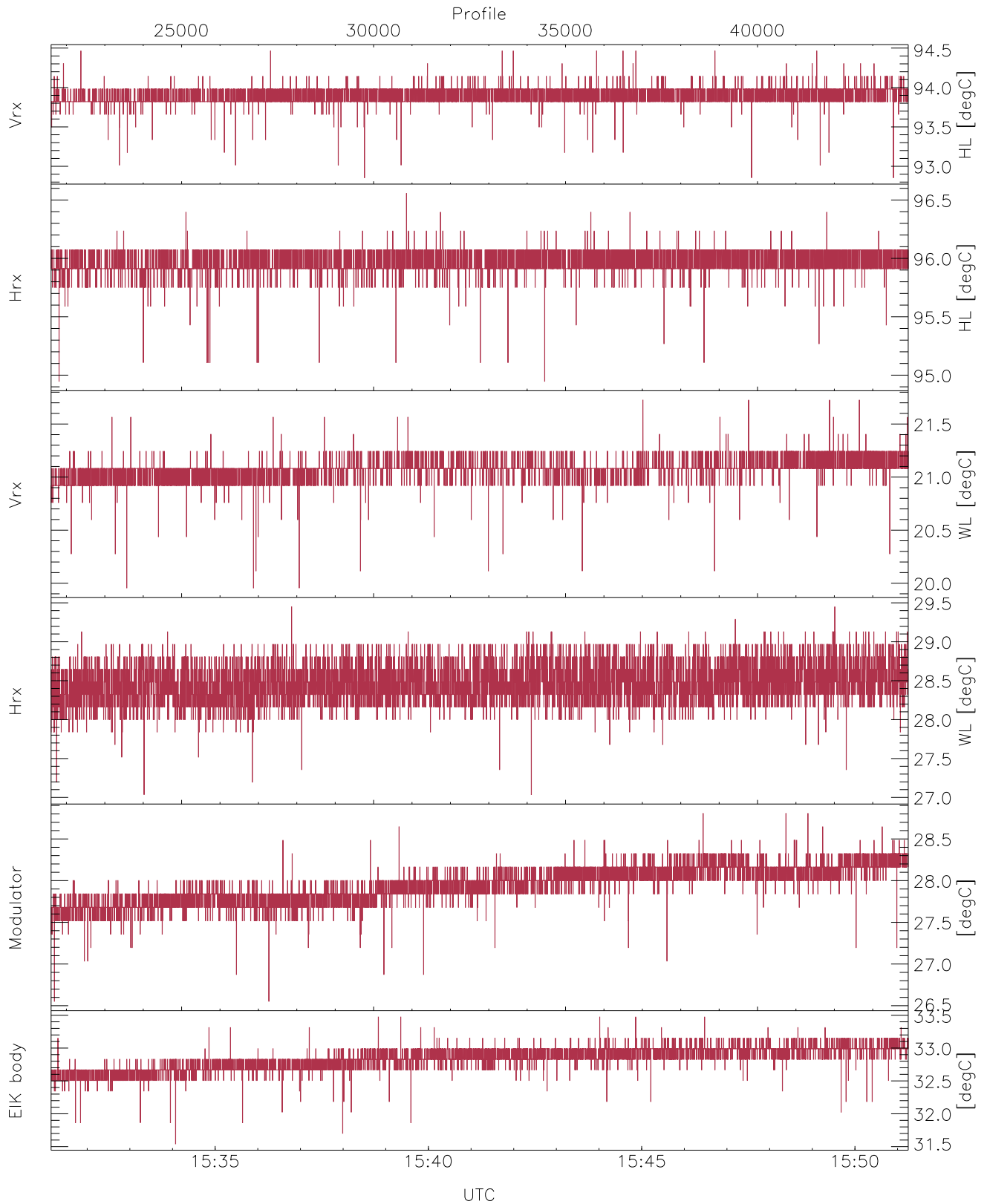


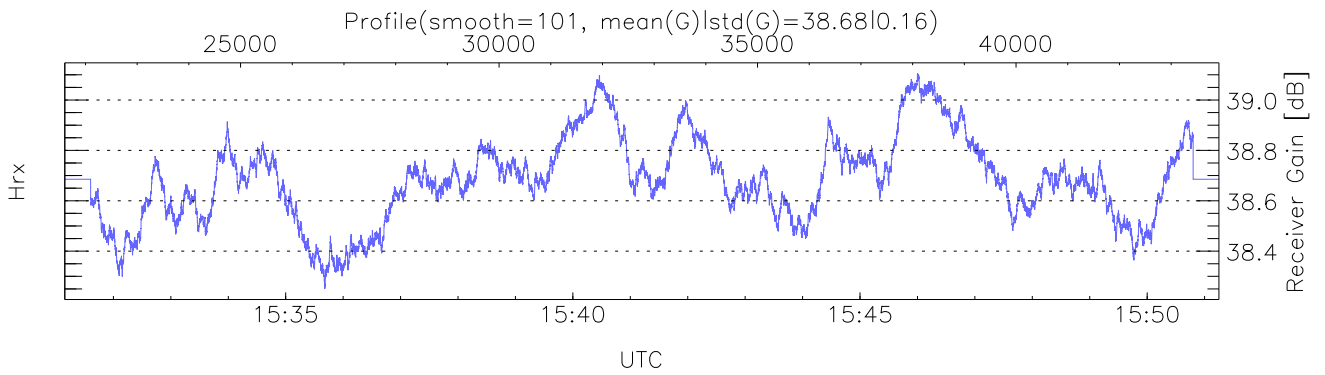
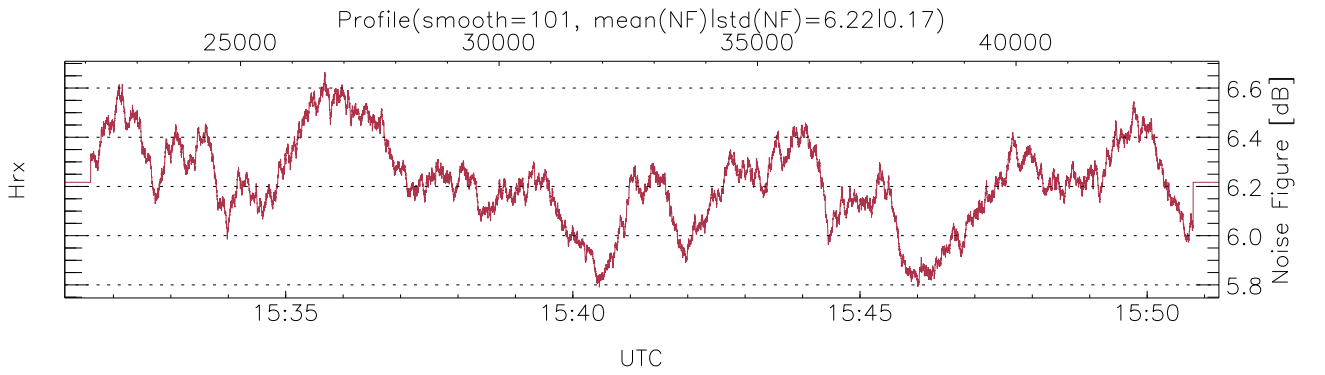
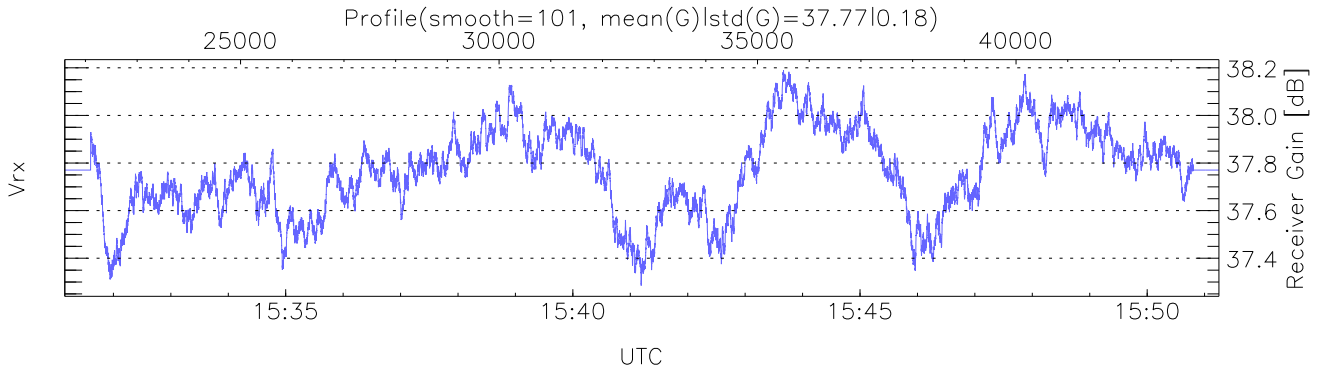
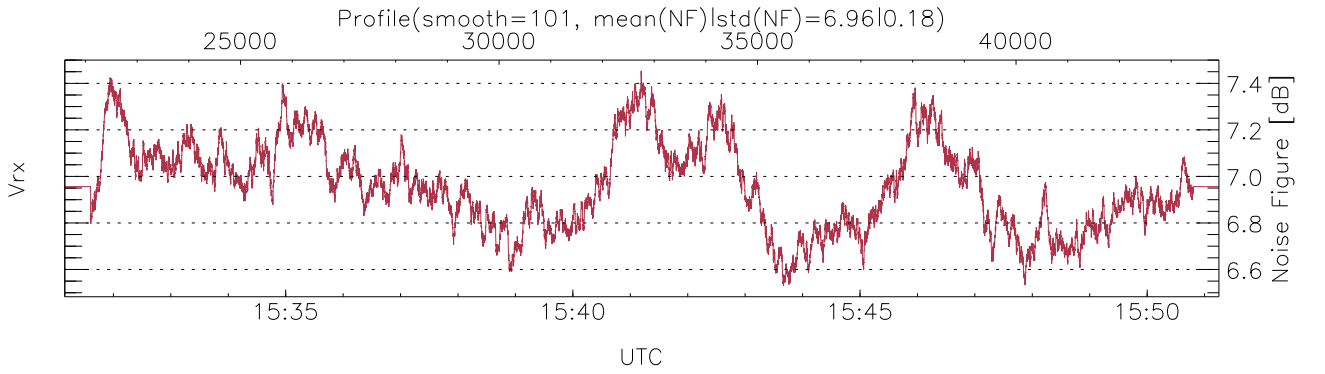
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:11:42-15:51:15, Dur: 2372.54s
 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): 22326/43926, 21600-43925/15:31:09-15:51:15
