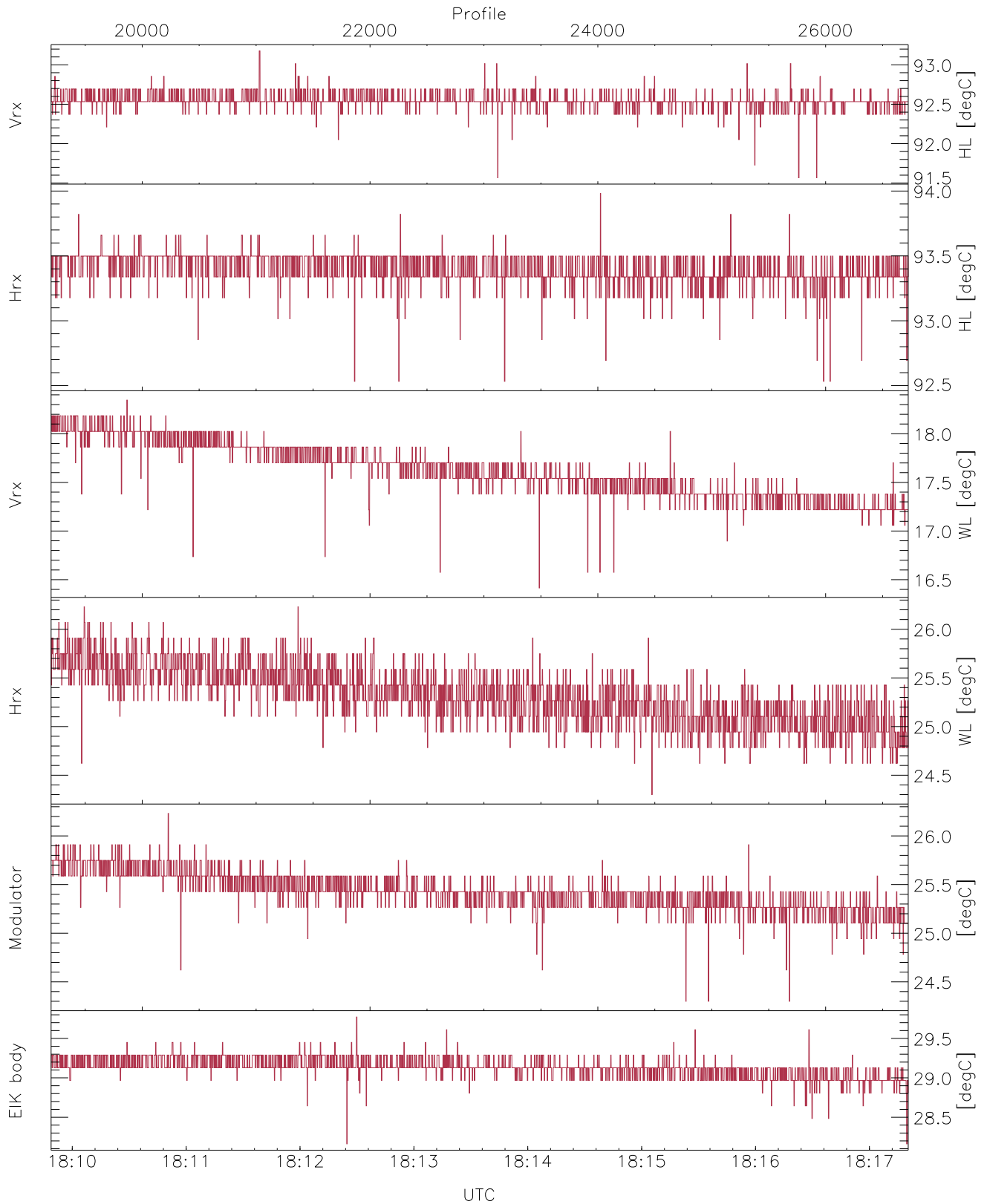


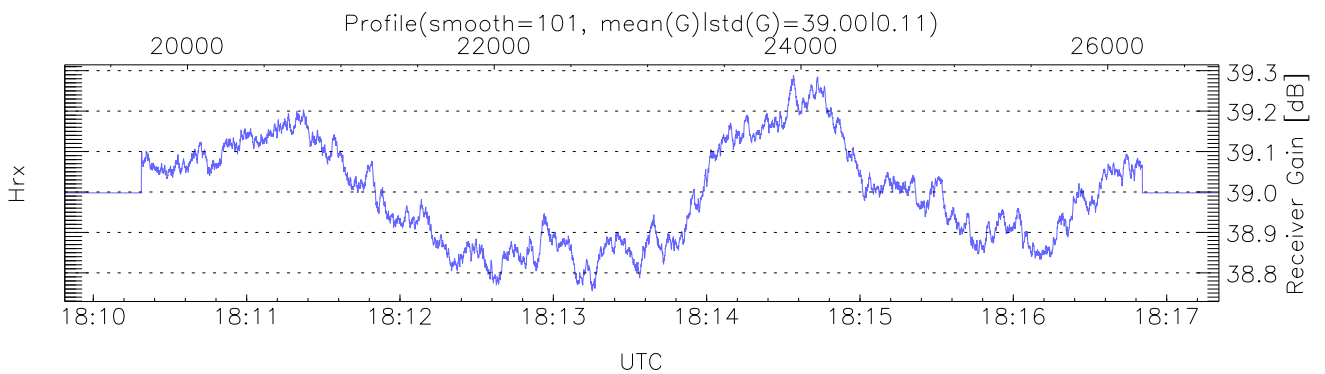
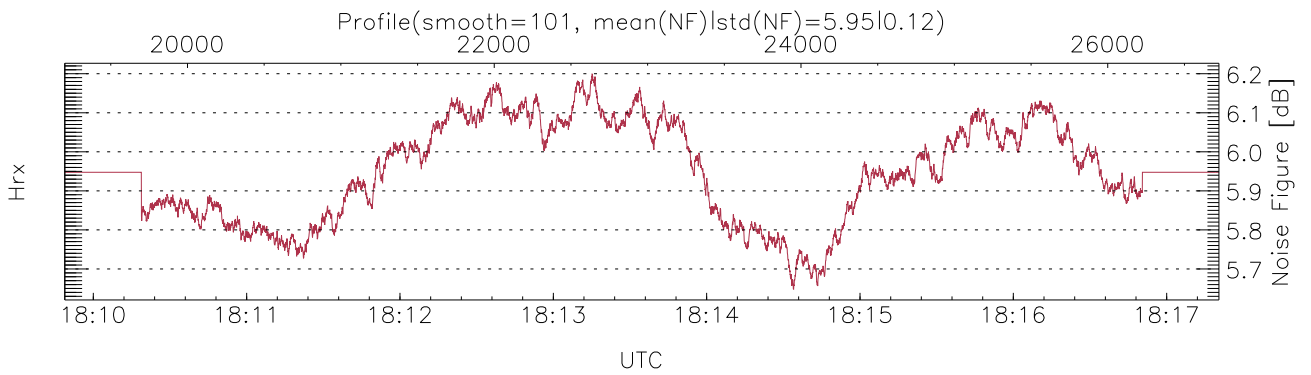
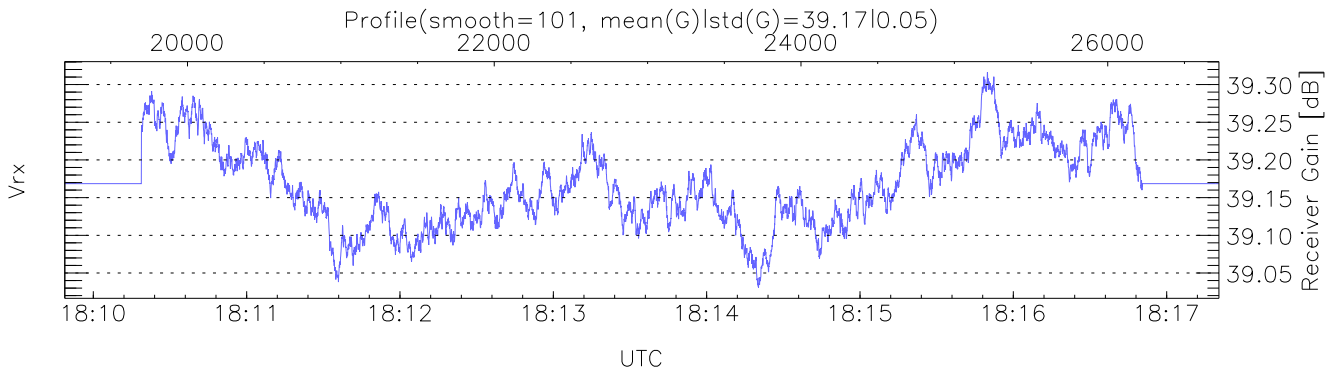
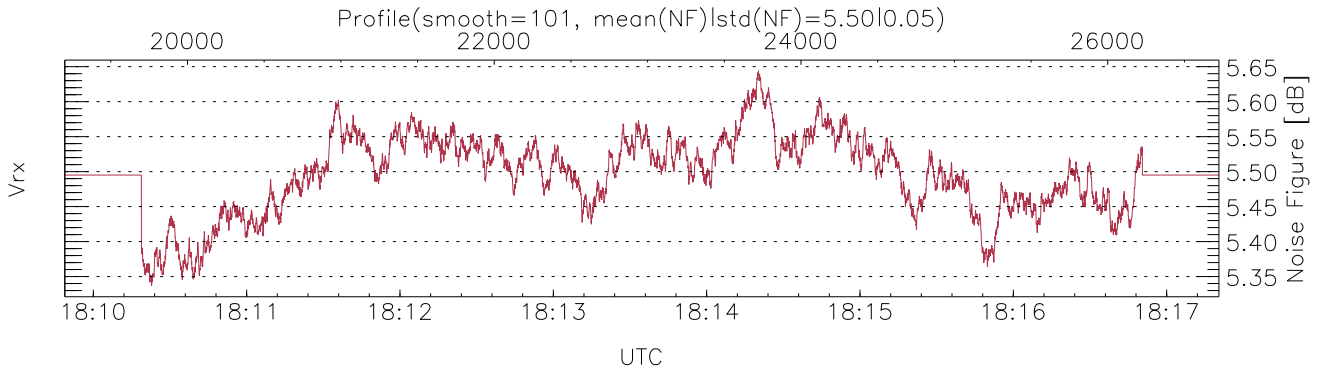
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:50:37-18:17:20, Dur: 1603.90s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 60.0,60.0,60.0,0.0 ms / 17,17,17
