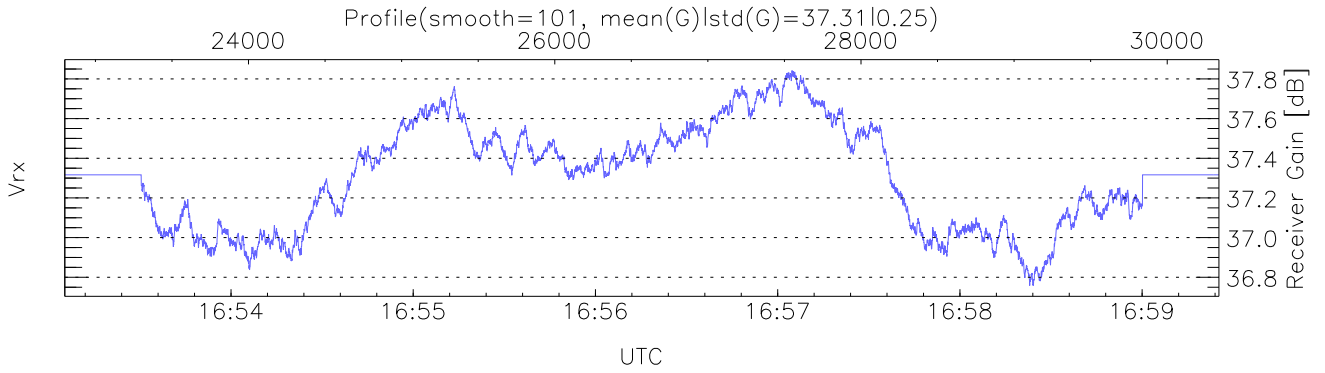
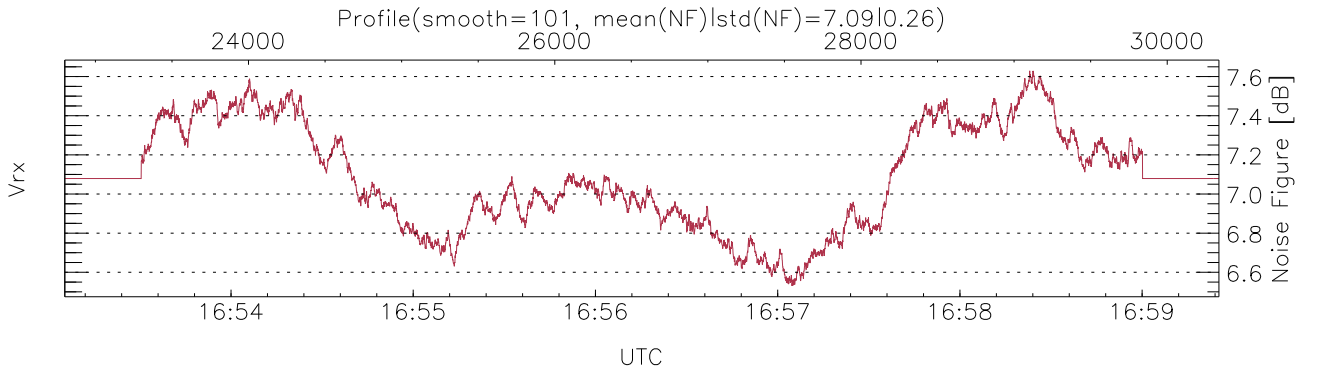
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:33:56-16:59:25, Dur: 1529.42s  
 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): 7539/30339, 22800-30338/16:53:05-16:59:25  
 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



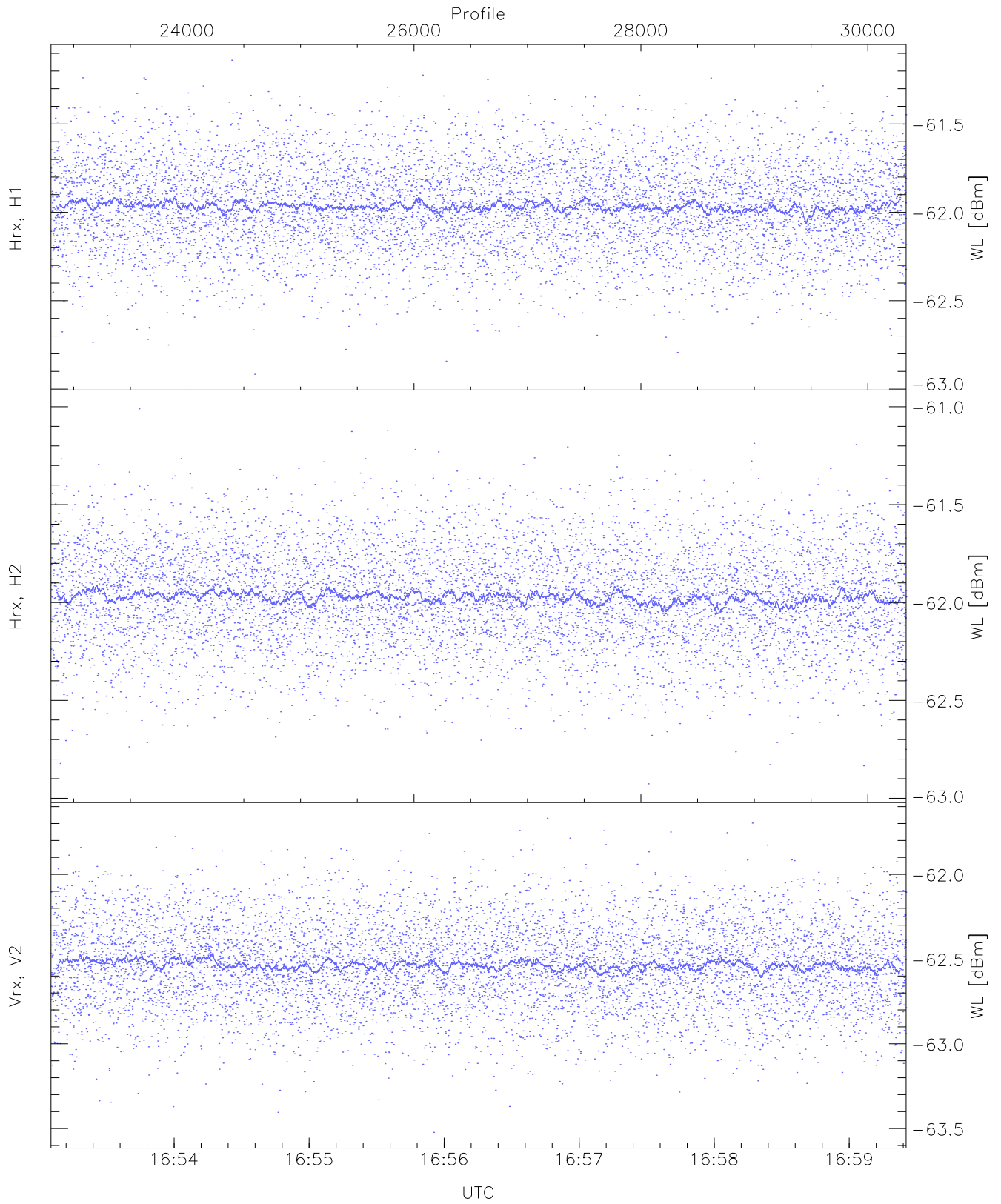
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,19,26,28,29  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,29,30,30  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
HVPS (15)