 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(-910|112,3,9x = no mirror|sidelup|error): 1



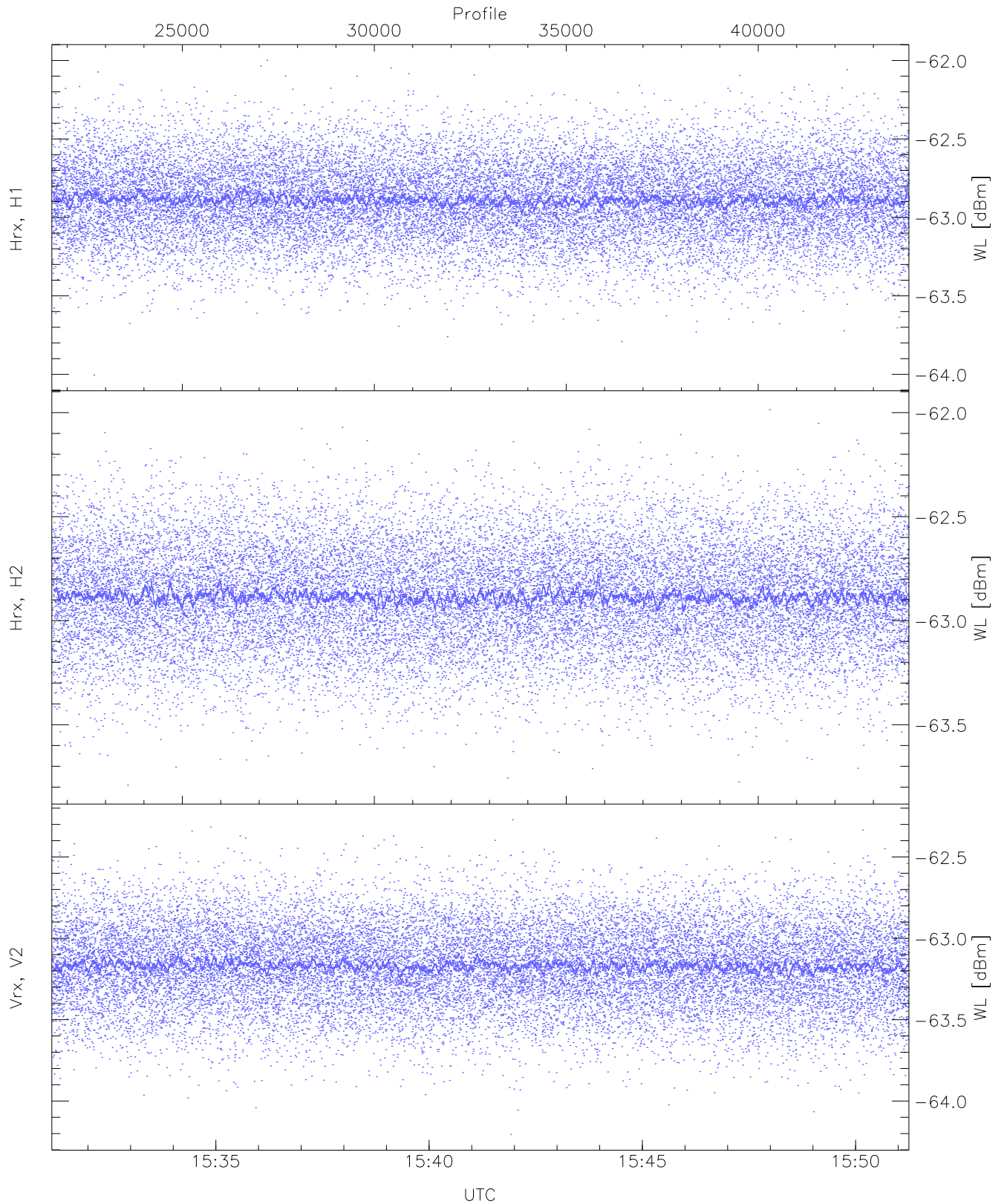
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,27,26,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,28,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,25,25,25,20,19)



