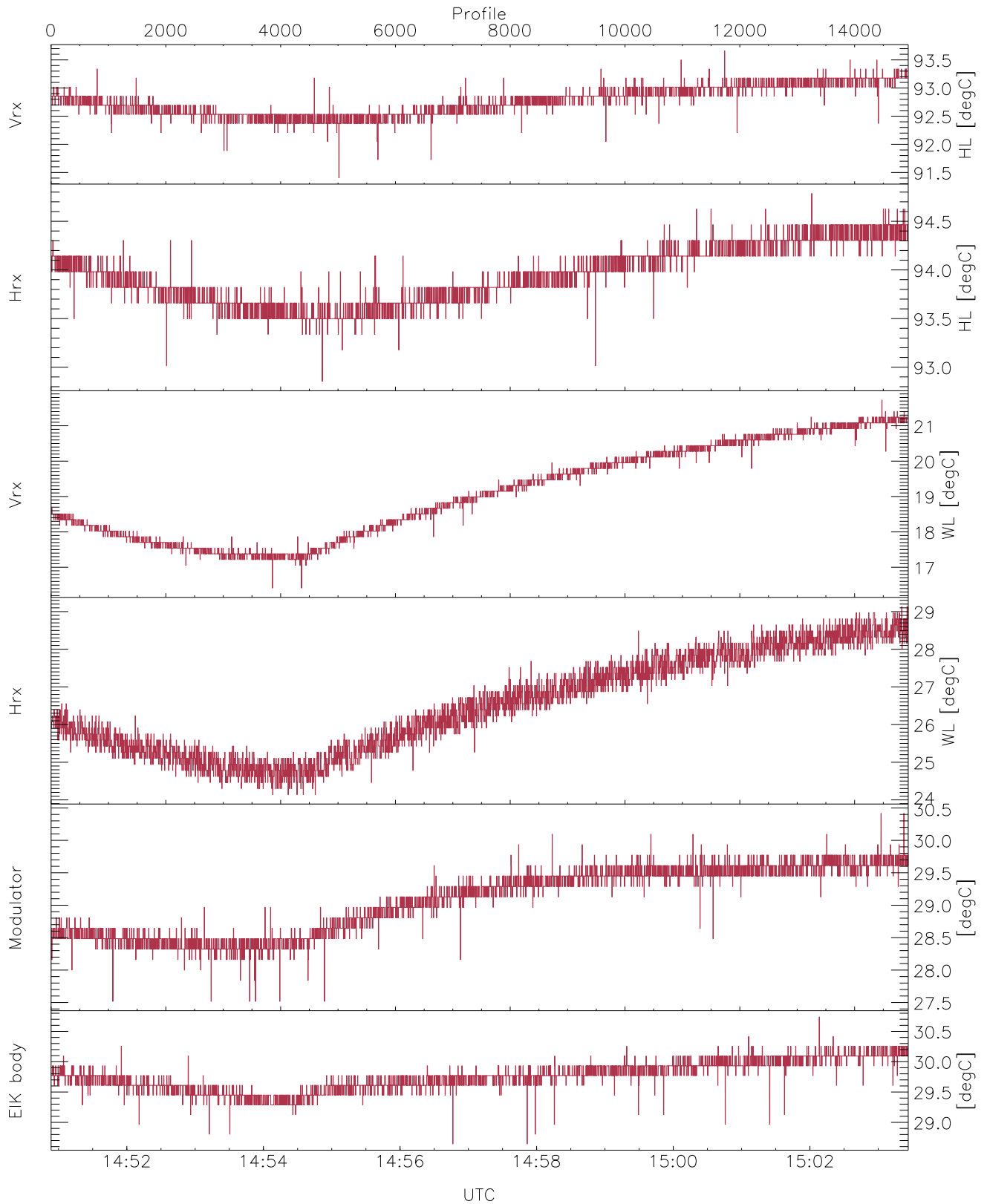


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

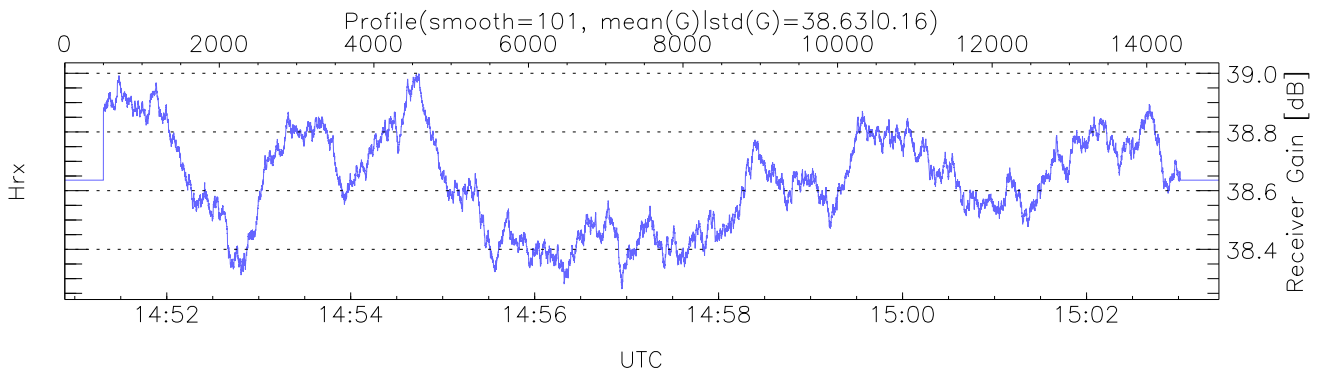
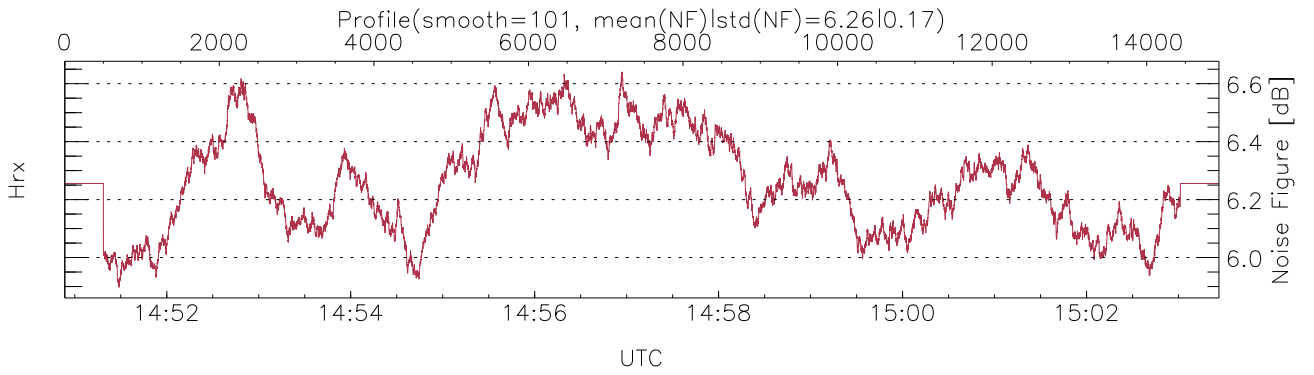
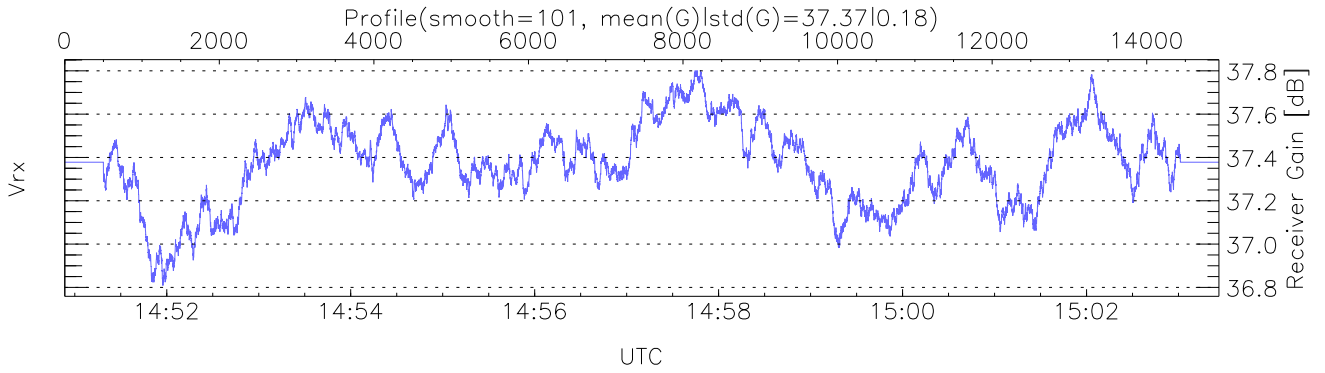
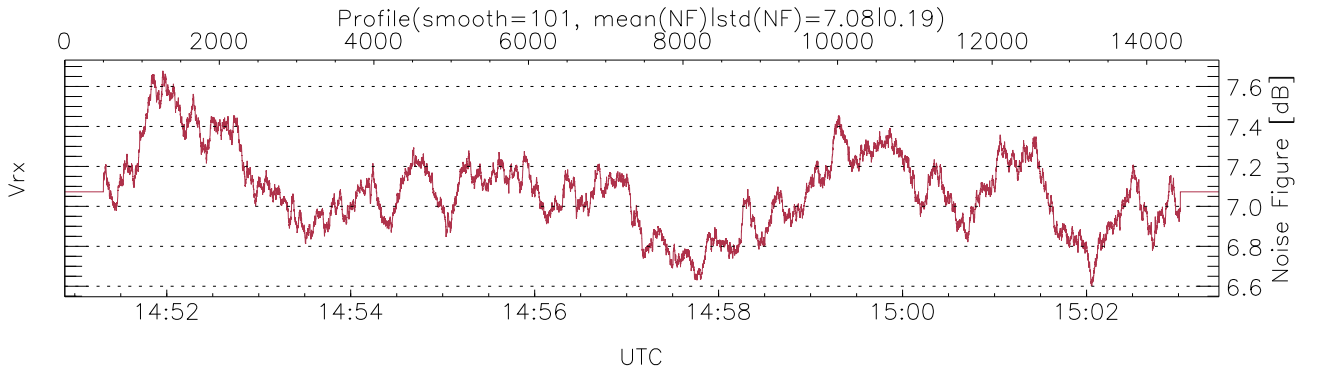
UTC: 14:50:53-15:03:26, Dur: 752.91s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 14936/14936, 0-14935/14:50:53-15:03:26  