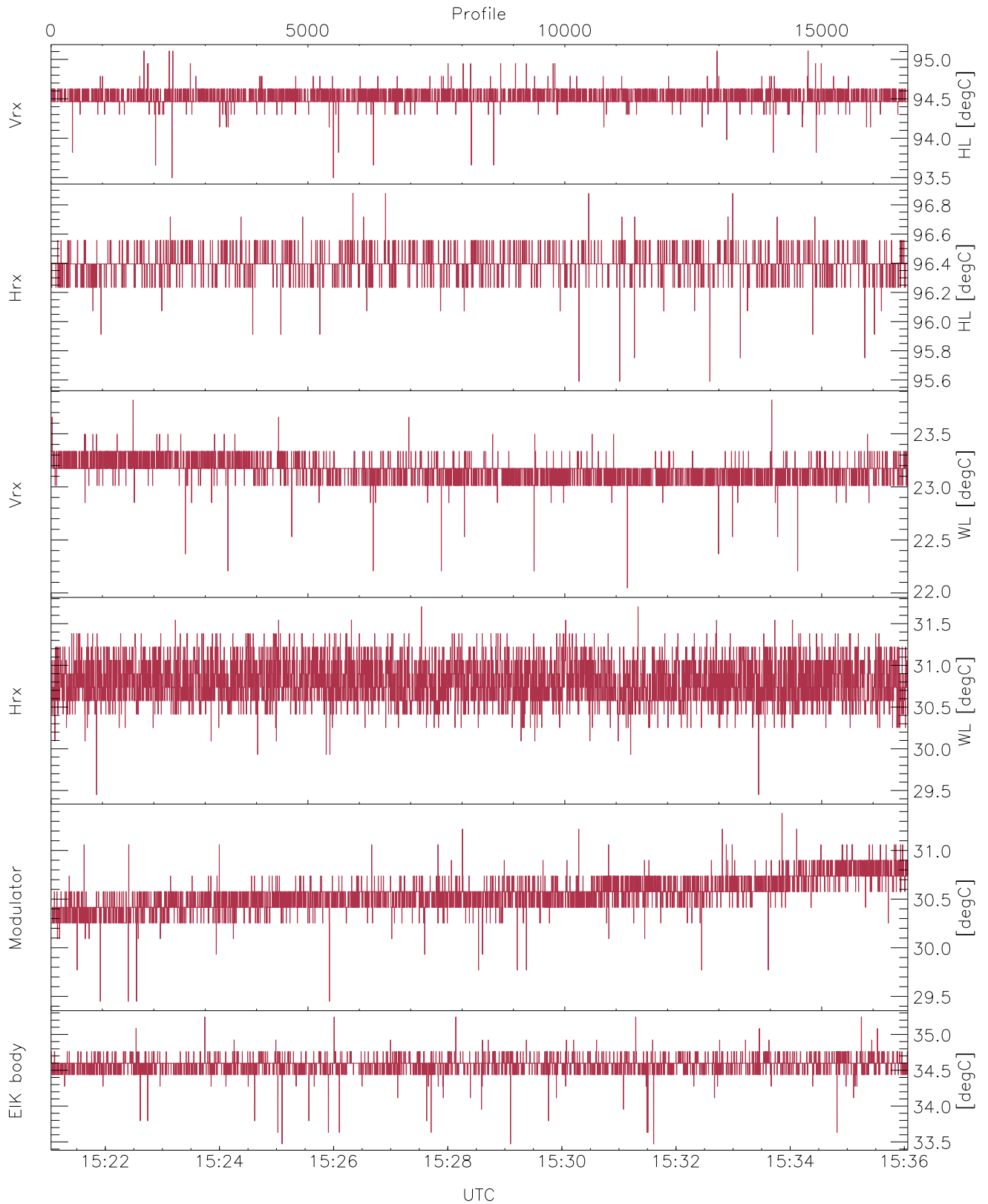


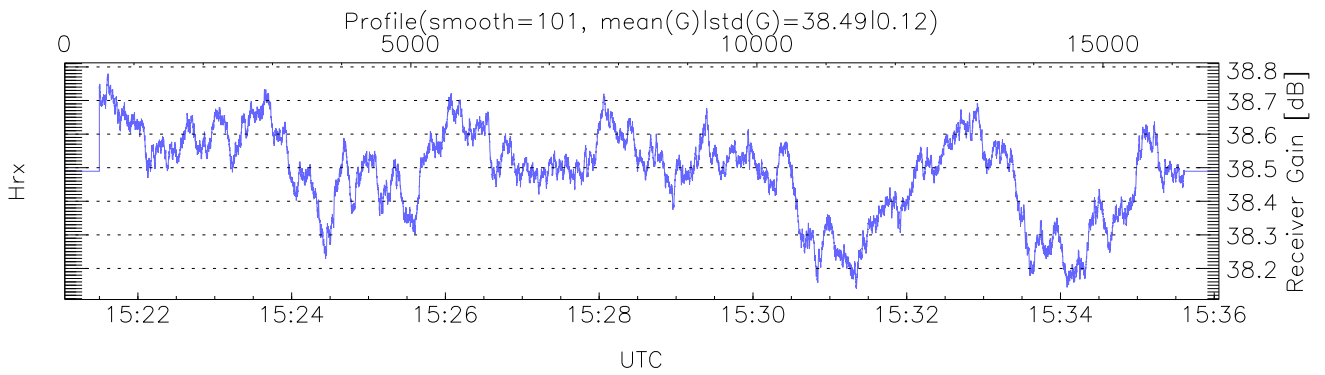
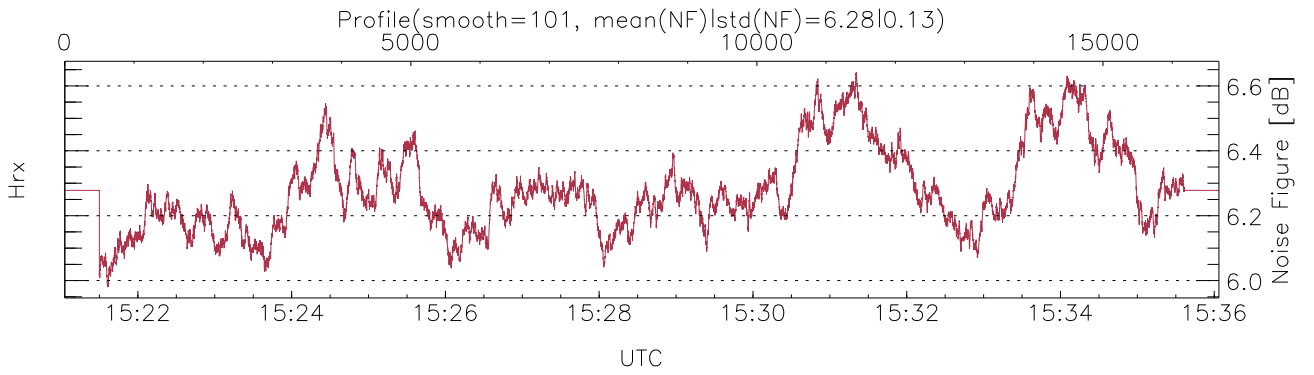
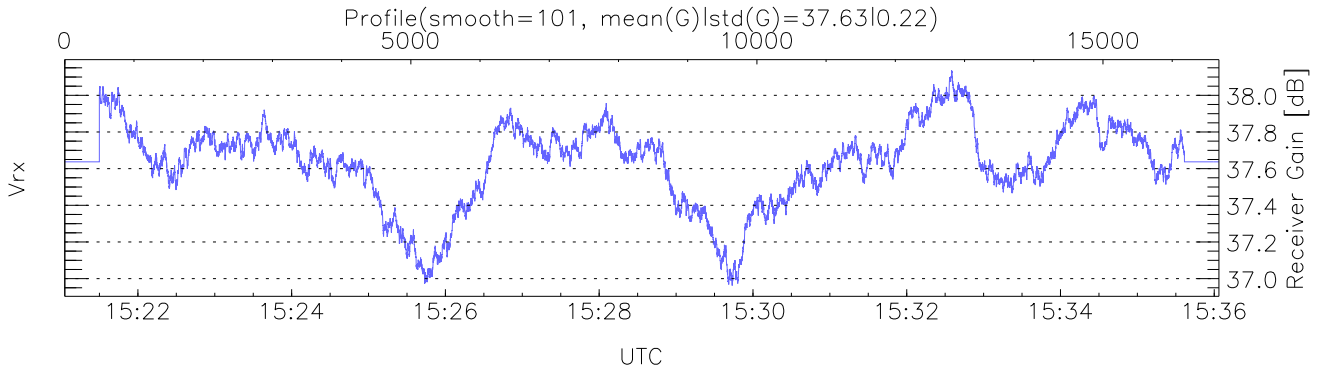
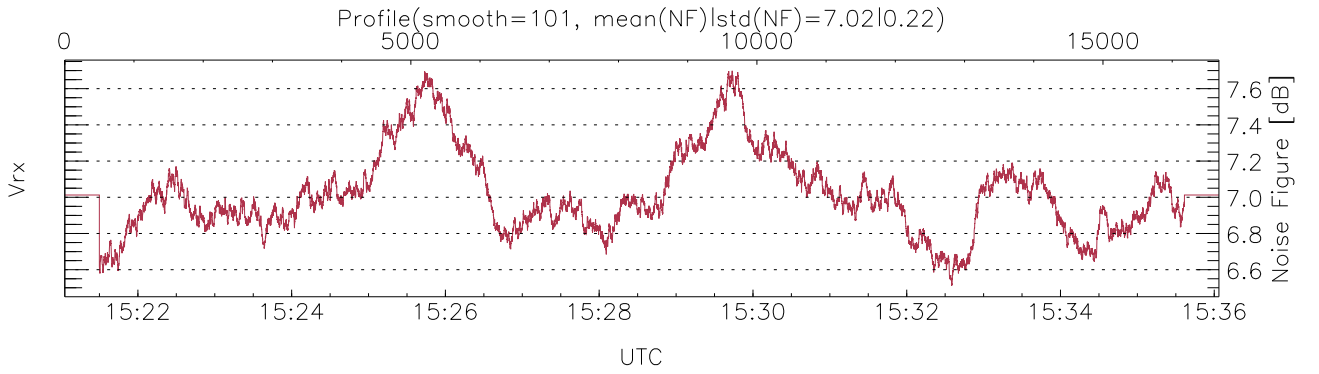
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:21:03-15:36:04, Dur: 900.73s  
 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): 16677/16677, 0-16676/15:21:03-15:36:04  