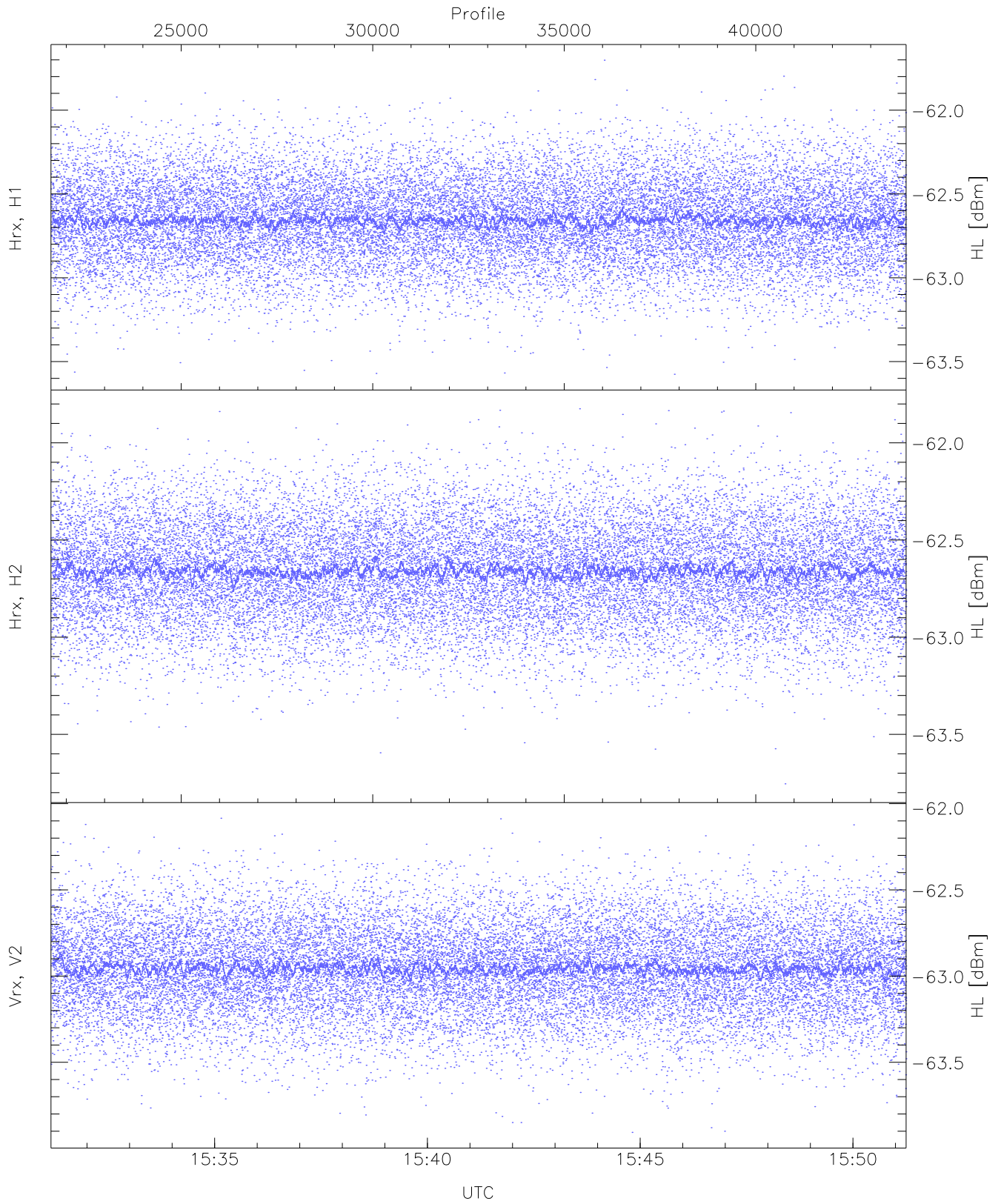
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3589 pixs, 75 gates, 3491 profs, 2 prods



