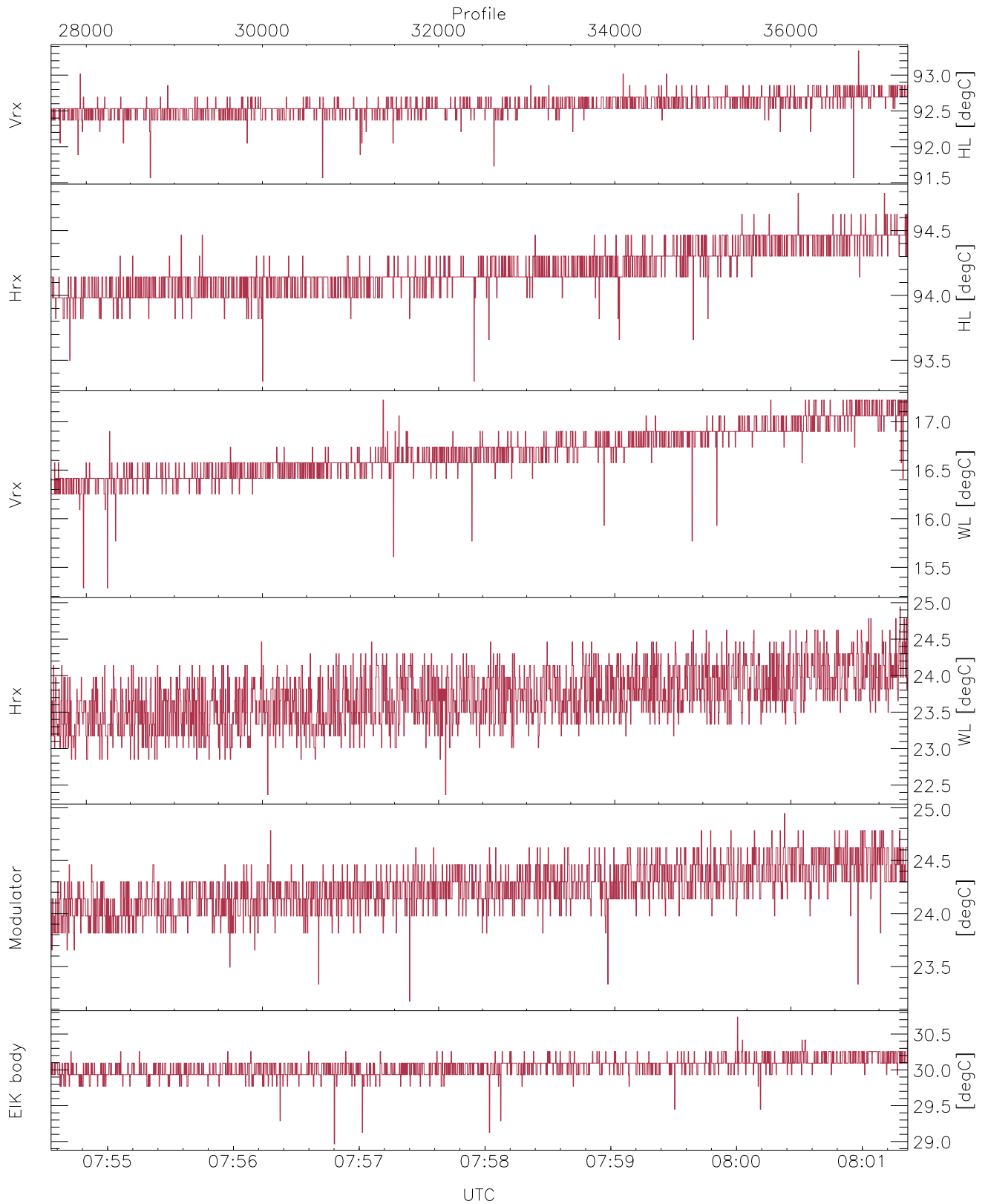


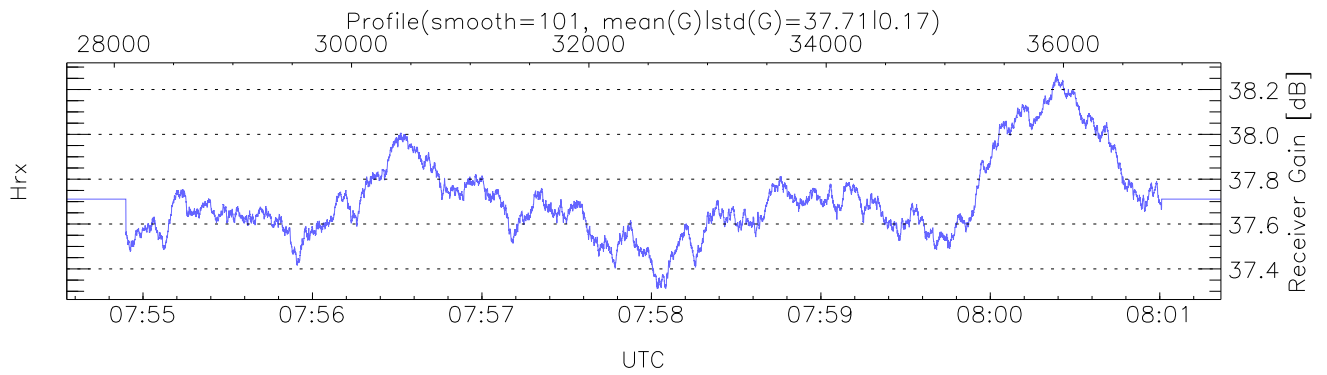
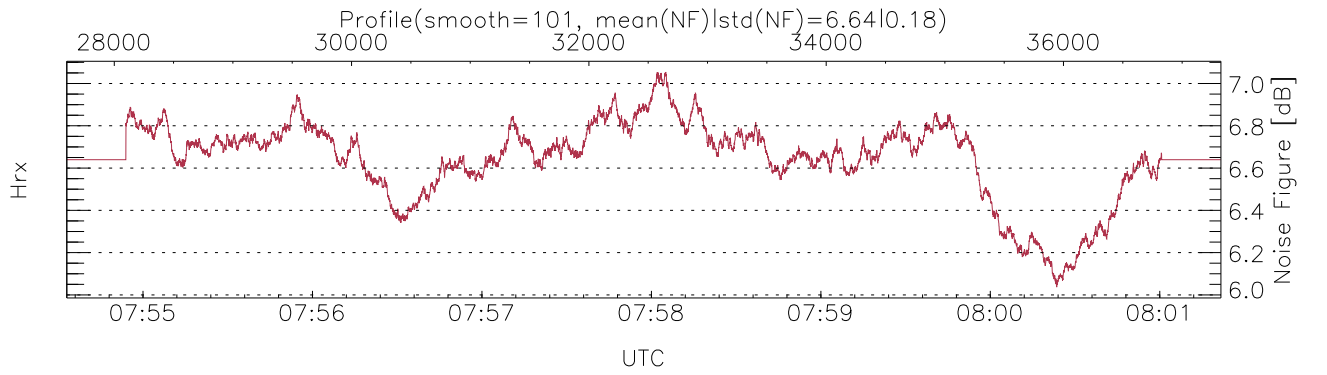
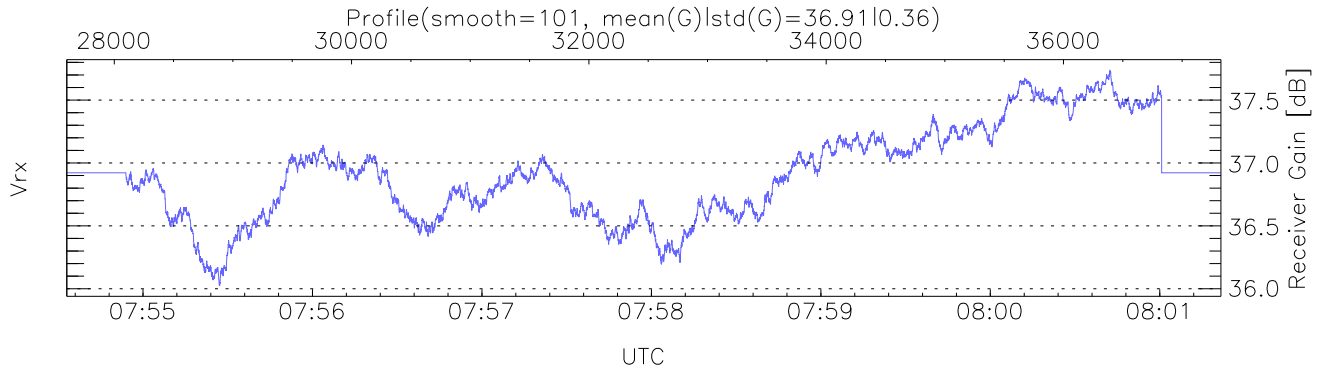
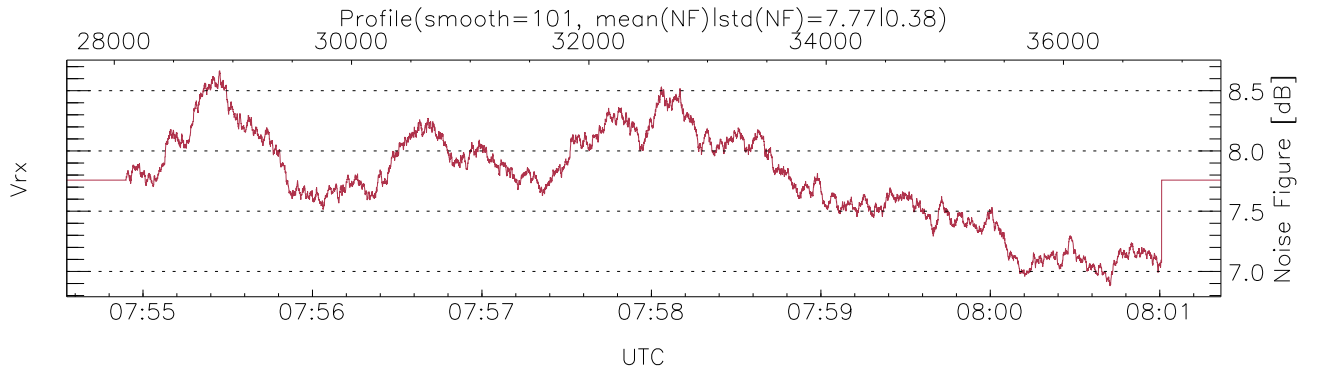
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 07:35:14-08:01:22, Dur: 1568.13s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 