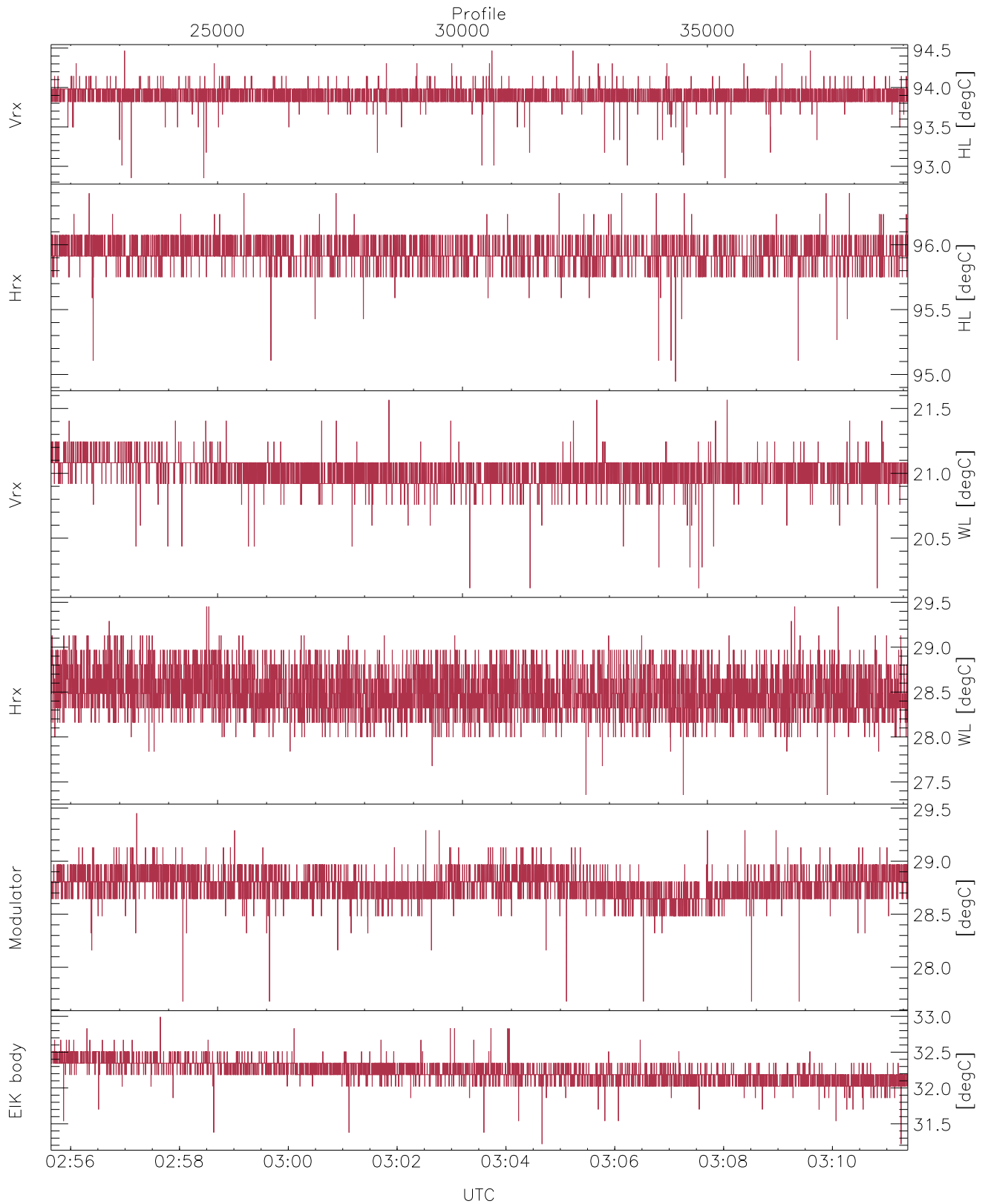


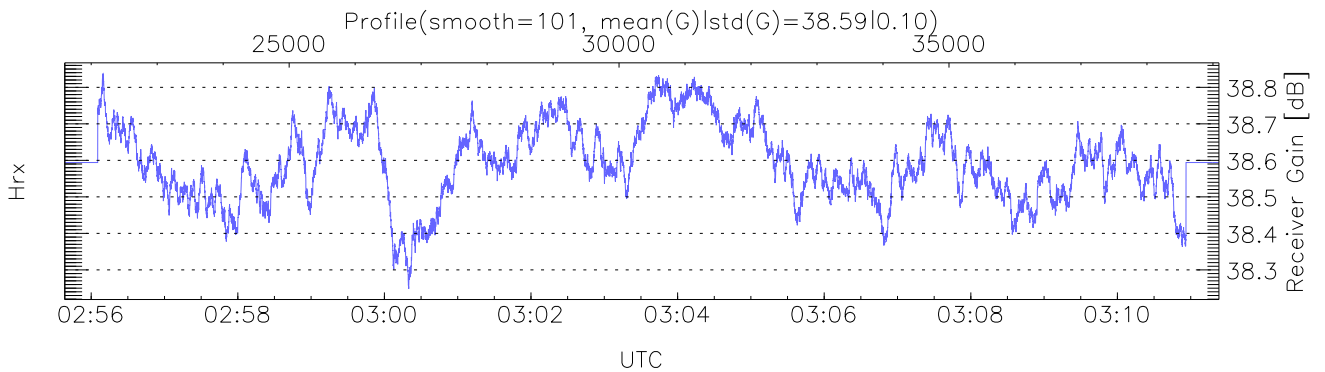
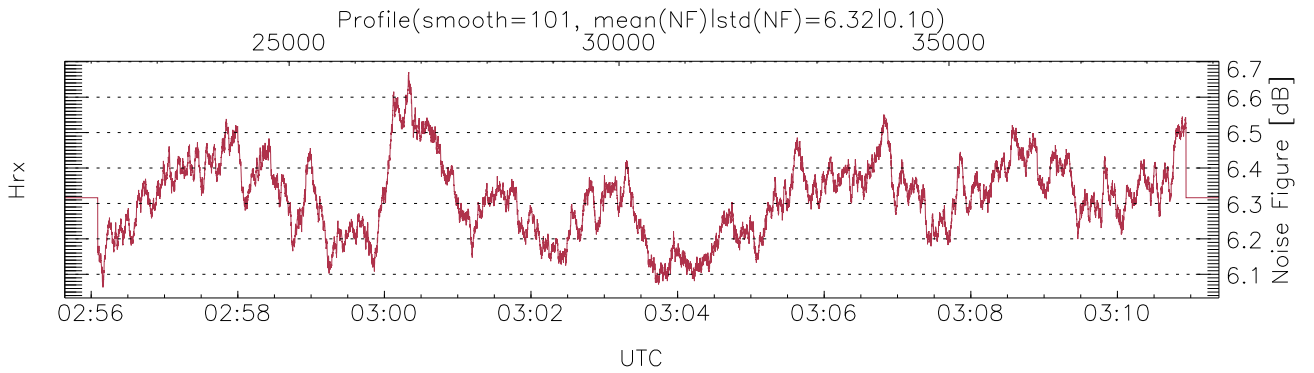
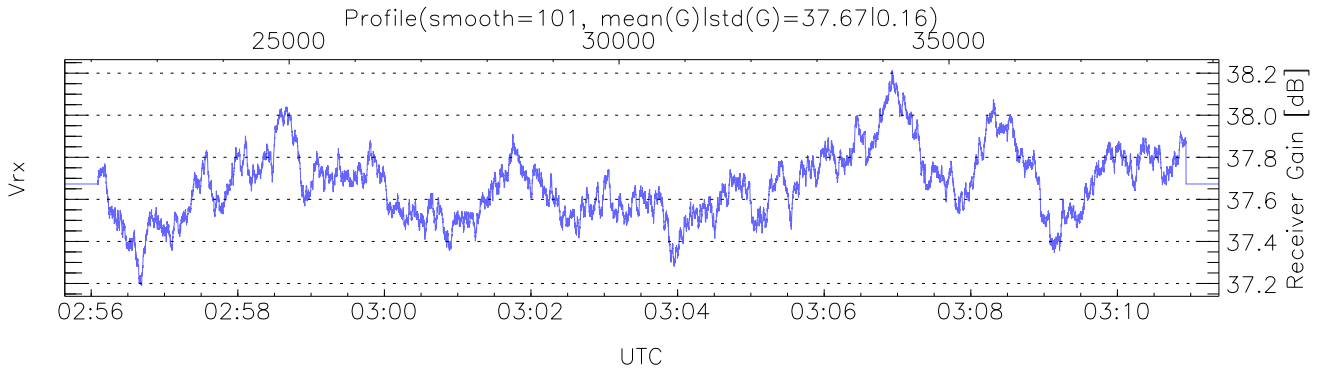
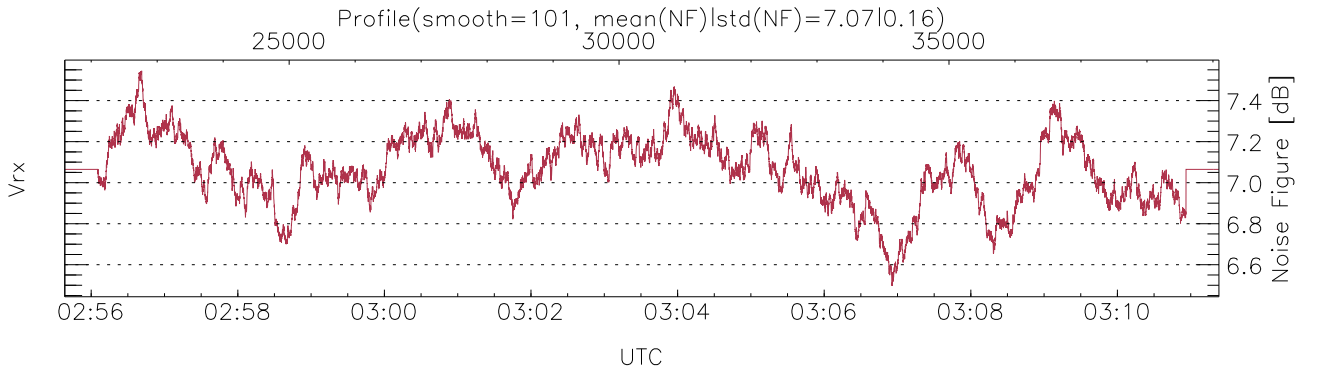
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:36:12-03:11:23, Dur: 2111.44s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 17492/39092, 21600-39091/02:55:38-03:11:23  