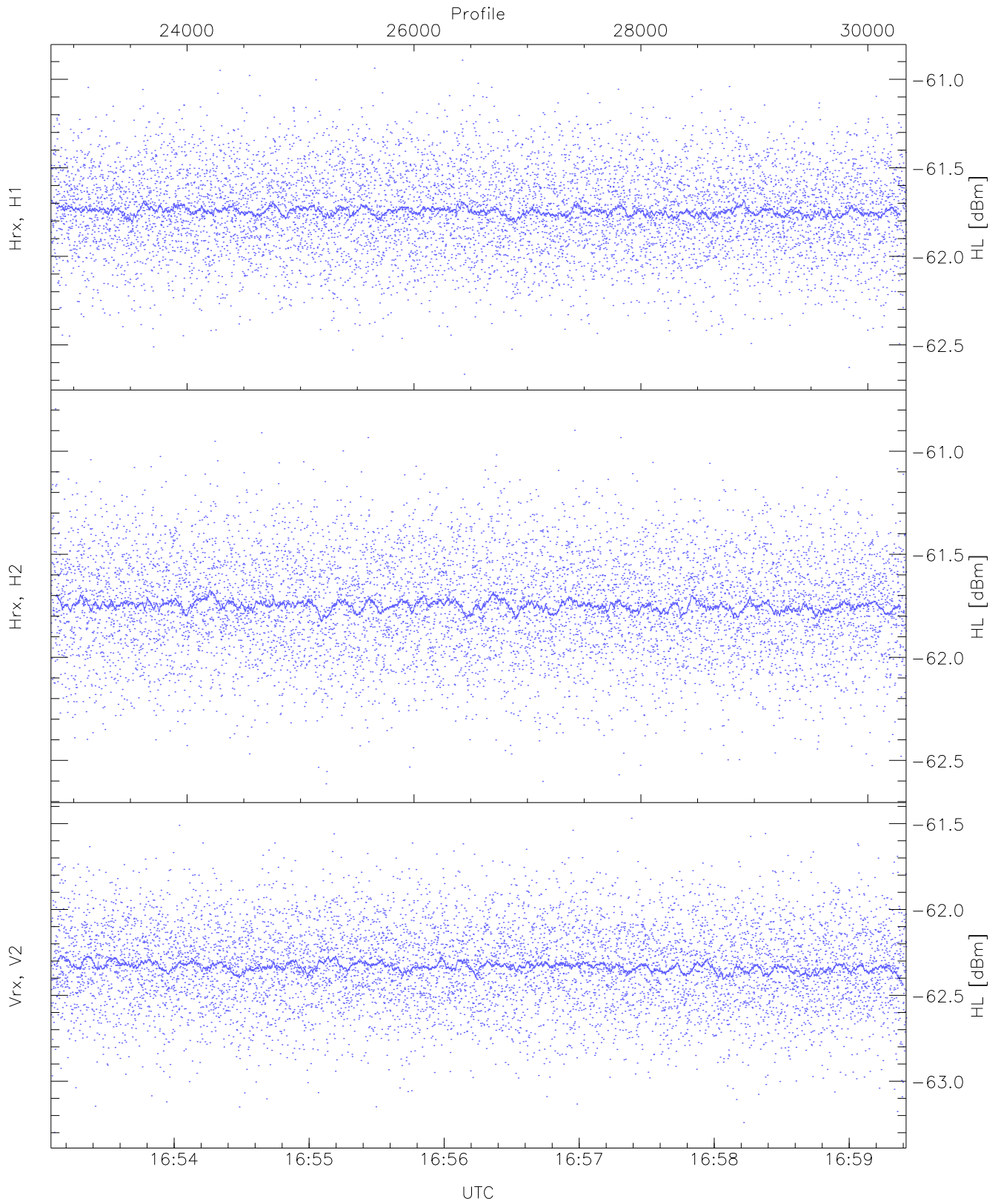
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2706 pixs, 31 gates, 2675 profs, 2 prods