 NumRec(r/t): 7526/26726, 19200-26725/18:09:49-18:17:20
 AcqTime: 60.0ms, Rate: 383KB/s, Averages: 200
 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): 105,6788,15.0 m, Gates: 446, Aspect: 2.8
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



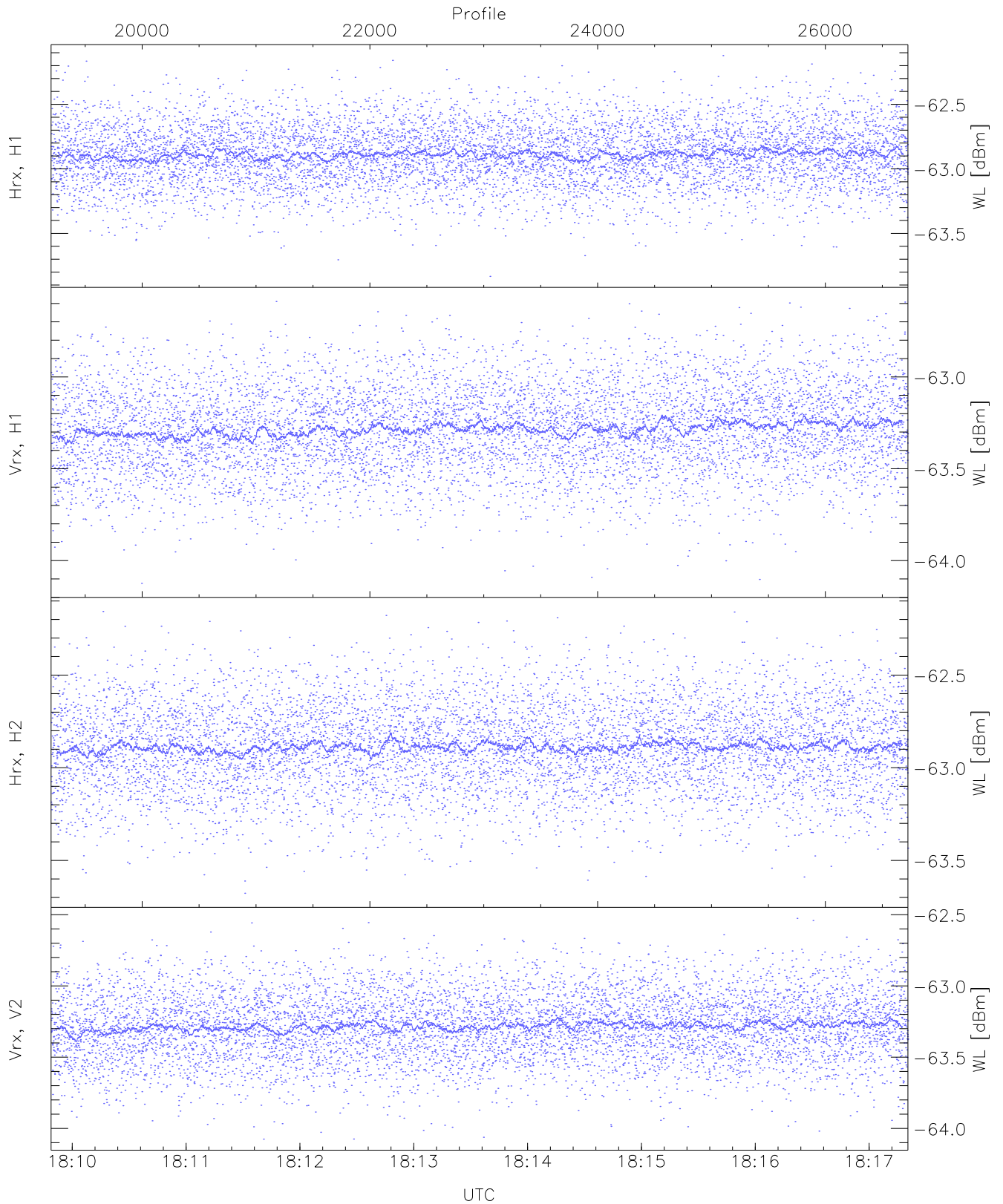