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 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,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



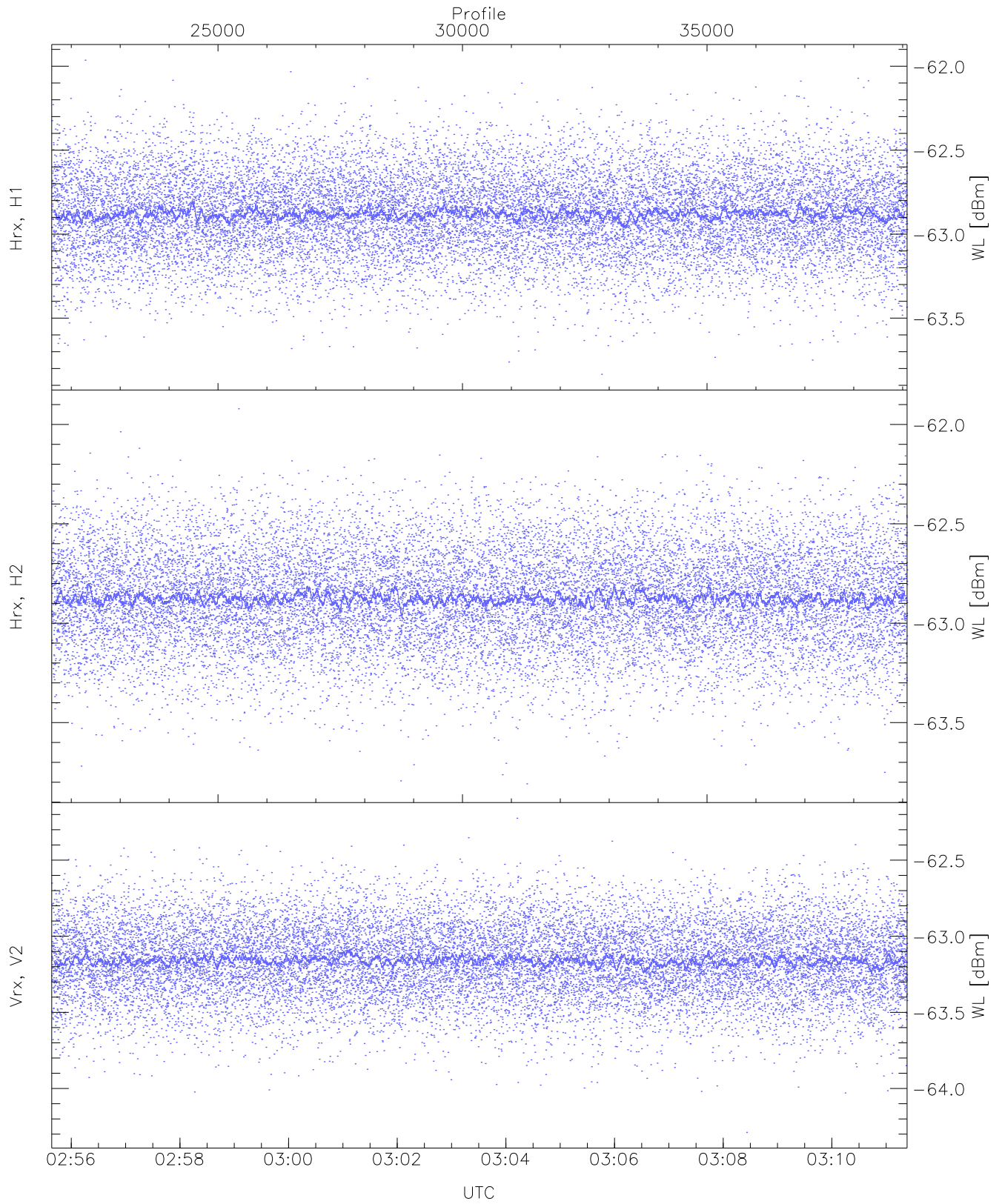
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,27,27,31  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,29,32  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
BodyCurr,DeckF,OverDuty,HVPS (4,4,4,29)