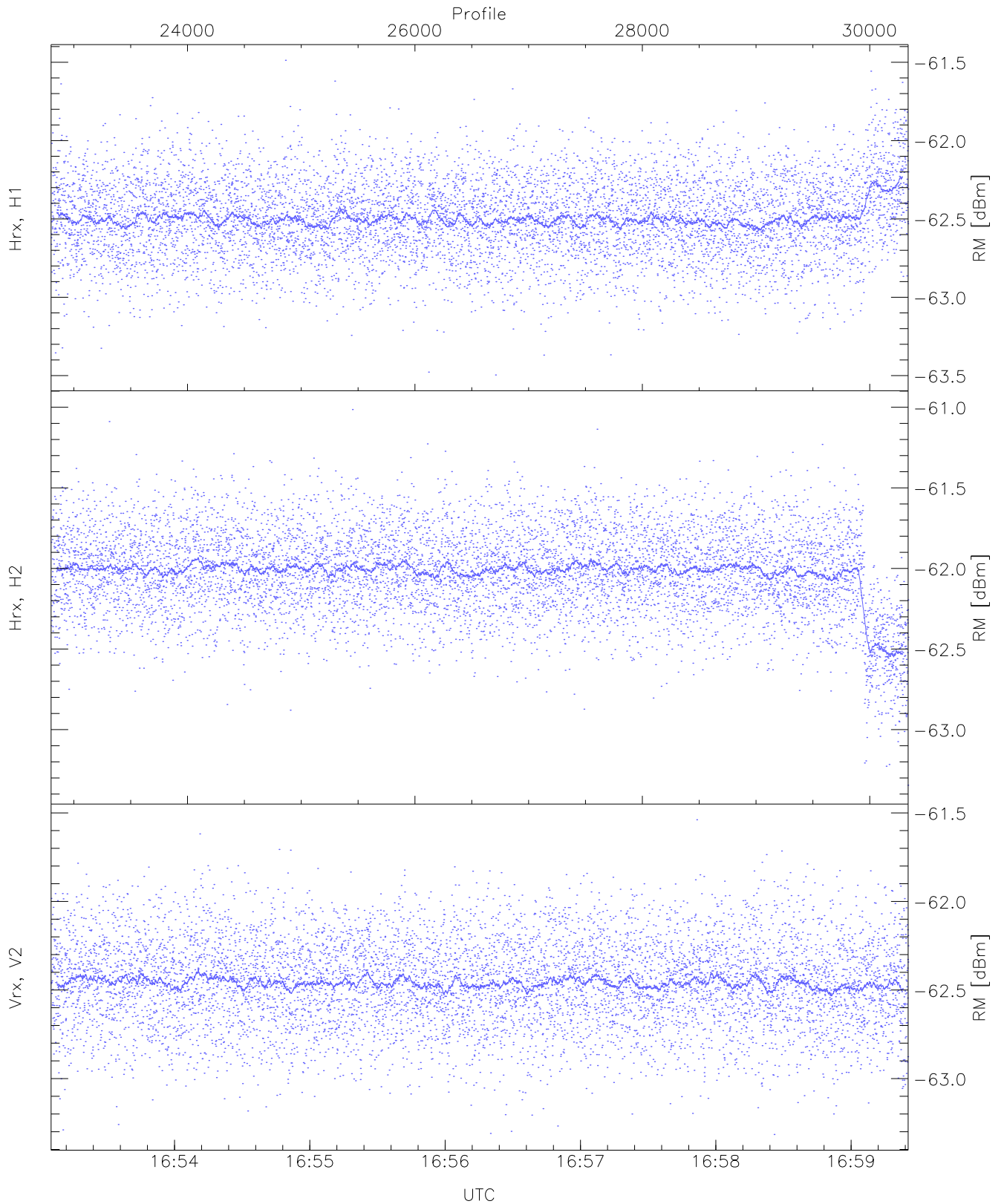
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.92	-61.14	-61.96	-61.97	-74.60
Hrx, H2(WL [dBm])	-62.93	-61.01	-61.97	-61.97	-74.53
Vrx, V2(WL [dBm])	-63.52	-61.67	-62.53	-62.54	-75.11



