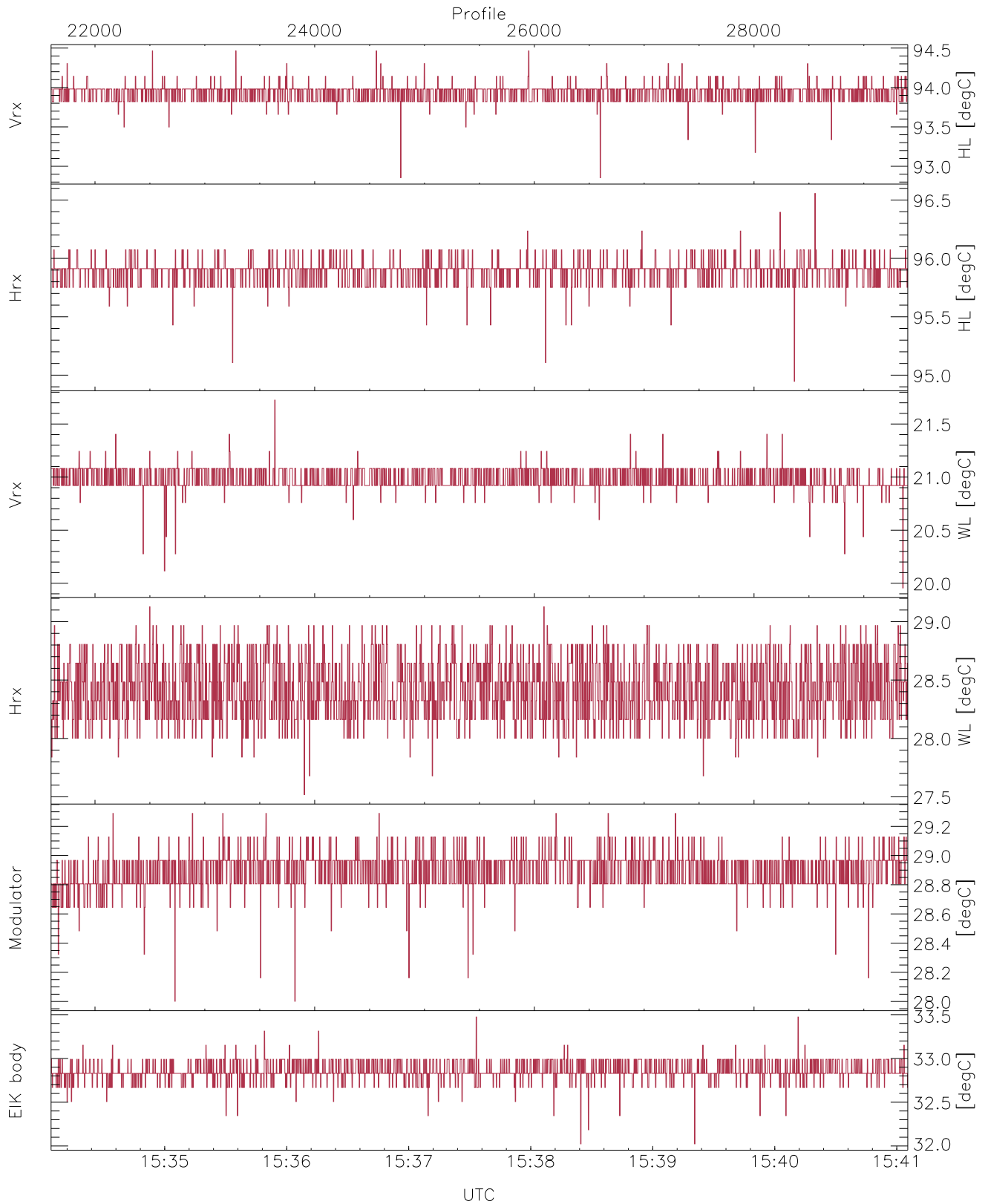


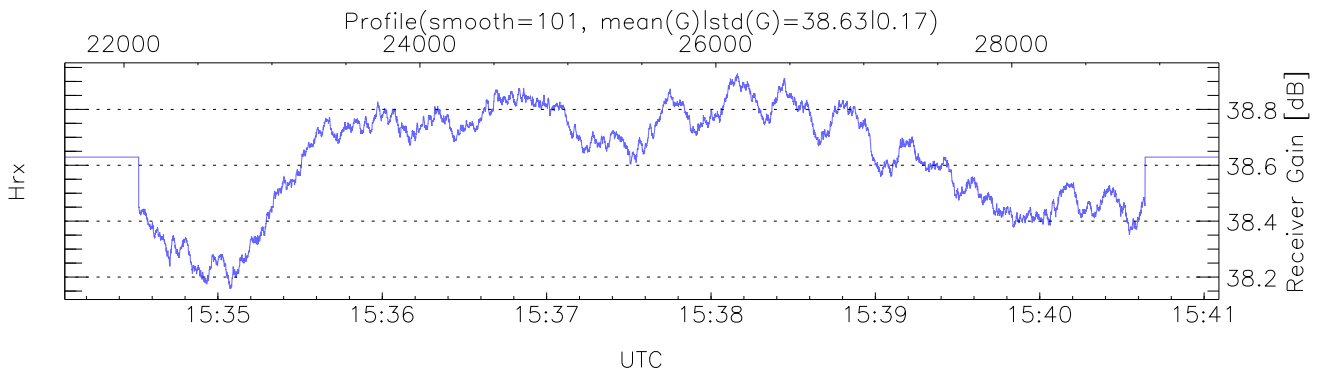
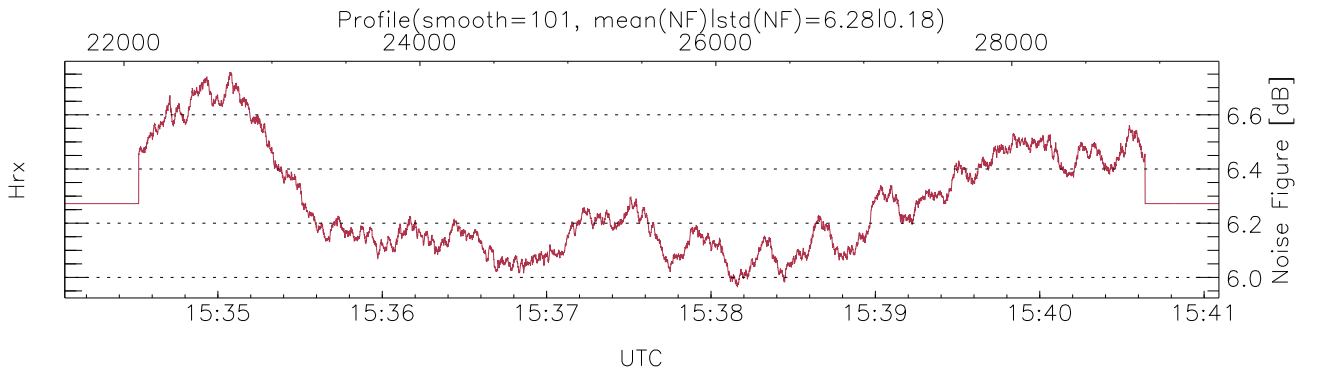
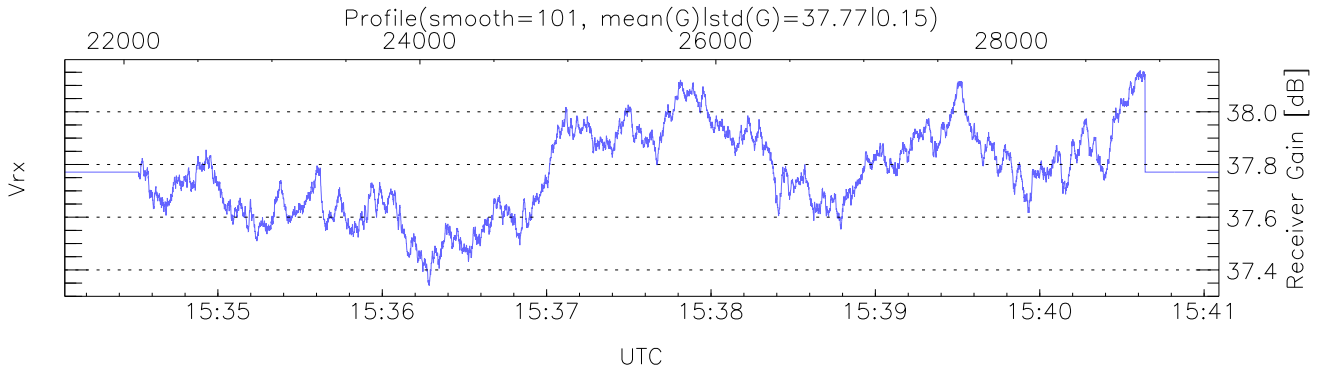
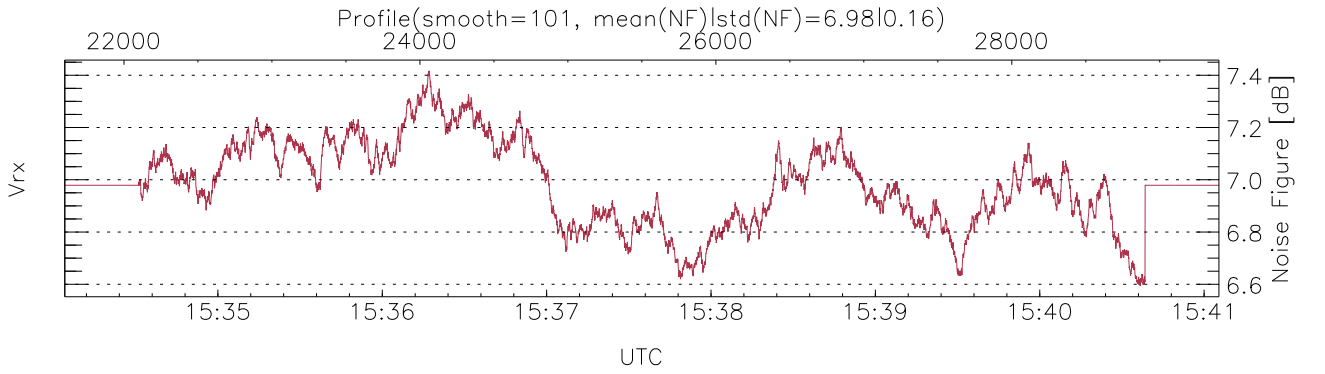
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:14:37-15:41:05, Dur: 1588.00s  