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,16,24,24,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,93,18,26,26,29
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (9,9,9,9,5)



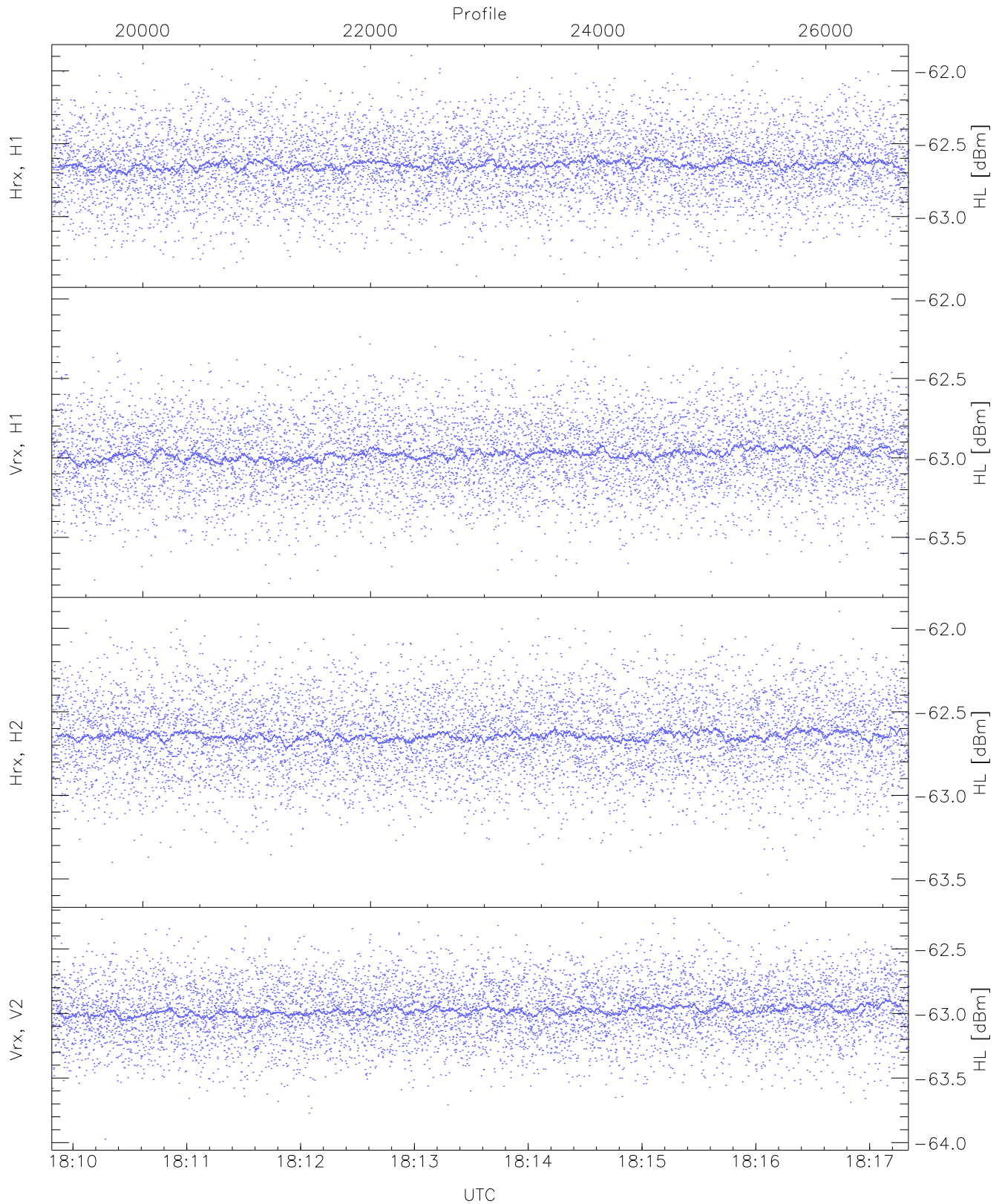
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 14 pixs, 4 gates, 13 profs, 1 prods



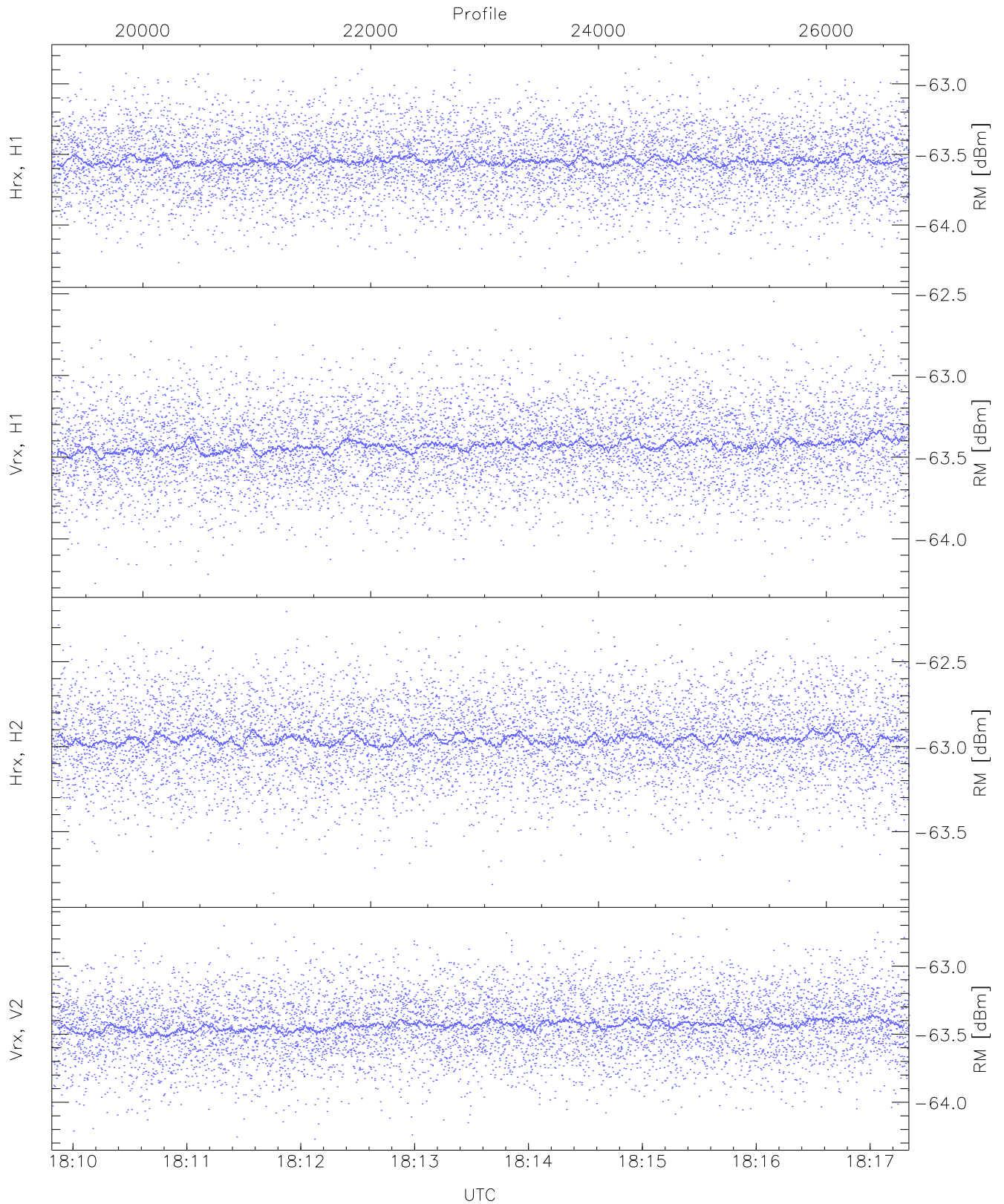