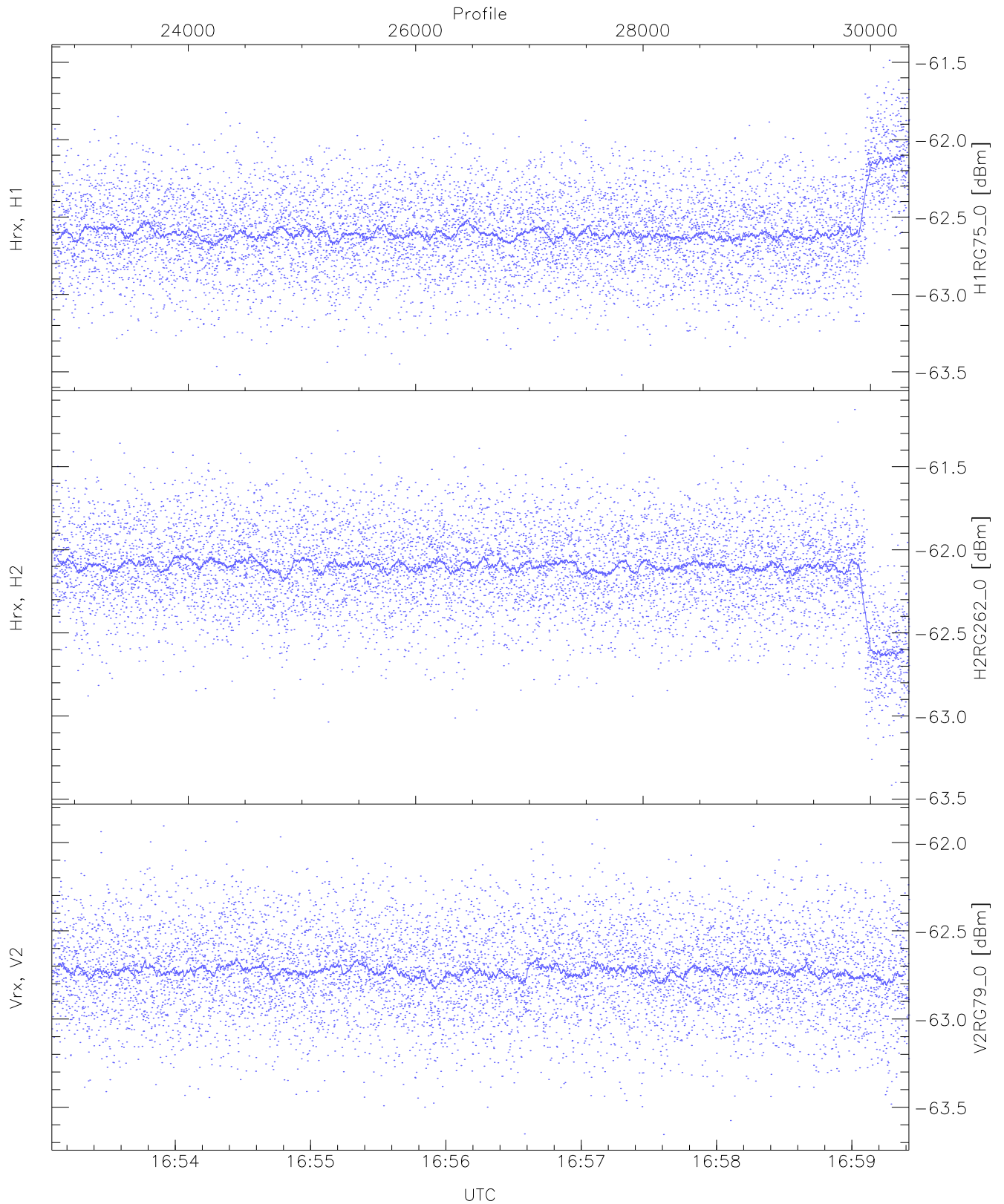
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.67	-60.89	-61.74	-61.75	-74.35
Hrx, H2 (HL [dBm])	-62.61	-60.79	-61.74	-61.75	-74.29
Vrx, V2 (HL [dBm])	-63.30	-61.47	-62.33	-62.33	-74.87



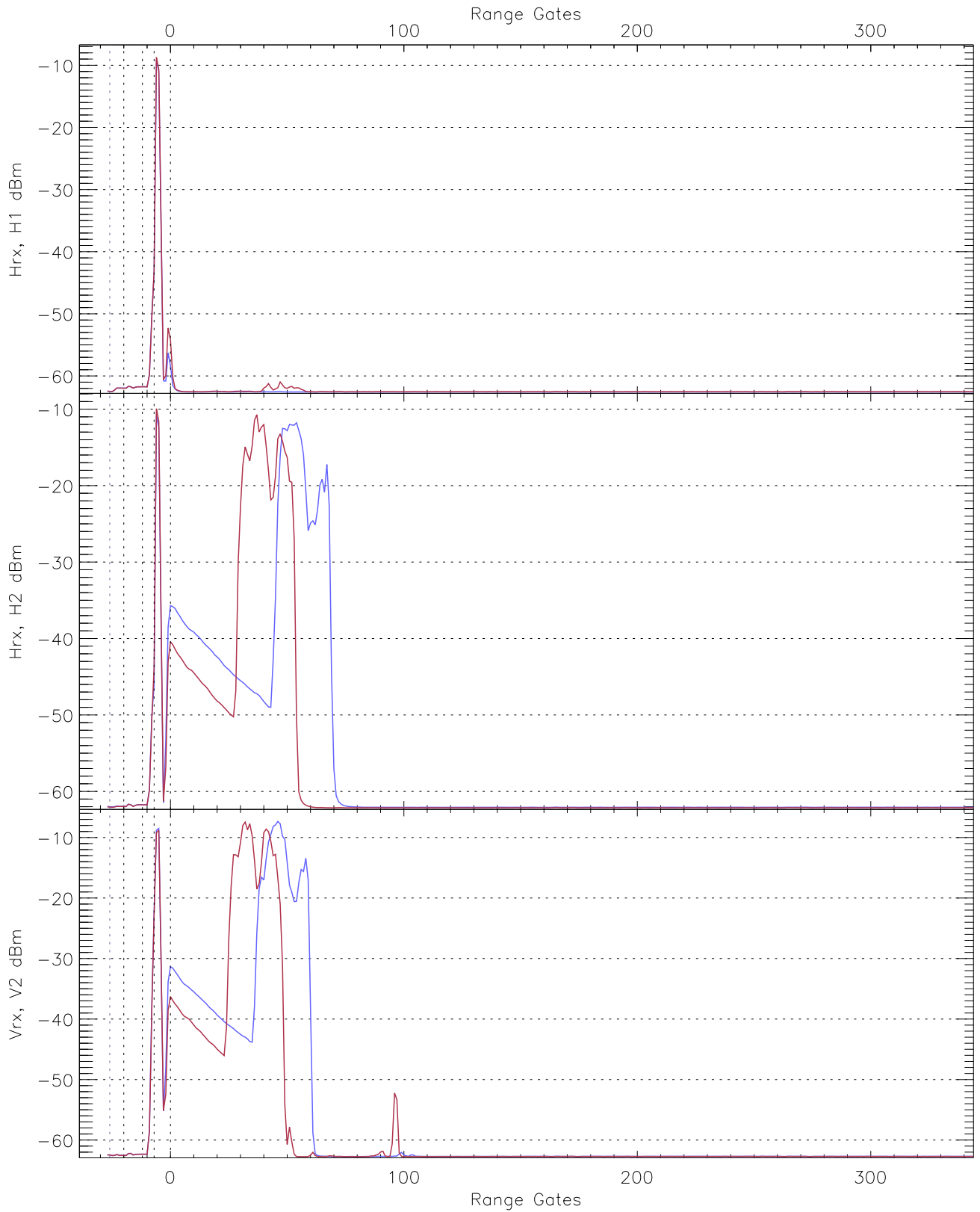
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.50	-61.49	-62.49	-62.49	-74.96
Hrx, H2 (RM [dBm])	-63.35	-61.01	-62.02	-62.02	-74.23
Vrx, V2 (RM [dBm])	-63.32	-61.54	-62.45	-62.46	-75.03