 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



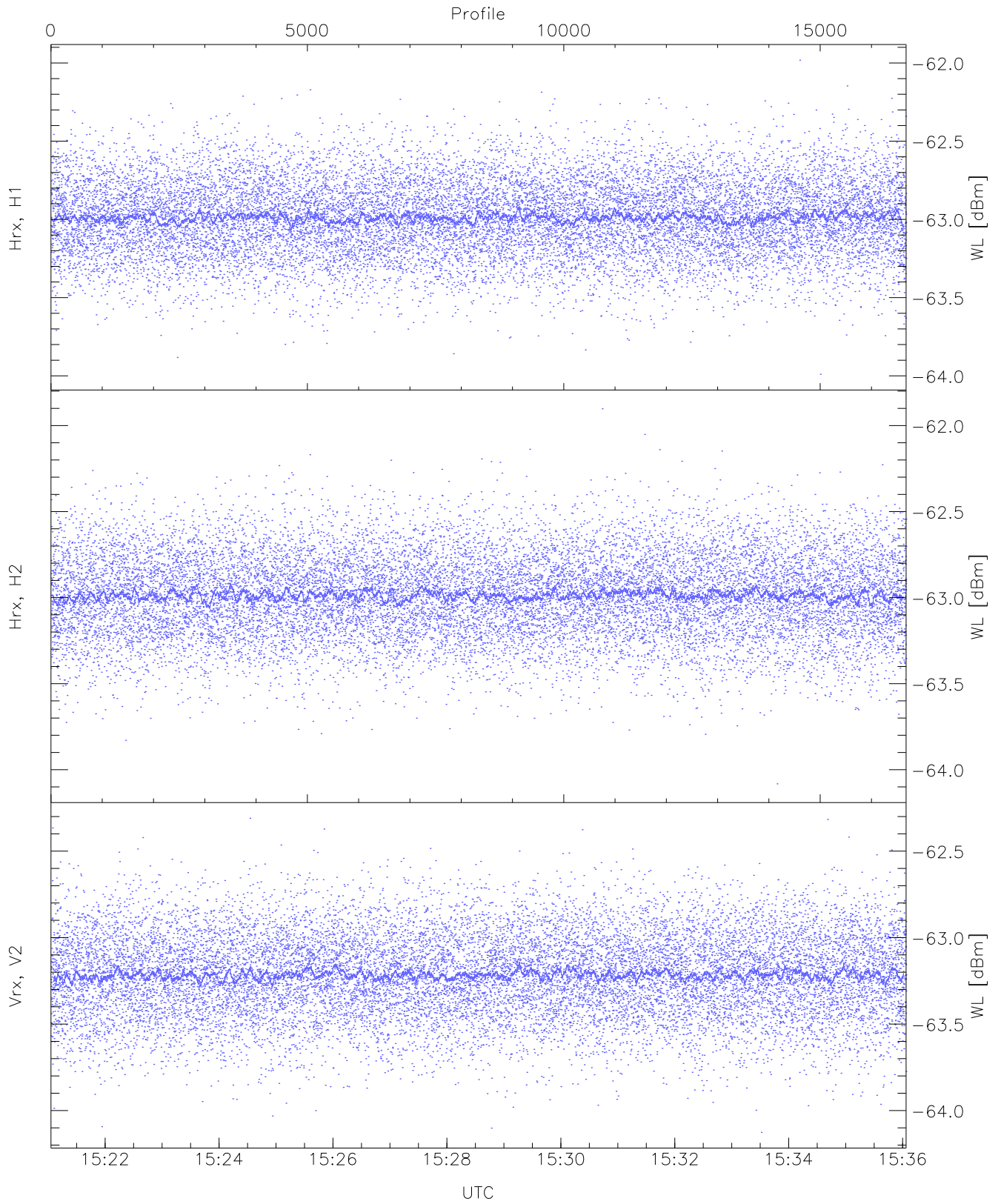
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,29,29,33  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,96,23,31,31,35  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty (14,14,14,14,14)