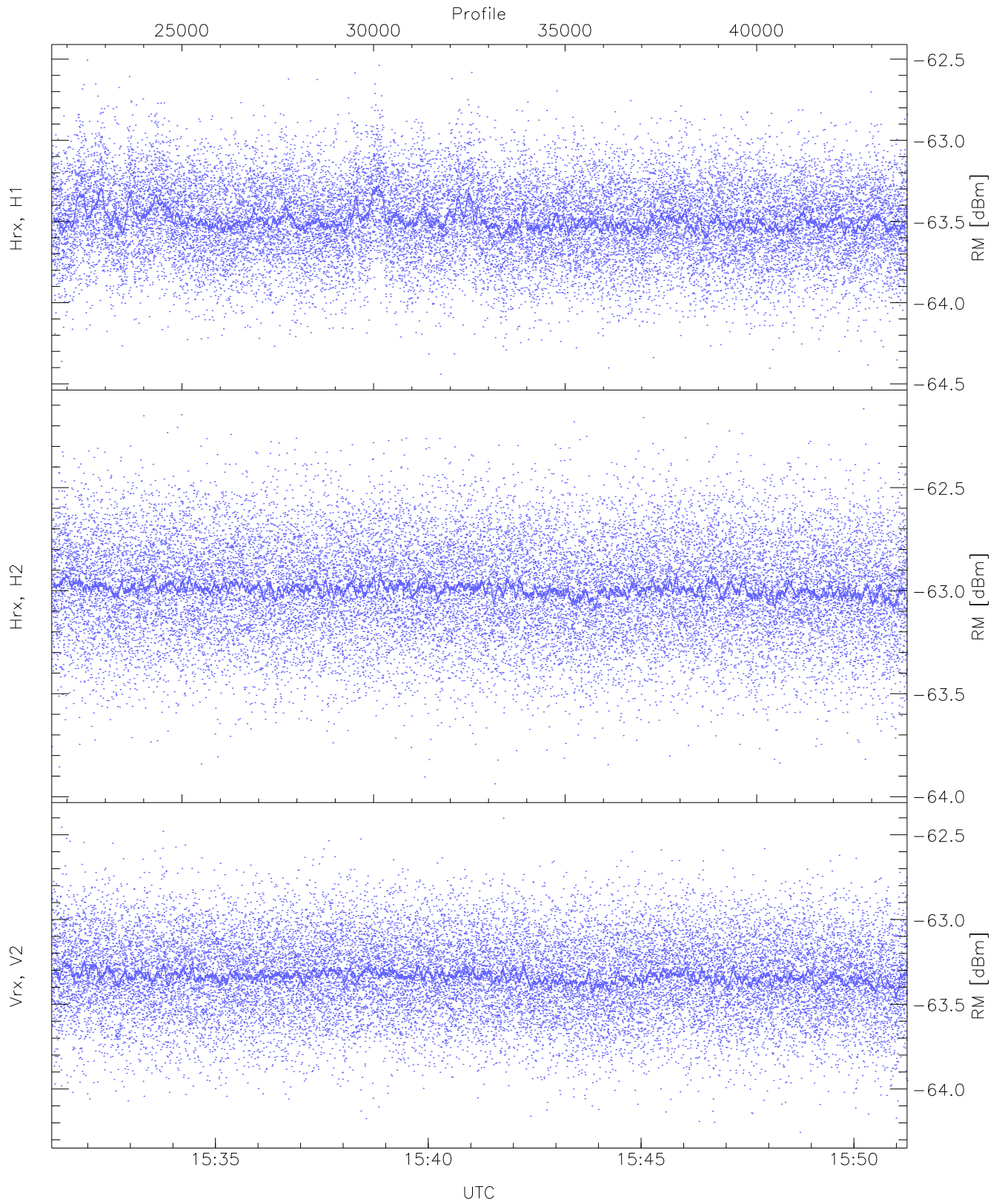
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.00	-62.00	-62.88	-62.89	-75.60
Hrx, H2(WL [dBm])	-63.79	-61.99	-62.88	-62.89	-75.63
Vrx, V2(WL [dBm])	-64.21	-62.27	-63.17	-63.17	-75.84



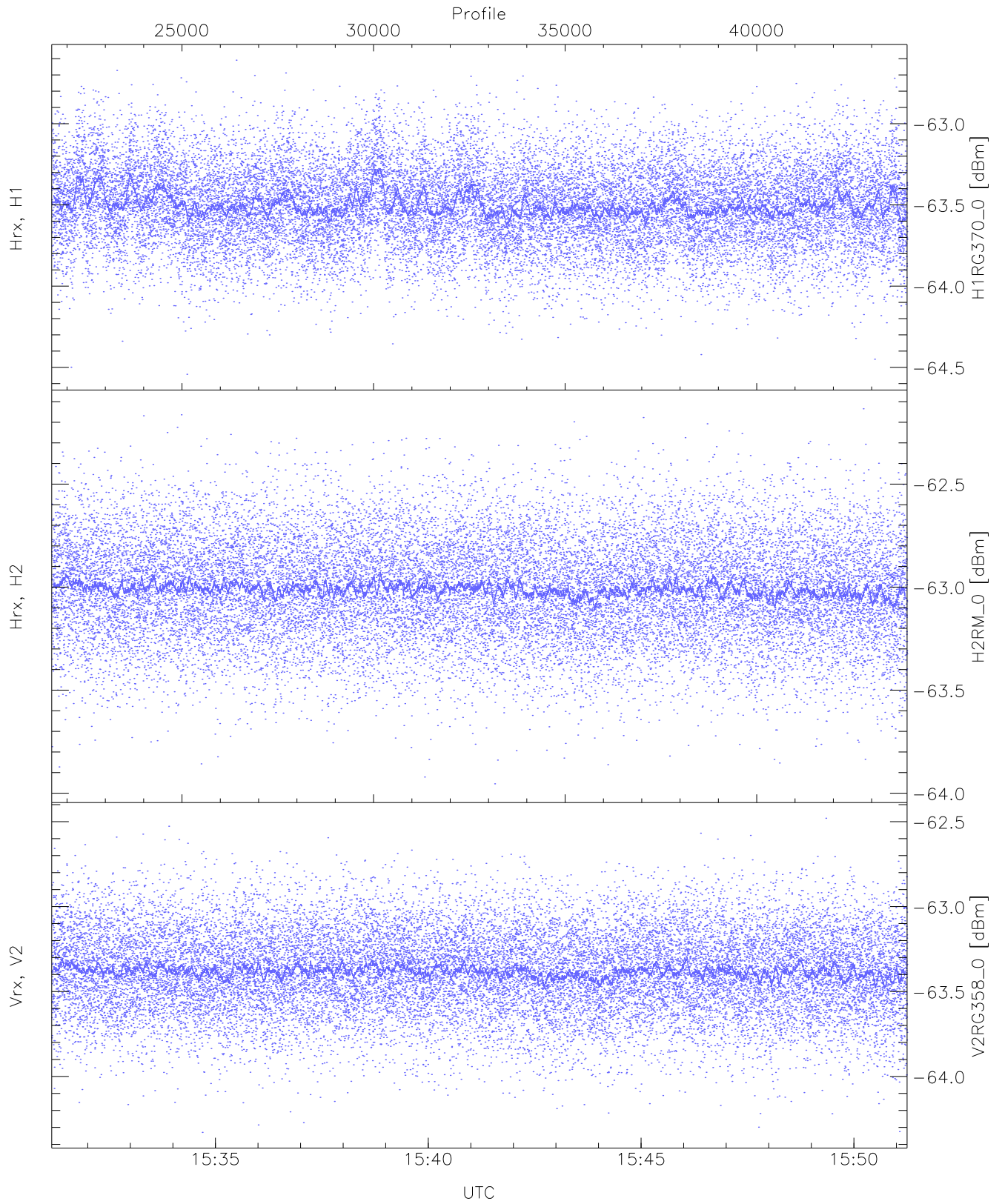
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.58	-61.70	-62.66	-62.66	-75.38
Hrx, H2 (HL [dBm])	-63.75	-61.82	-62.66	-62.66	-75.35
Vrx, V2 (HL [dBm])	-63.91	-62.08	-62.95	-62.96	-75.62