 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): 7801/29401, 21600-29400/15:34:04-15:41:05  
 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



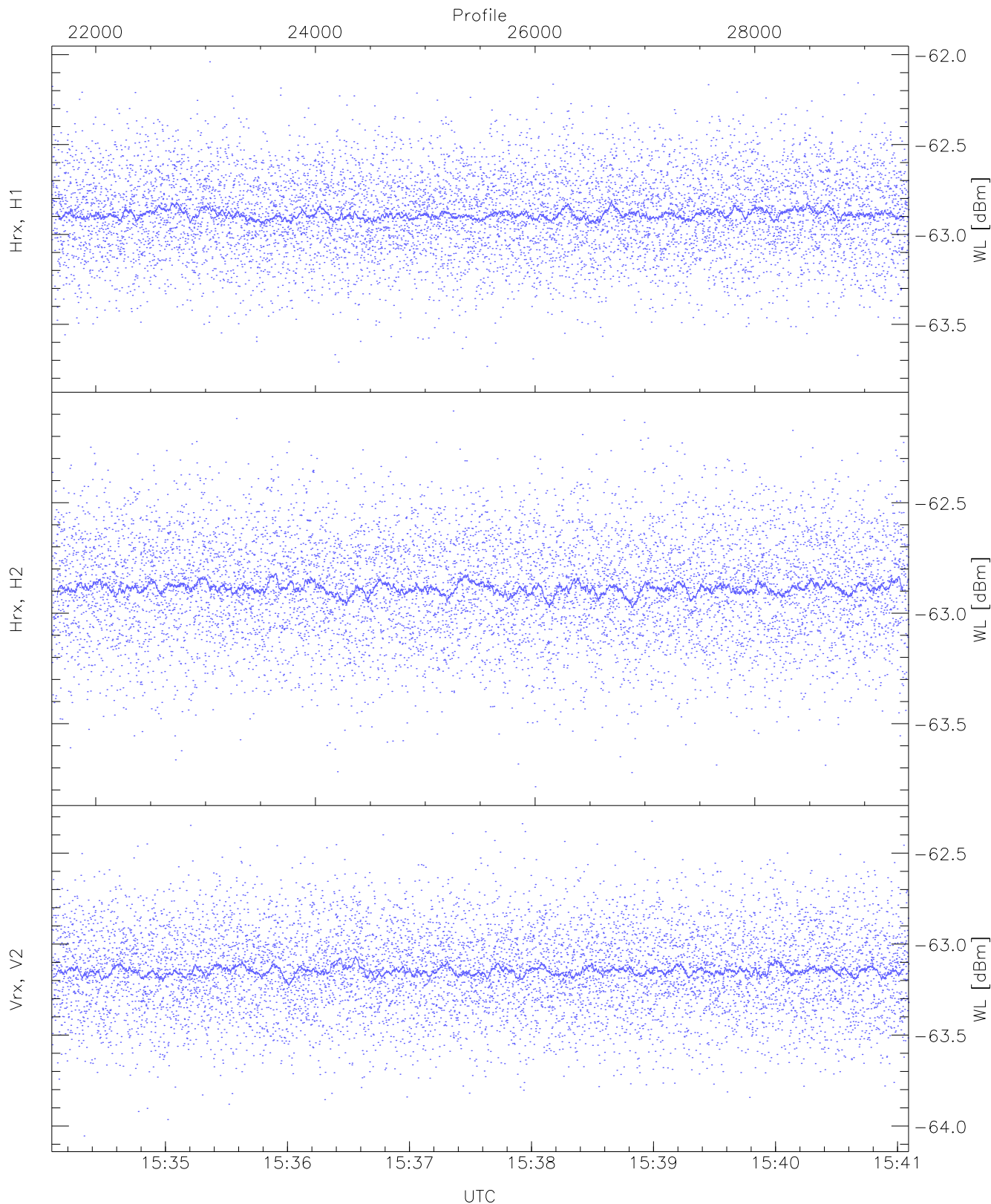
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,27,28,32  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,29,33  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,5,5)