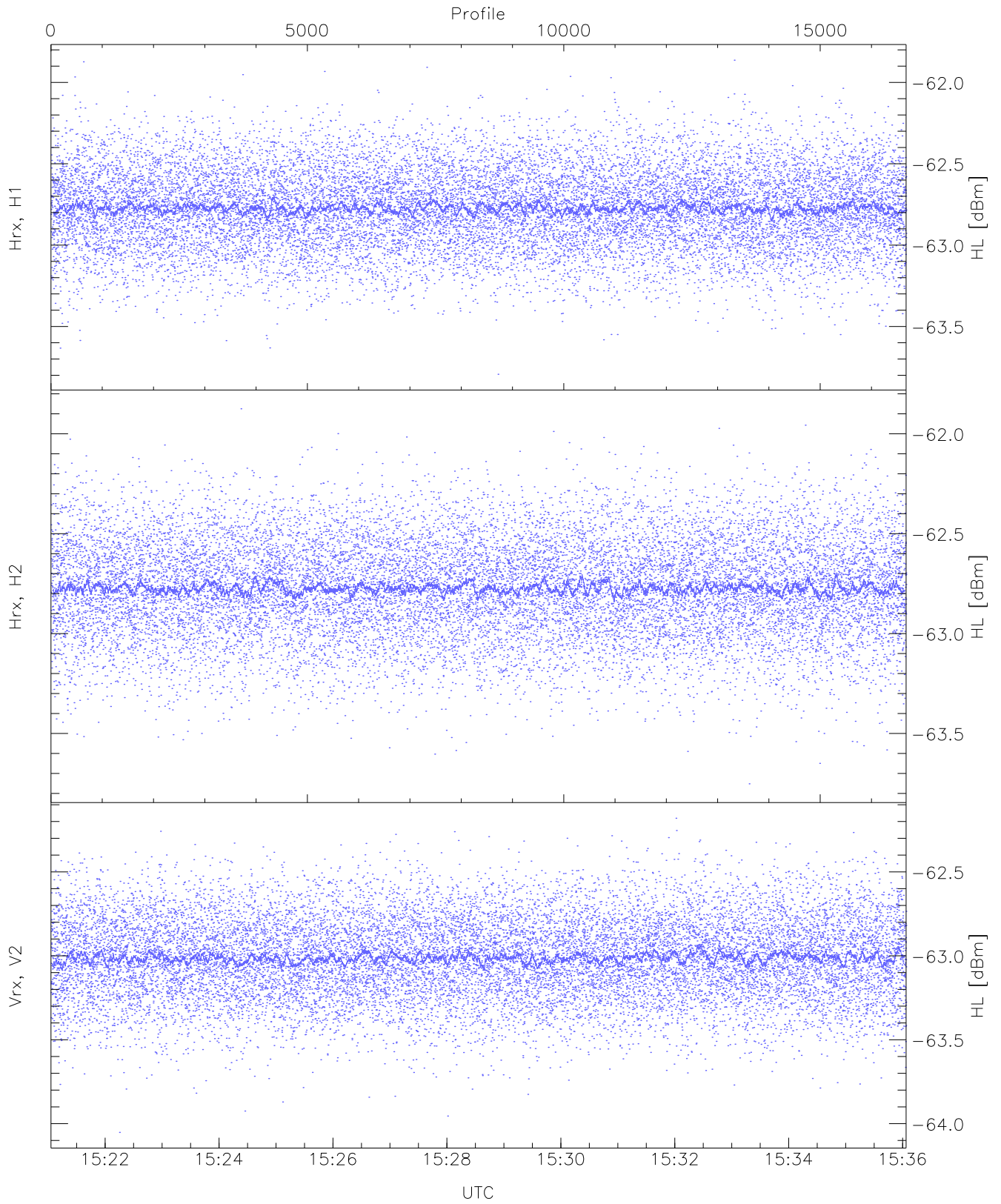
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 12 pixs, 3 gates, 12 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