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.83	-62.12	-62.89	-62.89	-75.81
Vrx, H1 (WL [dBm])	-64.12	-62.59	-63.28	-63.28	-76.22
Hrx, H2 (WL [dBm])	-63.68	-62.16	-62.88	-62.89	-75.84
Vrx, V2 (WL [dBm])	-64.08	-62.53	-63.28	-63.28	-76.20



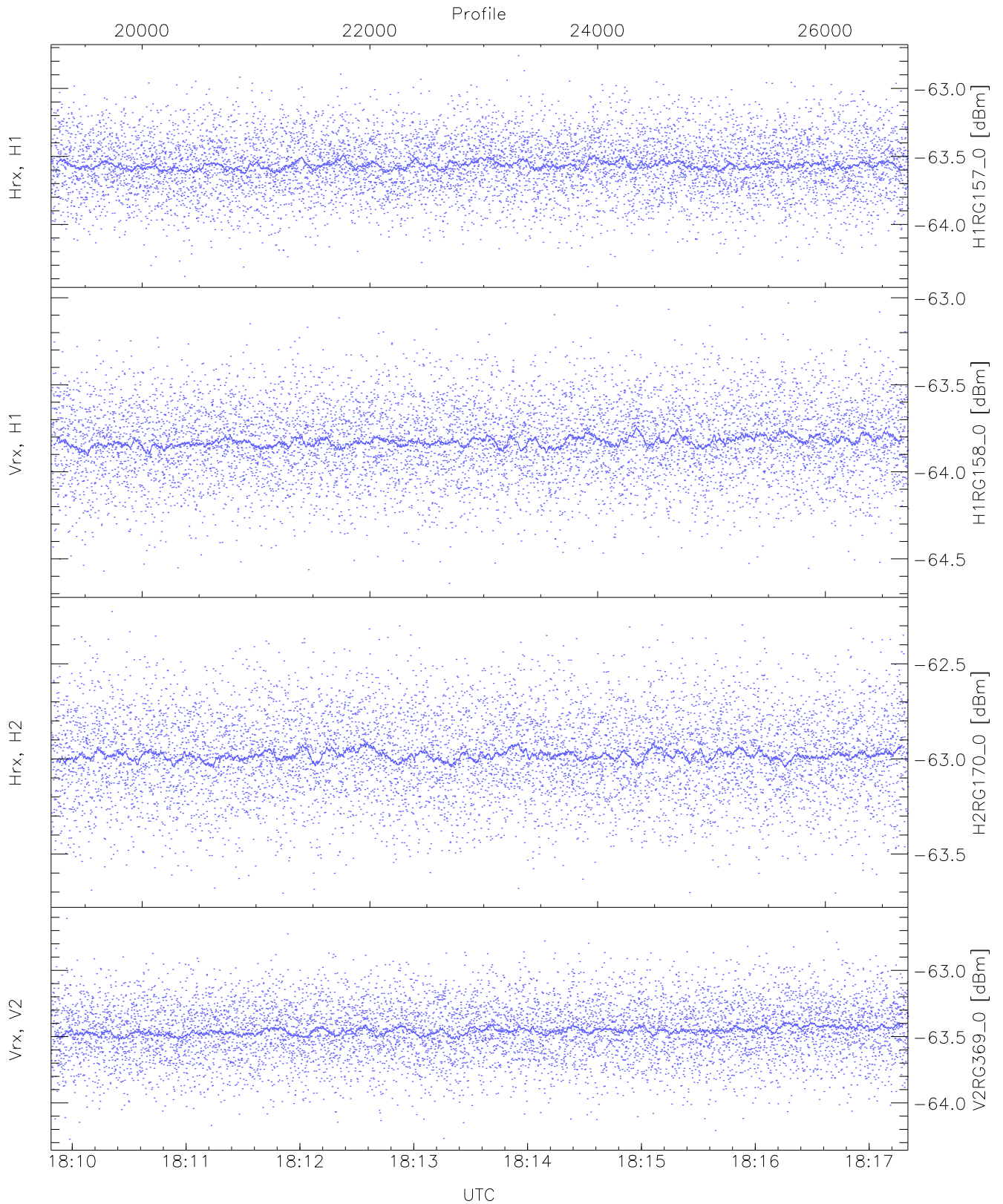
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.41	-61.90	-62.64	-62.65	-75.55