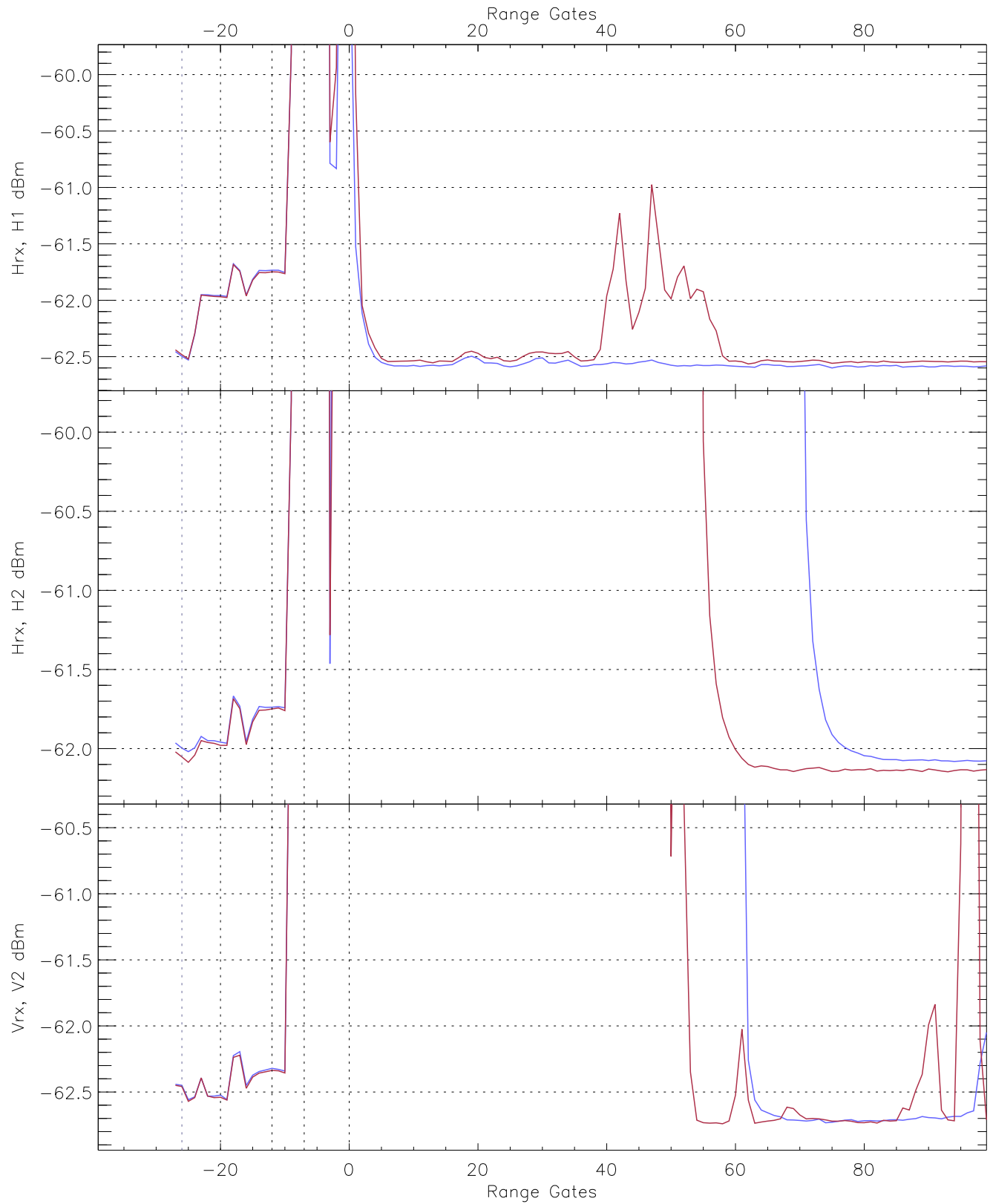
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.52	-61.49	-62.58	-62.59	-74.68
H2RG262_0 [dBm]	-63.42	-61.16	-62.12	-62.11	-74.30
V2RG79_0 [dBm]	-63.65	-61.87	-62.73	-62.73	-75.30