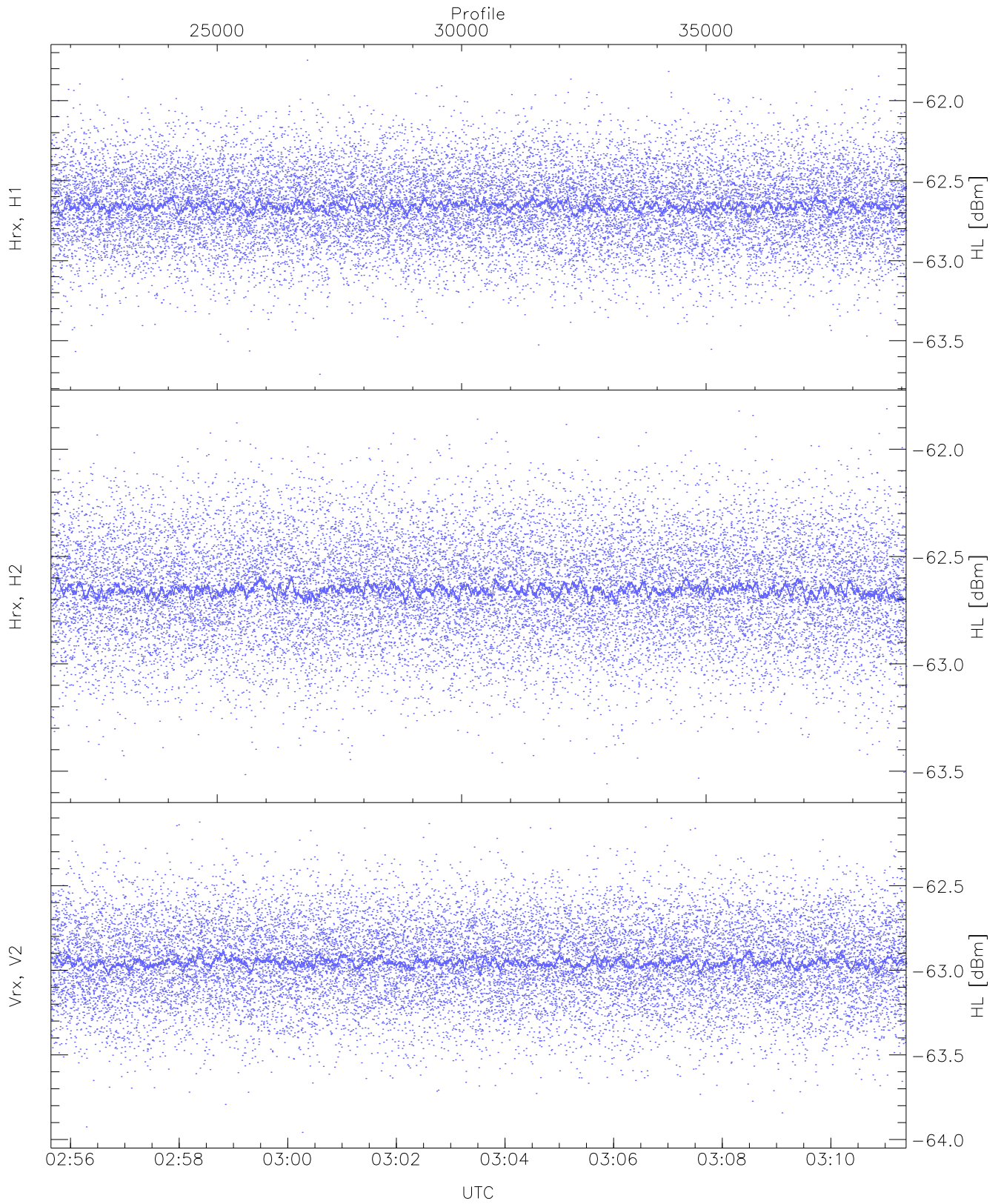
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 738 pixs, 35 gates, 736 profs, 1 prods