9728/37328, 27600-37327/07:54:33-08:01:22  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



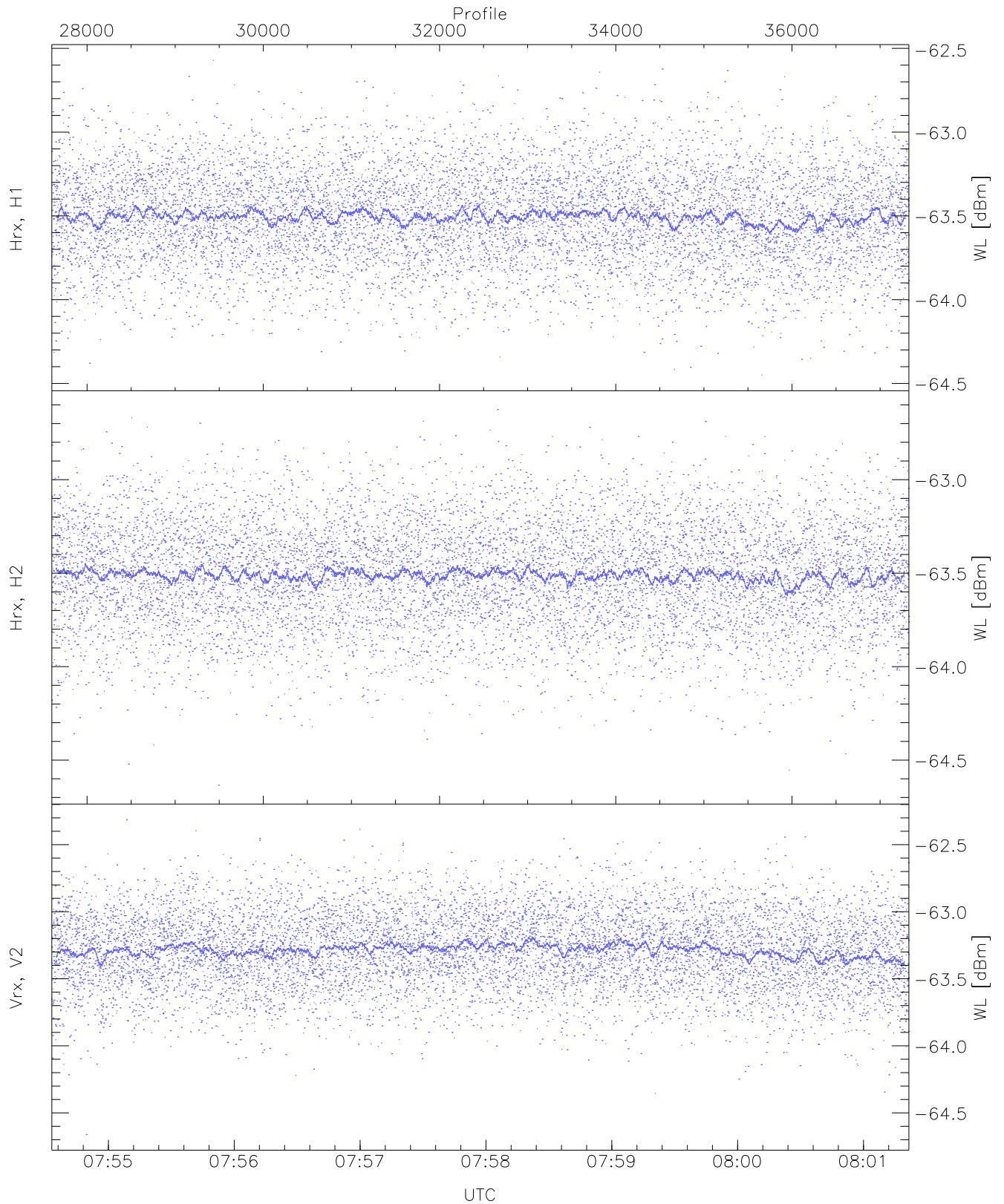
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,15,22,23,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,17,24,24,30  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