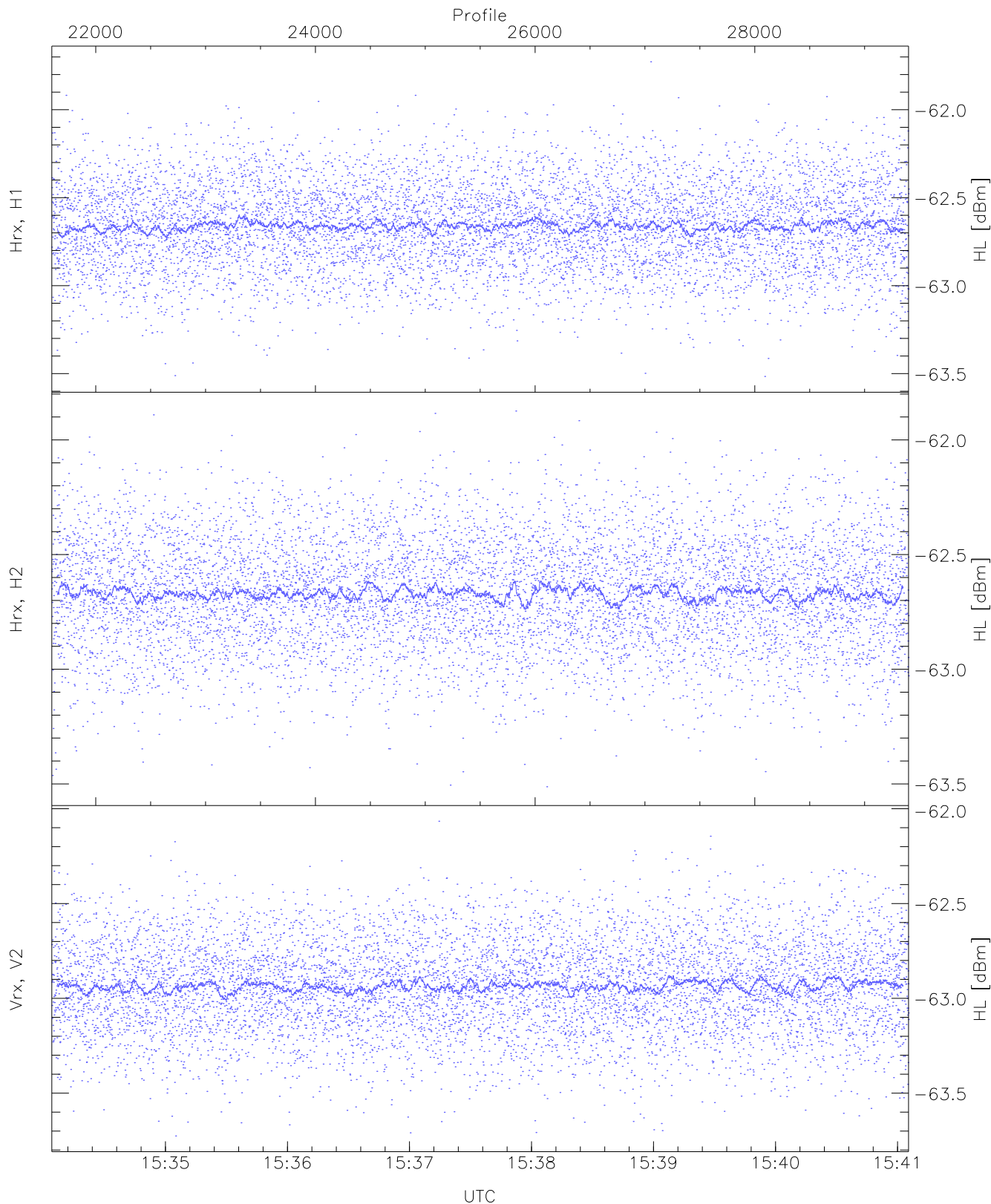
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 103 pixs, 12 gates, 103 profs, 1 prods