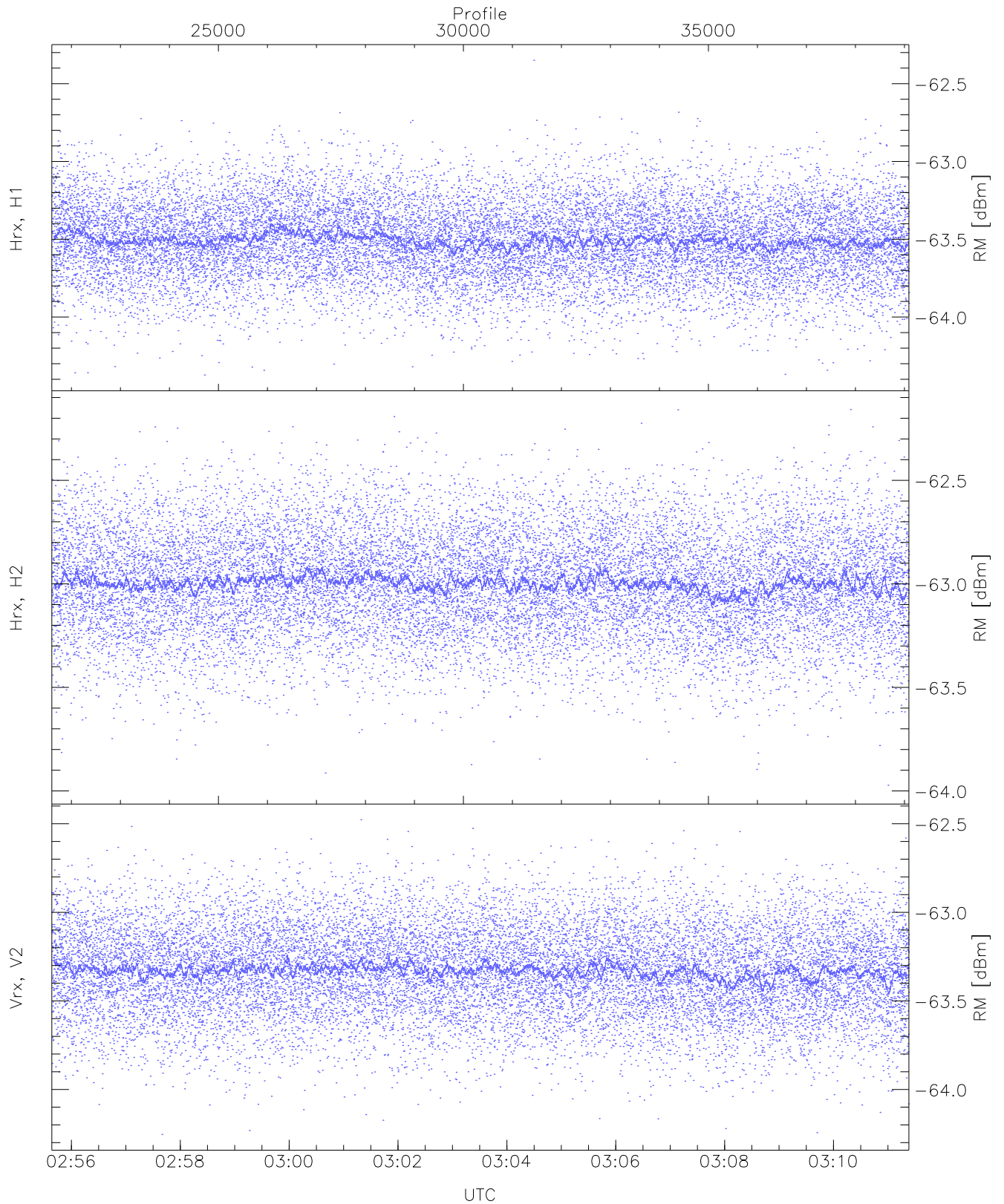
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.83	-61.96	-62.88	-62.88	-75.58
Hrx, H2 (WL [dBm])	-63.81	-61.92	-62.87	-62.88	-75.59
Vrx, V2 (WL [dBm])	-64.29	-62.22	-63.16	-63.16	-75.84



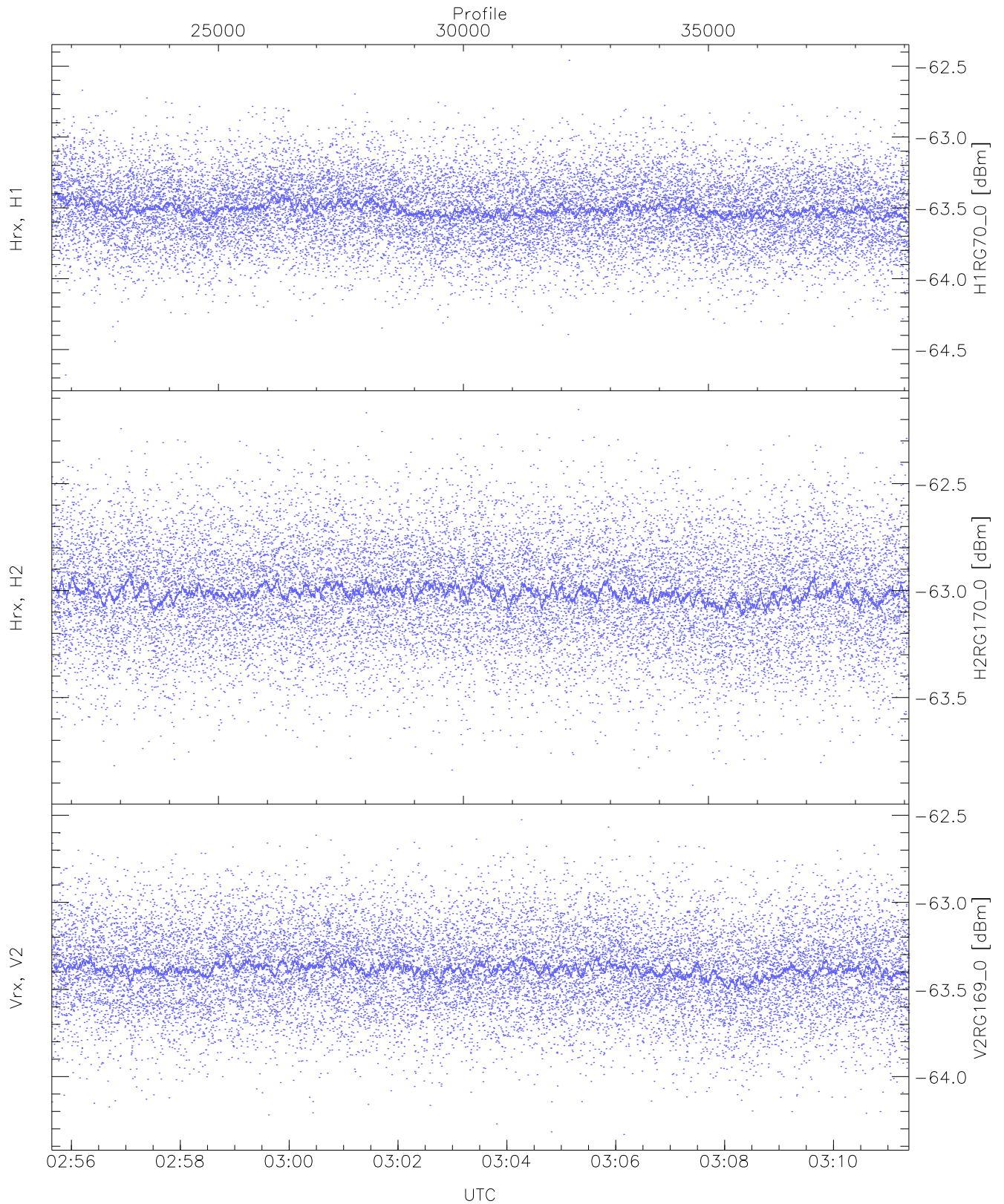
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.71	-61.75	-62.65	-62.66	-75.35
Hrx, H2 (HL [dBm])	-63.56	-61.81	-62.65	-62.66	-75.36
Vrx, V2 (HL [dBm])	-63.96	-62.10	-62.95	-62.95	-75.63