Vrx, H1 (HL [dBm])	-63.79	-62.02	-62.97	-62.98	-75.91
Hrx, H2 (HL [dBm])	-63.59	-61.90	-62.64	-62.65	-75.56
Vrx, V2 (HL [dBm])	-63.97	-62.26	-62.98	-62.98	-75.90



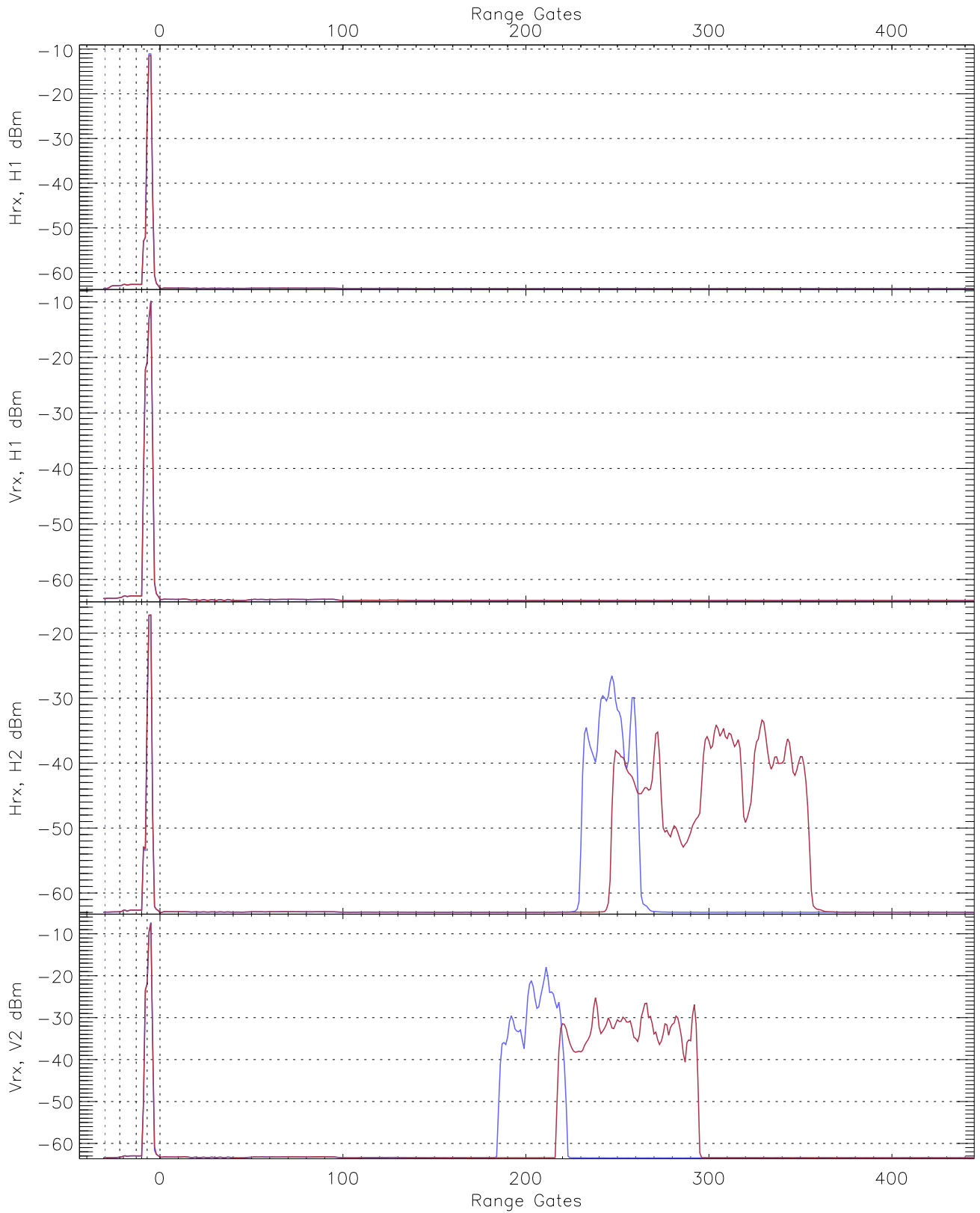
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.36	-62.80	-63.54	-63.54	-76.52
Vrx, H1 (RM [dBm])	-64.27	-62.55	-63.43	-63.43	-76.36
Hrx, H2 (RM [dBm])	-63.86	-62.20	-62.95	-62.96	-75.92