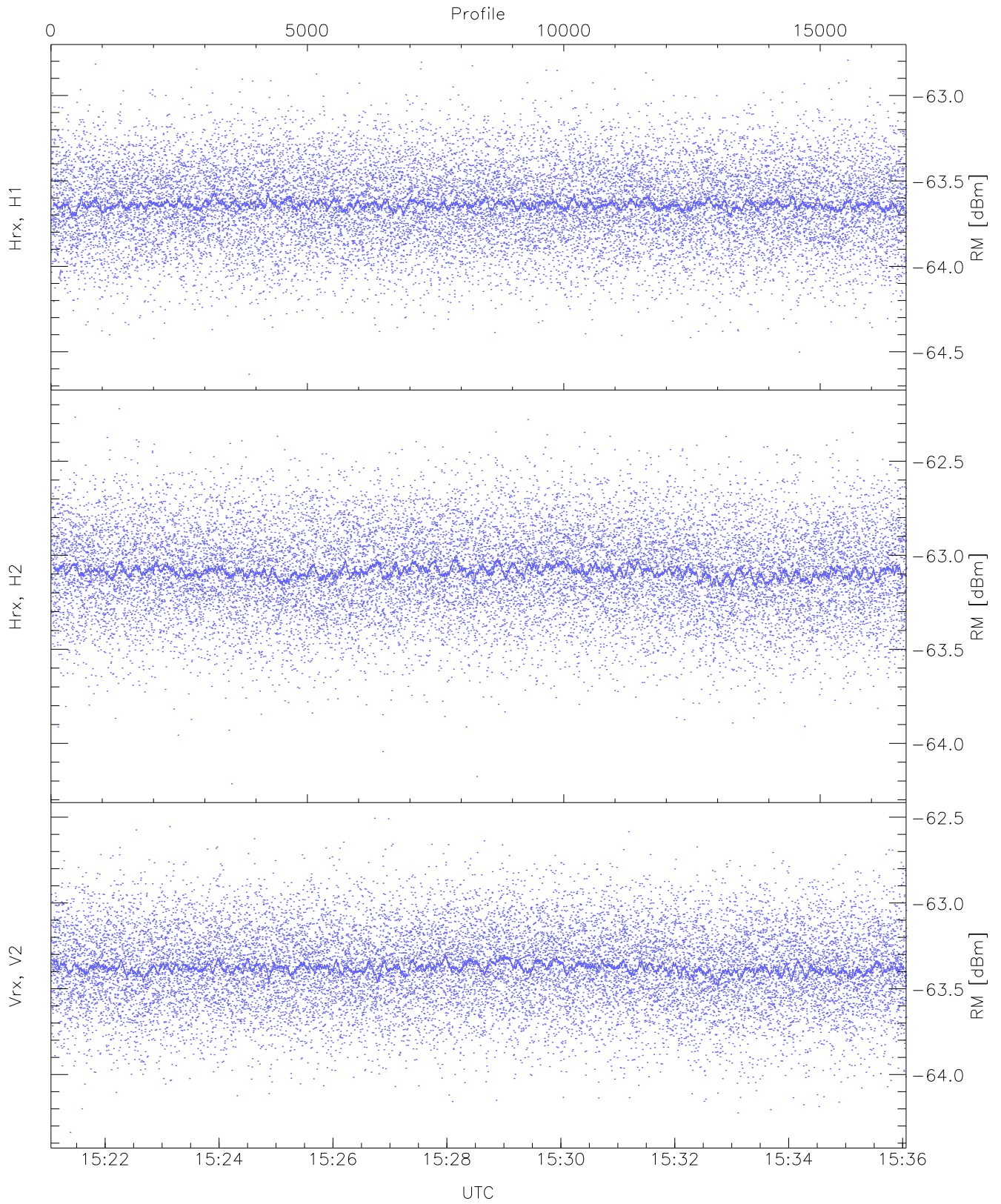
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.99	-61.98	-62.99	-62.99	-75.67
Hrx, H2 (WL [dBm])	-64.08	-61.90	-62.98	-62.99	-75.69
Vrx, V2 (WL [dBm])	-64.13	-62.31	-63.21	-63.22	-75.93



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

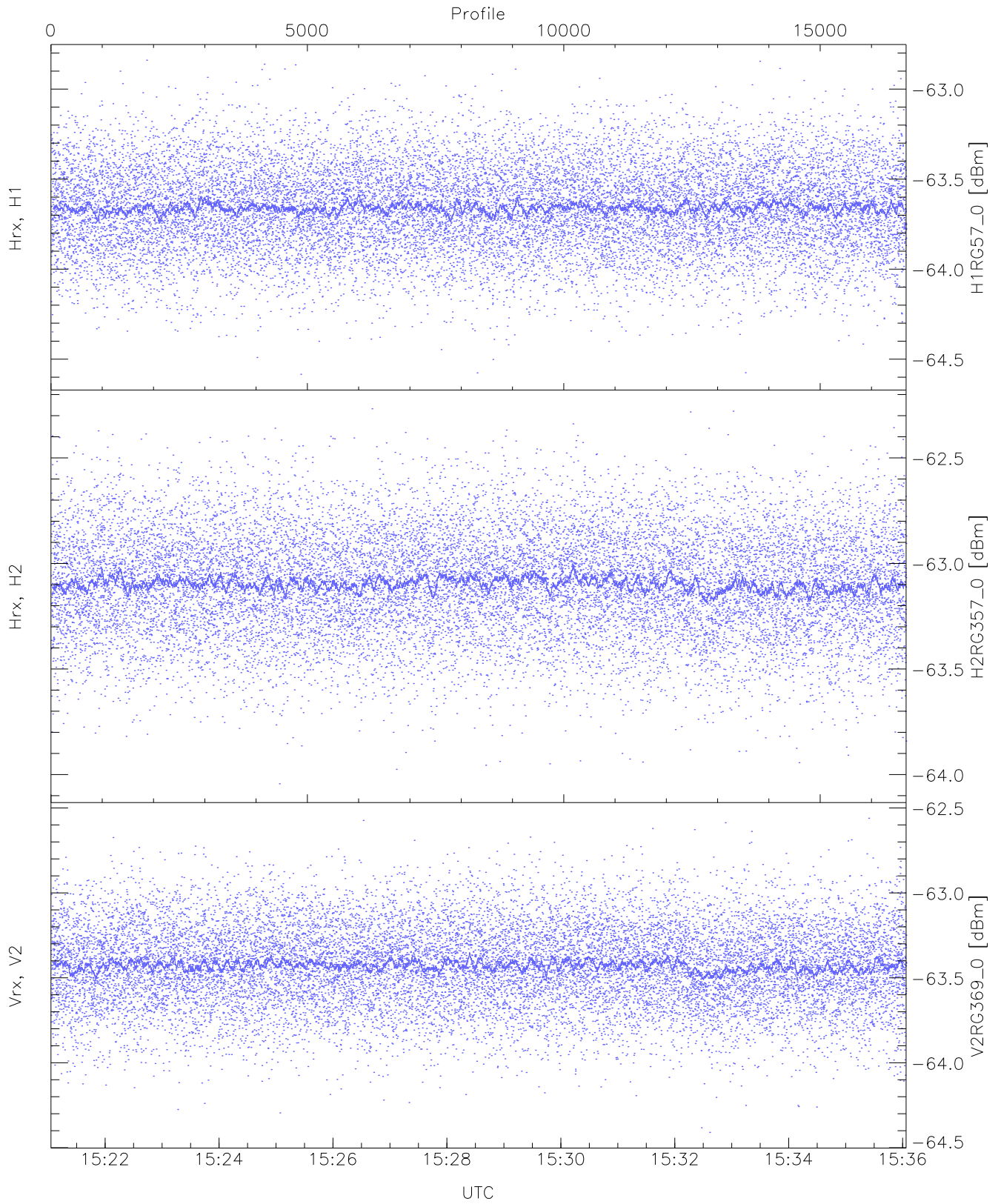
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.79	-61.86	-62.77	-62.77	-75.46
Hrx, H2 (HL [dBm])	-63.75	-61.87	-62.77	-62.77	-75.48
Vrx, V2 (HL [dBm])	-64.05	-62.18	-63.01	-63.01	-75.71