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 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

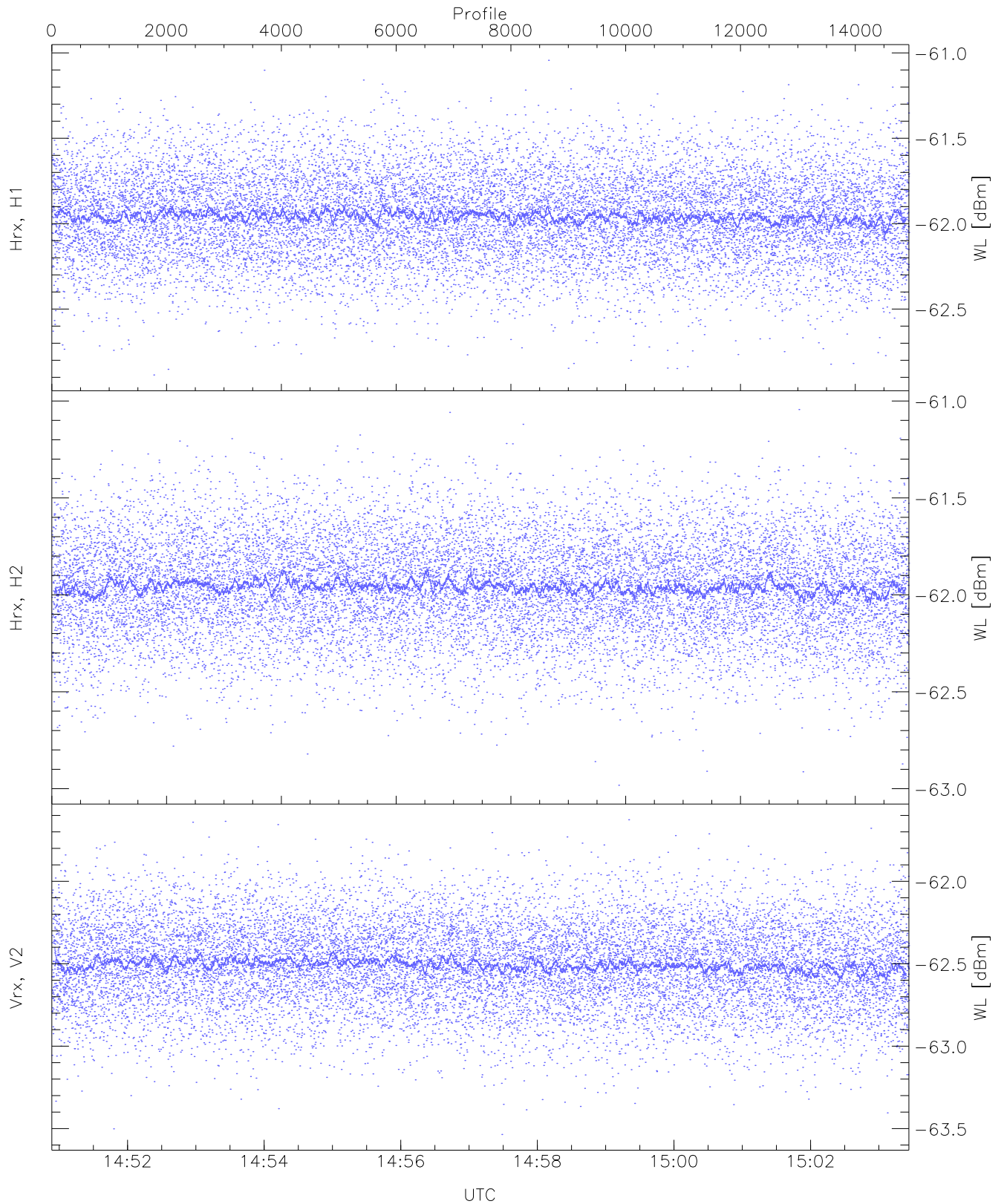
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,16,24,27,28`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,29,30,30`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`  
`DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (10,10,10,10,10,16)`