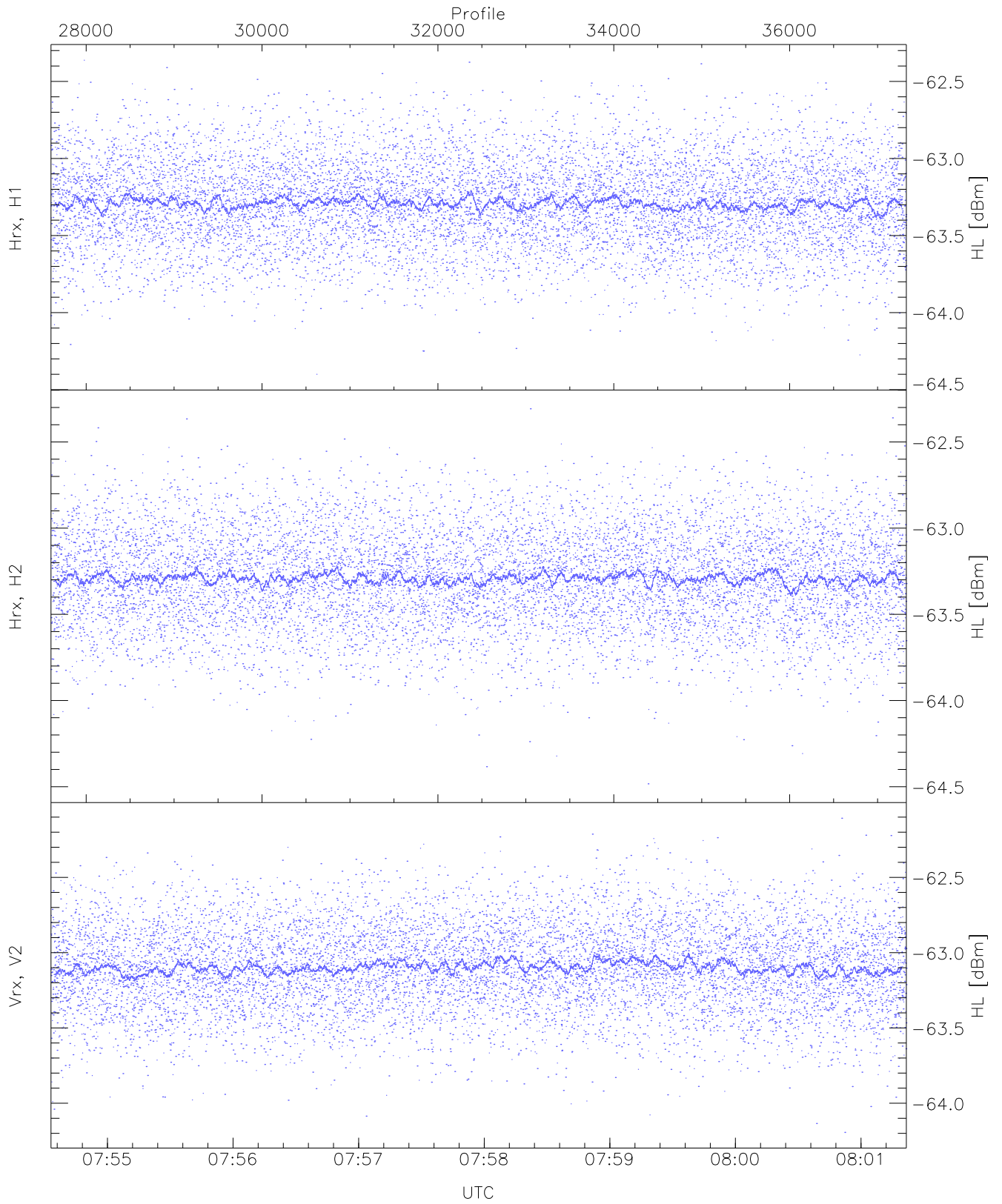
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 13018 pixs, 70 gates, 6820 profs, 2 prods