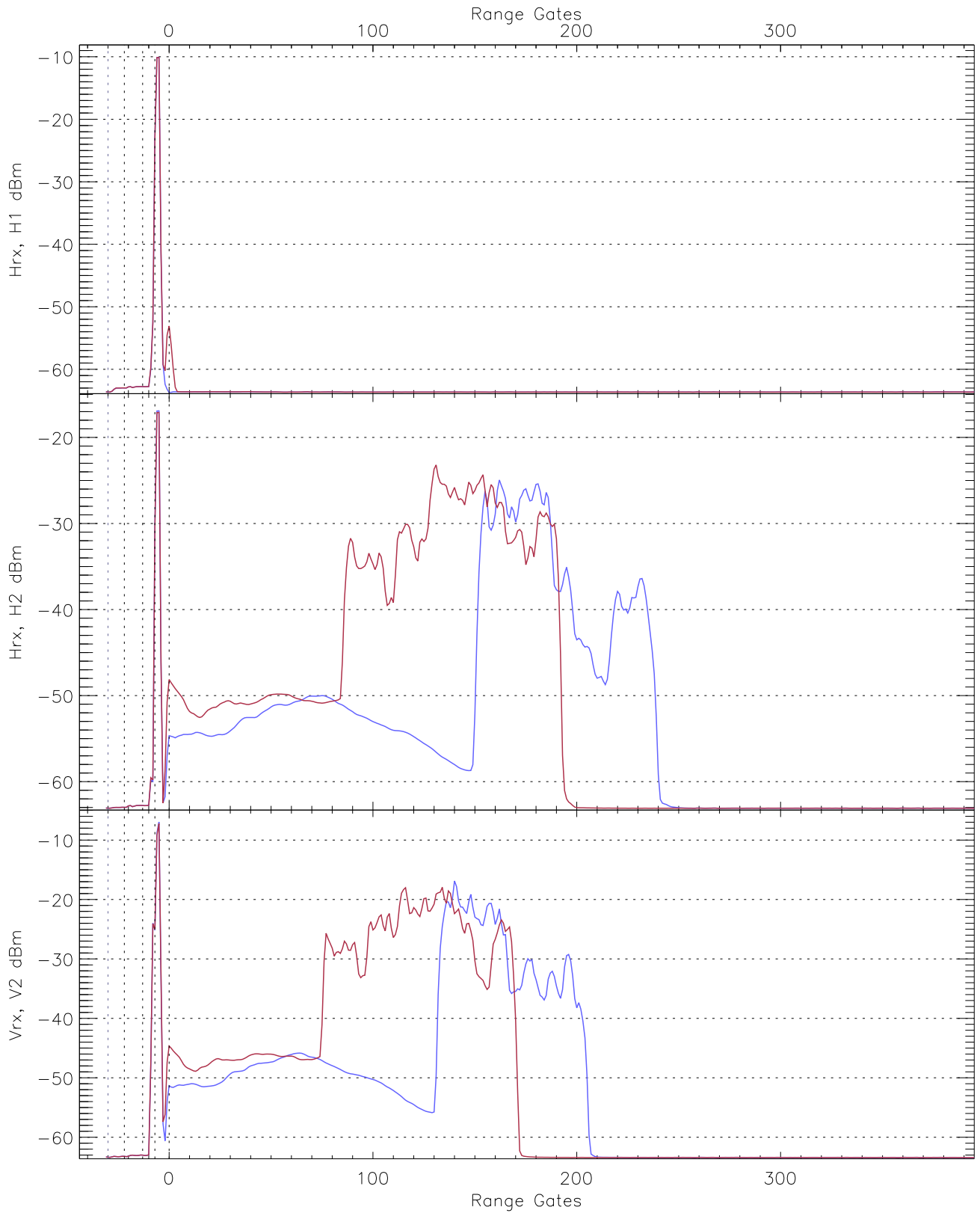
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.63	-62.79	-63.64	-63.64	-76.37
Hrx, H2 (RM [dBm])	-64.22	-62.22	-63.08	-63.09	-75.79
Vrx, V2 (RM [dBm])	-64.34	-62.51	-63.38	-63.38	-76.08



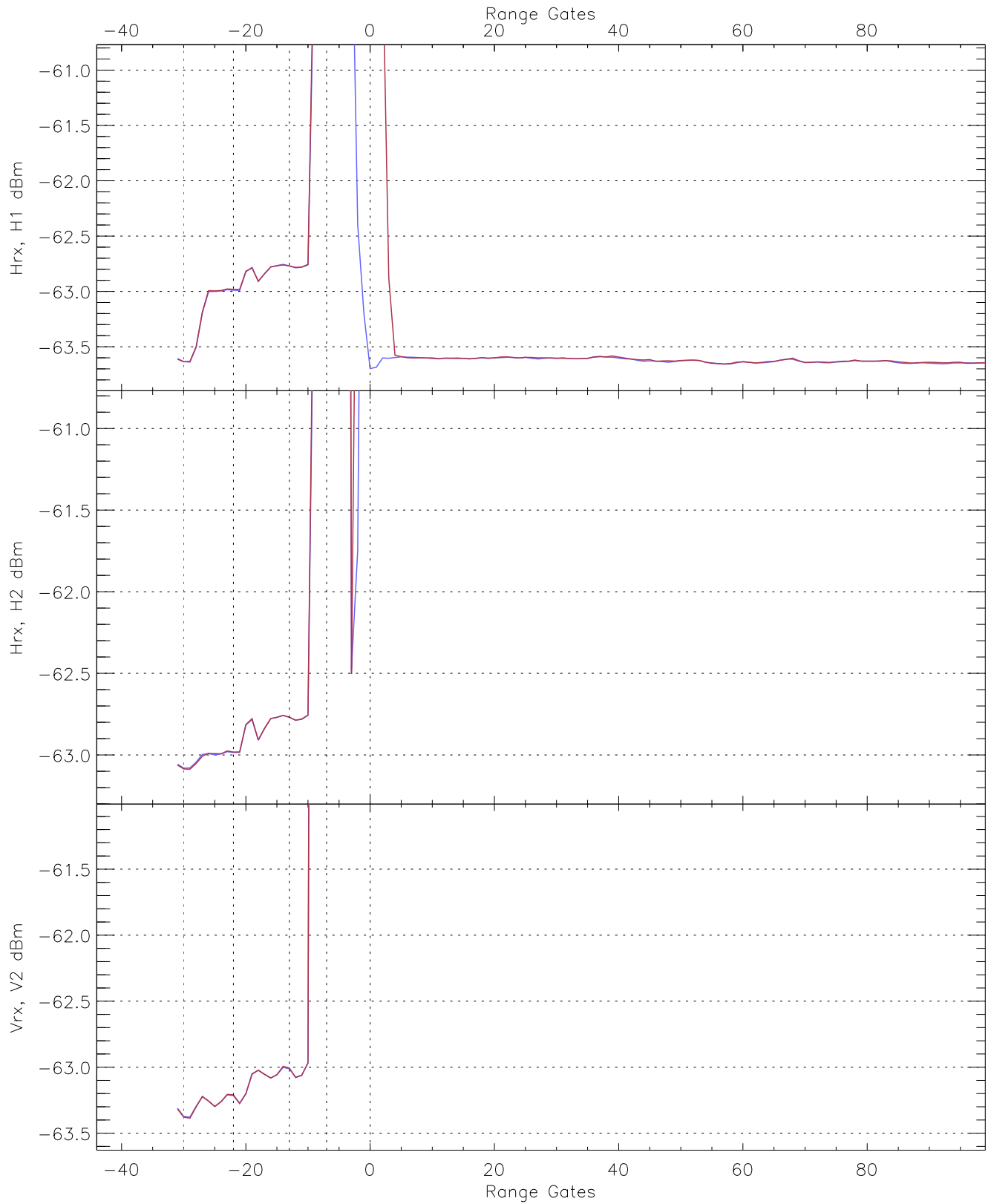
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG57_0 [dBm]	-64.58	-62.84	-63.66	-63.66	-76.38
H2RG357_0 [dBm]	-64.04	-62.27	-63.09	-63.10	-75.76
V2RG369_0 [dBm]	-64.41	-62.56	-63.42	-63.43	-76.13