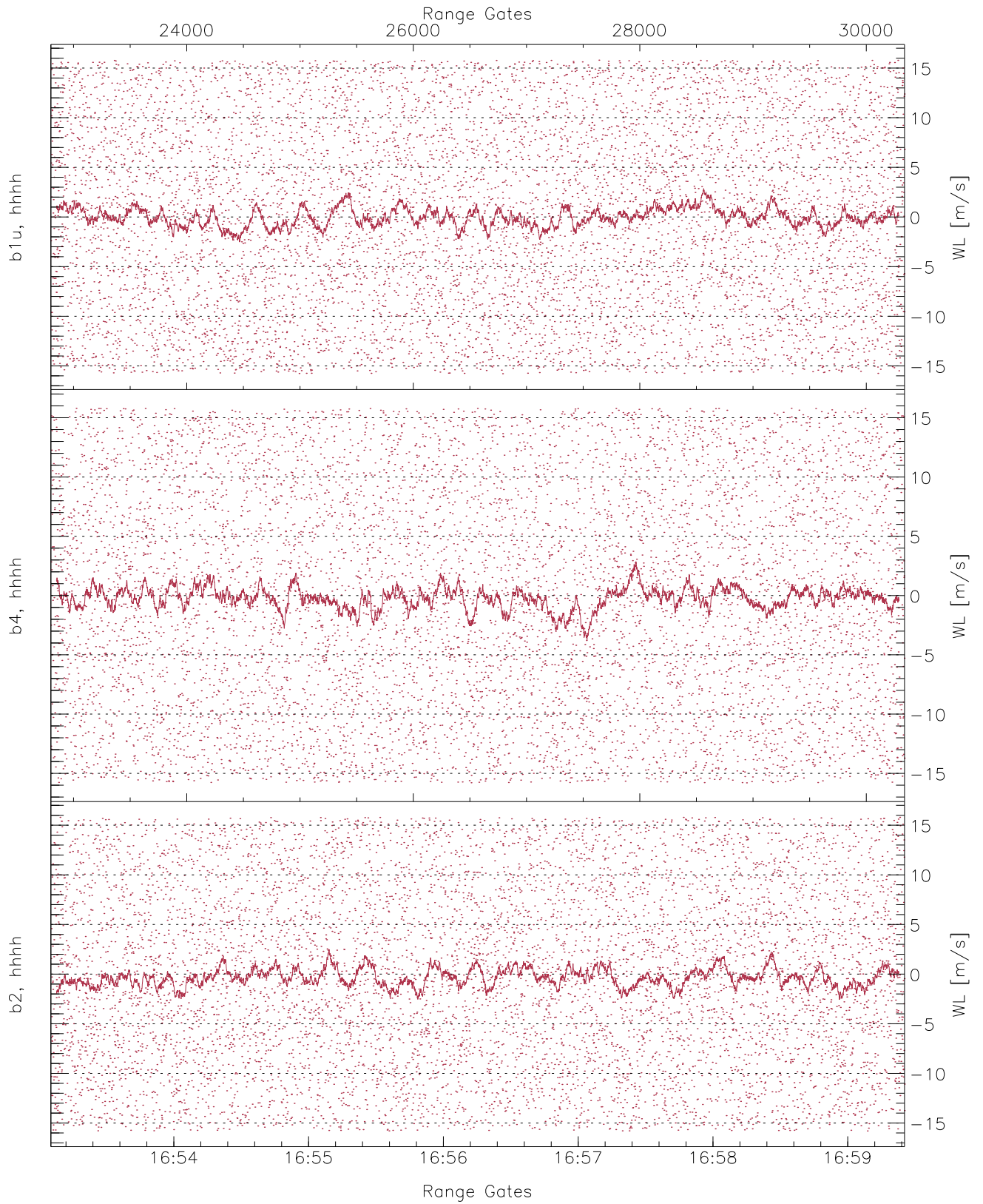


WCR2 CPP Averaged Received power for all recorded gates  
blue: 165305-165615, 3770 profiles averaged  
red: 165615-165925, 3770 profiles averaged

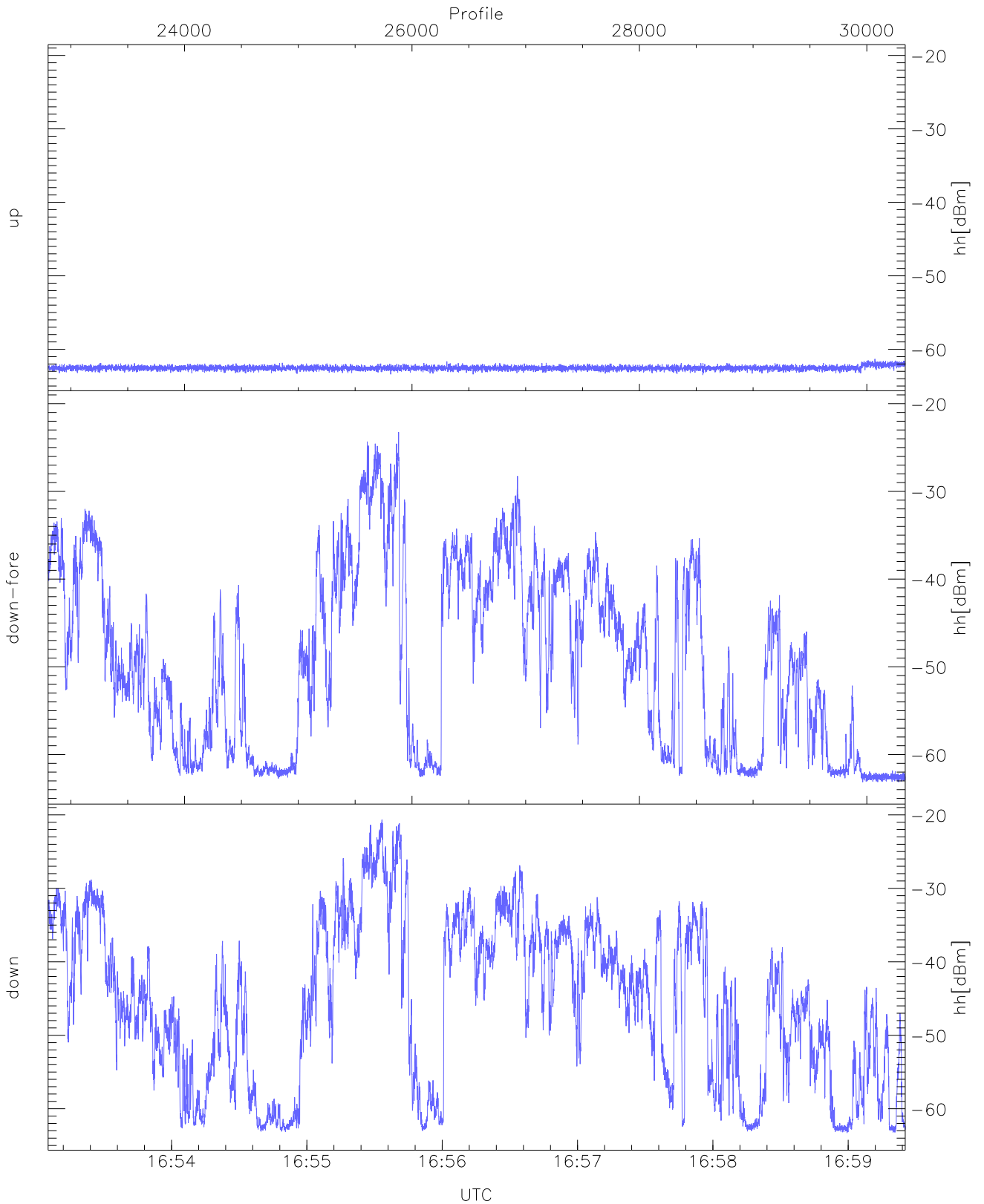




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 165305-165615, 3770 profiles averaged  
red: 165615-165925, 3770 profiles averaged