Vrx, V2 (RM [dBm])	-64.27	-62.65	-63.43	-63.44	-76.34

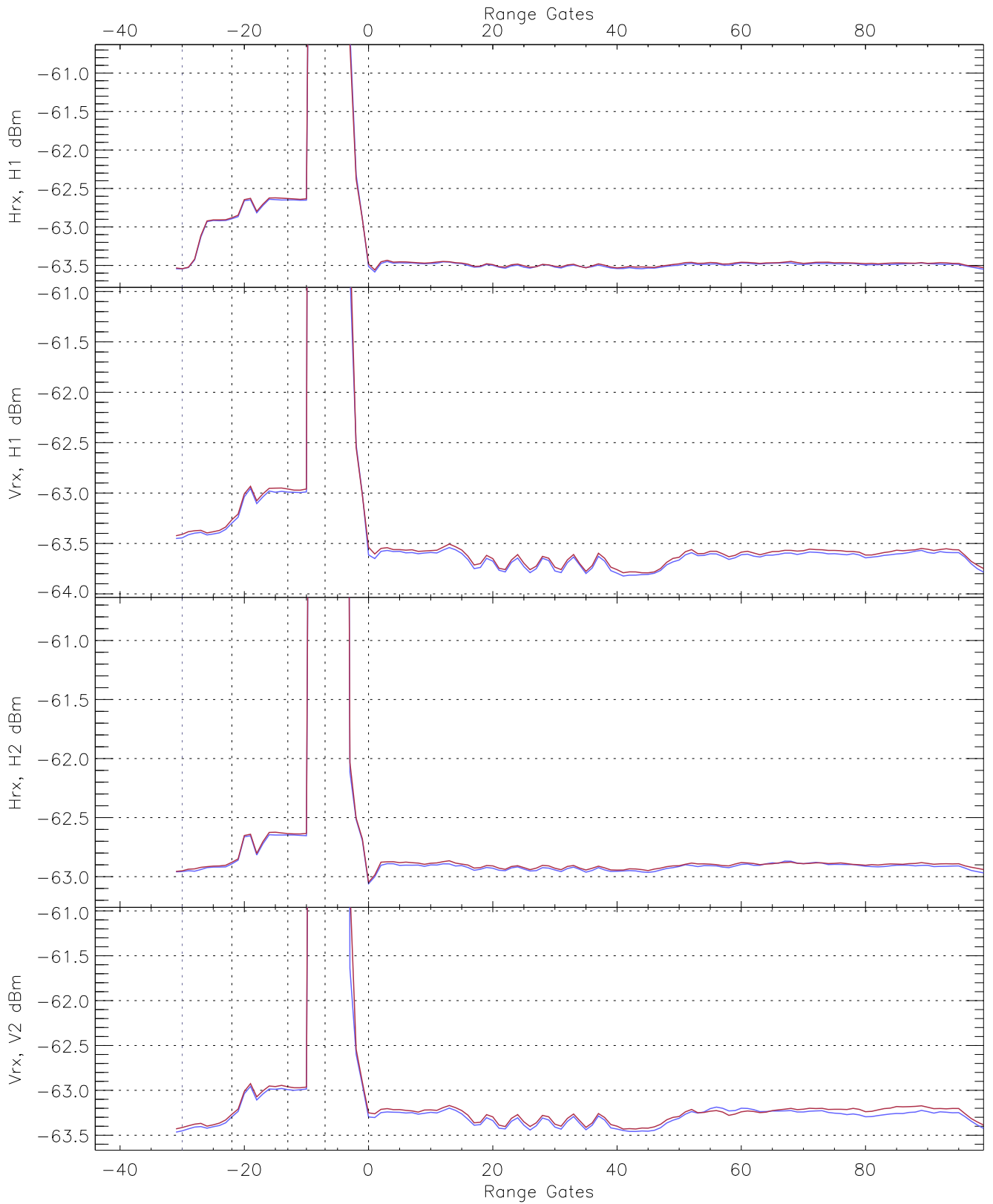


WCR2 CPP "Best" estimate Receivers Noise Power

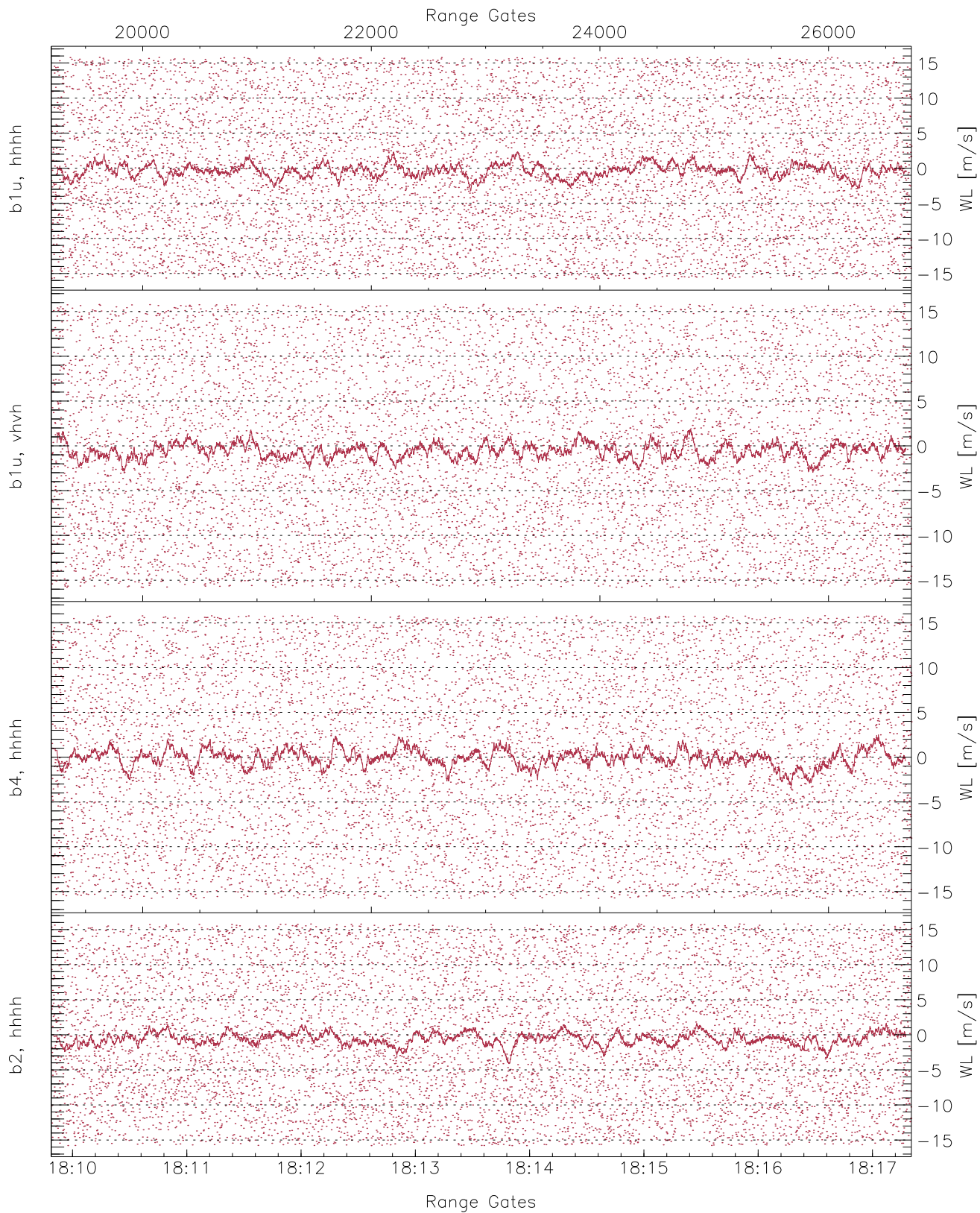
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.38	-62.76	-63.56	-63.56	-76.54
H1RG158_0 [dBm]	-64.64	-63.02	-63.82	-63.83	-76.77