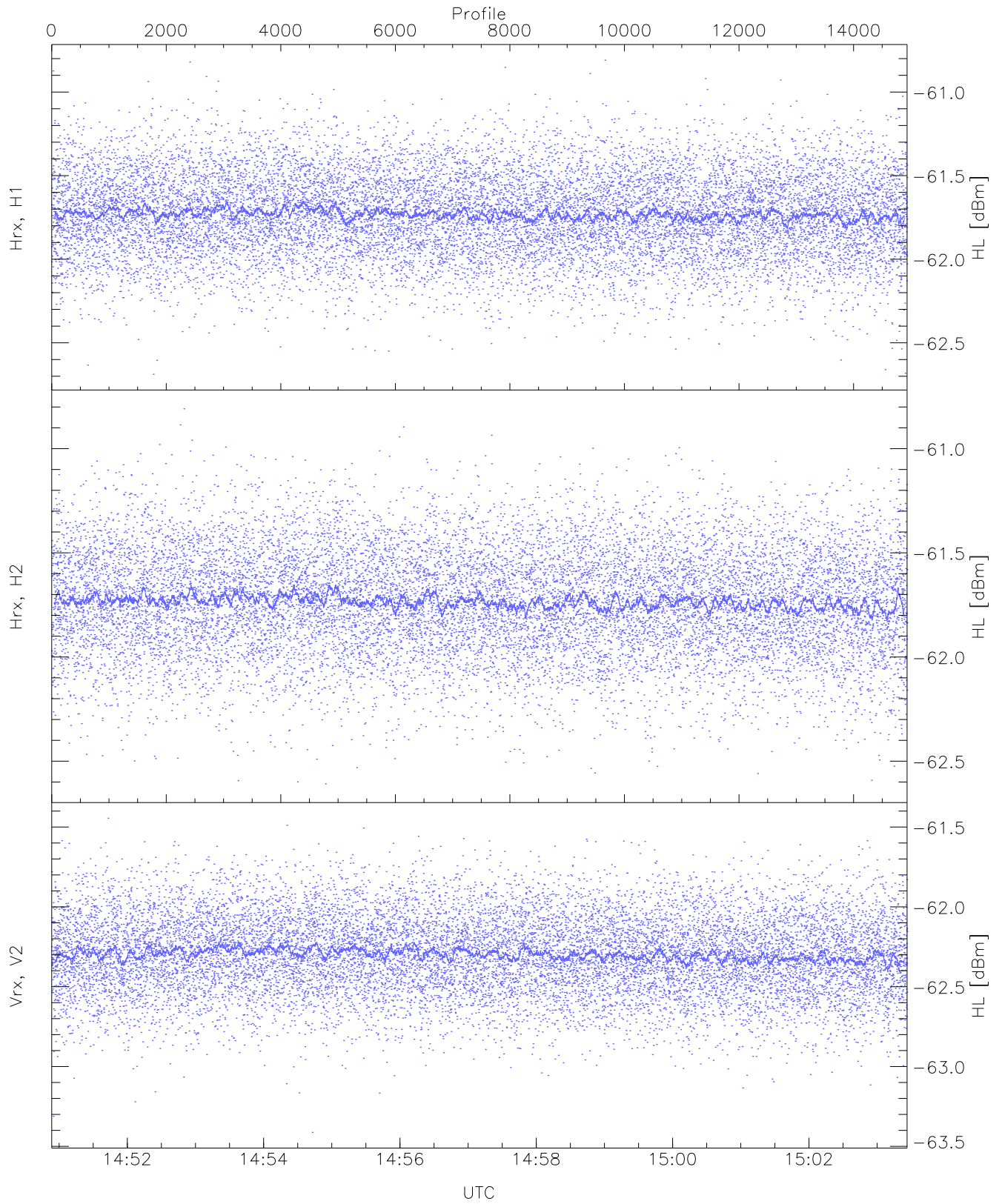
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8532 pixs, 32 gates, 8194 profs, 2 prods