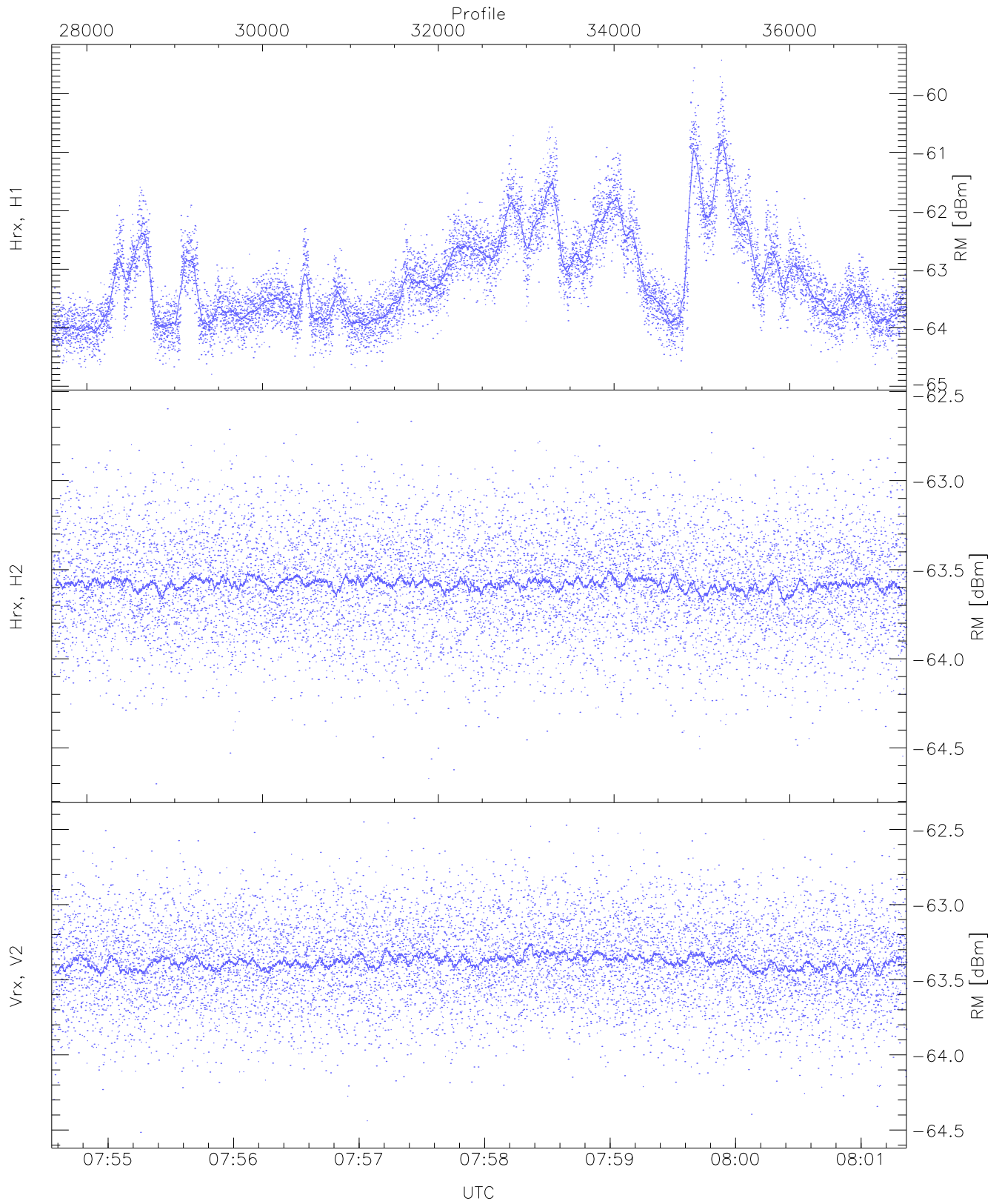
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.45	-62.57	-63.50	-63.50	-75.65
Hrx, H2 (WL [dBm])	-64.63	-62.62	-63.51	-63.51	-75.67
Vrx, V2 (WL [dBm])	-64.66	-62.31	-63.28	-63.29	-75.38



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

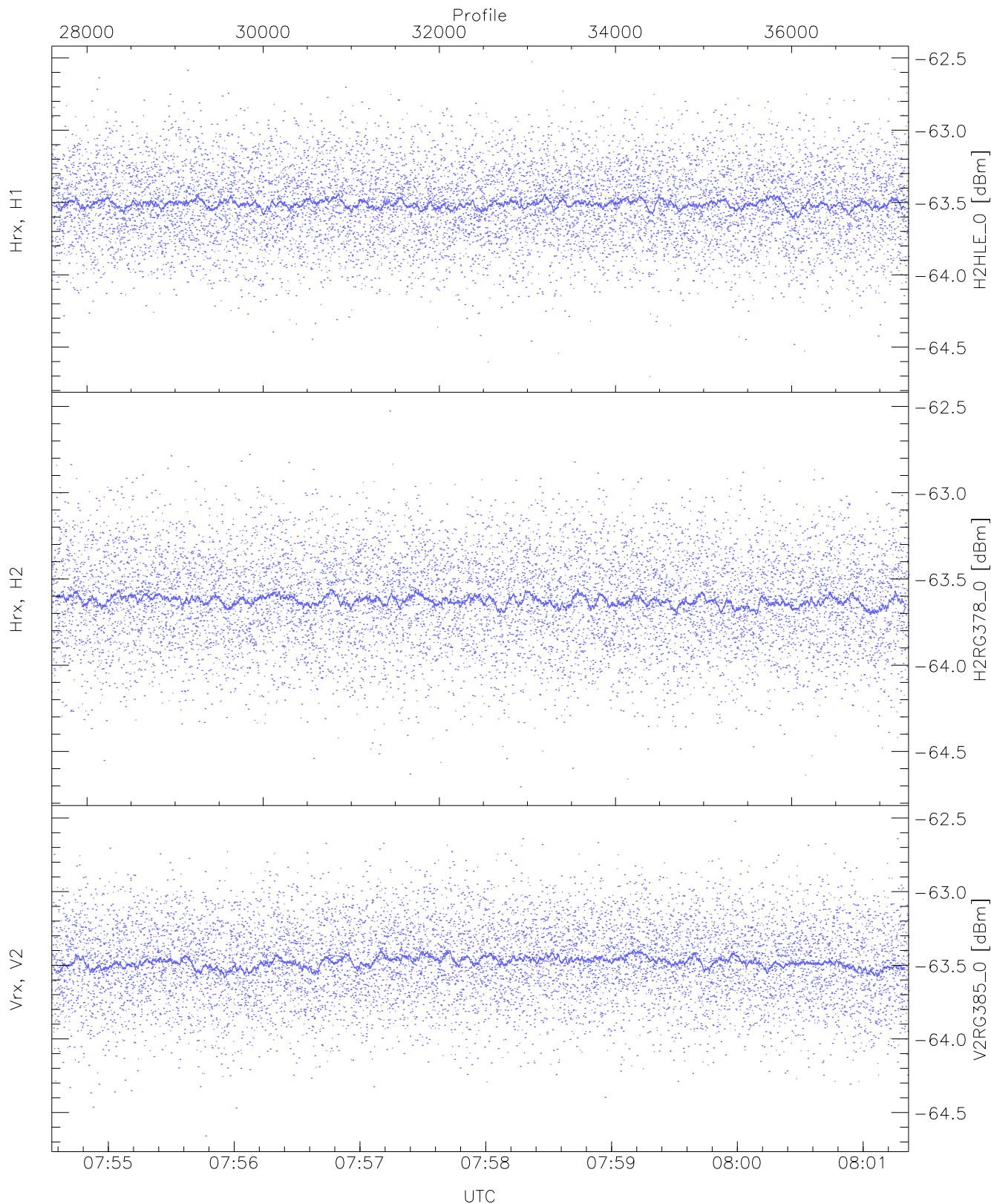
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.40	-62.36	-63.29	-63.29	-75.37
Hrx, H2 (HL [dBm])	-64.48	-62.31	-63.29	-63.29	-75.42
Vrx, V2 (HL [dBm])	-64.19	-62.11	-63.09	-63.10	-75.15



