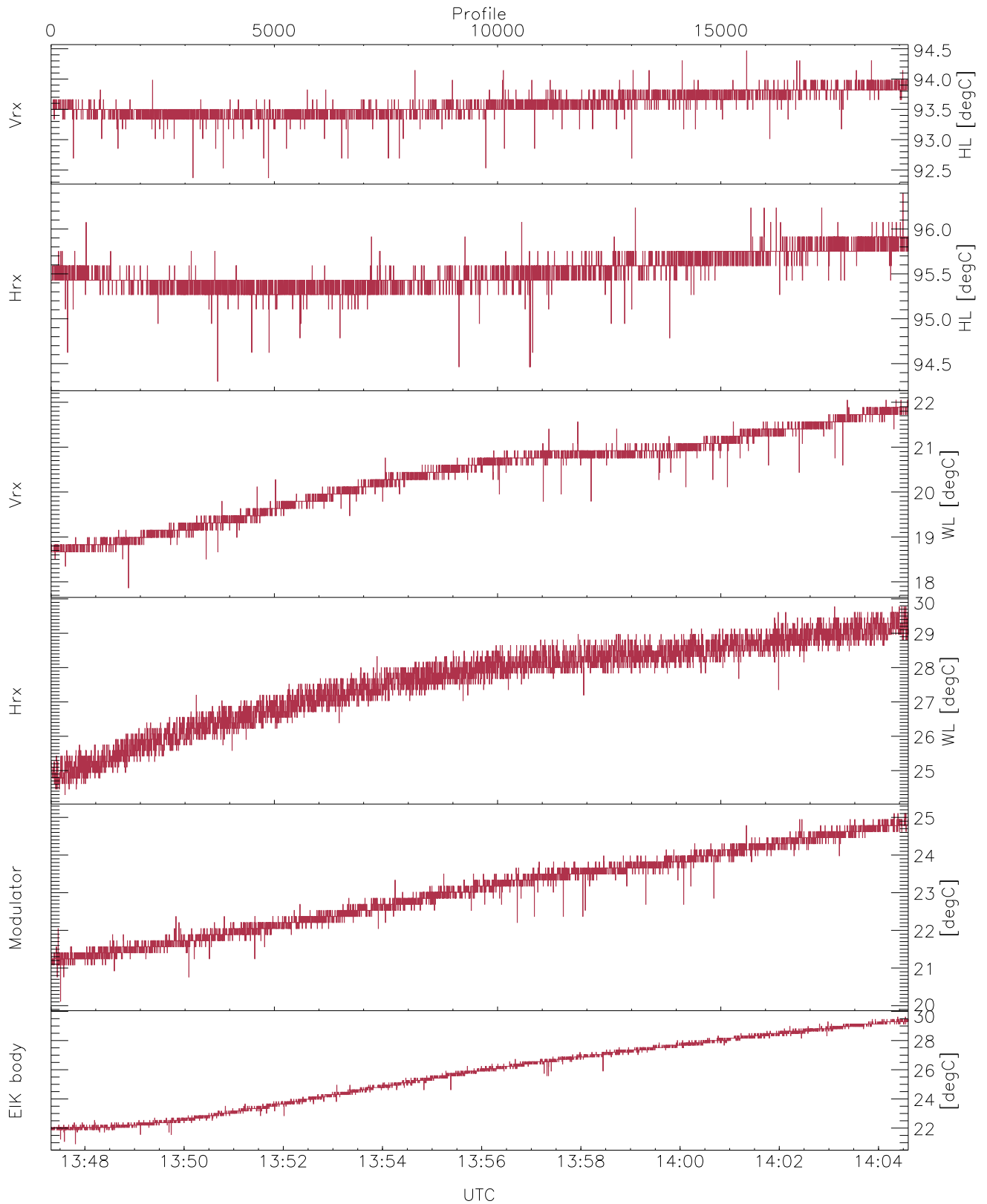


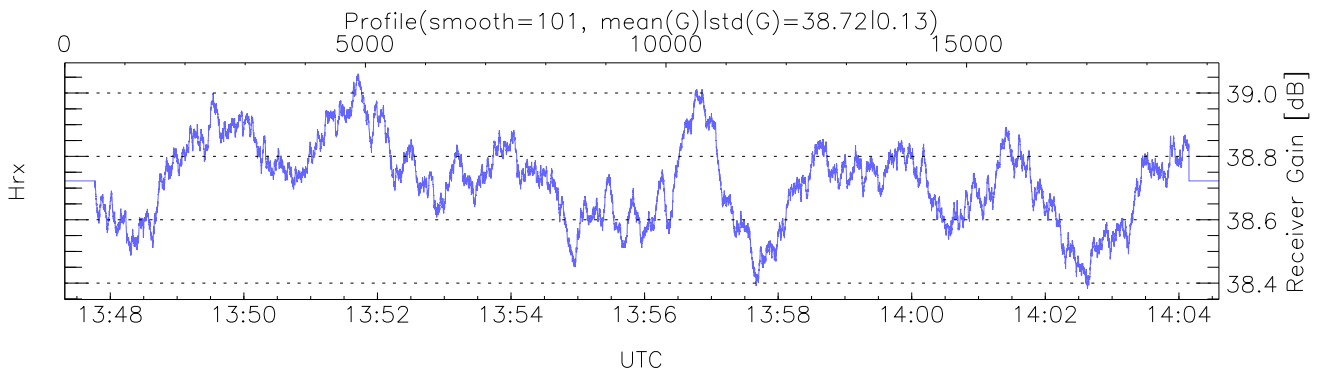
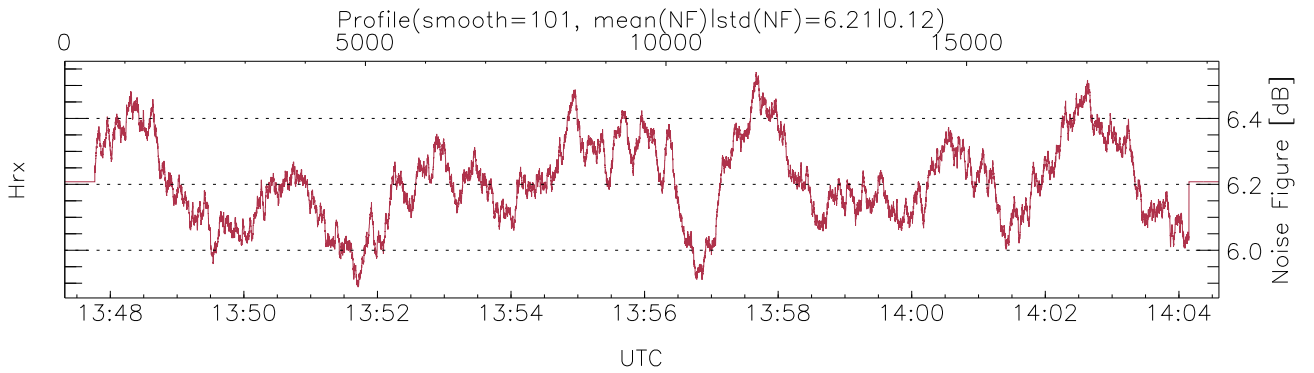
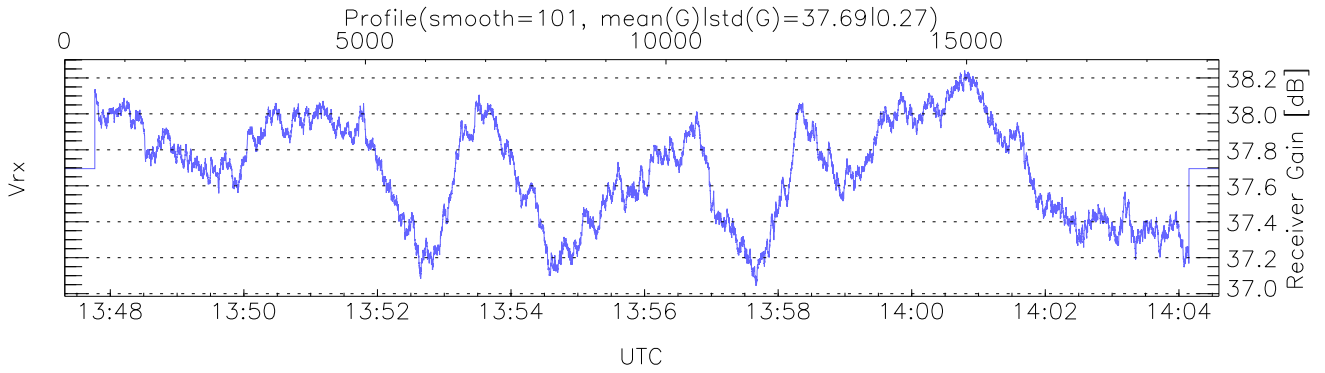
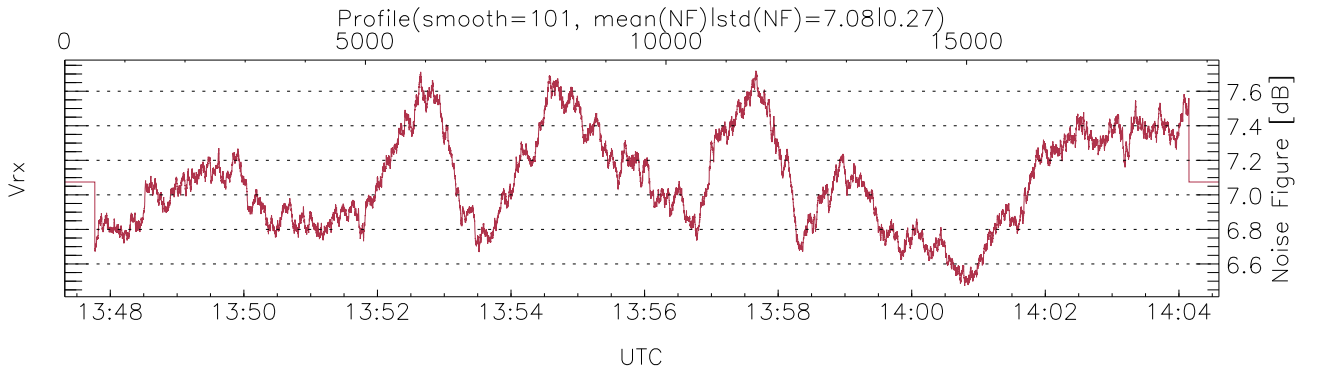
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:47:19-14:04:36, Dur: 1036.90s  
 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): 19198/19198, 0-19197/13:47:19-14:04:36  