H2RG170_0 [dBm]	-63.71	-62.22	-62.98	-62.98	-75.90
V2RG369_0 [dBm]	-64.27	-62.61	-63.45	-63.46	-76.43



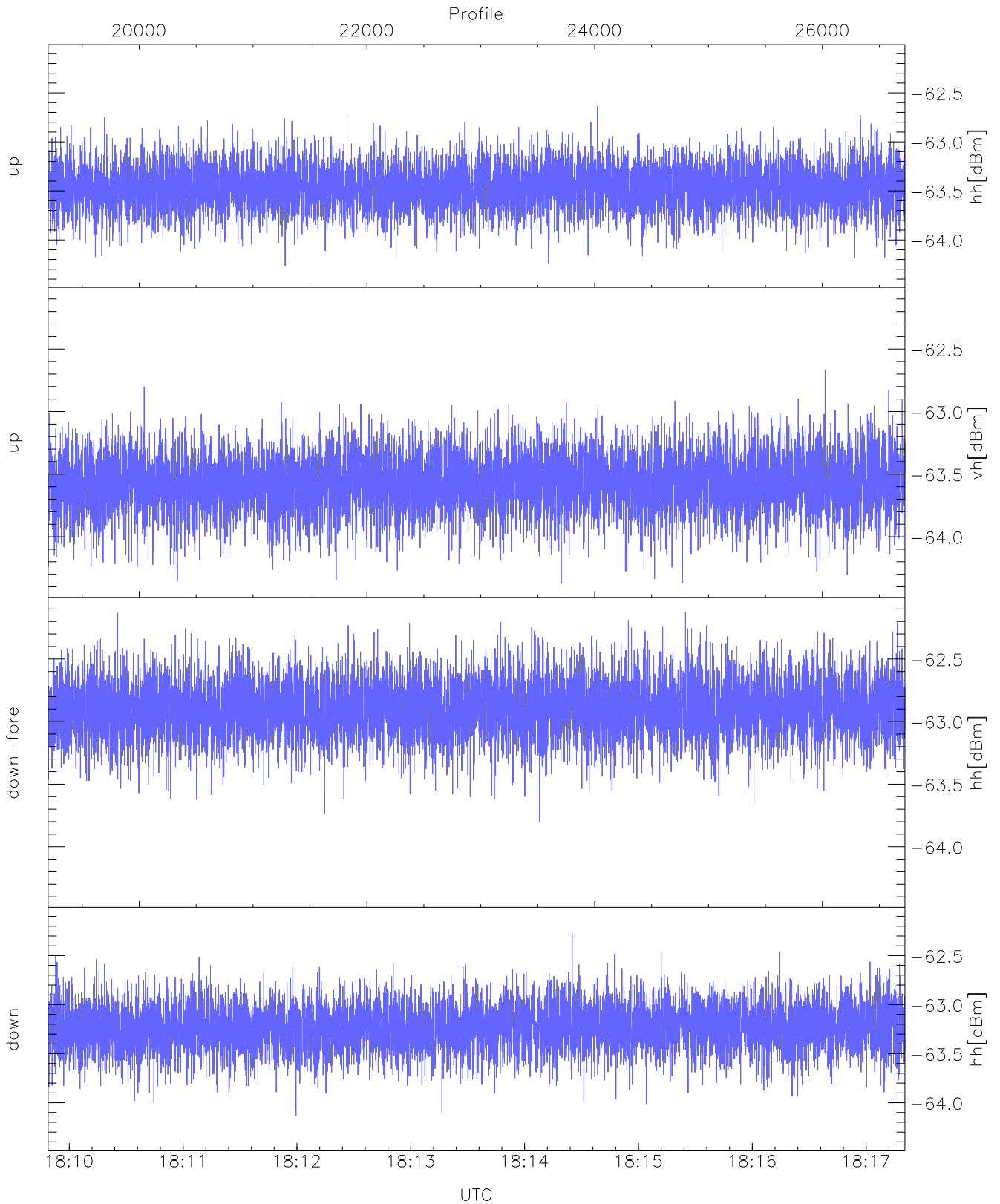
WCR2 CPP Averaged Received power for all recorded gates
blue: 180949-181335, 3764 profiles averaged
red: 181335-181720, 3763 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 180949-181335, 3764 profiles averaged
red: 181335-181720, 3763 profiles averaged