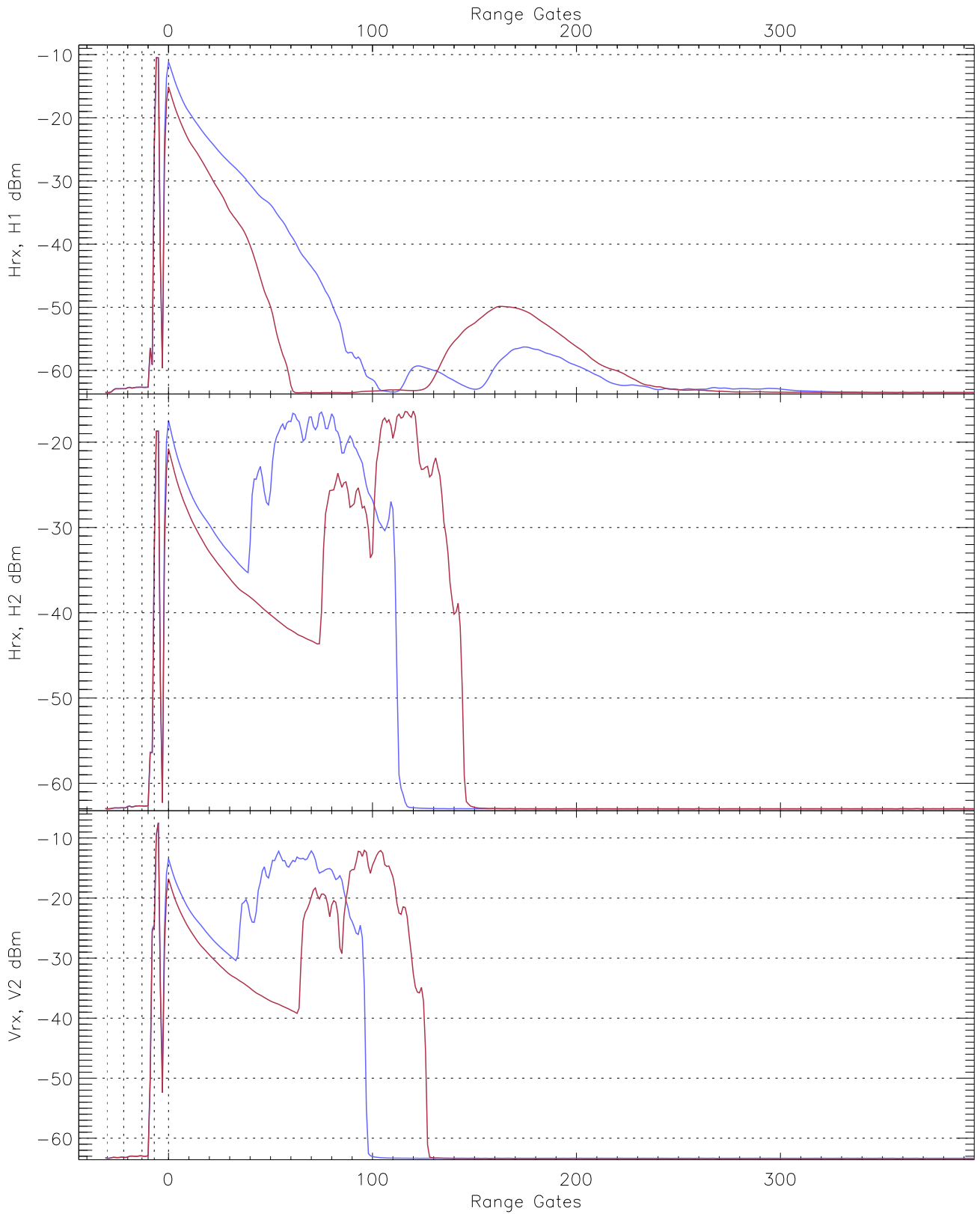
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.44	-62.51	-63.49	-63.50	-76.10
Hrx, H2 (RM [dBm])	-63.94	-62.12	-62.99	-62.99	-75.68
Vrx, V2 (RM [dBm])	-64.26	-62.40	-63.33	-63.34	-76.03