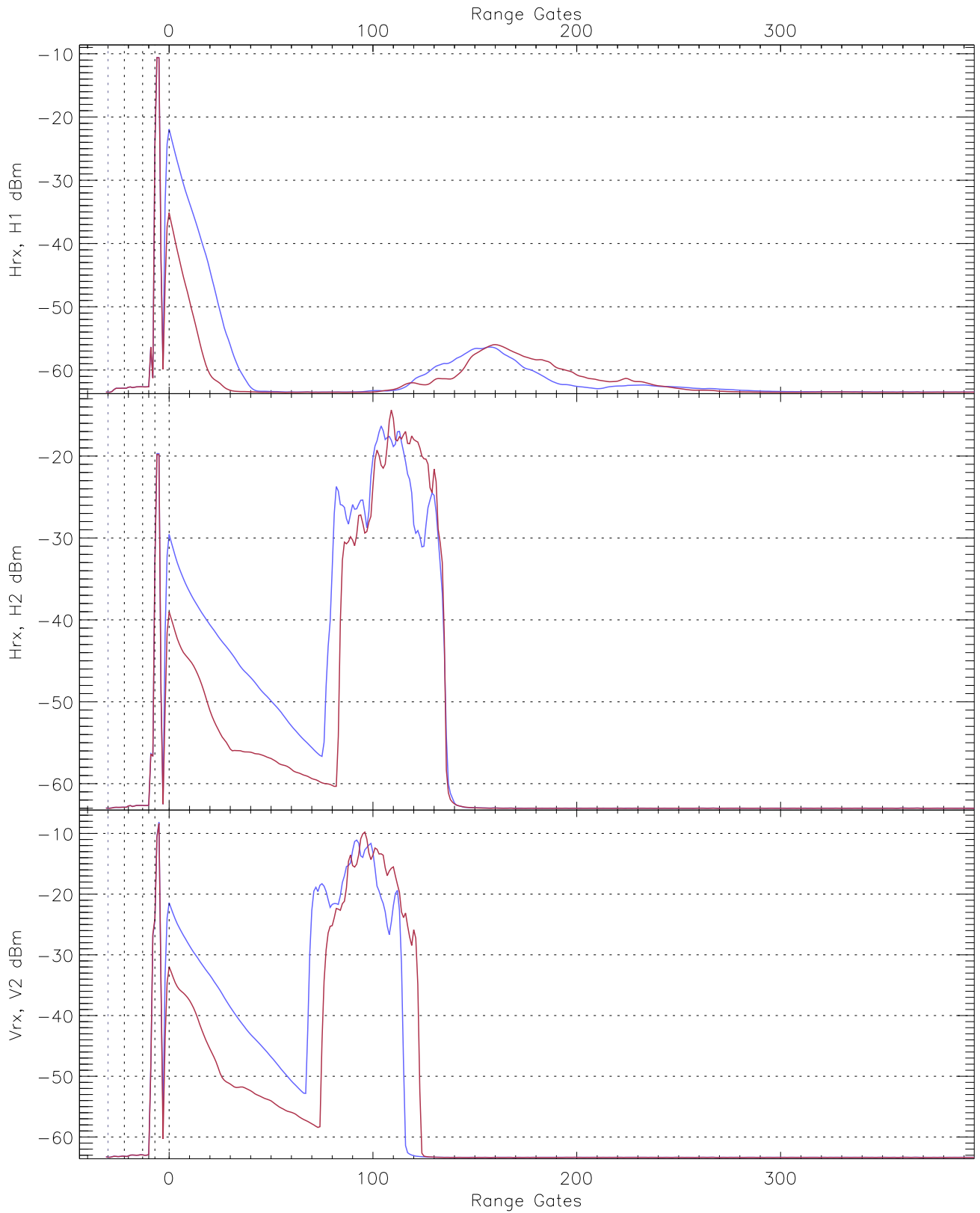
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.37	-62.35	-63.51	-63.51	-76.19
Hrx, H2 (RM [dBm])	-63.97	-62.16	-62.99	-63.00	-75.69
Vrx, V2 (RM [dBm])	-64.25	-62.48	-63.33	-63.33	-75.98



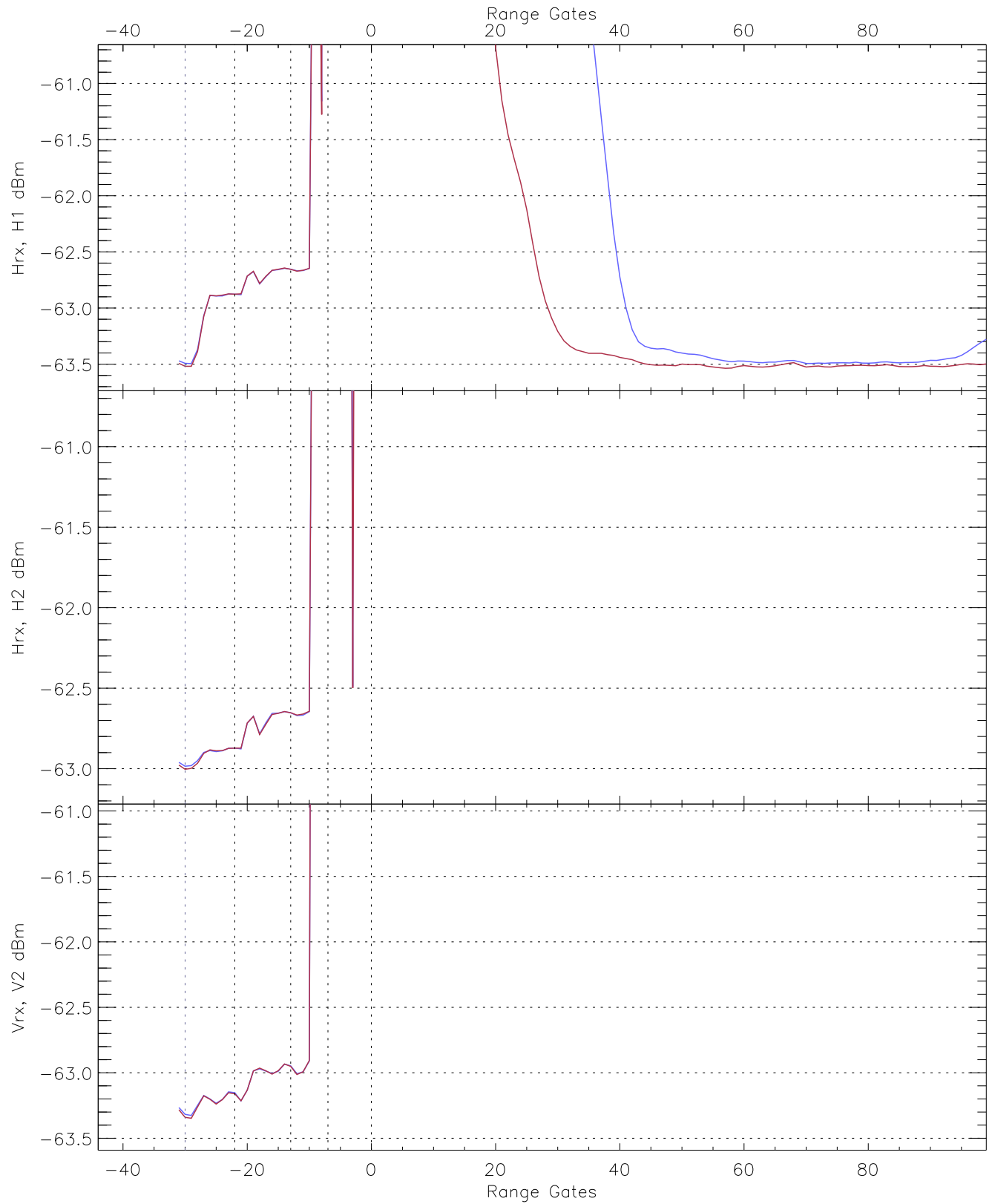
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG70_0 [dBm]	-64.68	-62.46	-63.51	-63.51	-76.14
H2RG170_0 [dBm]	-63.91	-62.15	-63.01	-63.01	-75.70
V2RG169_0 [dBm]	-64.33	-62.53	-63.38	-63.39	-76.07