 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



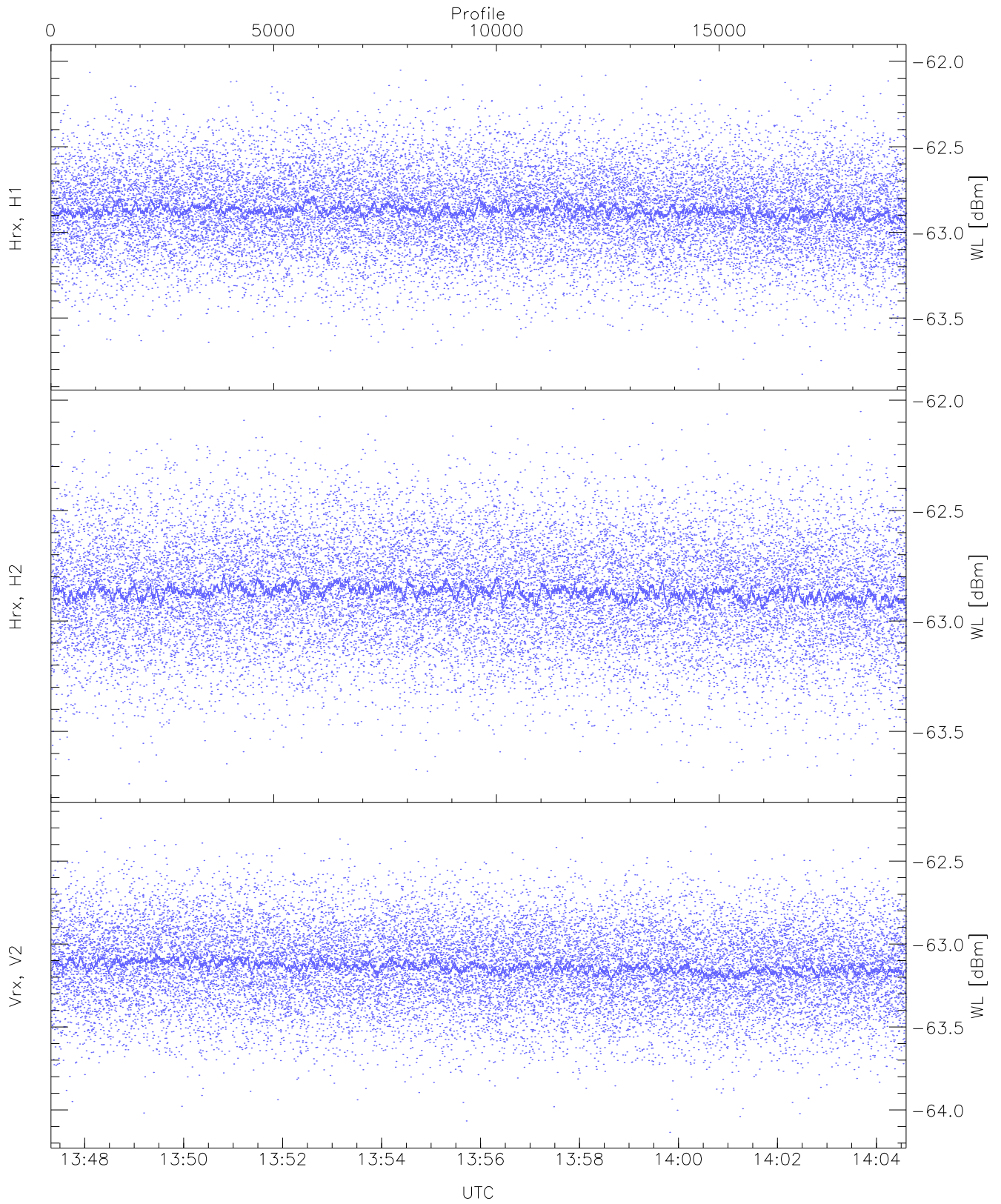
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,24,20,20  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,25,29  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (5,5,10,10,10,20)