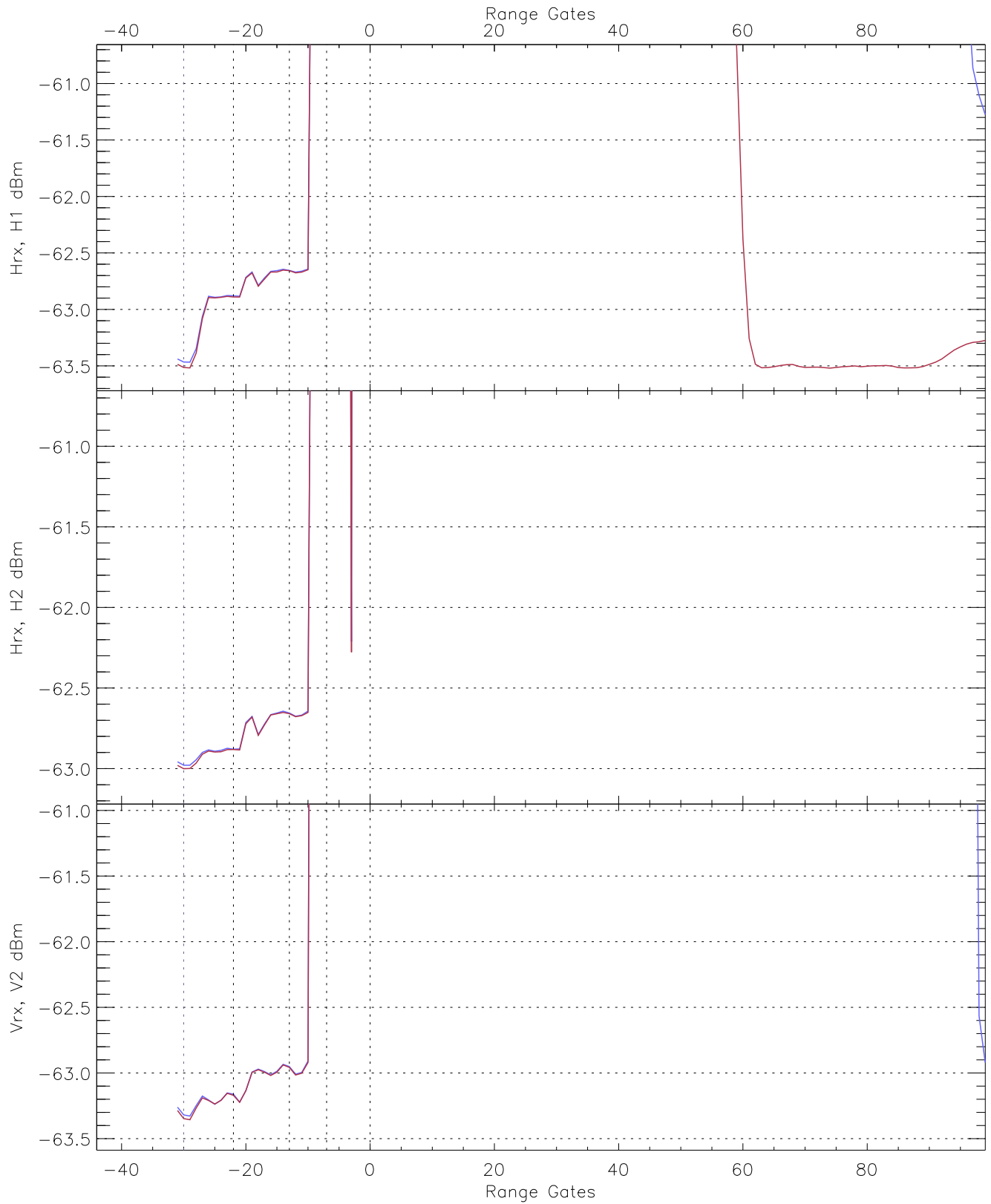


WCR2 CPP "Best" estimate Receivers Noise Power

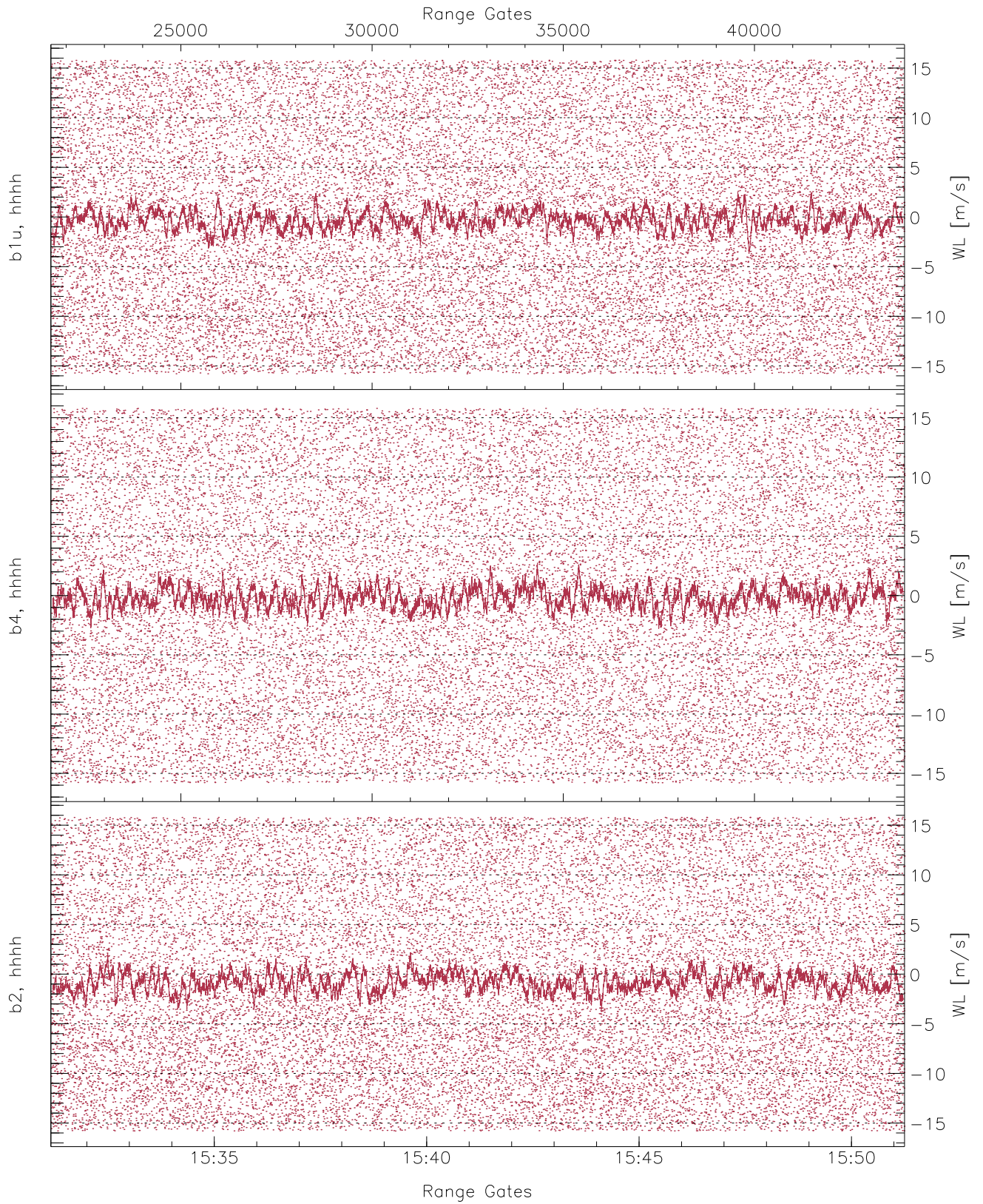
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.54	-62.61	-63.50	-63.50	-76.07
H2RM_0 [dBm]	-63.95	-62.13	-63.01	-63.01	-75.69
V2RG358_0 [dBm]	-64.33	-62.48	-63.38	-63.38	-76.05