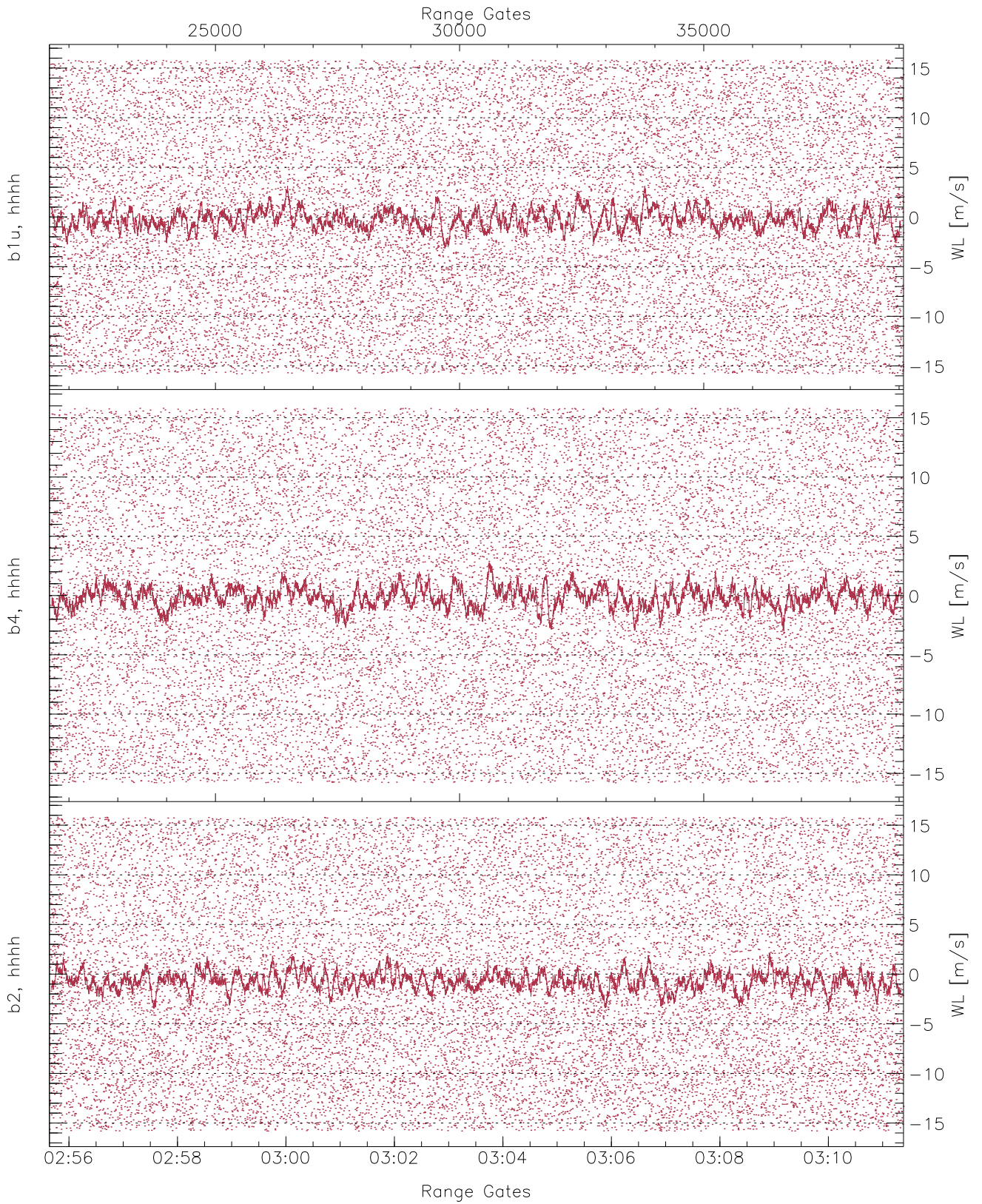


WCR2 CPP Averaged Received power for all recorded gates  
blue: 025538-030331, 8747 profiles averaged  
red: 030331-031123, 8746 profiles averaged