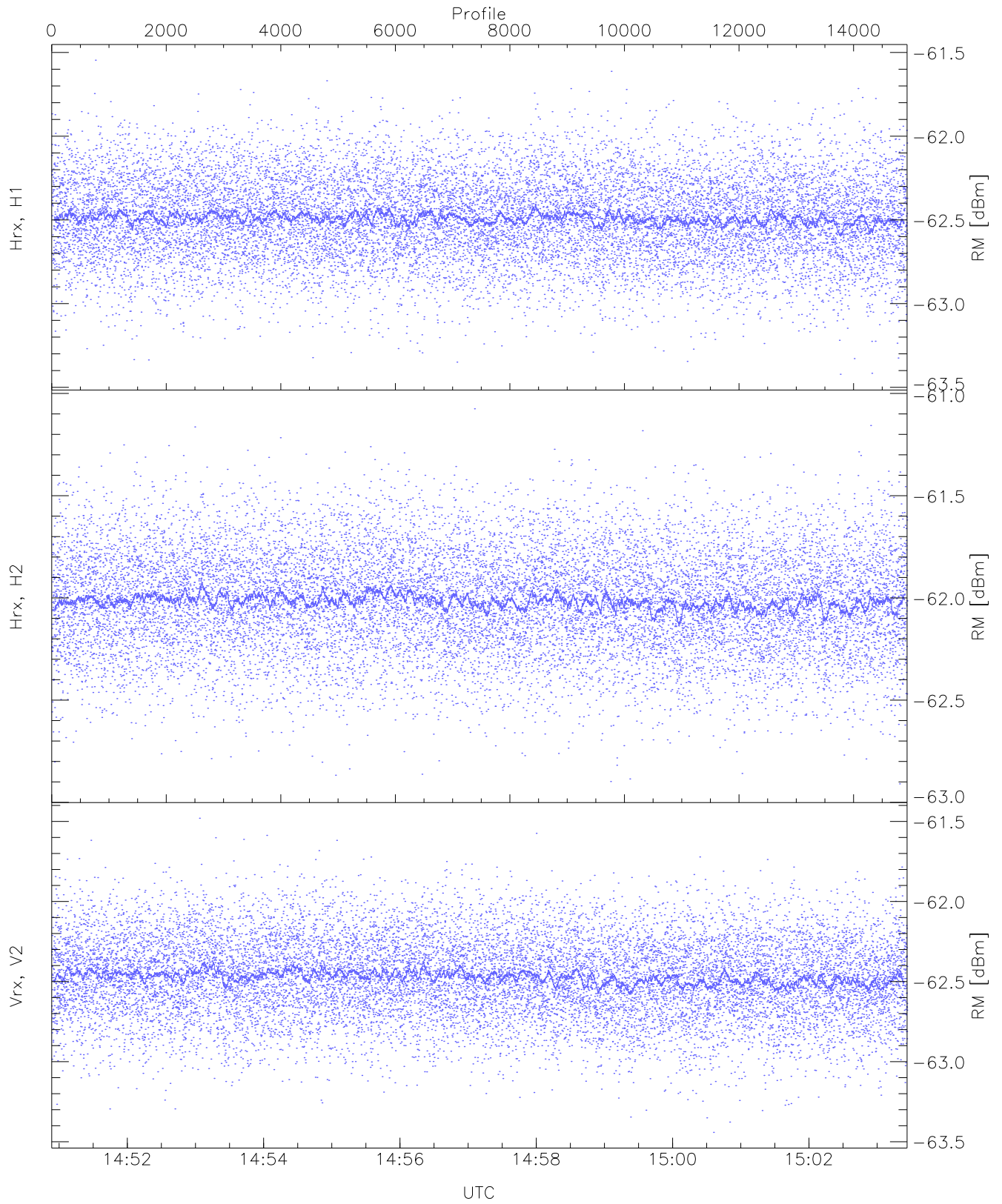
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.89	-61.04	-61.95	-61.96	-74.52
Hrx, H2 (WL [dBm])	-62.98	-61.04	-61.96	-61.96	-74.51
Vrx, V2 (WL [dBm])	-63.54	-61.63	-62.50	-62.51	-75.02



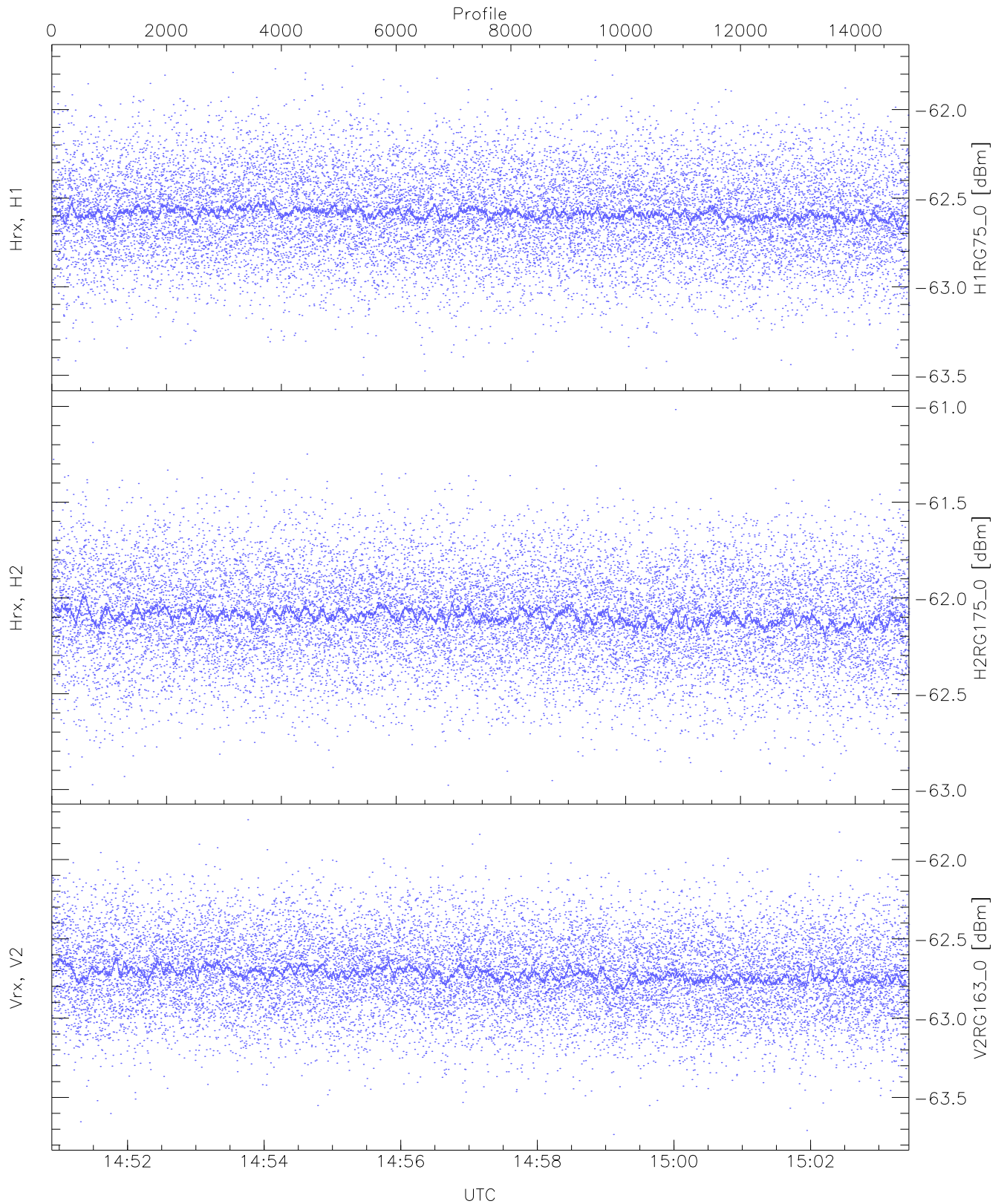
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.69	-60.81	-61.73	-61.73	-74.31
Hrx, H2(HL [dBm])	-62.61	-60.81	-61.73	-61.74	-74.30
Vrx, V2(HL [dBm])	-63.41	-61.44	-62.29	-62.30	-74.89