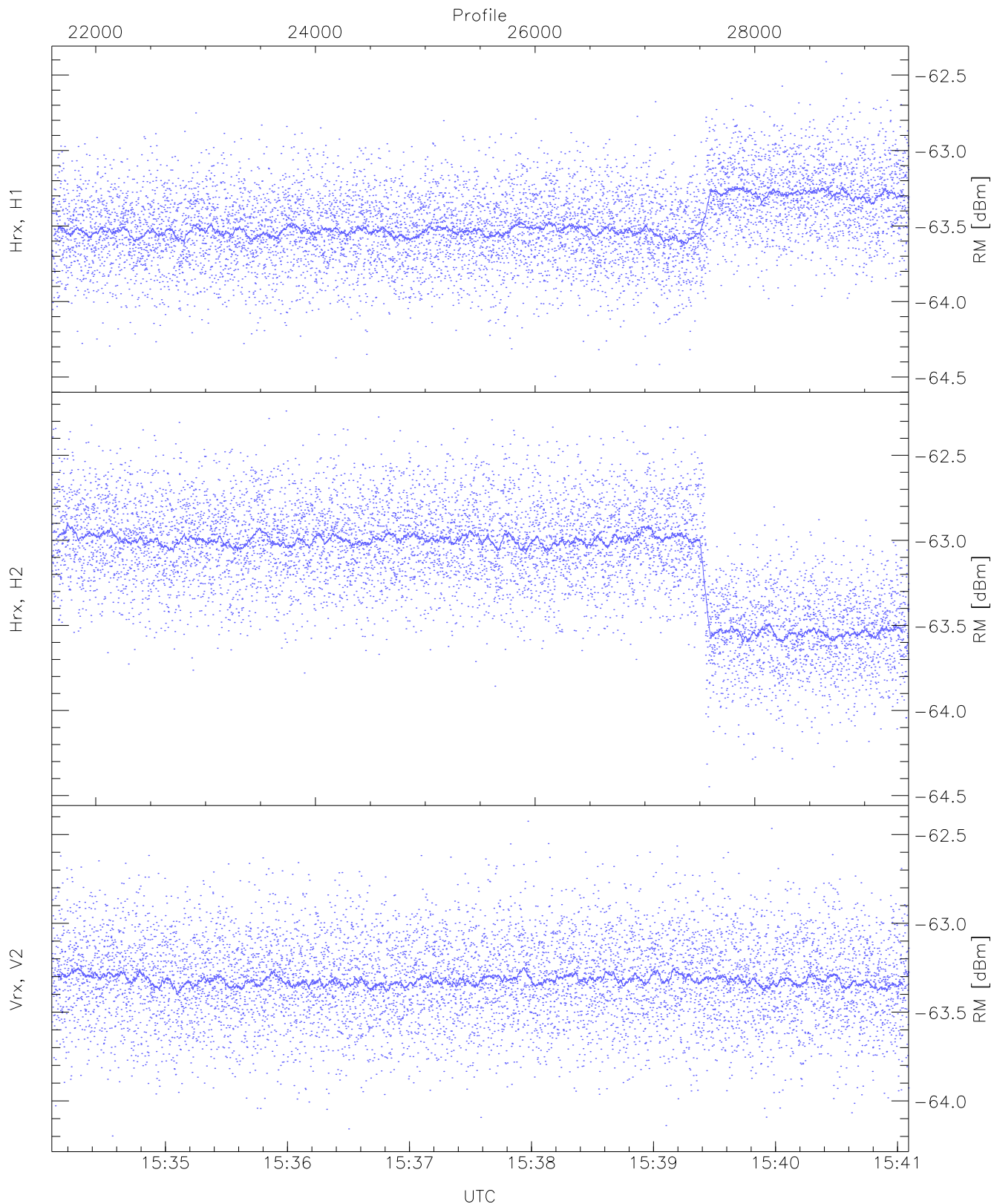
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.79	-62.04	-62.88	-62.89	-75.65
Hrx, H2(WL [dBm])	-63.79	-62.09	-62.88	-62.89	-75.63
Vrx, V2(WL [dBm])	-64.05	-62.32	-63.14	-63.15	-75.86



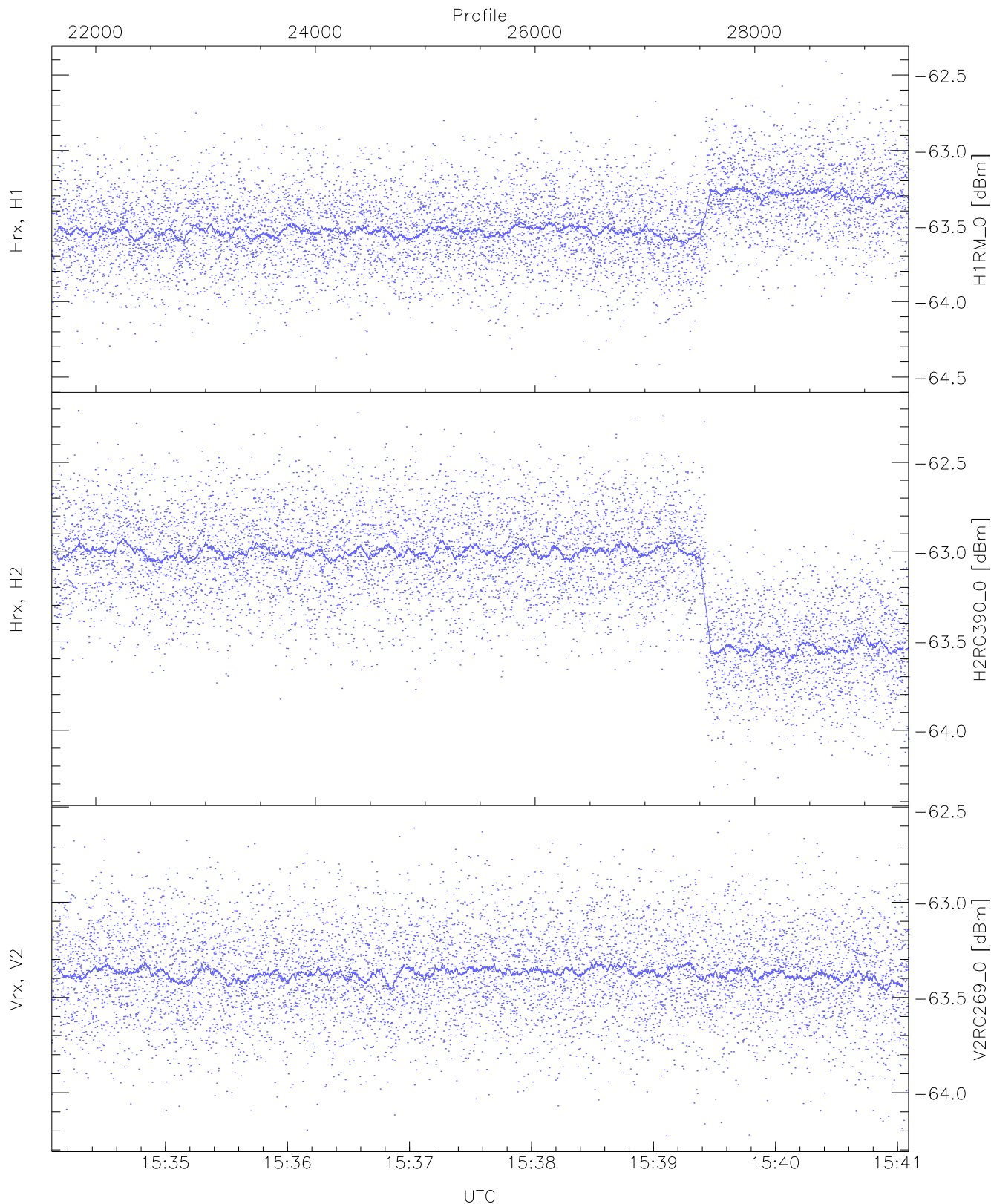
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.52	-61.73	-62.66	-62.66	-75.35
Hrx, H2 (HL [dBm])	-63.51	-61.87	-62.67	-62.67	-75.47
Vrx, V2 (HL [dBm])	-63.73	-62.07	-62.93	-62.94	-75.67