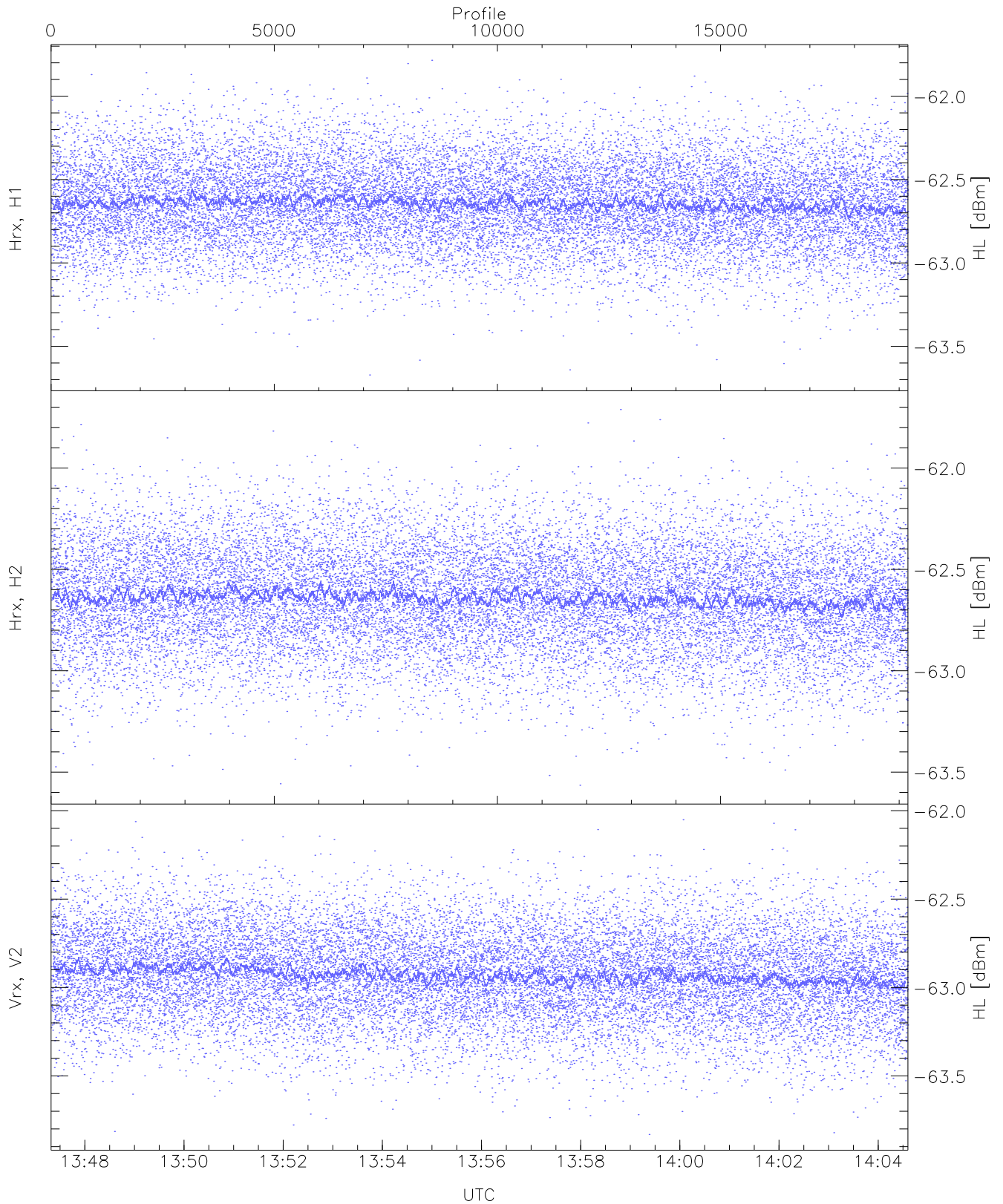
### WCR2 CPP Receivers Gain and Noise Figure