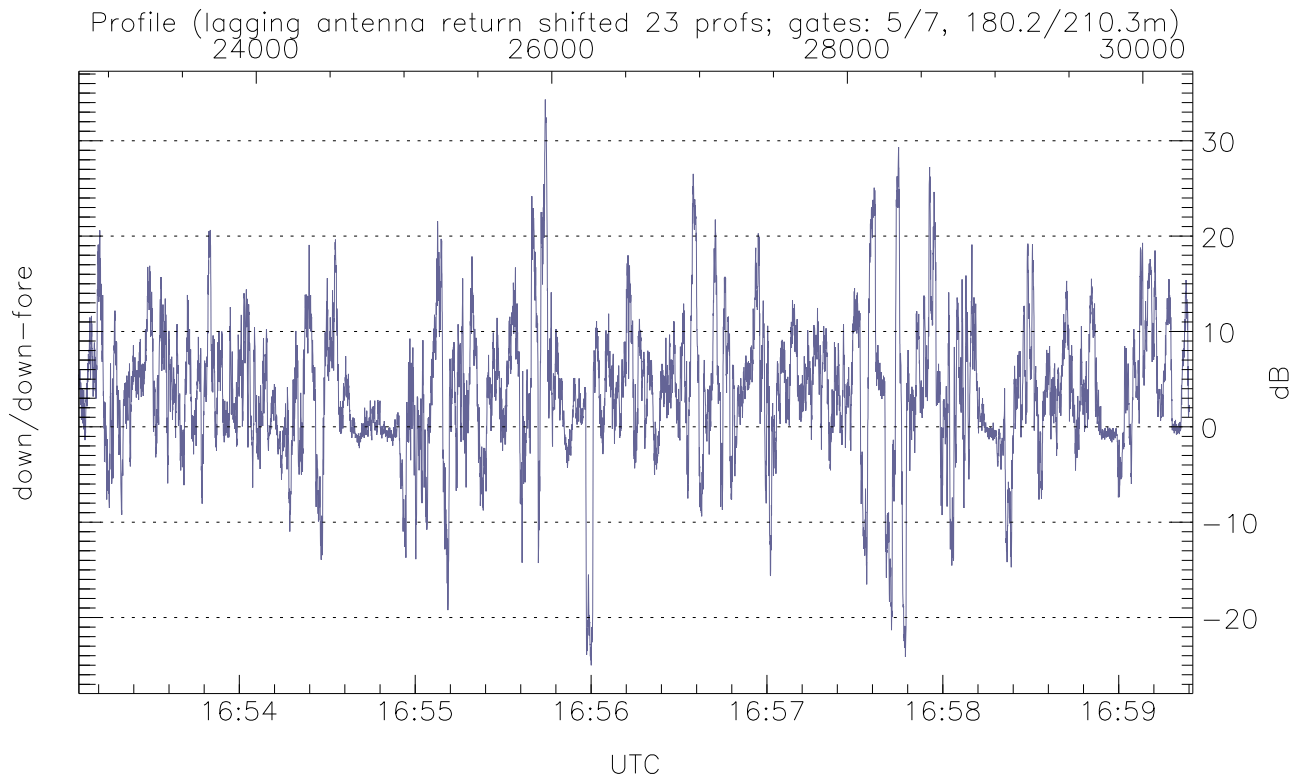
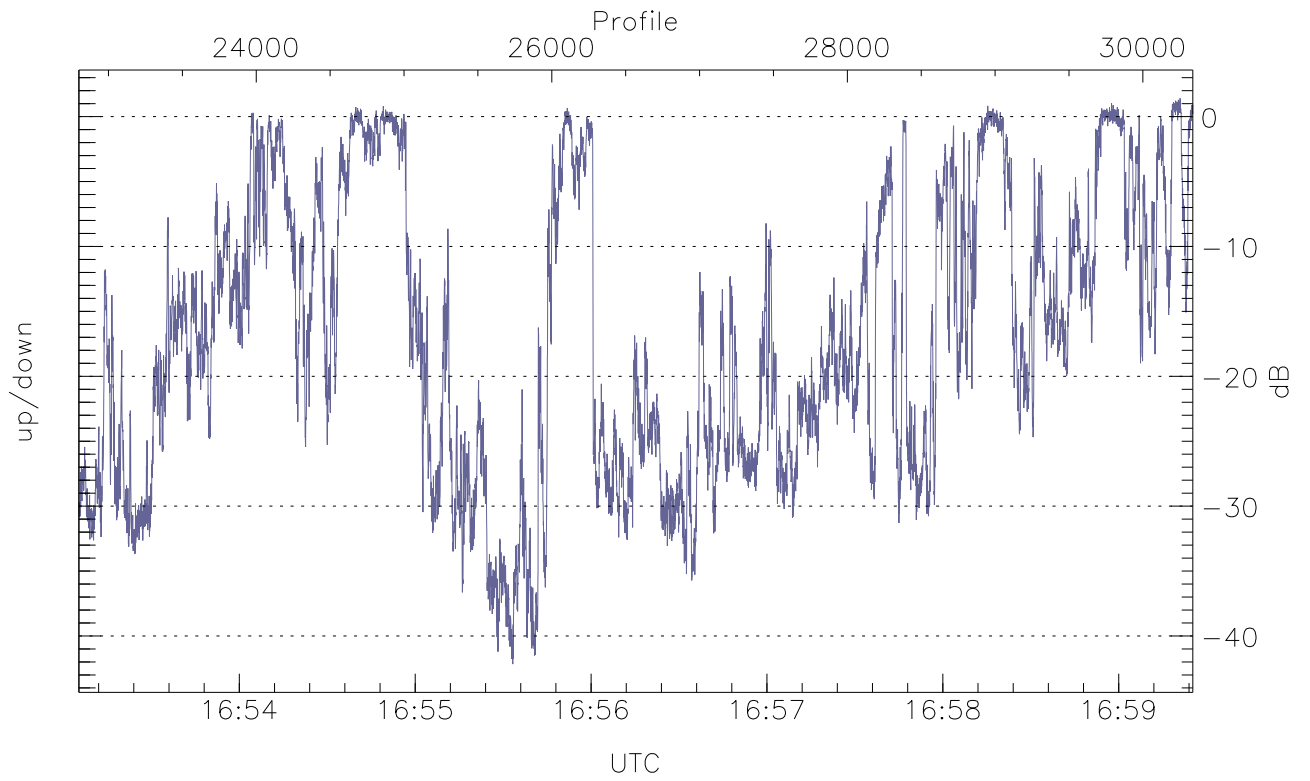