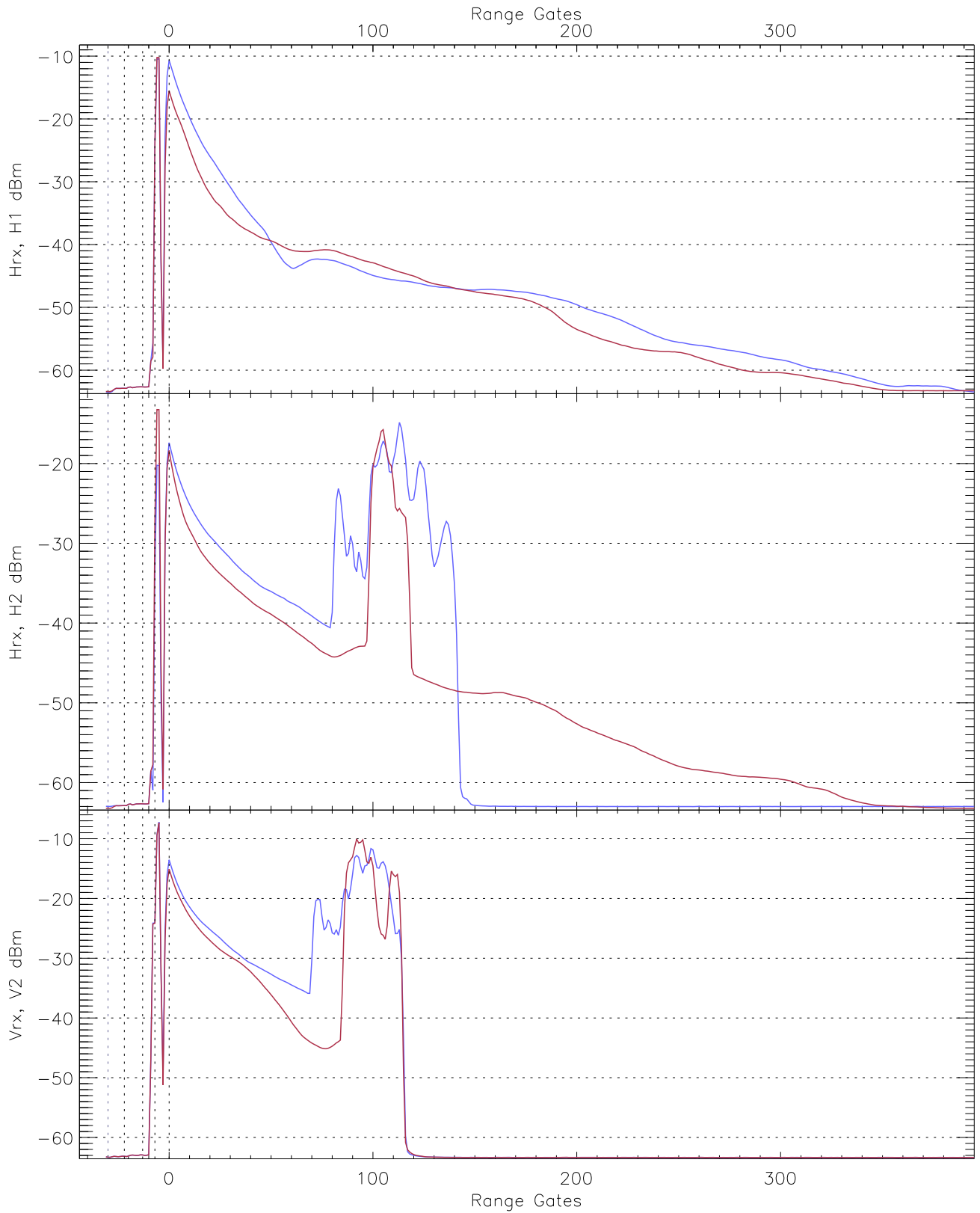
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.50	-62.41	-63.47	-63.48	-75.69
Hrx, H2(RM [dBm])	-64.45	-62.24	-63.11	-63.09	-74.37
Vrx, V2(RM [dBm])	-64.20	-62.43	-63.32	-63.32	-75.93



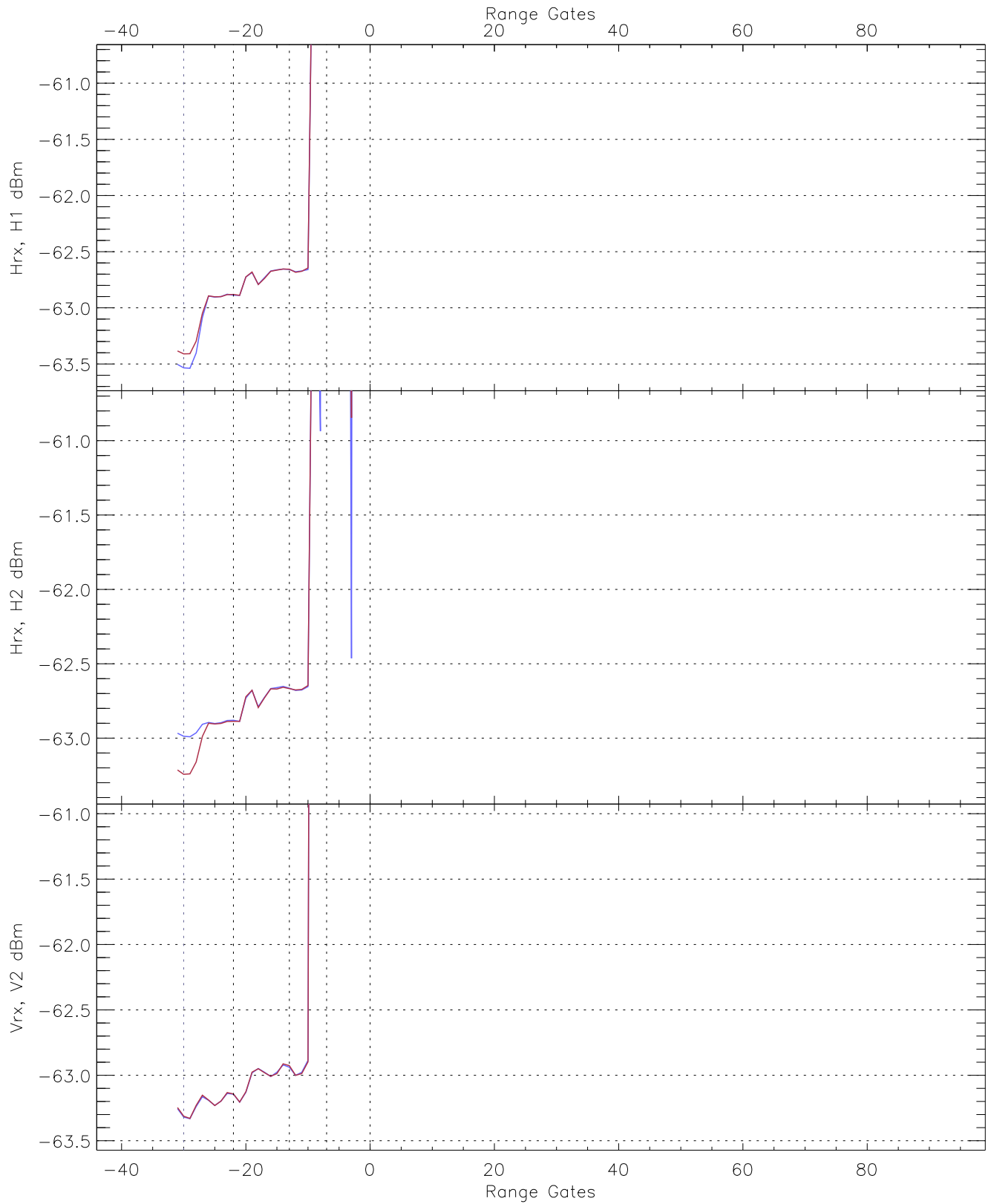
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.50	-62.41	-63.47	-63.48	-75.69
H2RG390_0 [dBm]	-64.32	-62.21	-63.12	-63.09	-74.38
V2RG269_0 [dBm]	-64.23	-62.57	-63.37	-63.38	-76.09