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

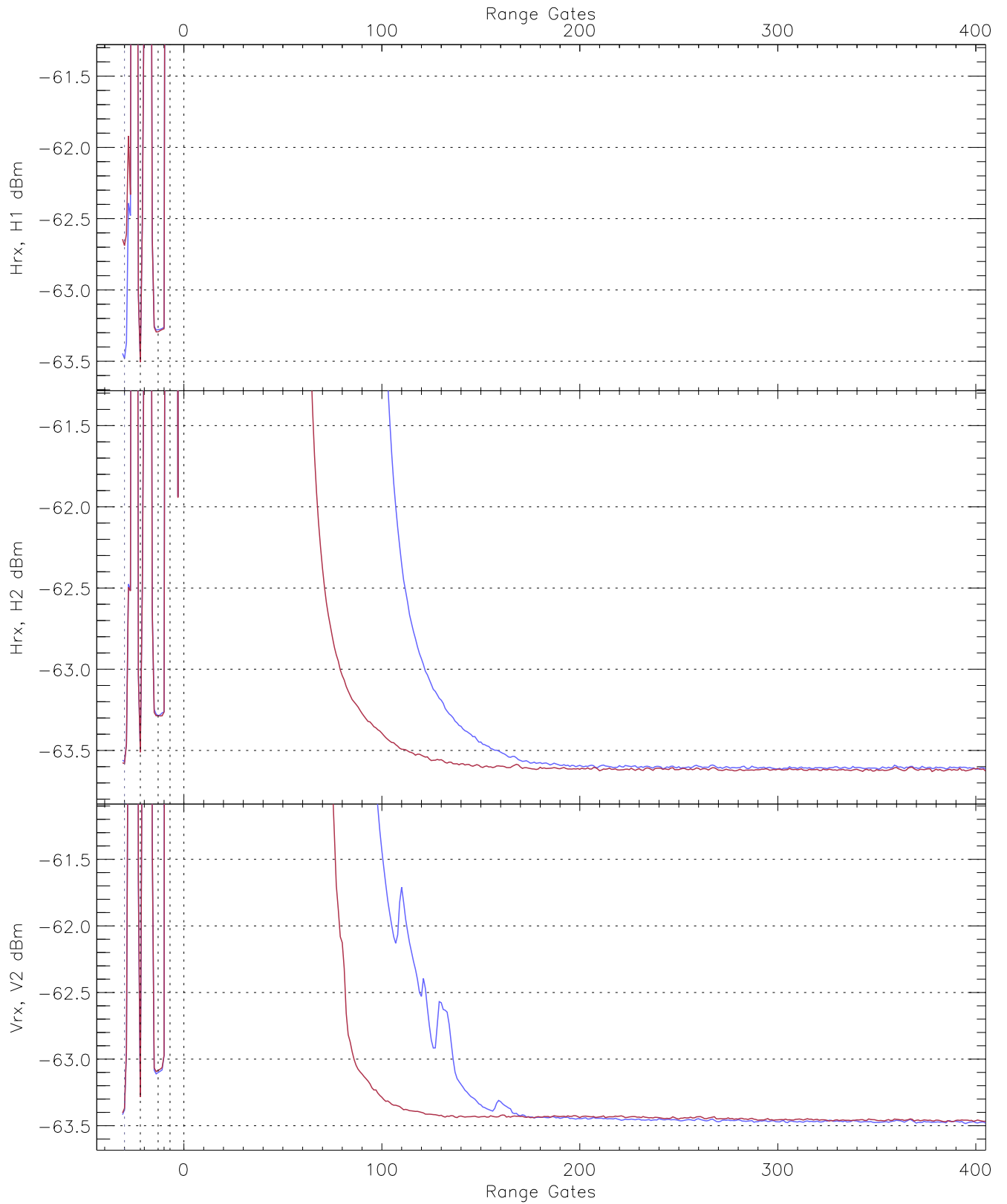
	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.80	-59.43	-63.07	-63.32	-69.96
Hrx, H2(RM [dBm])	-64.70	-62.60	-63.57	-63.58	-75.72
Vrx, V2(RM [dBm])	-64.52	-62.43	-63.38	-63.38	-75.44





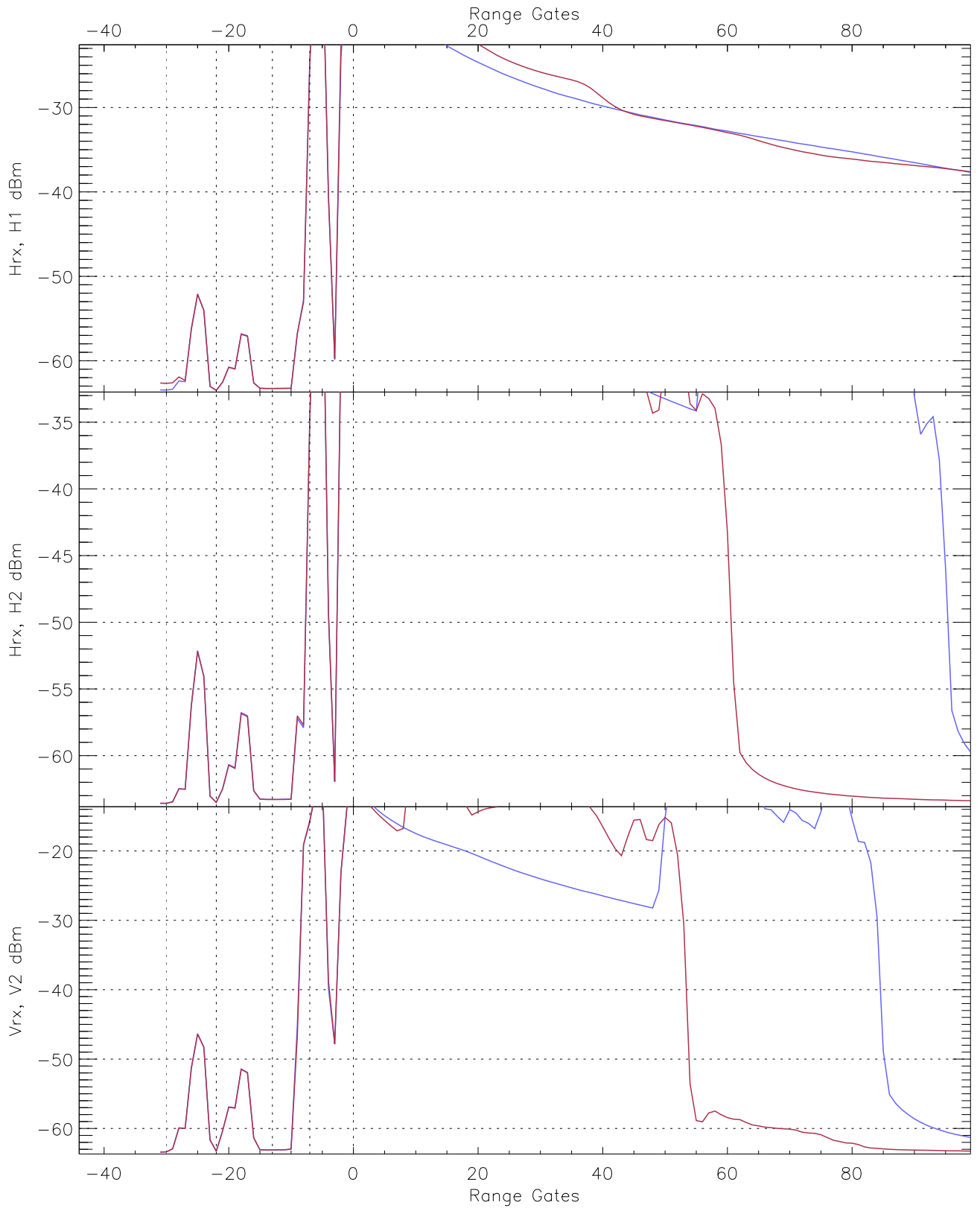
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H2HLE_0 [dBm]	-64.70	-62.53	-63.51	-63.51	-75.64
H2RG378_0 [dBm]	-64.70	-62.53	-63.62	-63.62	-75.75
V2RG385_0 [dBm]	-64.66	-62.52	-63.47	-63.48	-75.60