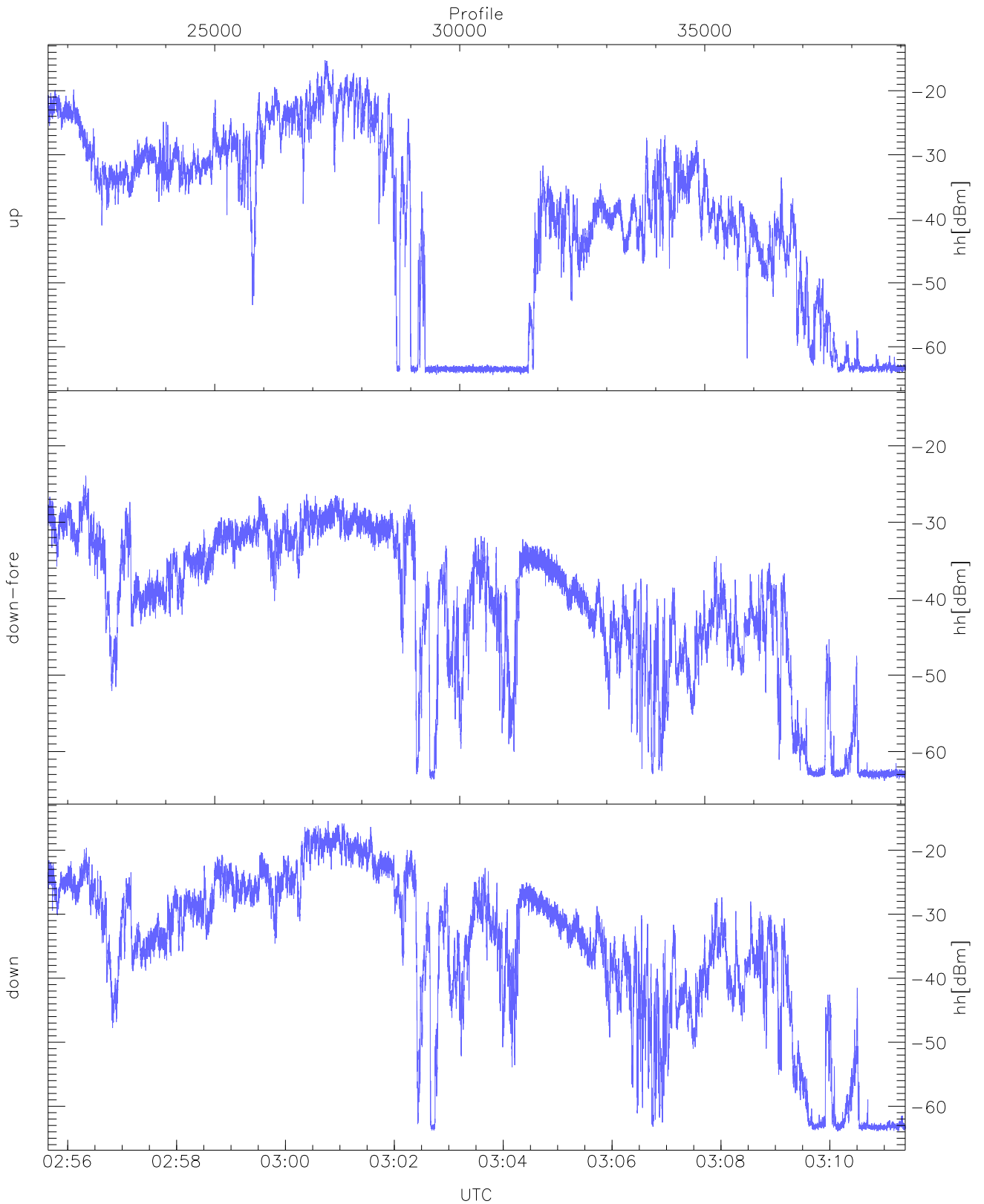




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 025538-030331, 8747 profiles averaged  
red: 030331-031123, 8746 profiles averaged

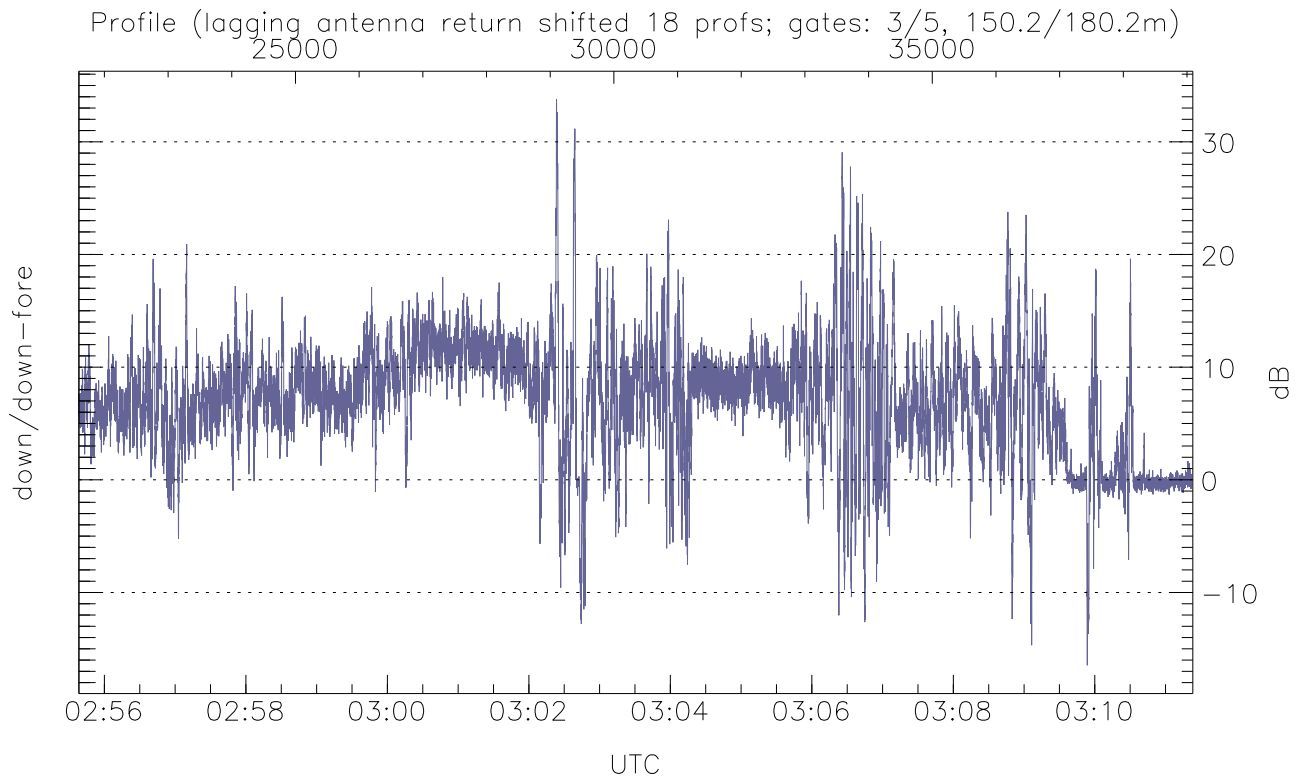
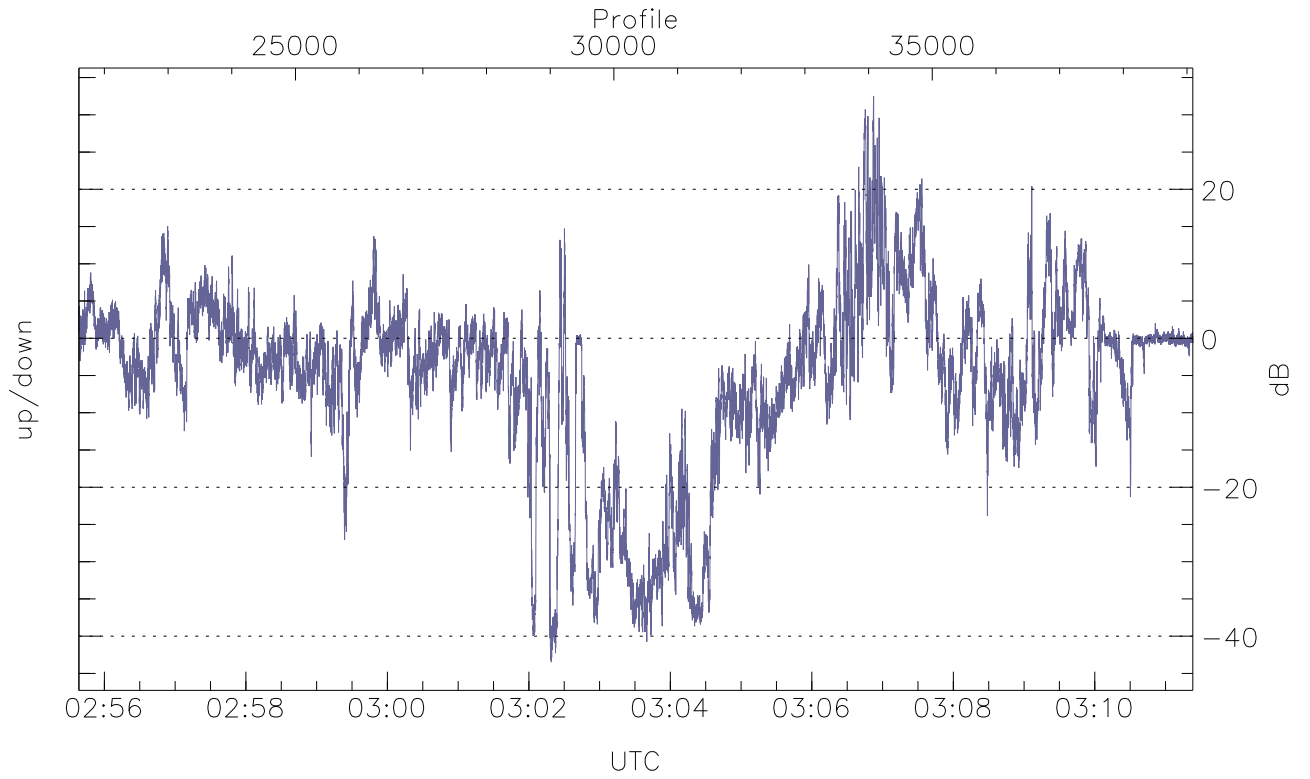