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



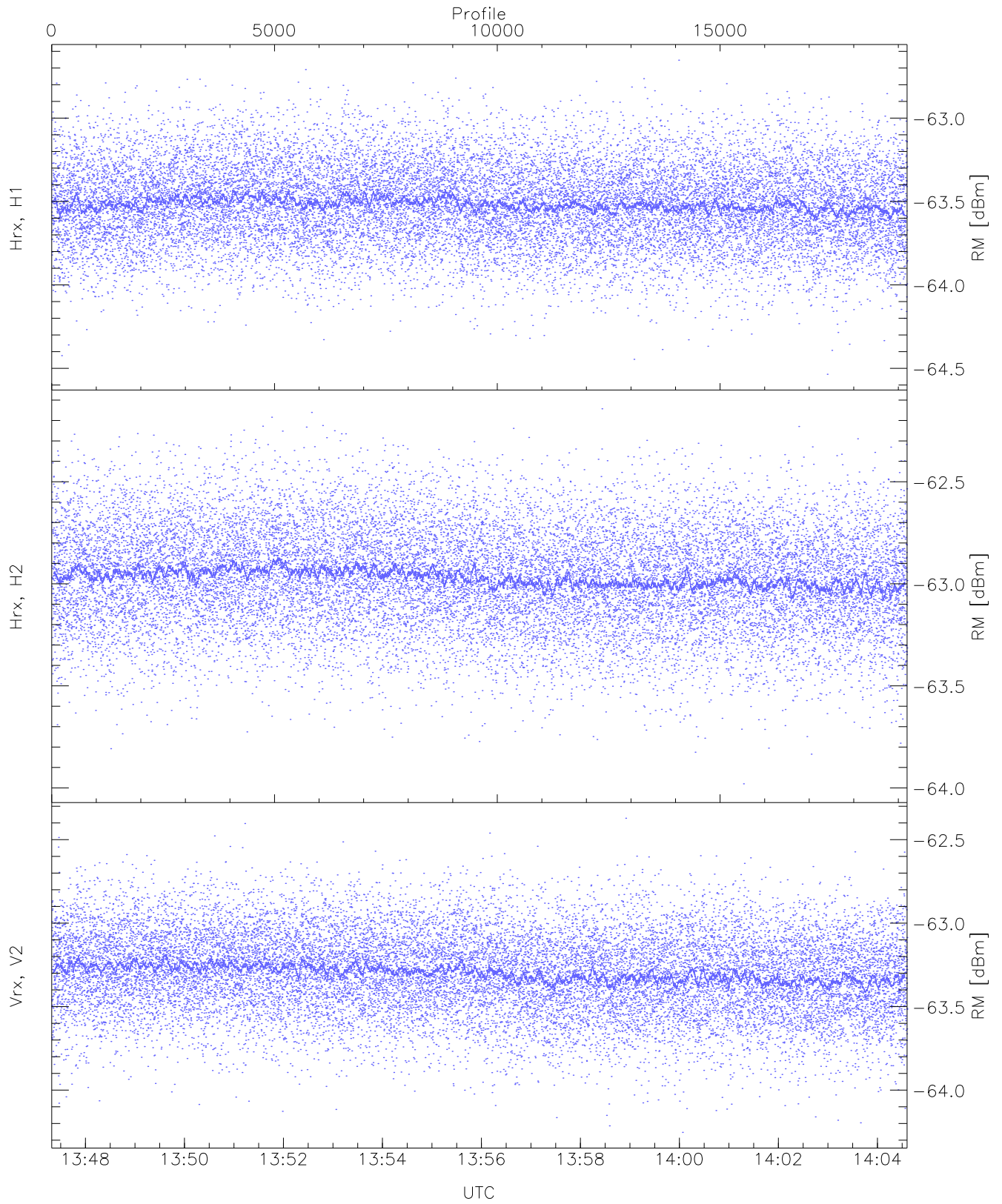
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.83	-61.99	-62.87	-62.87	-75.58
Hrx, H2 (WL [dBm])	-63.74	-62.04	-62.87	-62.87	-75.60
Vrx, V2 (WL [dBm])	-64.14	-62.24	-63.13	-63.14	-75.78



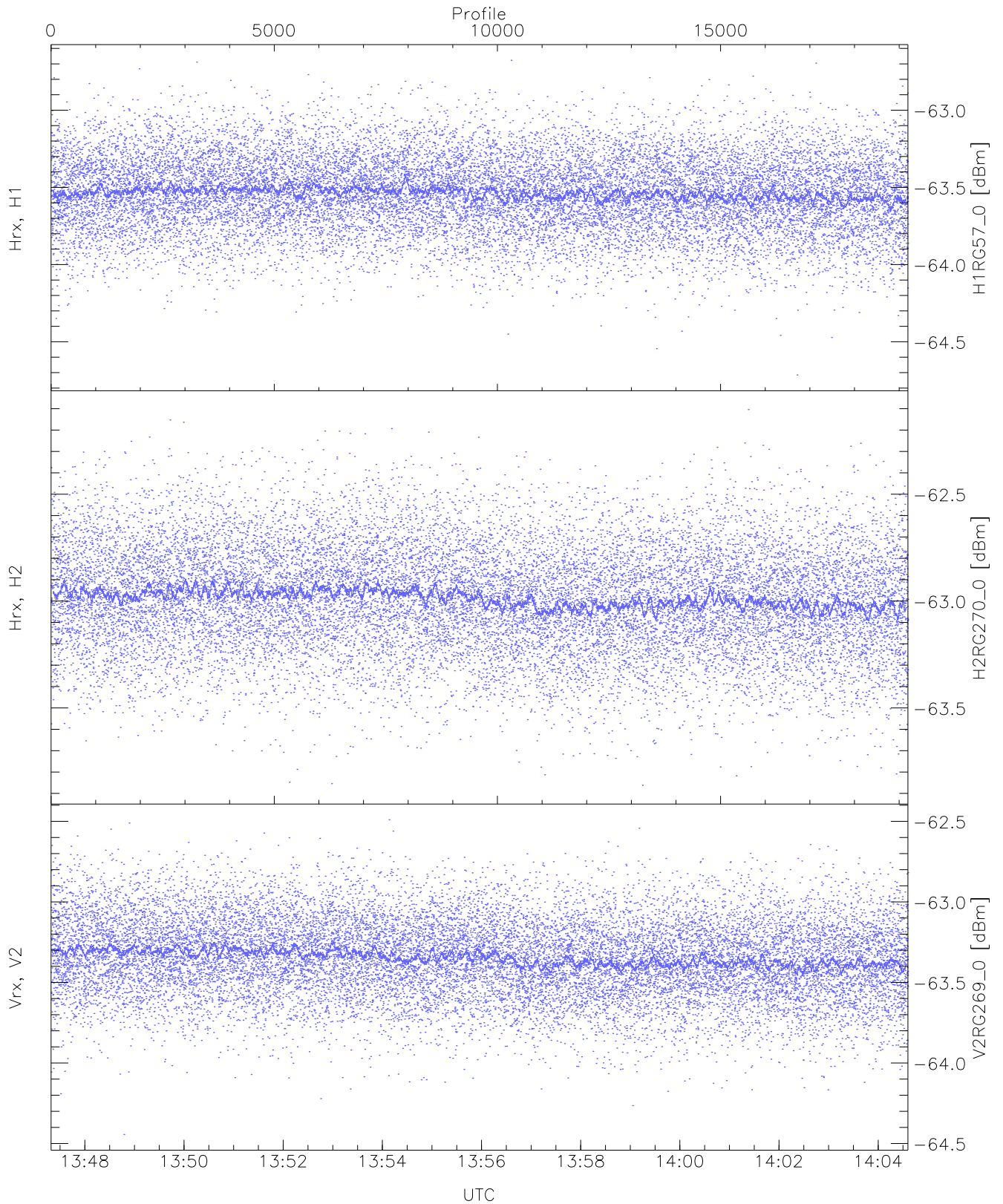
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.67	-61.78	-62.64	-62.65	-75.31
Hrx, H2 (HL [dBm])	-63.56	-61.71	-62.64	-62.64	-75.33
Vrx, V2 (HL [dBm])	-63.83	-62.05	-62.93	-62.93	-75.62