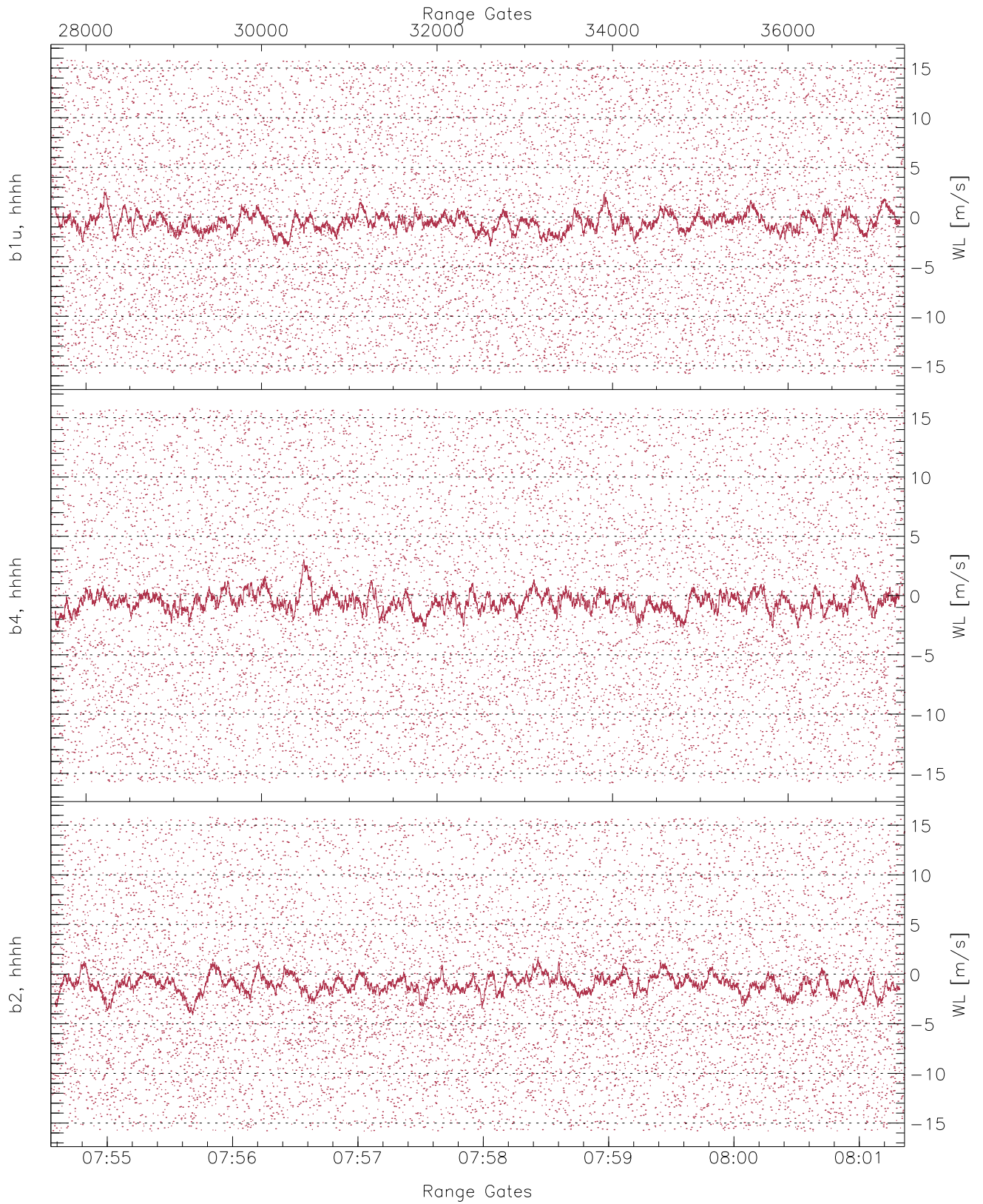


WCR2 CPP Averaged Received power for all recorded gates  
blue: 075433-075757, 4865 profiles averaged  
red: 075757-080122, 4864 profiles averaged