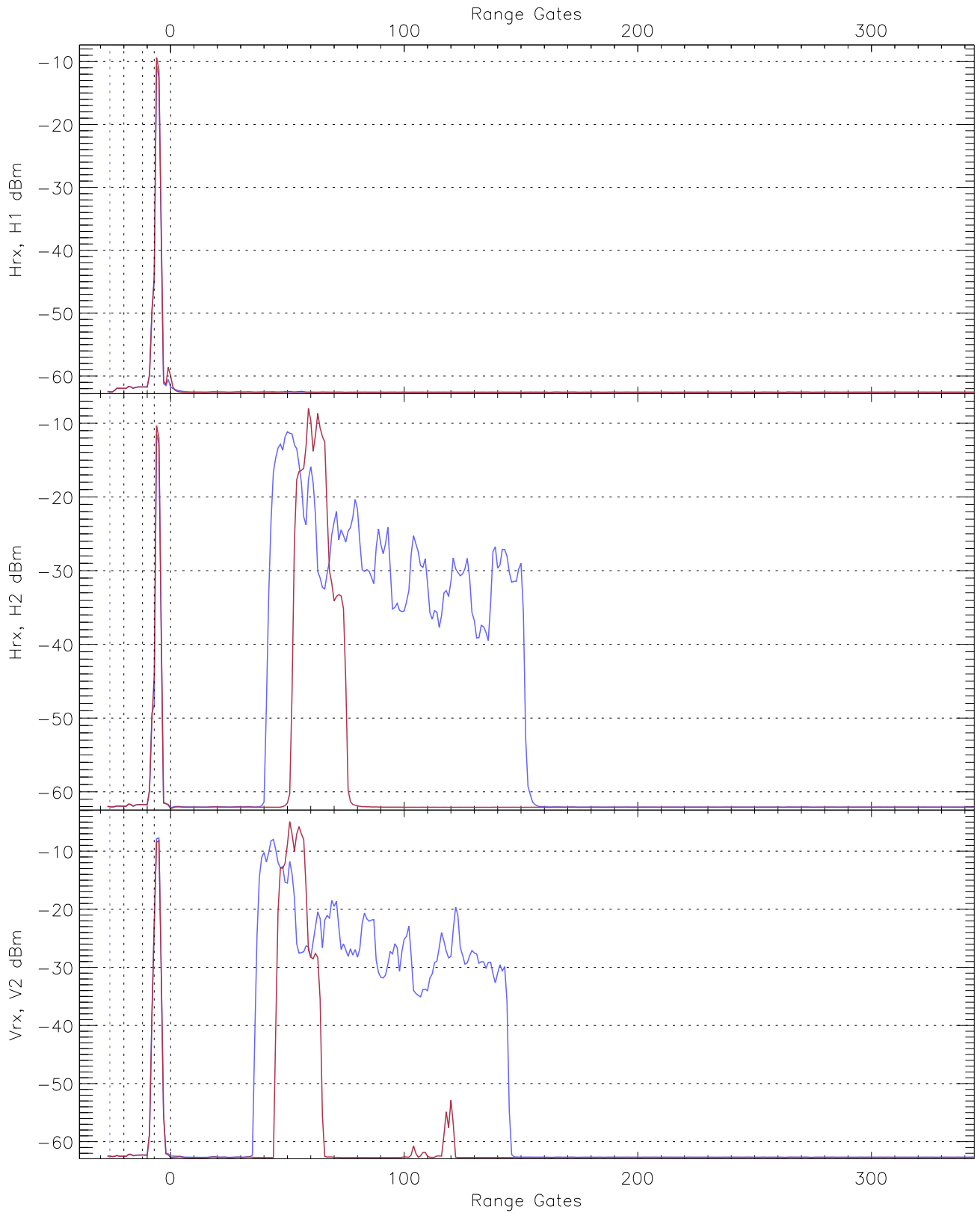
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.42	-61.55	-62.49	-62.49	-75.05
Hrx, H2 (RM [dBm])	-62.91	-61.07	-62.01	-62.02	-74.63
Vrx, V2 (RM [dBm])	-63.44	-61.48	-62.47	-62.47	-74.99



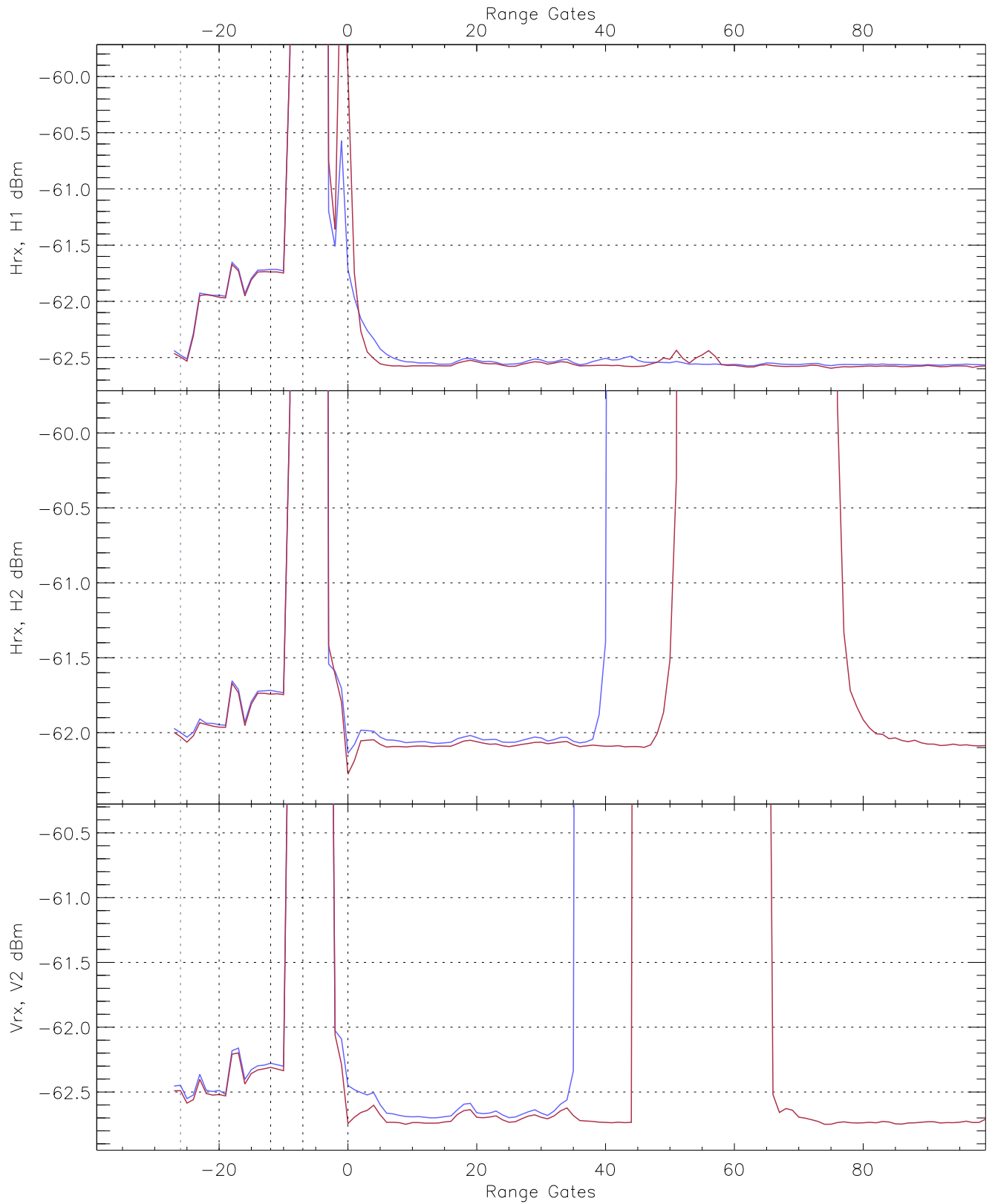
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.50	-61.72	-62.58	-62.59	-75.15
H2RG175_0 [dBm]	-62.98	-61.02	-62.09	-62.10	-74.65
V2RG163_0 [dBm]	-63.73	-61.75	-62.72	-62.73	-75.26