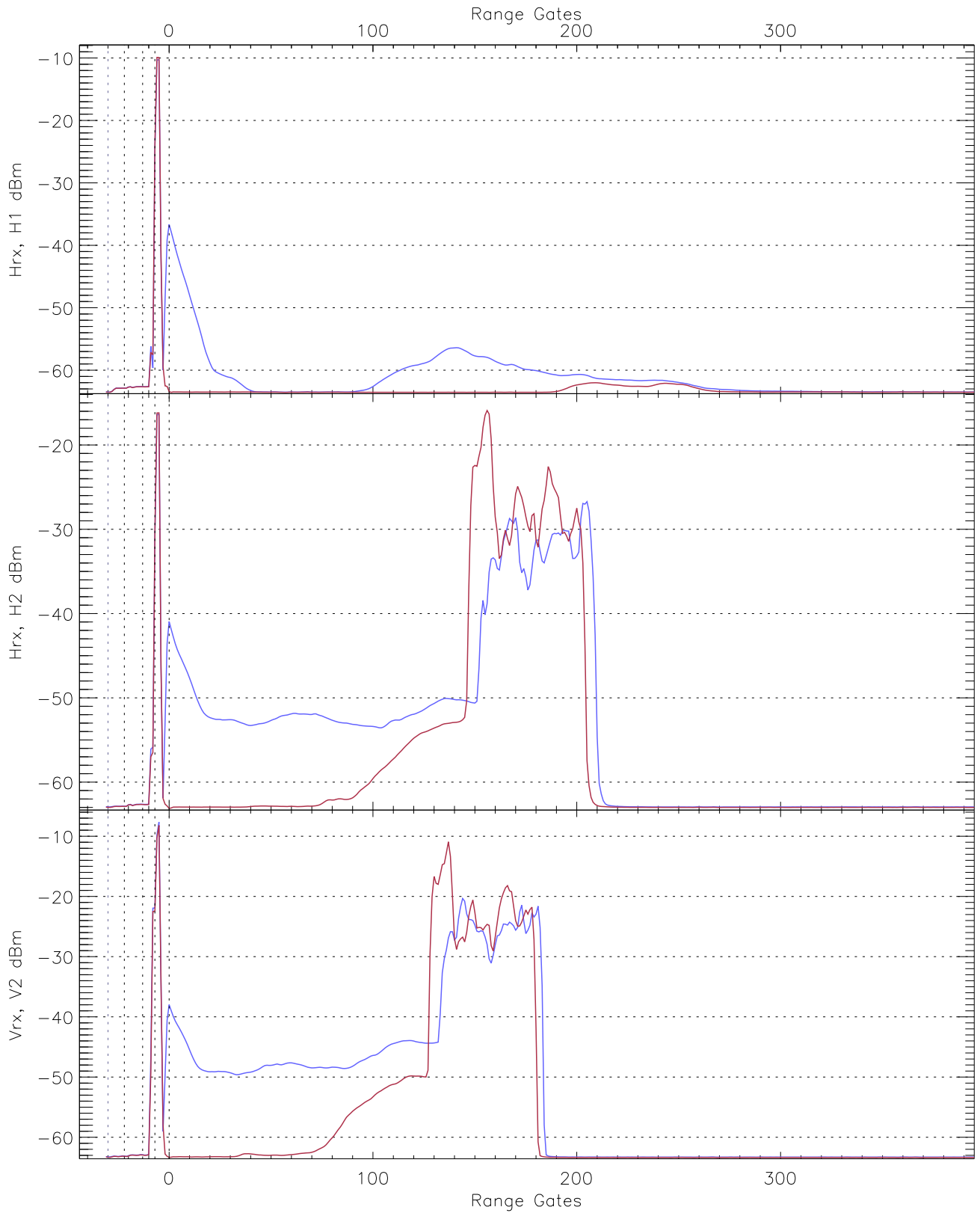
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.54	-62.65	-63.51	-63.52	-76.21
Hrx, H2 (RM [dBm])	-63.98	-62.14	-62.97	-62.97	-75.65
Vrx, V2 (RM [dBm])	-64.25	-62.37	-63.29	-63.30	-75.96



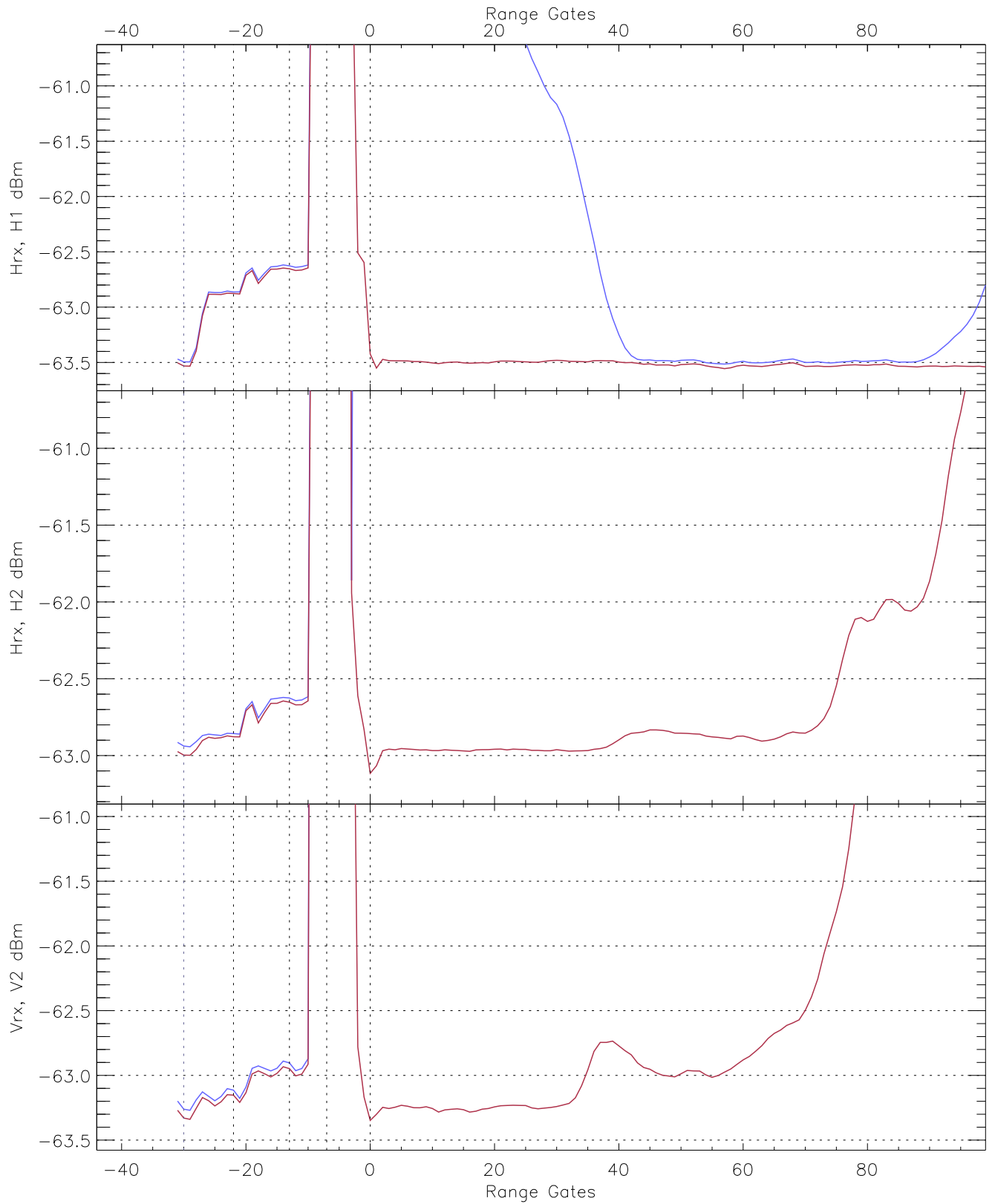
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG57_0 [dBm]	-64.72	-62.68	-63.54	-63.54	-76.23
H2RG270_0 [dBm]	-63.86	-62.10	-62.98	-62.99	-75.64
V2RG269_0 [dBm]	-64.44	-62.49	-63.34	-63.35	-76.01