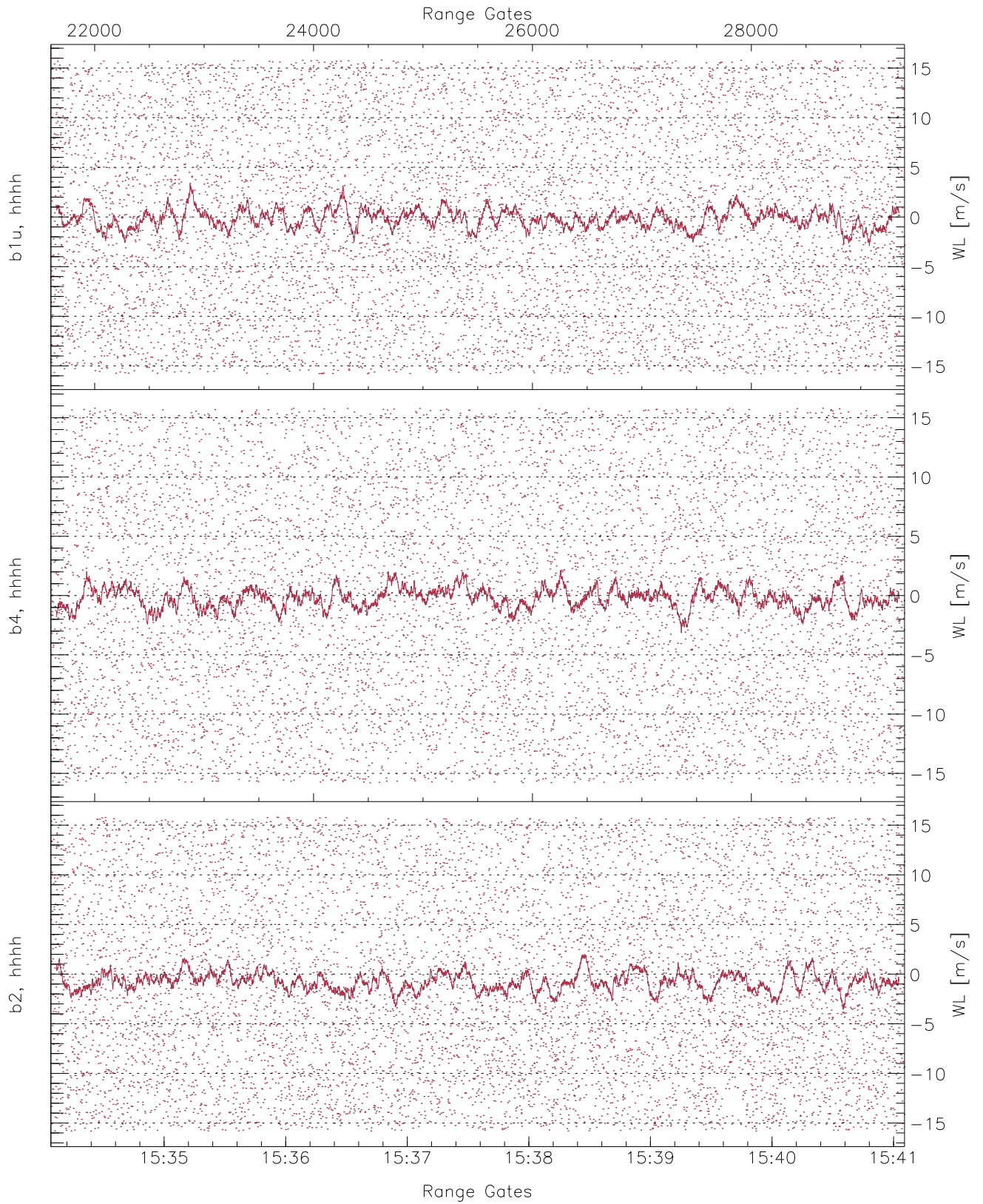


WCR2 CPP Averaged Received power for all recorded gates  
blue: 153404-153735, 3901 profiles averaged  
red: 153735-154105, 3901 profiles averaged