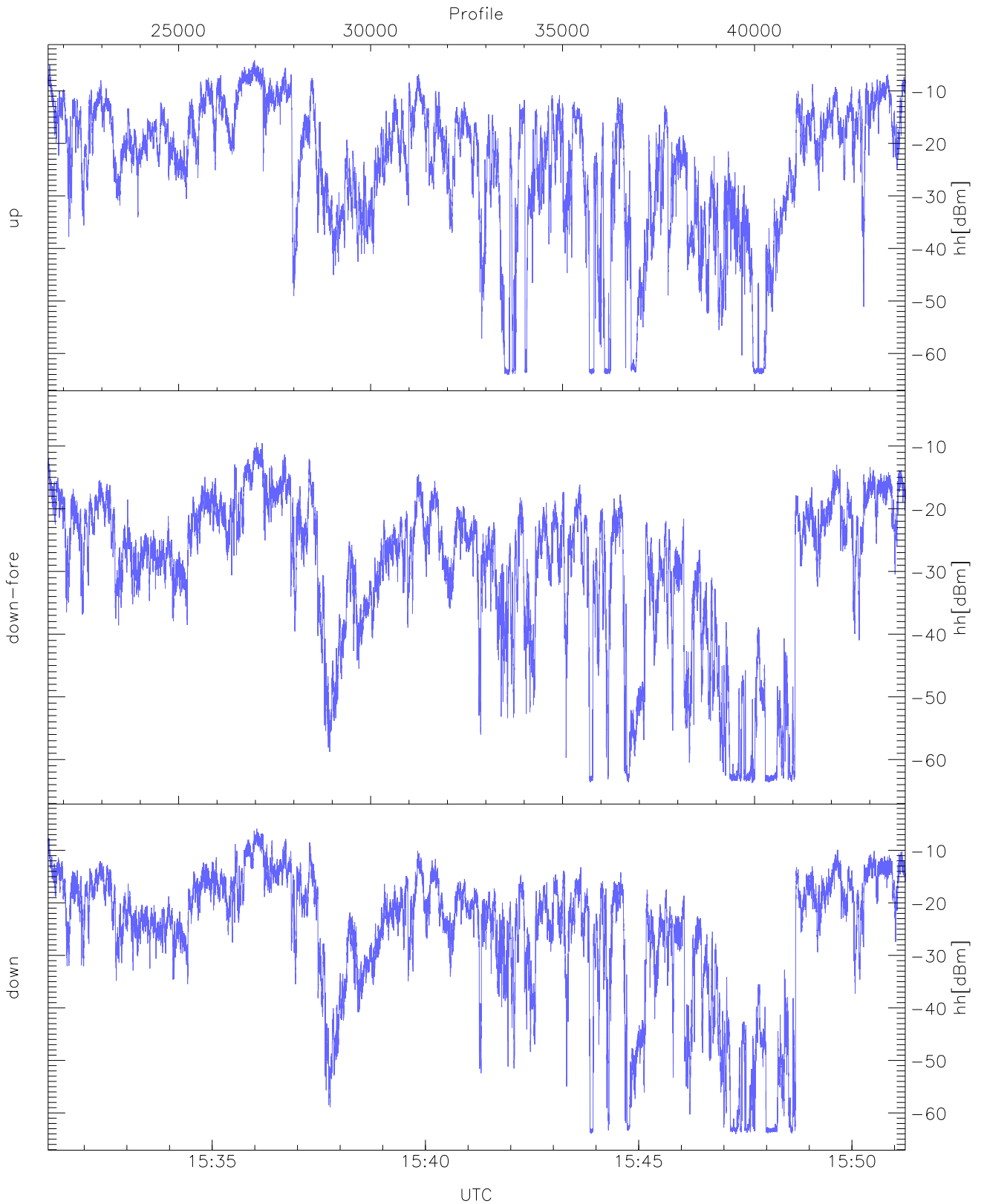
WCR2 CPP Averaged Received power for all recorded gates
blue: 153109-154112, 11164 profiles averaged
red: 154112-155115, 11163 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 153109-154112, 11164 profiles averaged
red: 154112-155115, 11163 profiles averaged

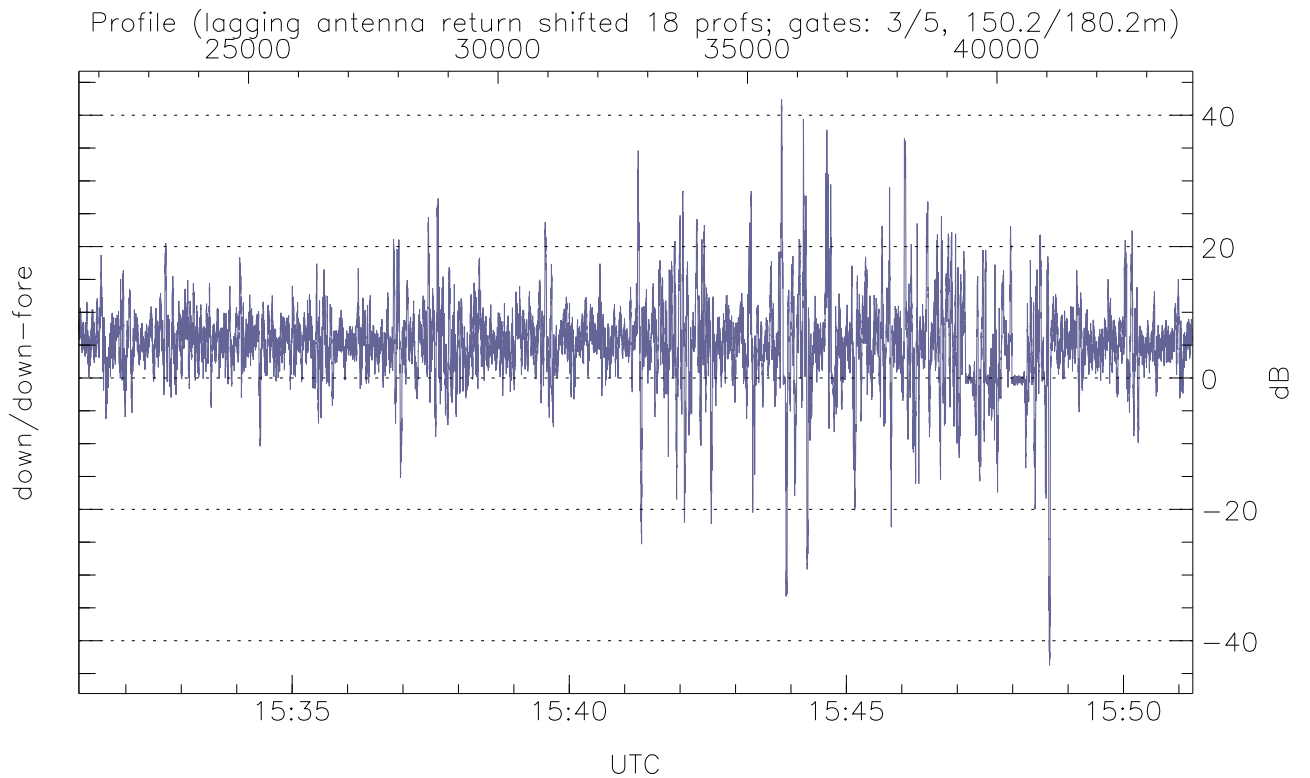
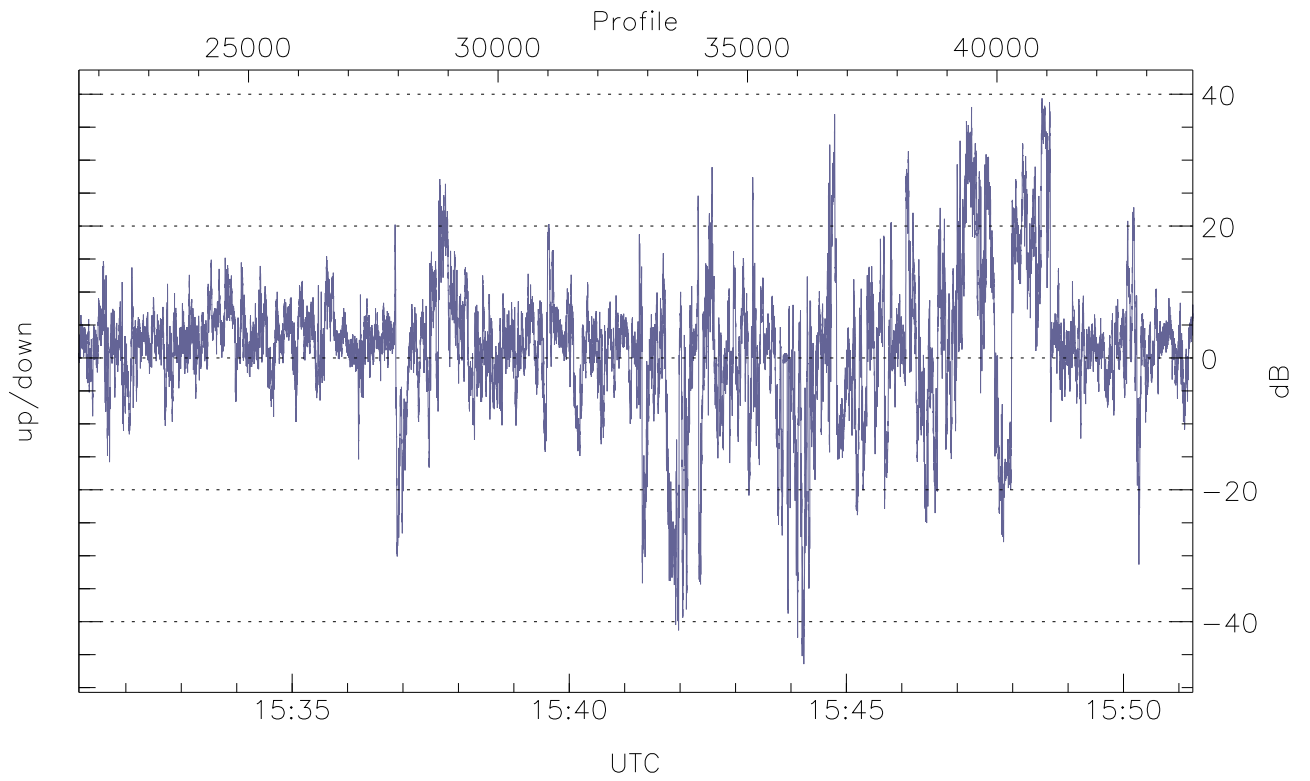