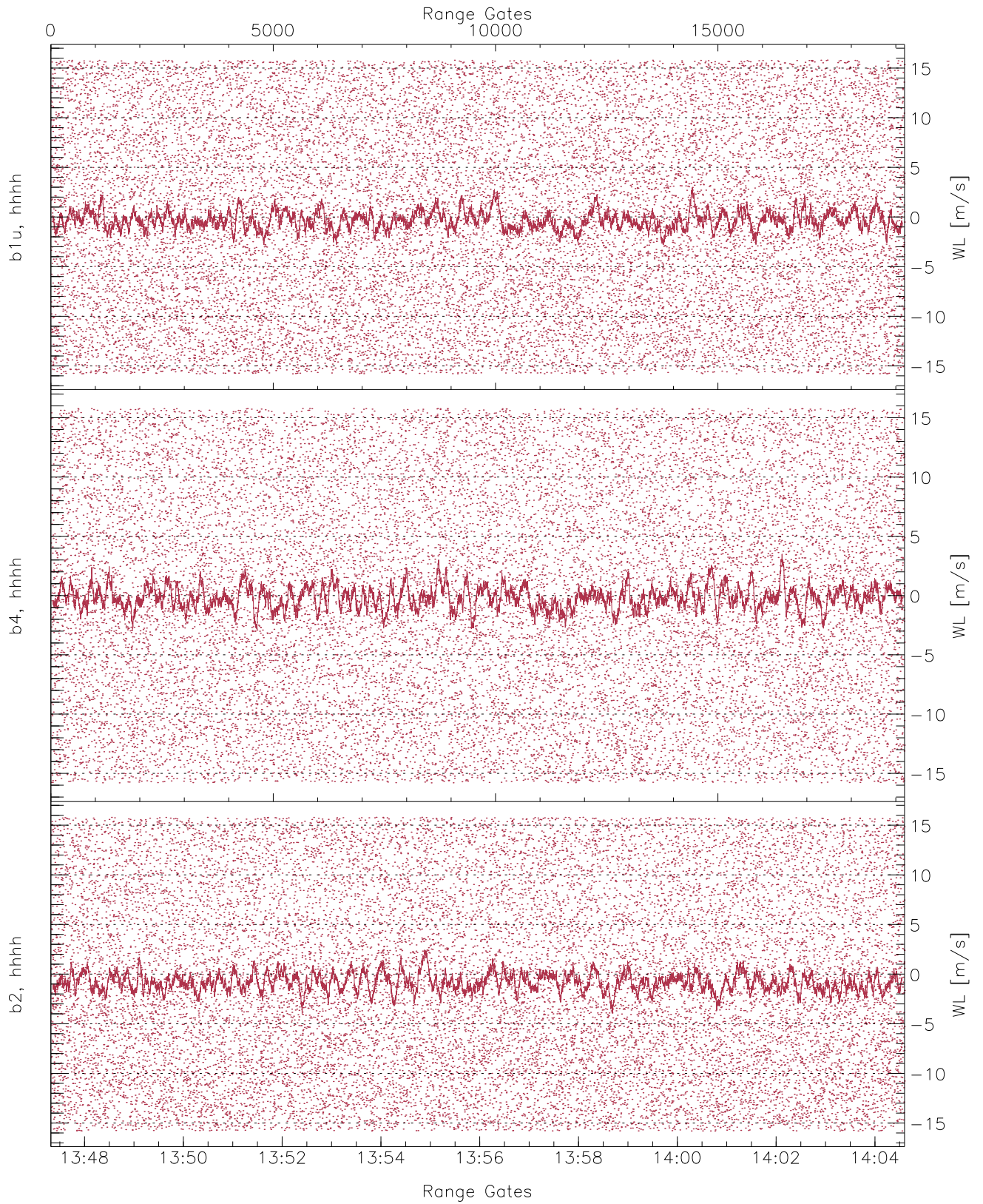


WCR2 CPP Averaged Received power for all recorded gates  
blue: 134719-135558, 9600 profiles averaged  
red: 135558-140436, 9599 profiles averaged