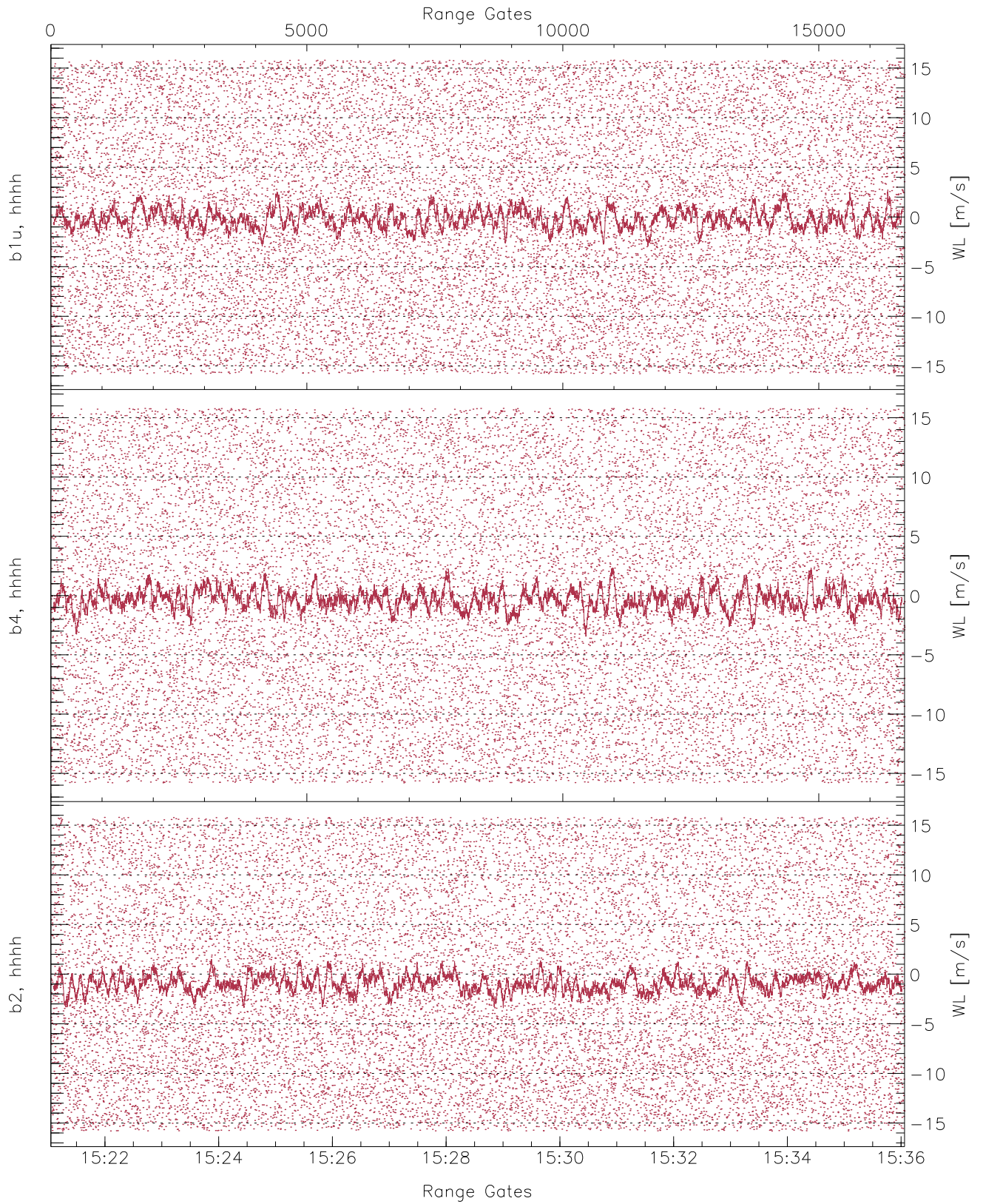


WCR2 CPP Averaged Received power for all recorded gates  
blue: 152103-152833, 8339 profiles averaged  
red: 152833-153604, 8339 profiles averaged