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



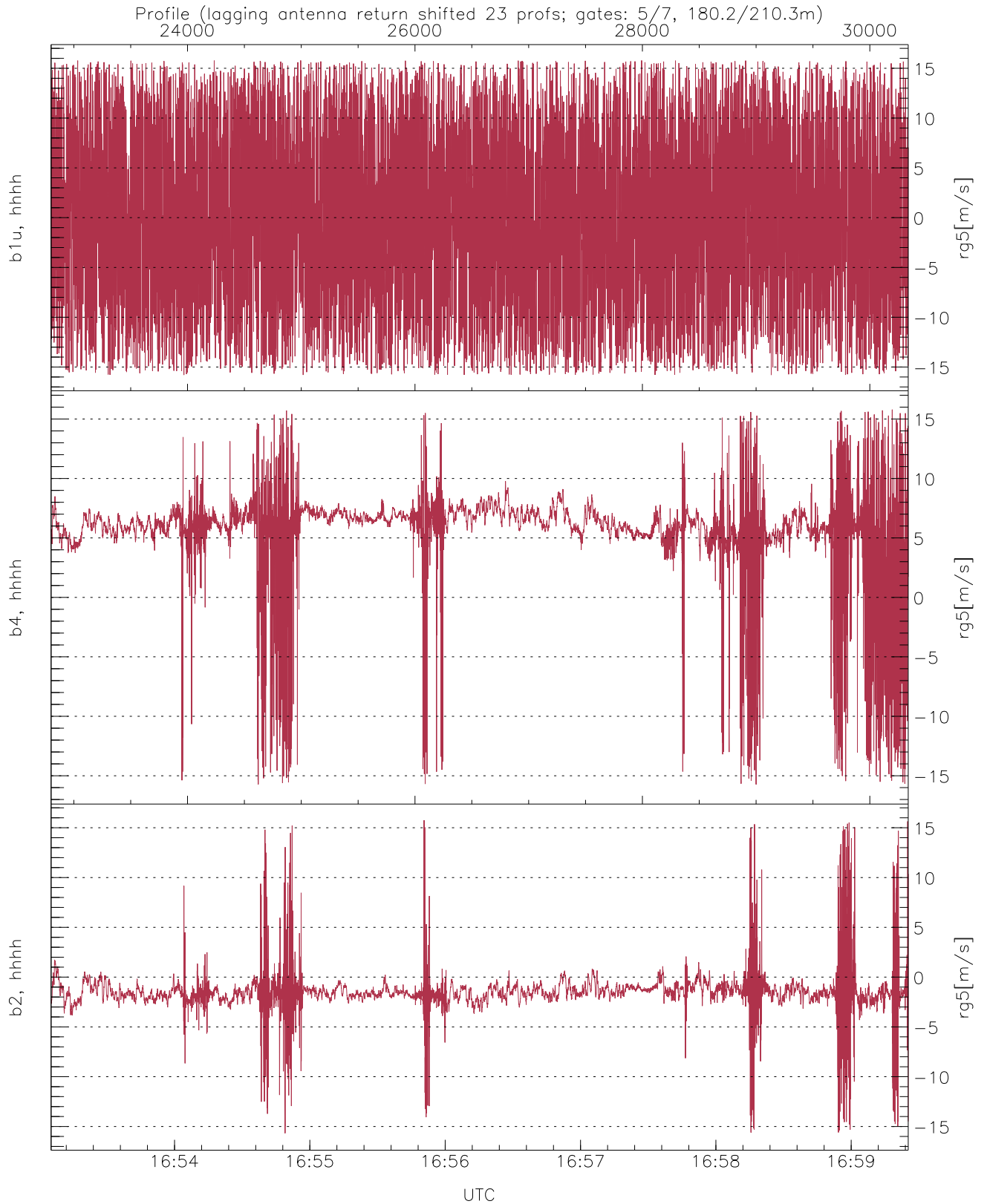
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-63.50	-61.32	-62.53
down-fore(hh [dBm])	-63.16	-23.25	-39.45
down(hh [dBm])	-63.29	-20.67	-35.72



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

	Min	Max	Mean
up/down (dB)	-42.16	1.41	-16.79
down/down-fore (dB)	-25.00	34.33	3.63



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.20	8.93
b4, hhhh(rg5[m/s])	-15.73	15.80	5.42	4.18
b2, hhhh(rg5[m/s])	-15.68	15.76	-1.49	2.15