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



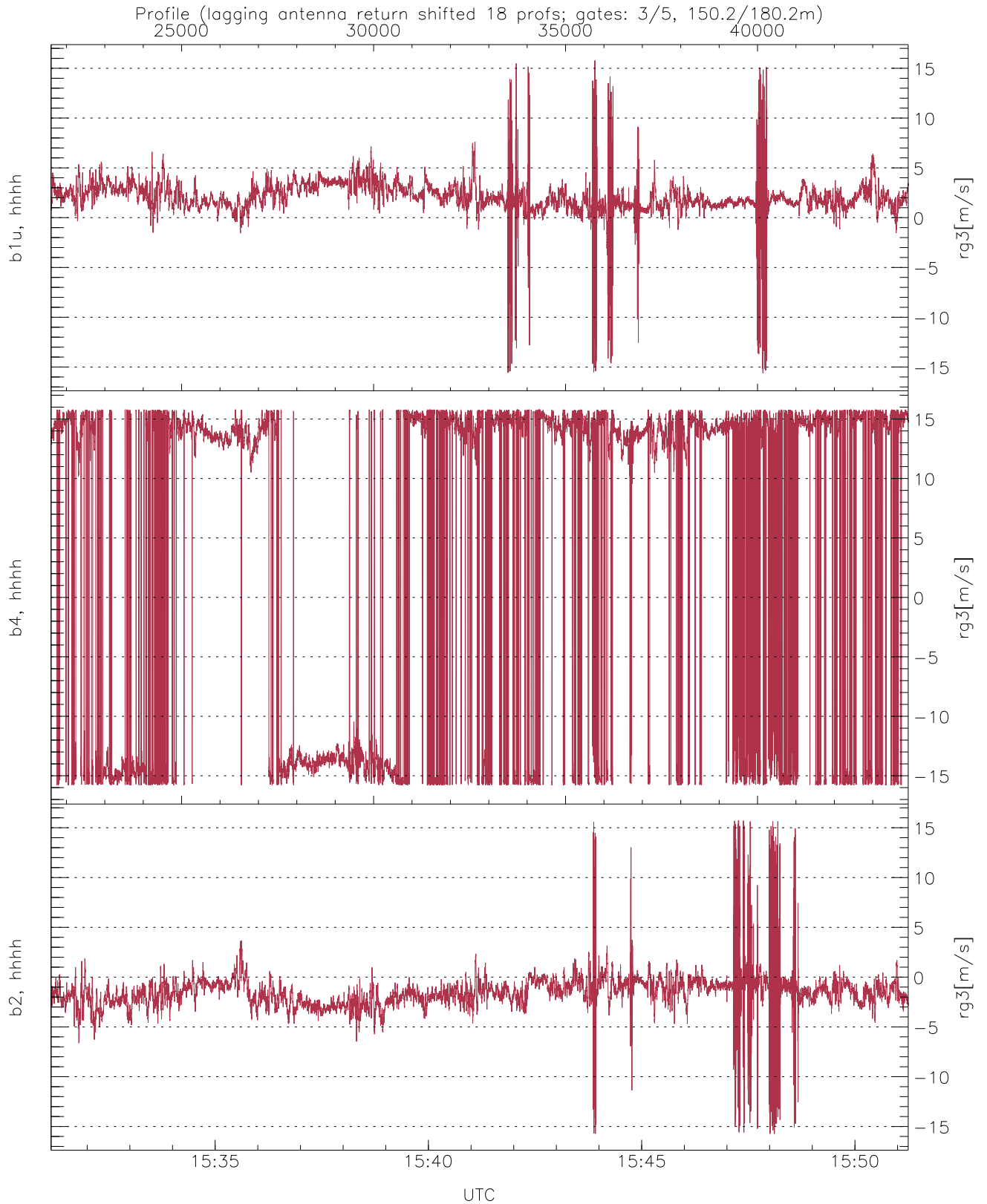
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.10	-4.18	-15.68
down-fore(hh[dBm])	-63.77	-9.45	-21.80
down(hh[dBm])	-64.04	-5.88	-18.08



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

	Min	Max	Mean
up/down (dB)	-46.43	39.38	1.69
down/down-fore (dB)	-43.74	42.39	5.25



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.61	15.78	2.06	1.75
b4, hhhh(rg3[m/s])	-15.80	15.80	4.21	13.76
b2, hhhh(rg3[m/s])	-15.74	15.75	-1.55	1.87