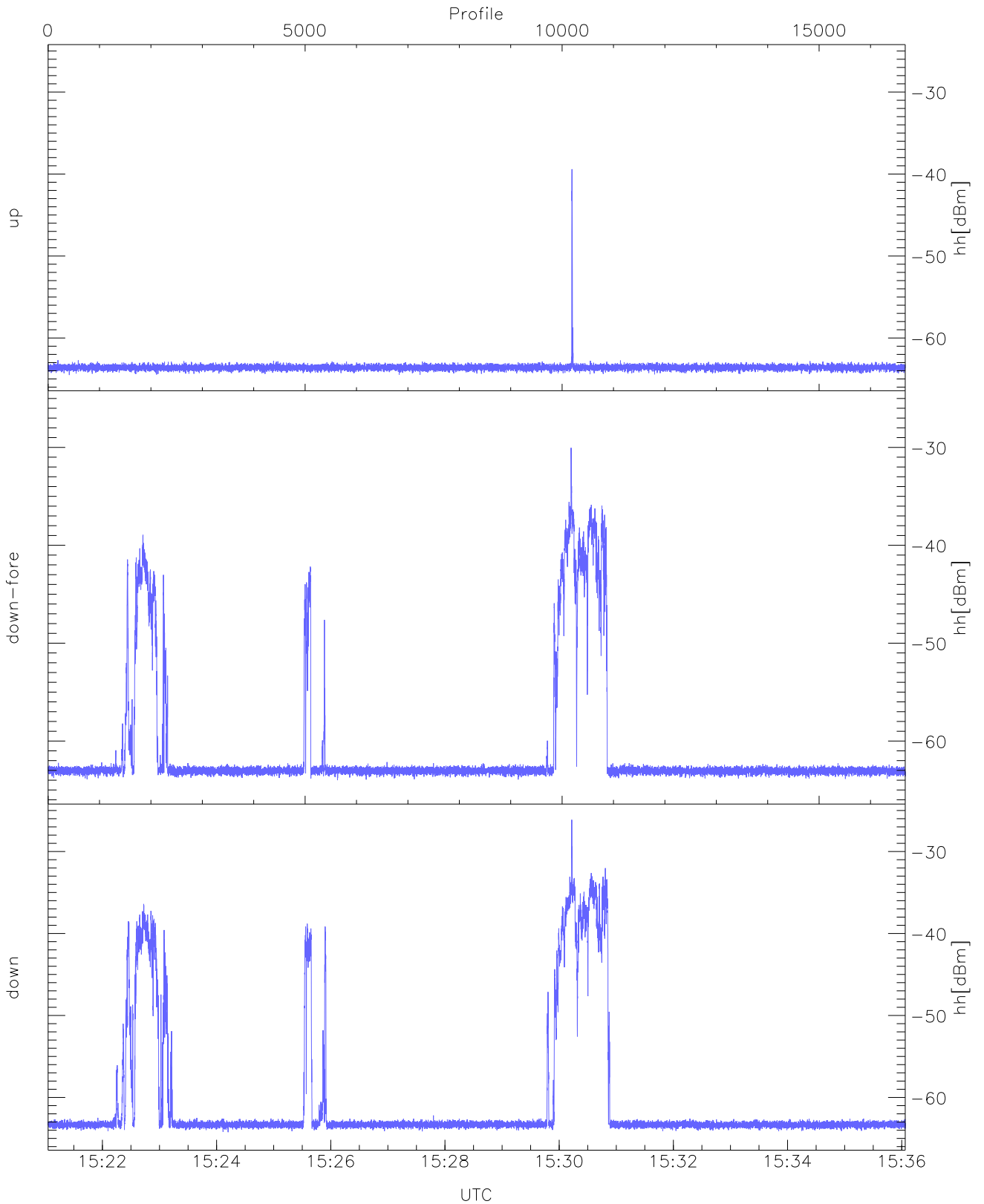




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 152103-152833, 8339 profiles averaged  
red: 152833-153604, 8339 profiles averaged

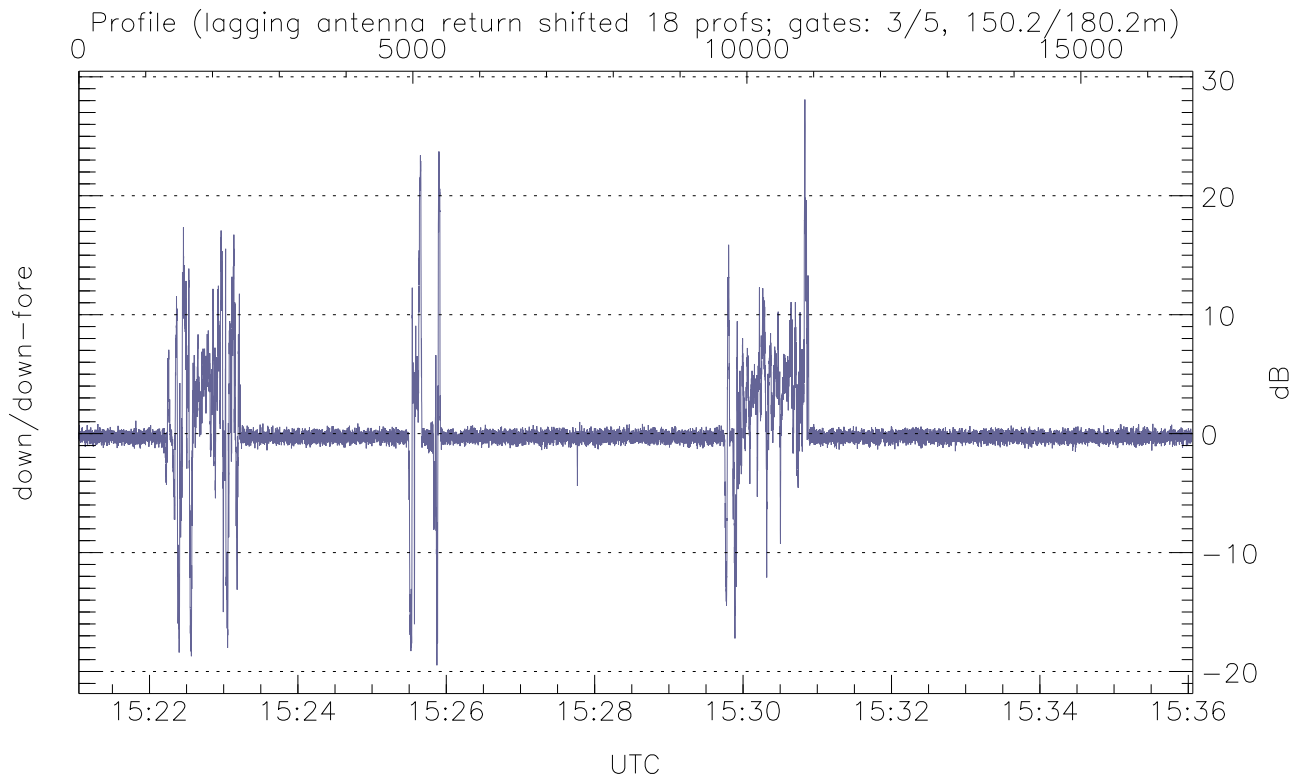
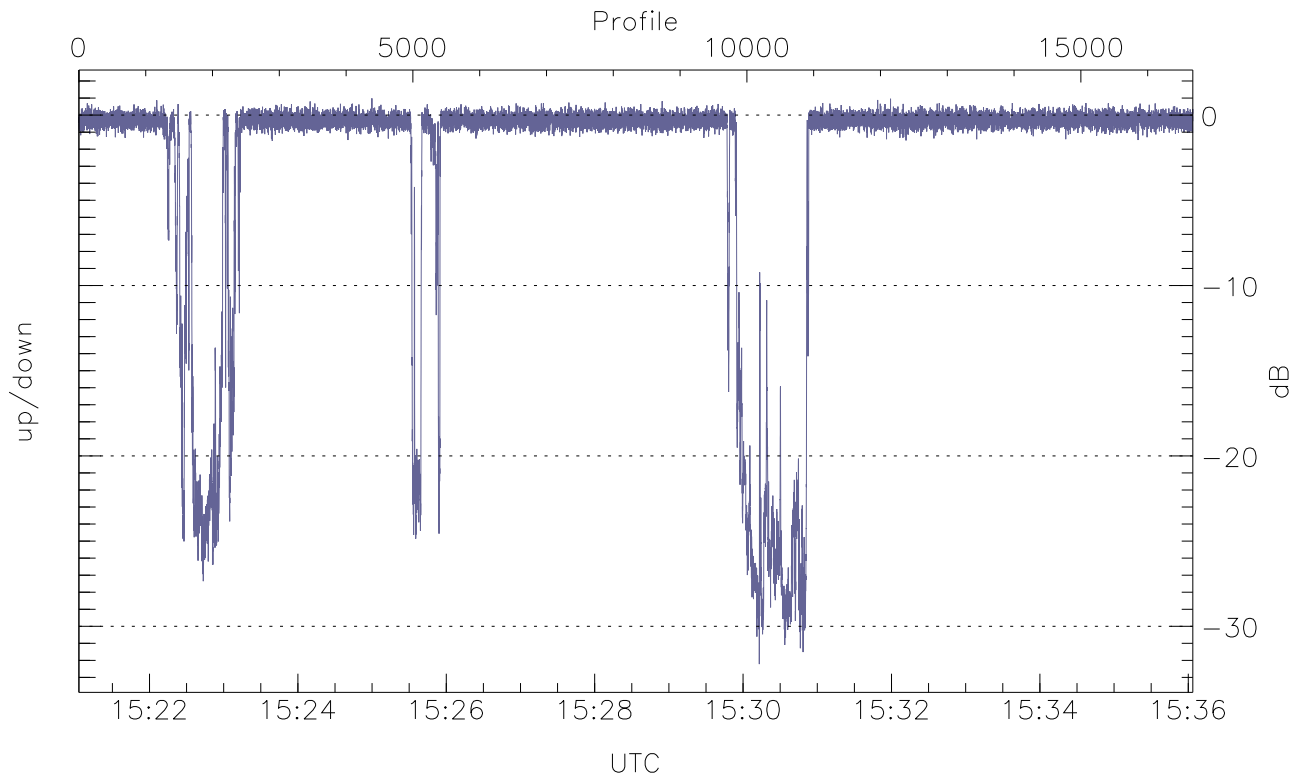