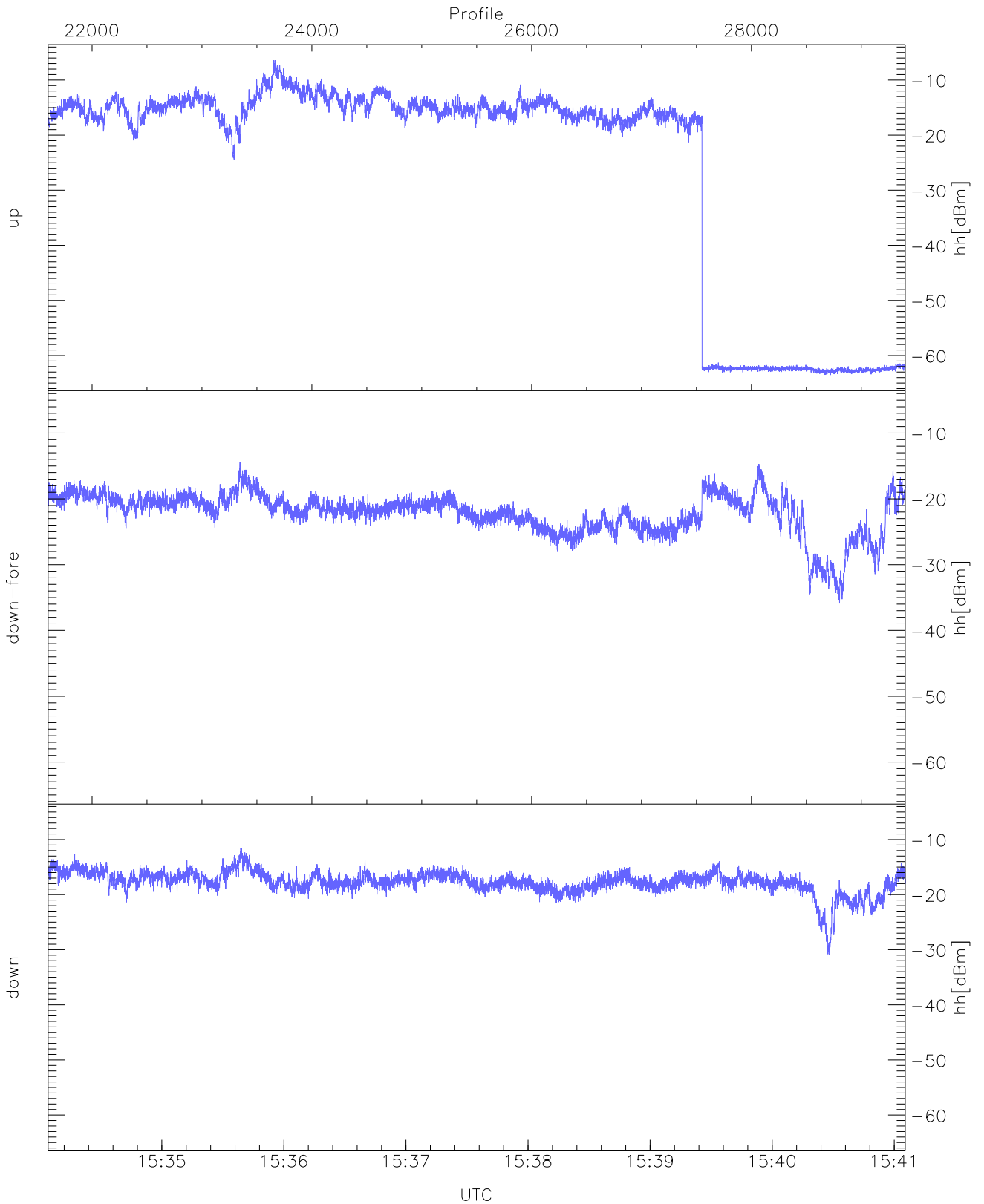




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 153404-153735, 3901 profiles averaged  
red: 153735-154105, 3901 profiles averaged

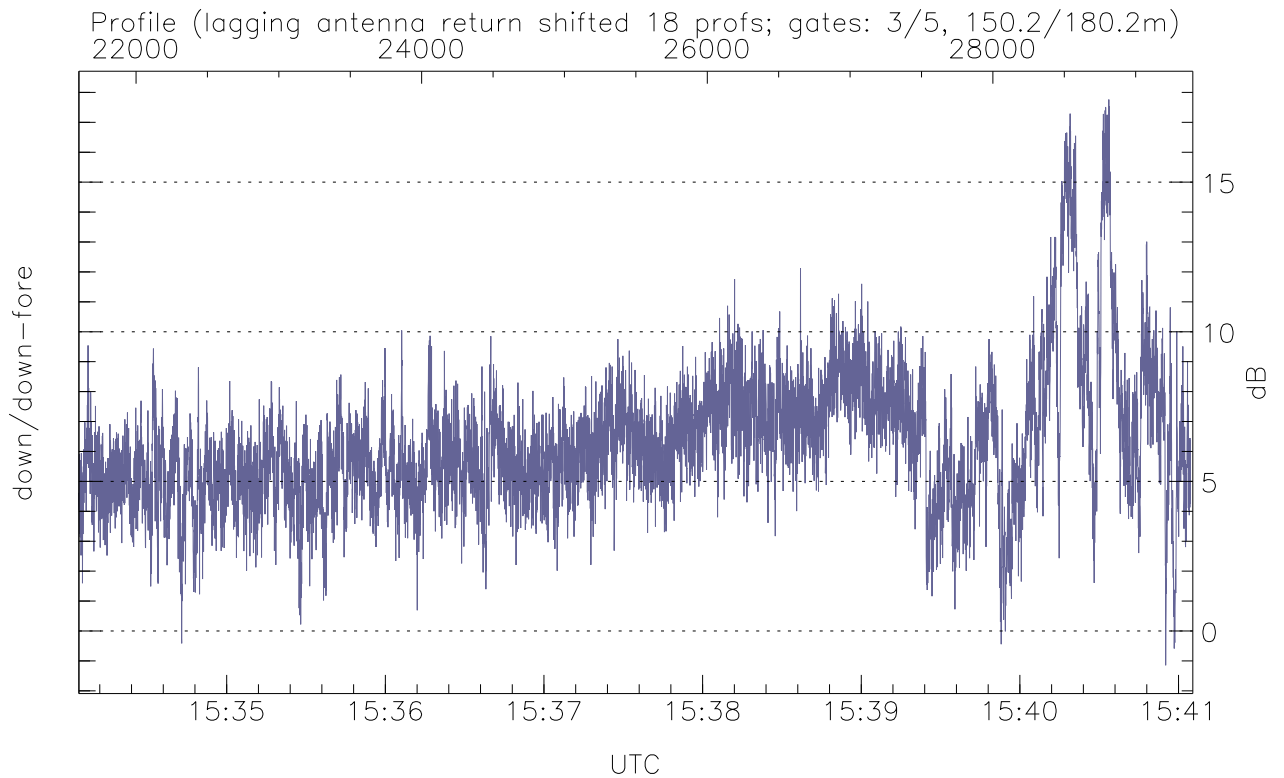
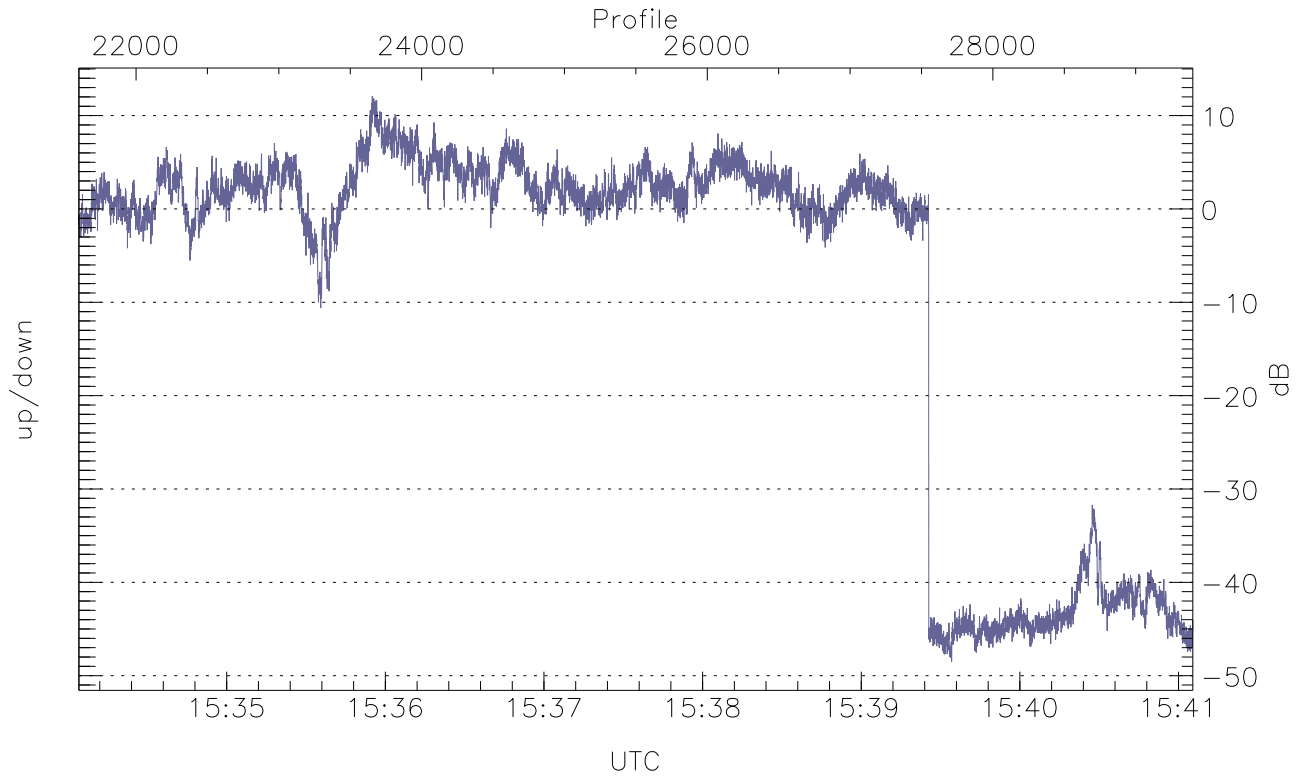