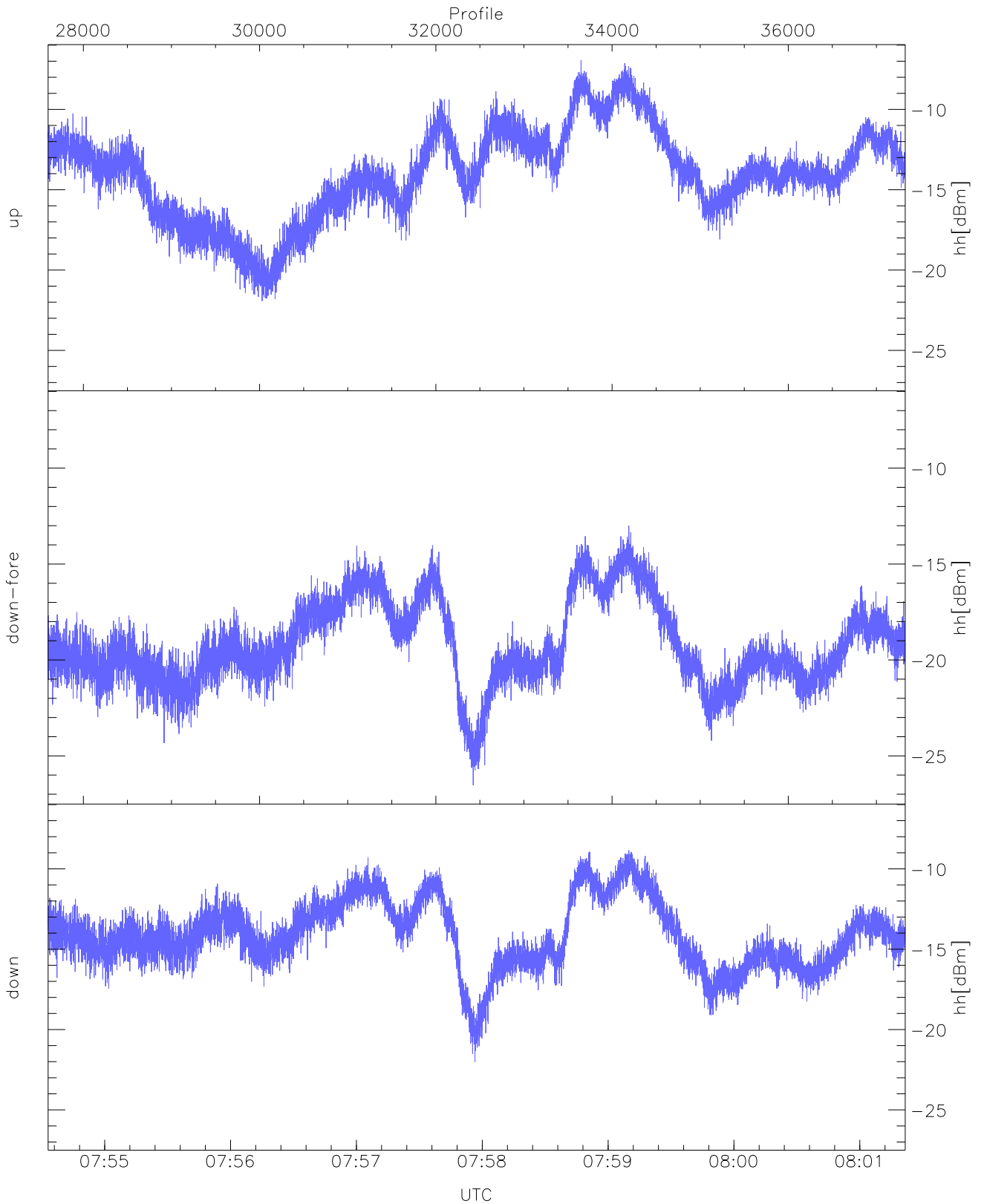




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 075433-075757, 4865 profiles averaged  
red: 075757-080122, 4864 profiles averaged

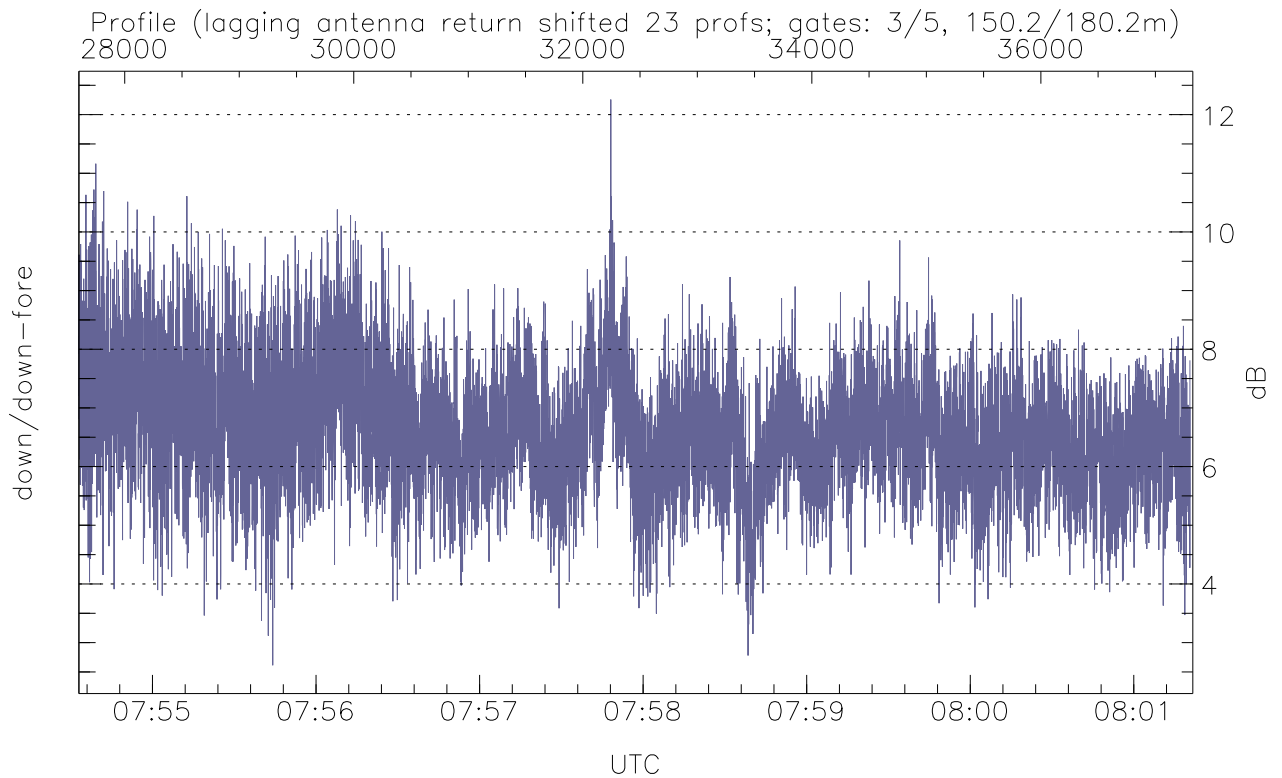
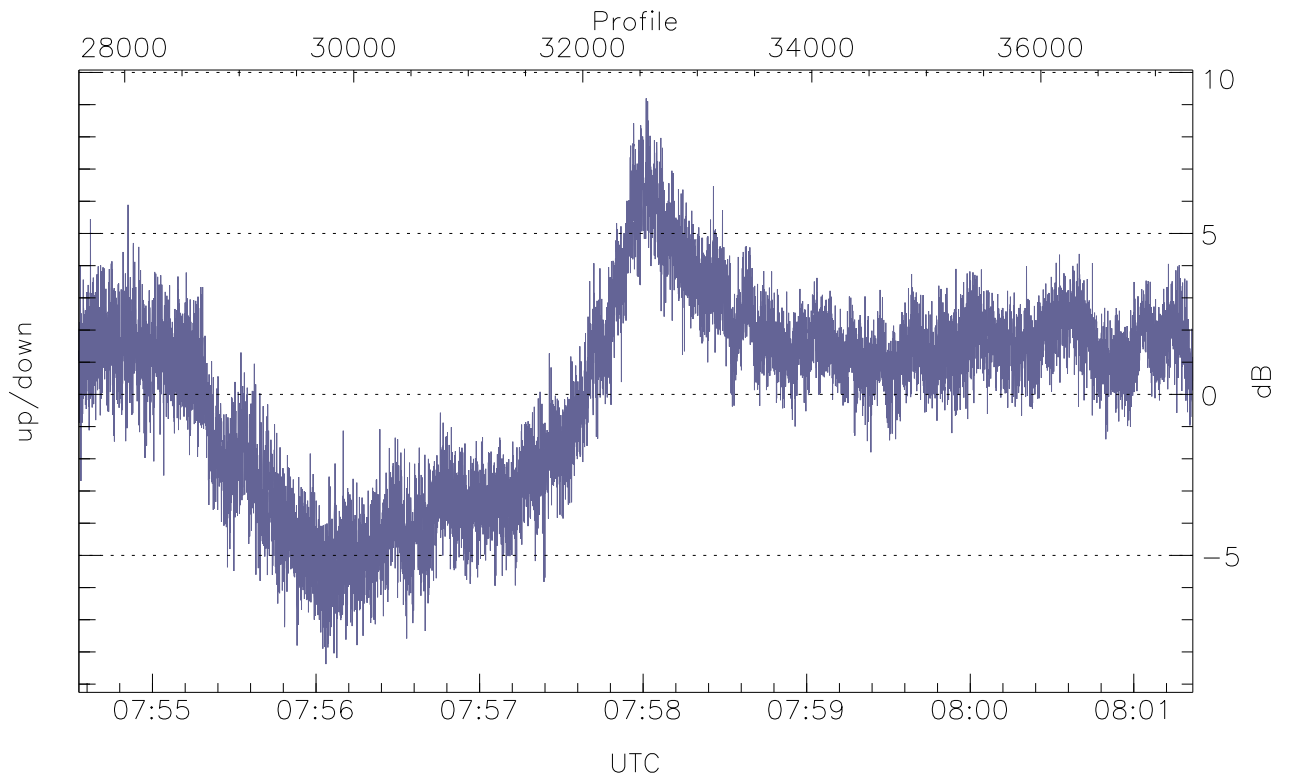