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



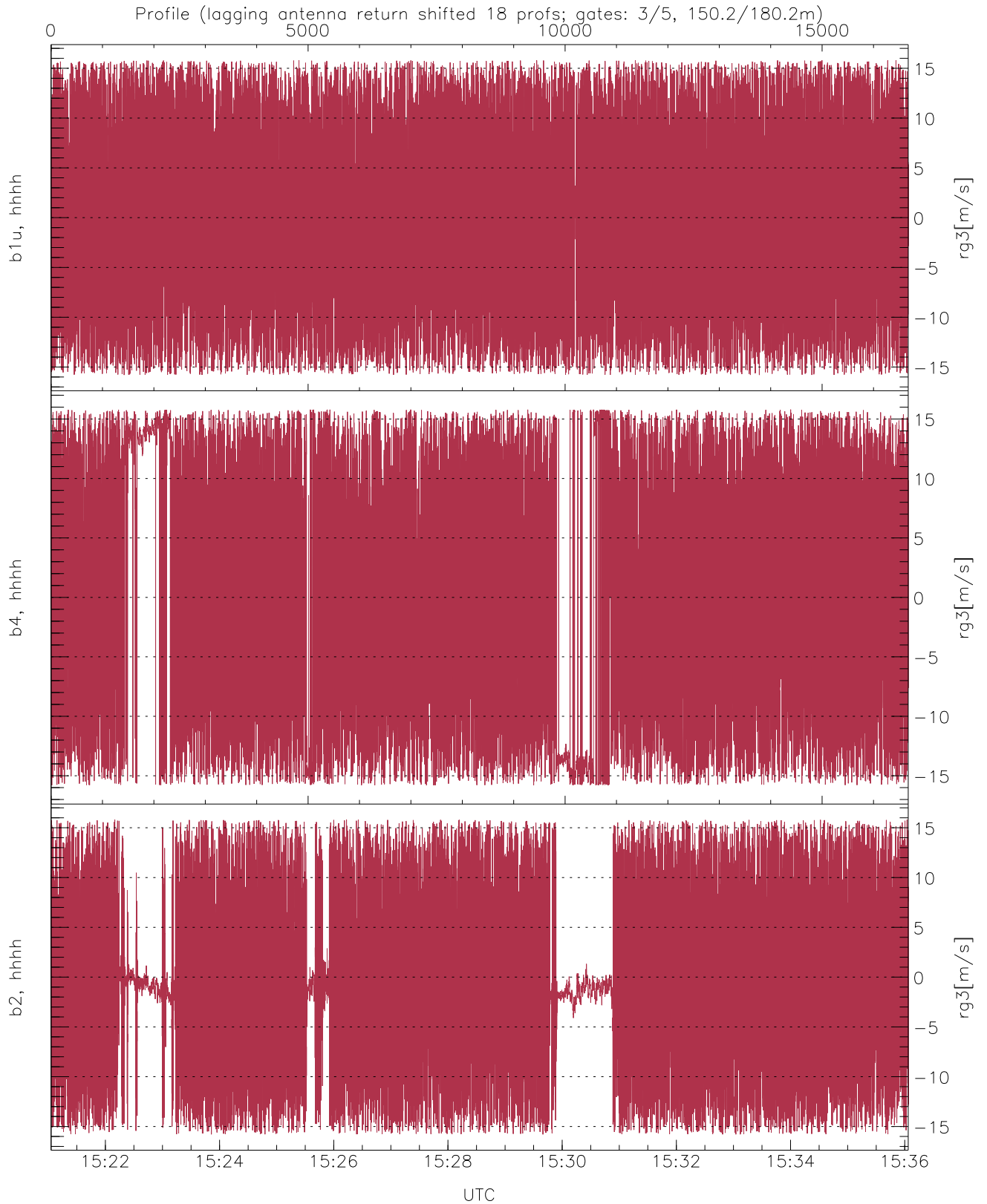
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.52	-39.41	-63.23
down-fore(hh[dBm])	-64.00	-30.04	-51.17
down(hh[dBm])	-64.24	-26.13	-47.79



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

	Min	Max	Mean
up/down (dB)	-32.22	0.99	-2.97
down/down-fore (dB)	-19.48	28.09	0.17



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	-0.17	9.09
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.06	9.93
b2, hhhh(rg3[m/s])	-15.79	15.80	-0.69	8.35