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



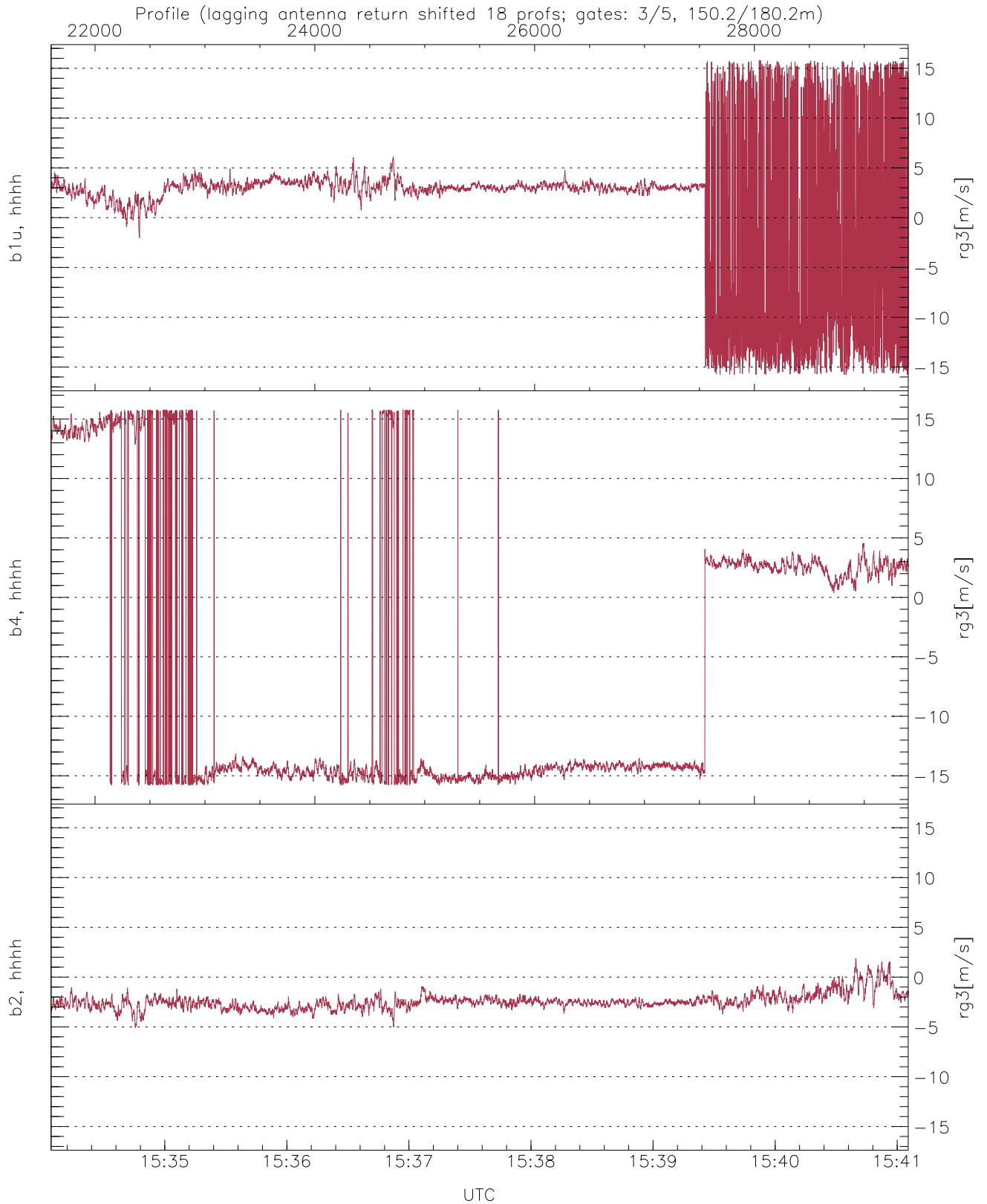
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.53	-6.42	-15.59
down-fore(hh[dBm])	-35.90	-14.43	-21.31
down(hh[dBm])	-30.83	-11.55	-17.36



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

	Min	Max	Mean
up/down (dB)	-48.54	12.07	-8.53
down/down-fore (dB)	-1.15	17.76	6.29



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.78	15.79	1.30	6.24
b4, hhhh(rg3[m/s])	-15.80	15.80	-6.28	11.28
b2, hhhh(rg3[m/s])	-5.08	1.87	-2.43	0.80