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



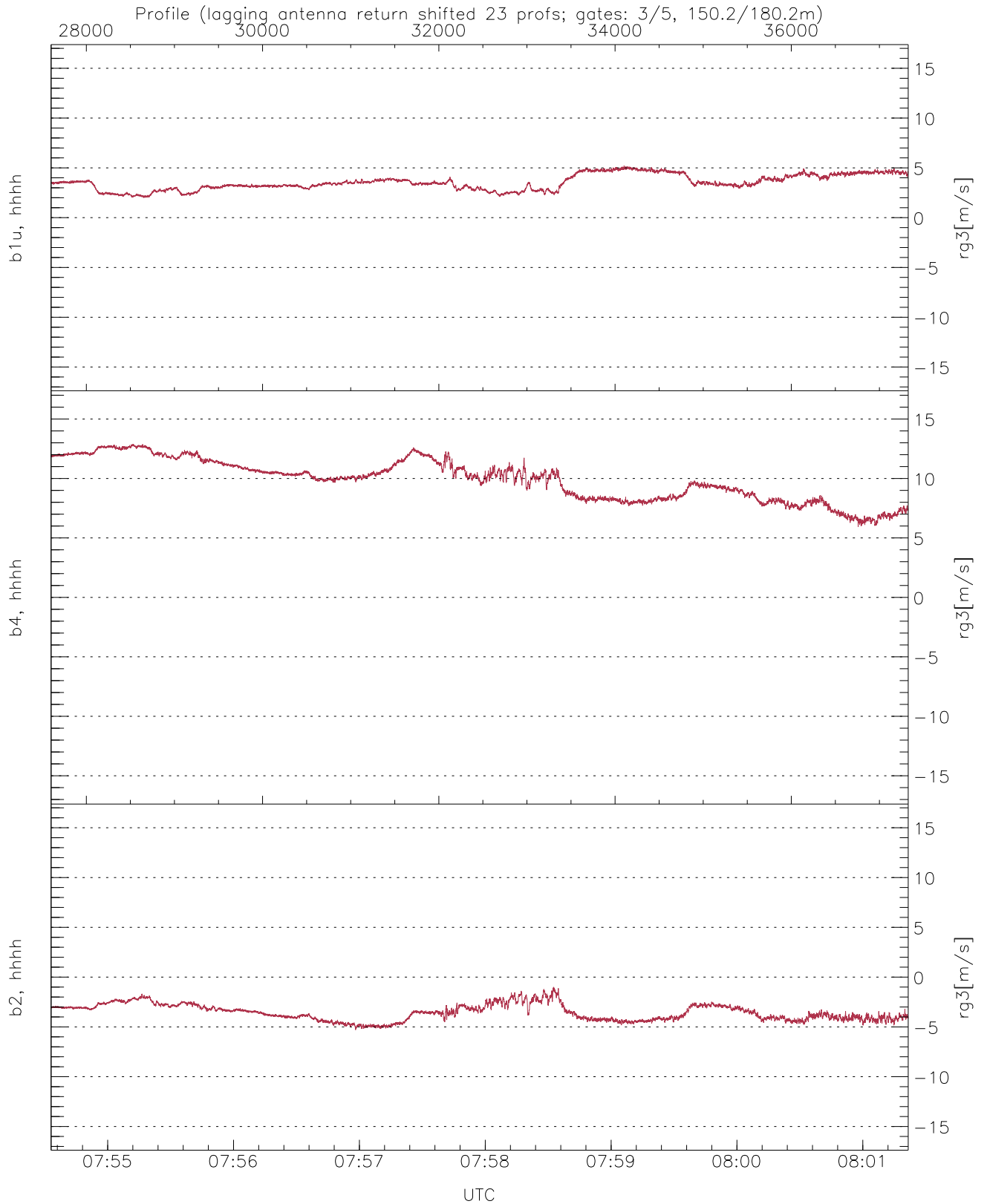
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-21.93	-6.94	-13.16
down-fore(hh[dBm])	-26.53	-13.00	-18.62
down(hh[dBm])	-22.03	-8.85	-13.61



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-8.38	9.20	0.12
down/down-fore (dB)	2.61	12.26	6.64



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	2.00	5.22	3.54	0.76
b4, hhhh(rg3[m/s])	5.93	12.89	9.88	1.74
b2, hhhh(rg3[m/s])	-5.30	-1.00	-3.55	0.81