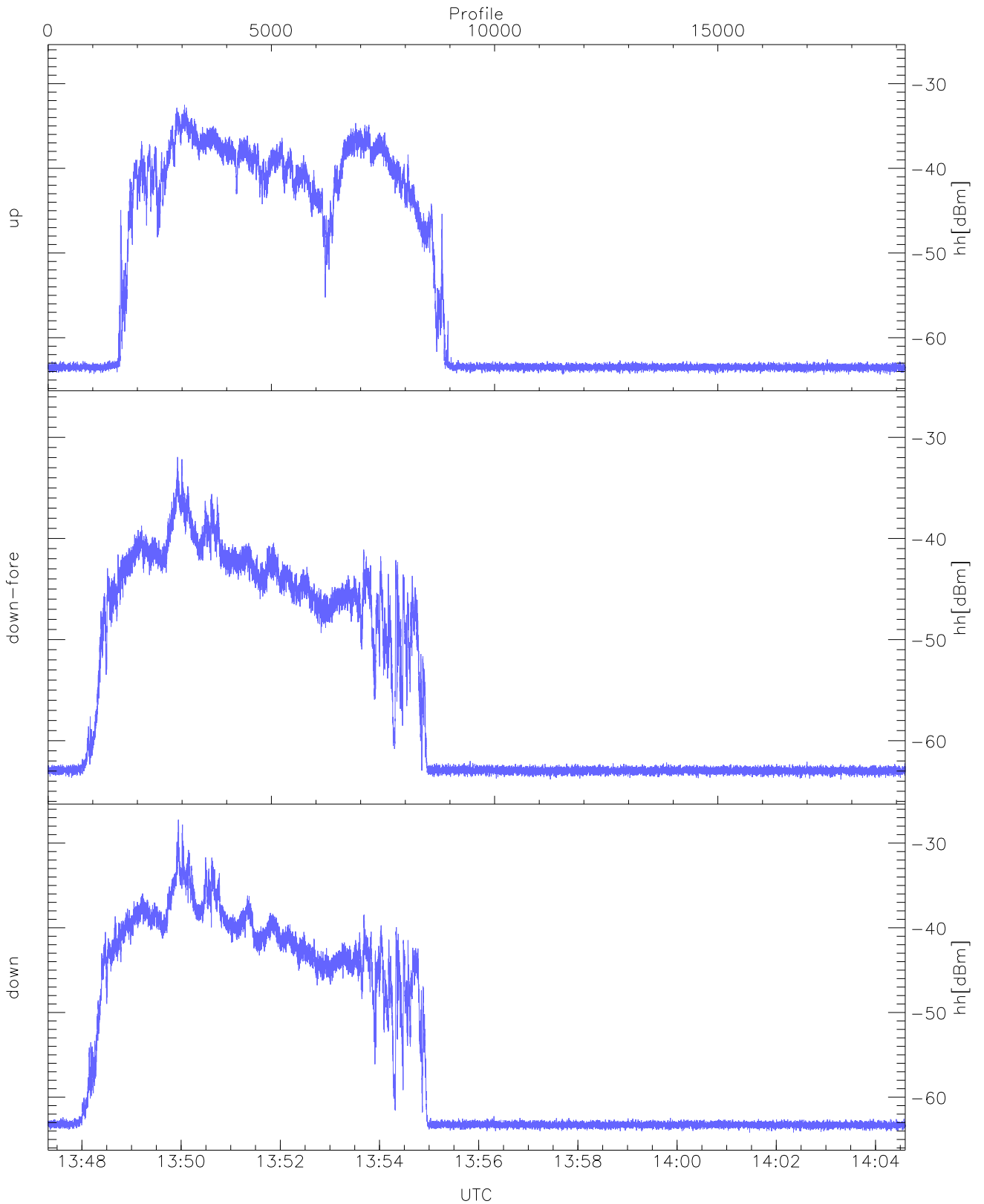




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 134719-135558, 9600 profiles averaged  
red: 135558-140436, 9599 profiles averaged

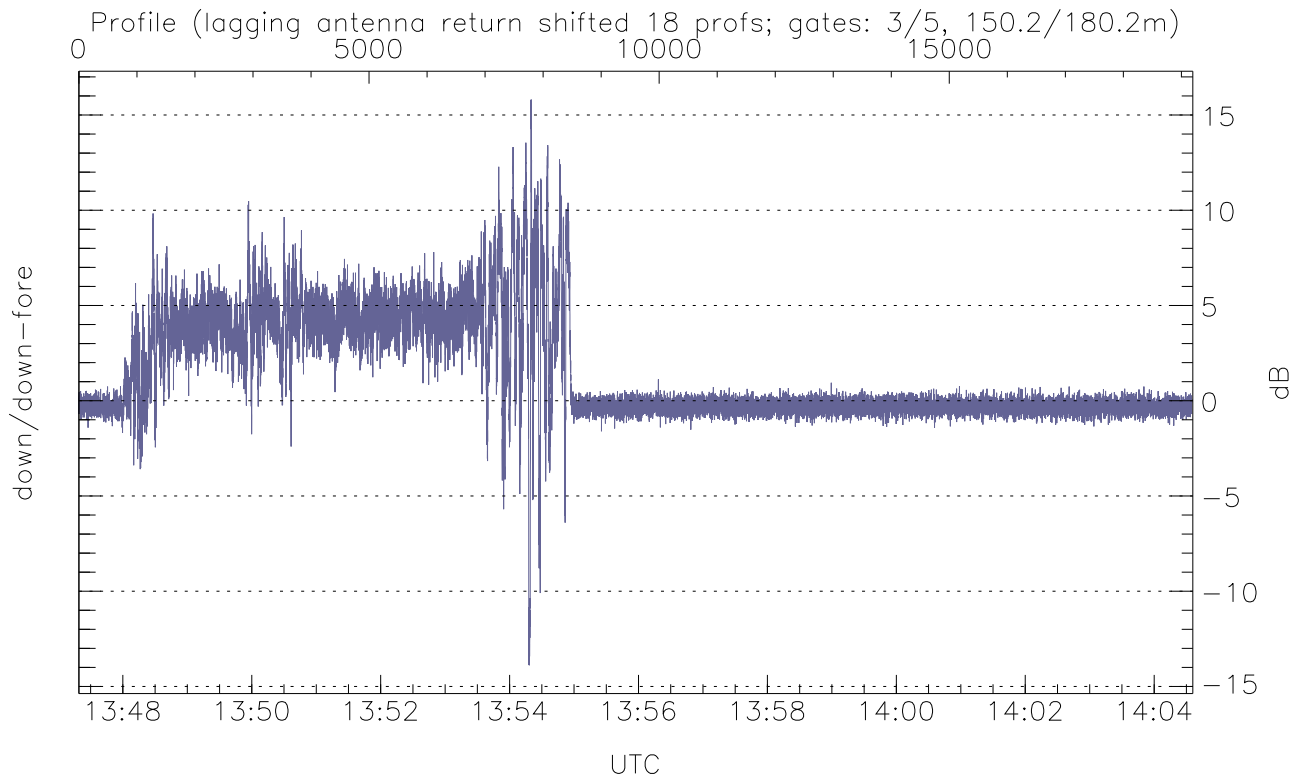
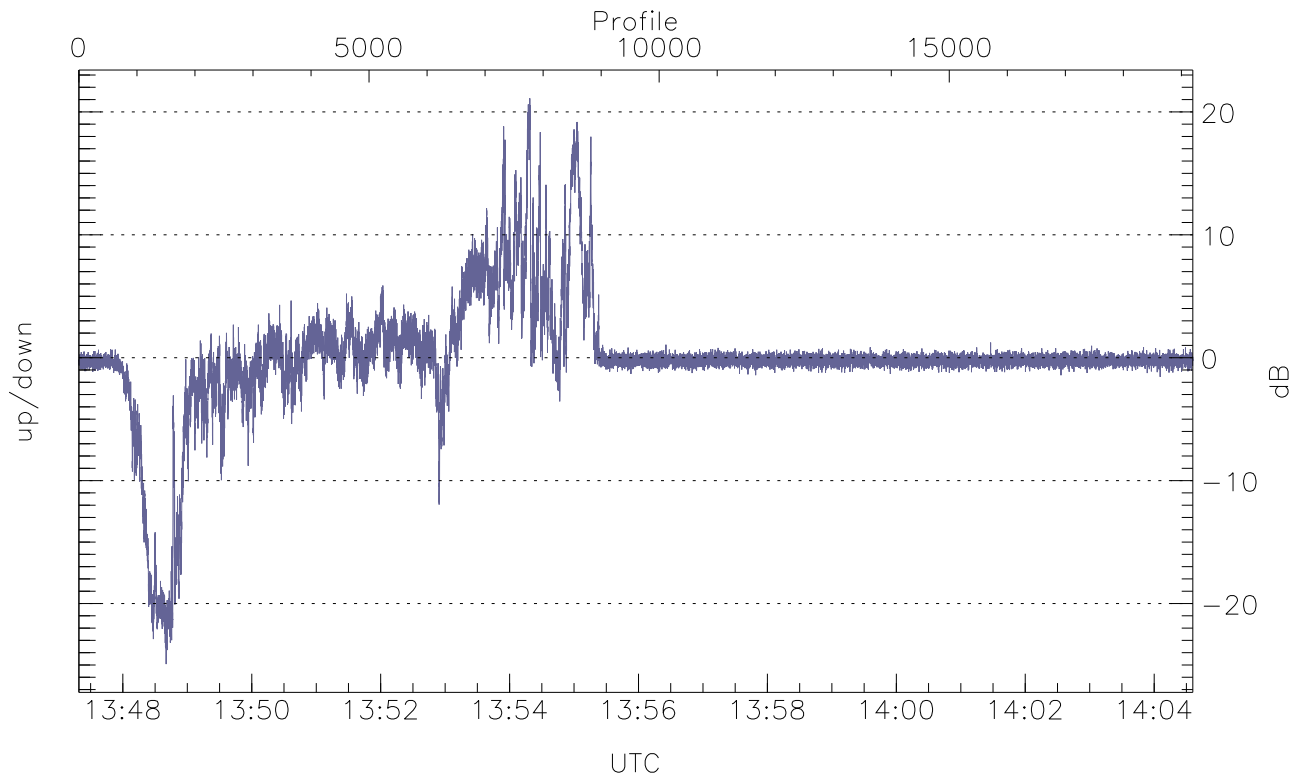