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



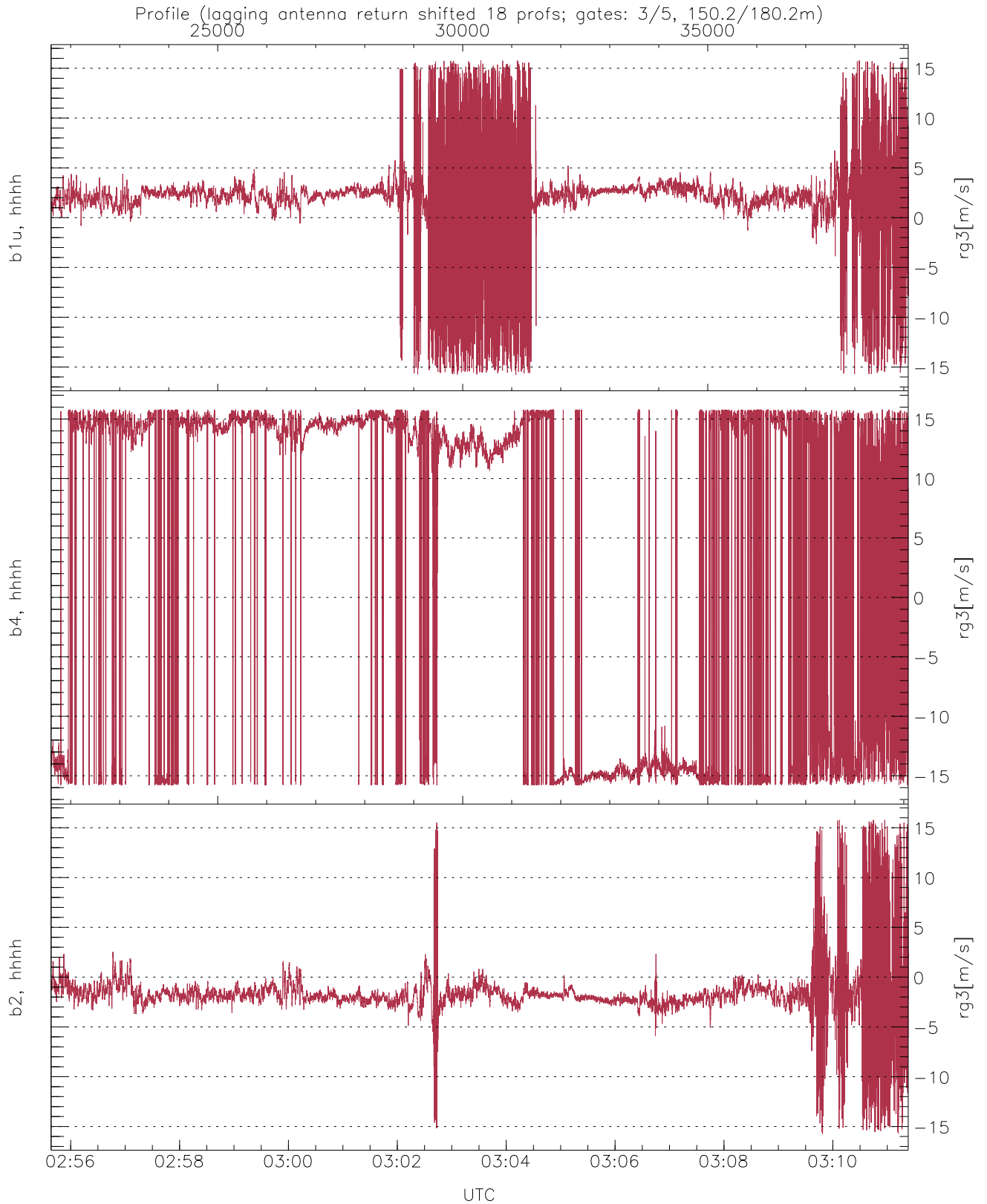
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.41	-15.25	-28.63
down-fore(hh[dBm])	-63.84	-23.90	-34.74
down(hh[dBm])	-63.93	-15.45	-26.75



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-43.48	32.49	-5.08
down/down-fore (dB)	-16.46	33.75	7.09



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	1.83	3.99
b4, hhhh(rg3[m/s])	-15.80	15.80	3.96	13.72
b2, hhhh(rg3[m/s])	-15.75	15.78	-1.70	2.32