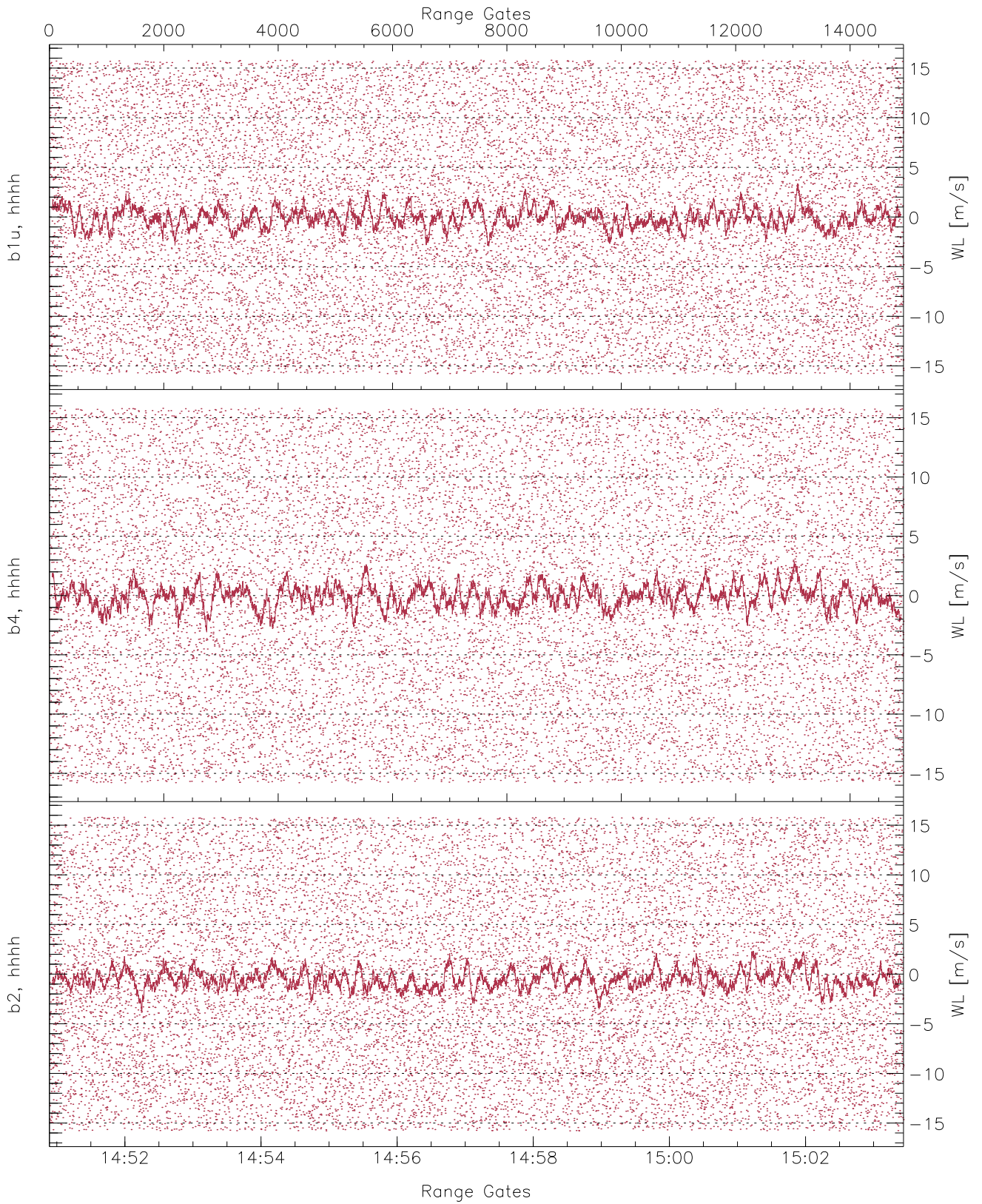


WCR2 CPP Averaged Received power for all recorded gates  
blue: 145053-145710, 7469 profiles averaged  
red: 145710-150326, 7468 profiles averaged