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



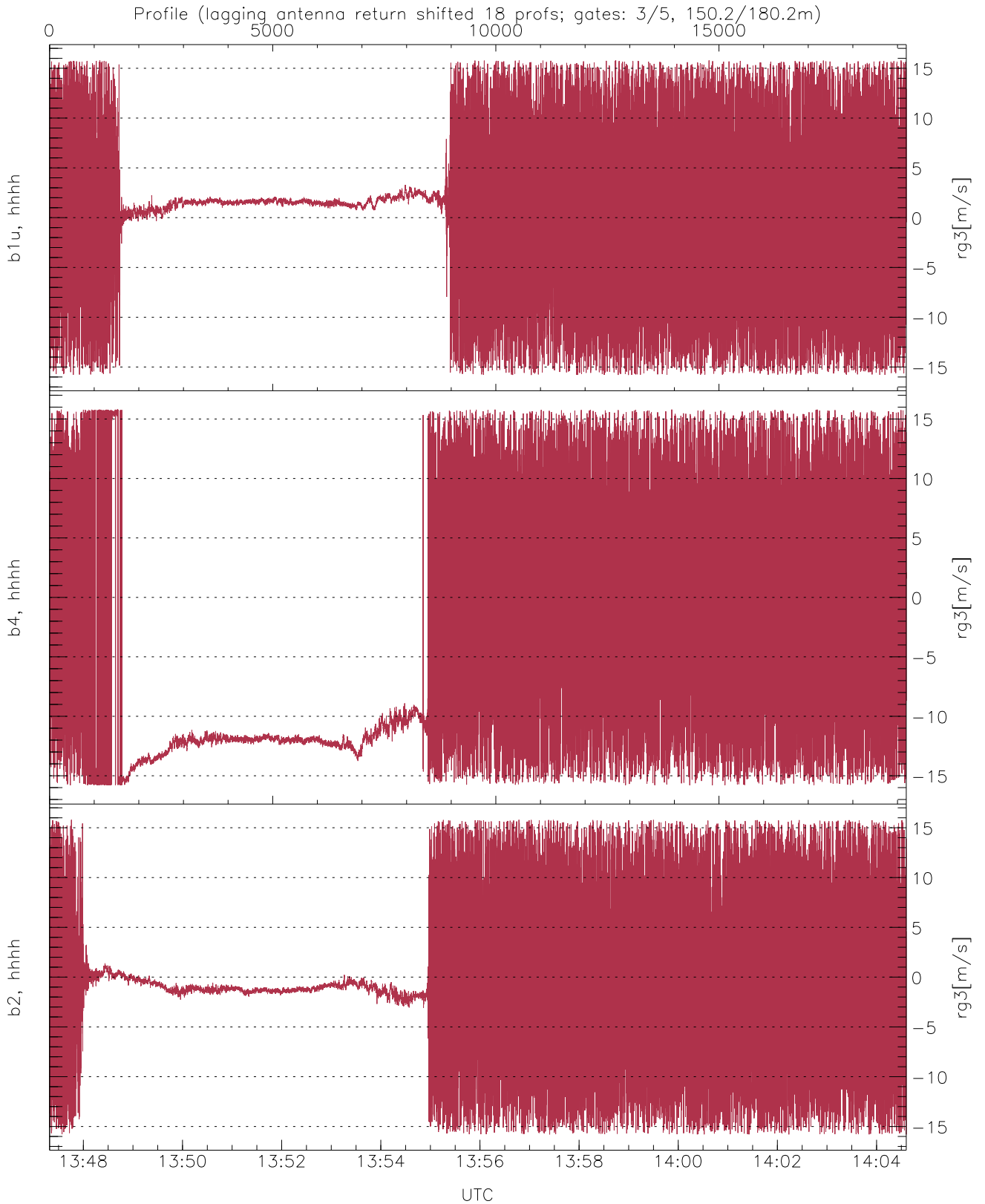
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.41	-32.51	-43.33
down-fore(hh[dBm])	-63.84	-31.95	-46.53
down(hh[dBm])	-64.17	-27.25	-43.66



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

	Min	Max	Mean
up/down (dB)	-24.93	21.10	-0.04
down/down-fore (dB)	-13.89	15.81	1.45



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	0.38	7.05
b4, hhhh(rg3[m/s])	-15.80	15.80	-4.54	9.60
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.72	6.95