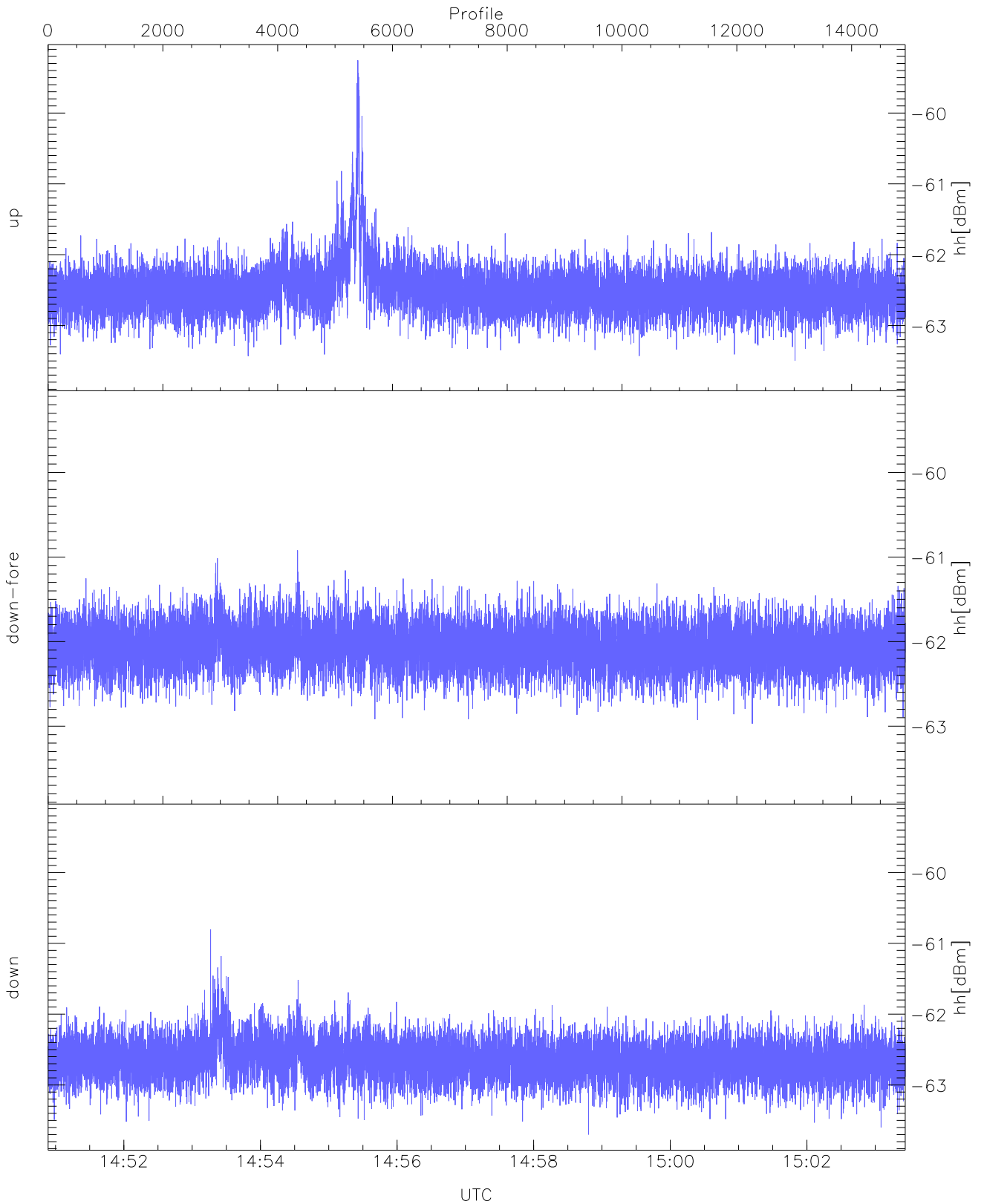




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 145053-145710, 7469 profiles averaged  
red: 145710-150326, 7468 profiles averaged

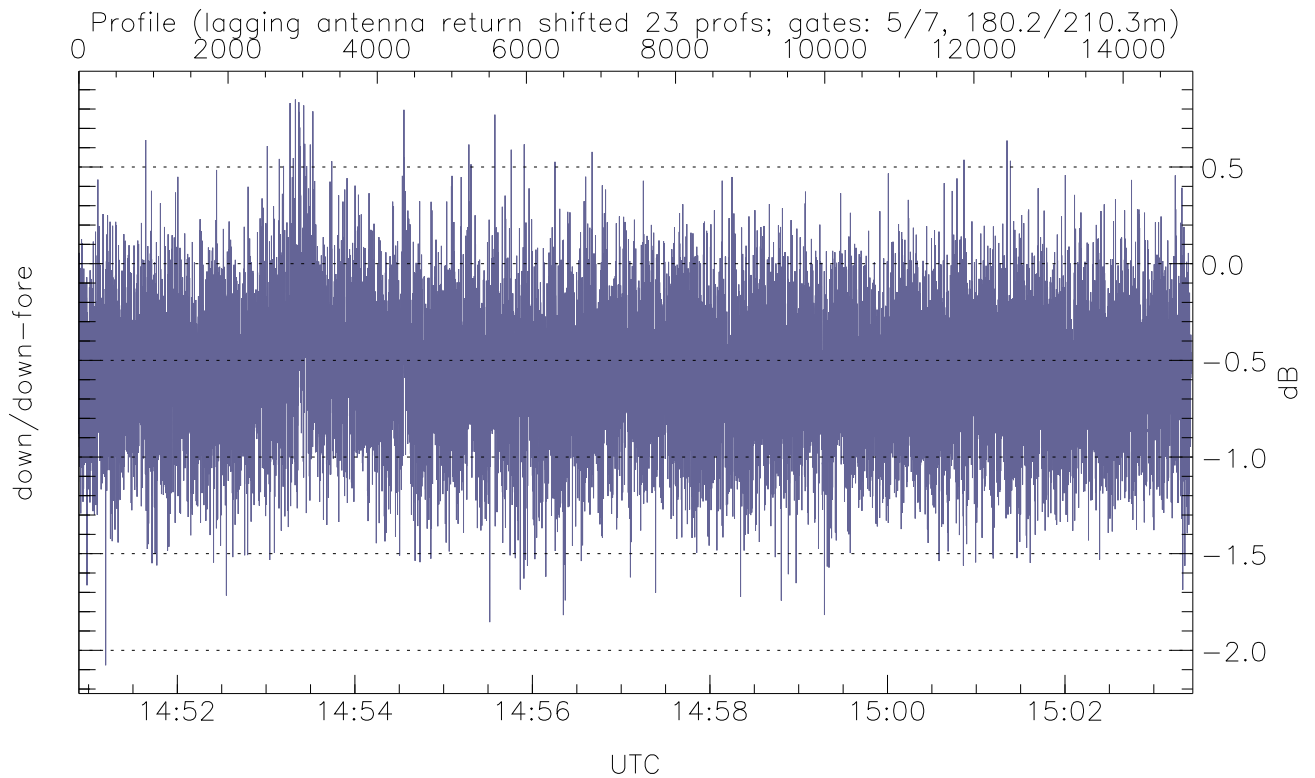
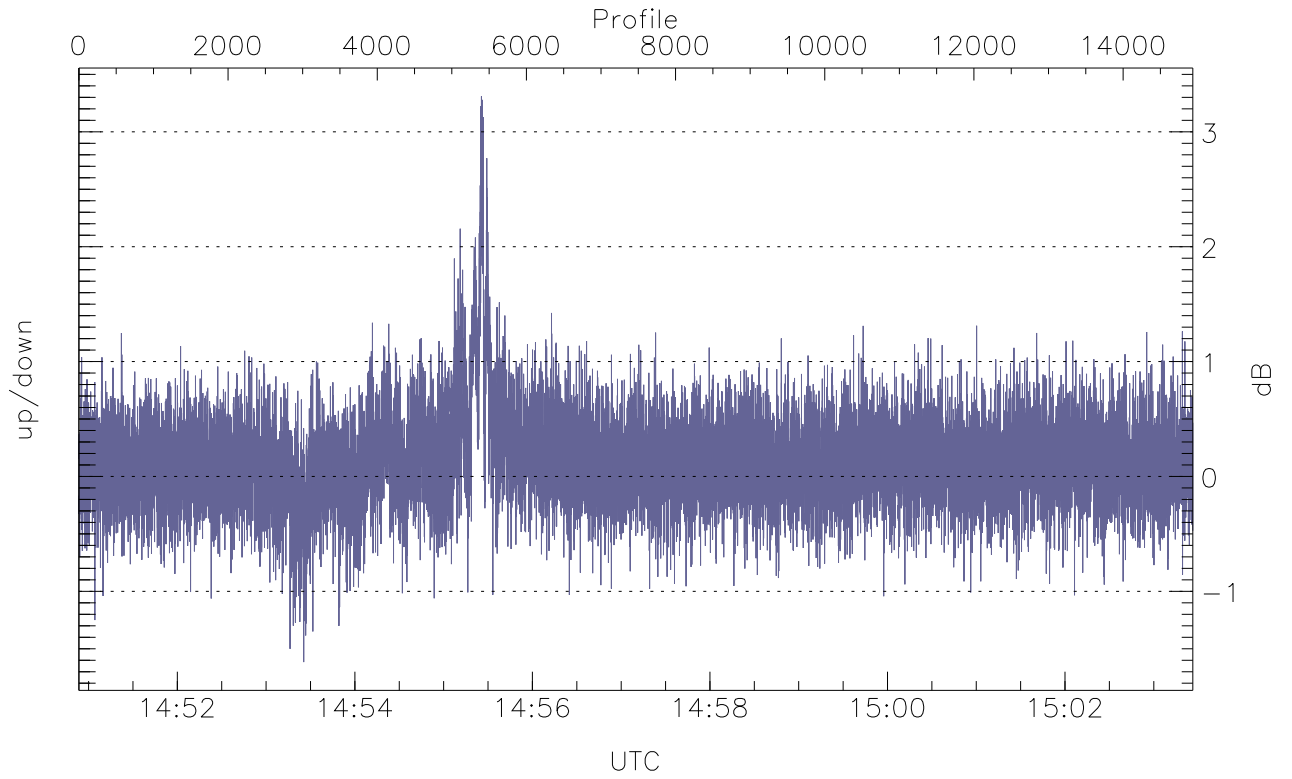


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



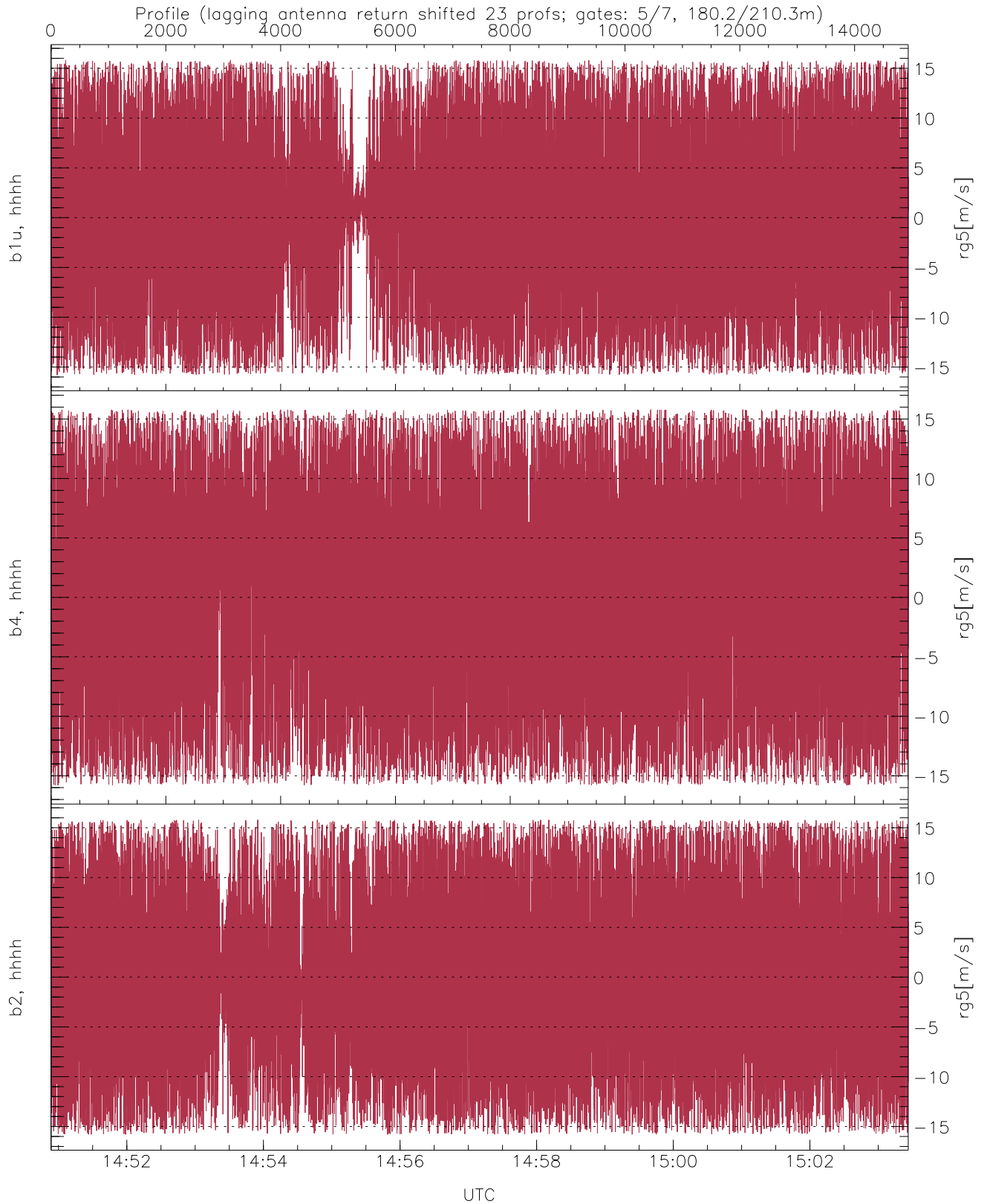
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.49	-59.26	-62.49
down-fore(hh[dBm])	-62.97	-60.92	-62.05
down(hh[dBm])	-63.70	-60.80	-62.64



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

	Min	Max	Mean
up/down (dB)	-1.62	3.31	0.14
down/down-fore (dB)	-2.08	0.85	-0.57



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.07	8.71
b4, hhhh(rg5[m/s])	-15.80	15.80	0.05	8.97
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.43	8.82