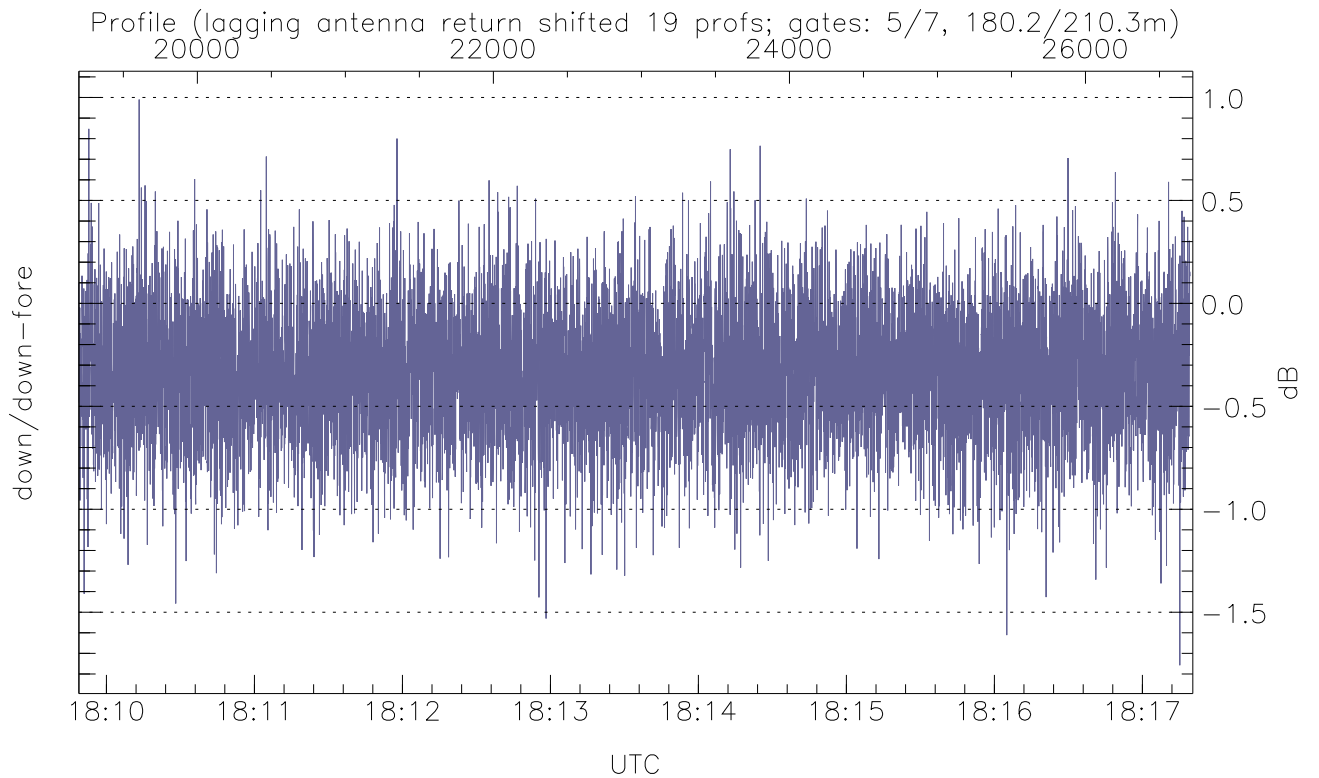
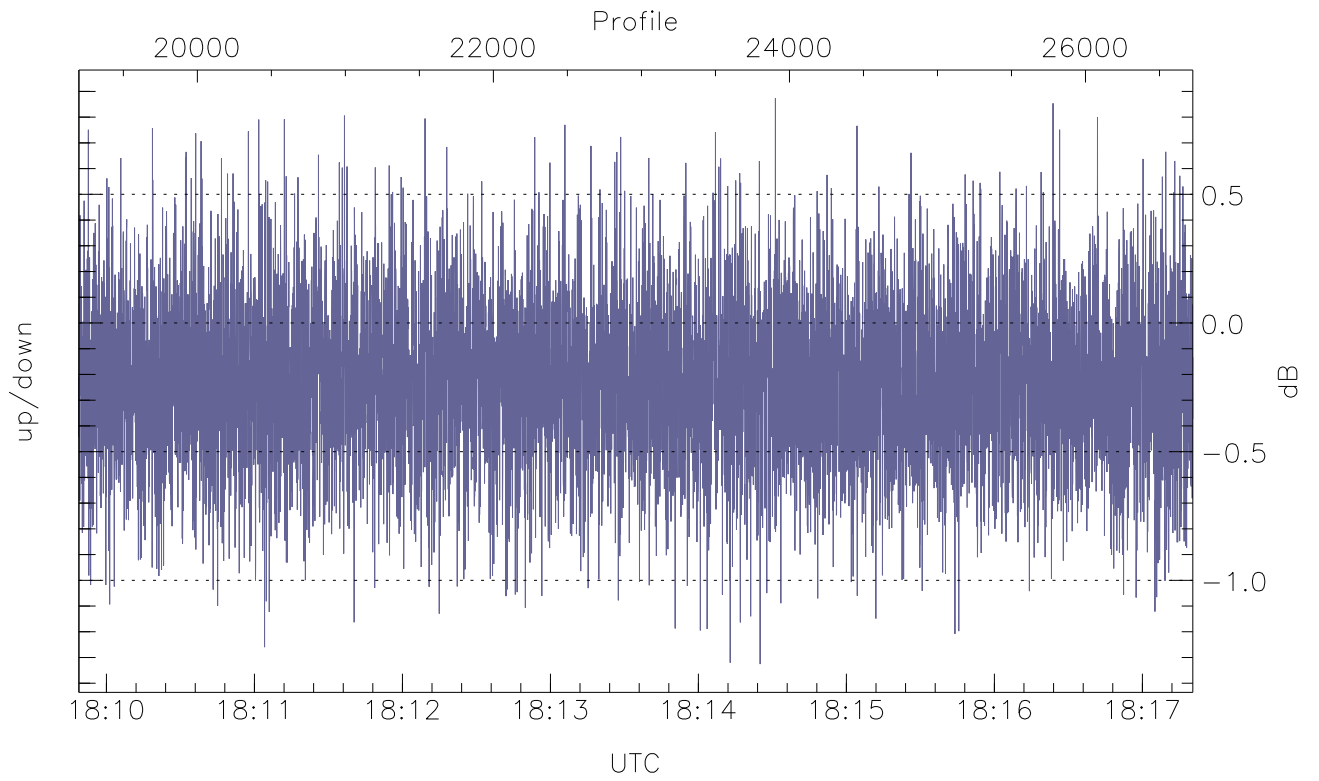


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



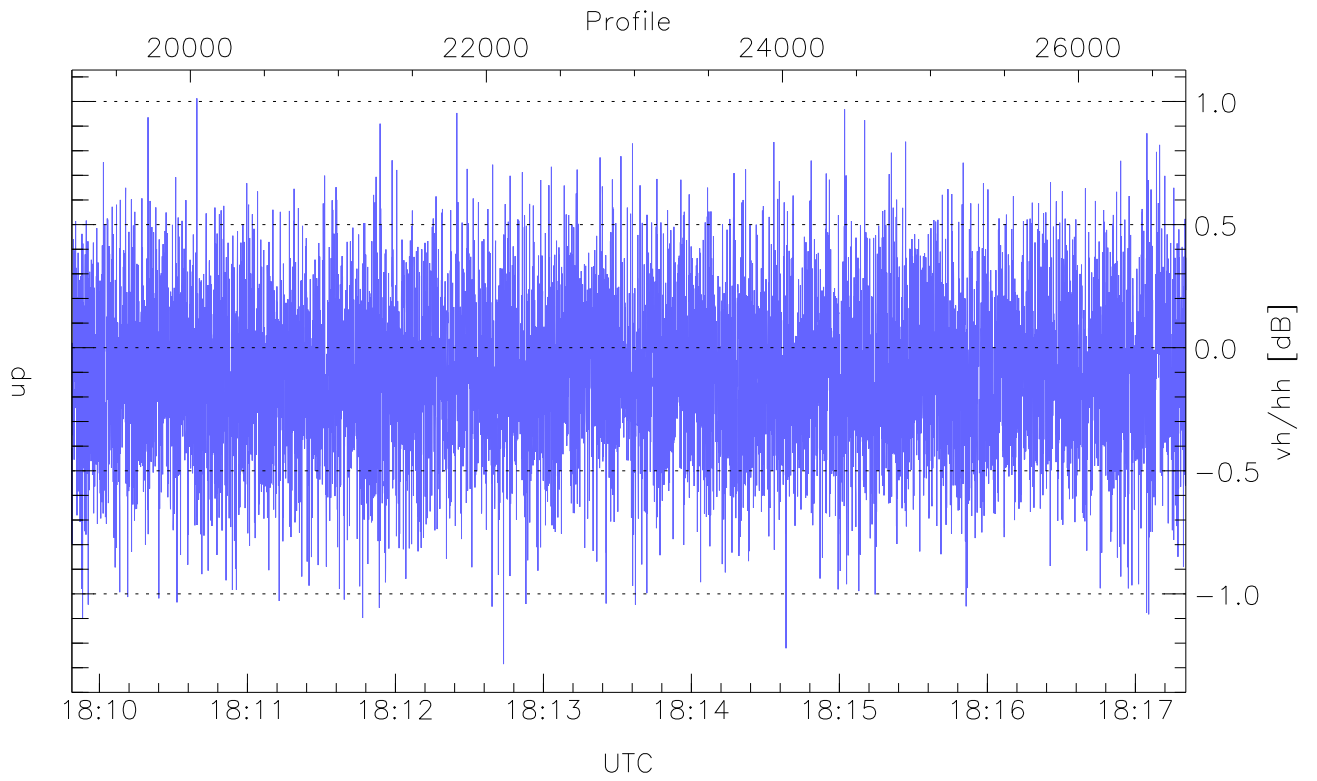
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.27	-62.64	-63.46
up(vh[dBm])	-64.37	-62.67	-63.57
down-fore(hh[dBm])	-63.80	-62.12	-62.89
down(hh[dBm])	-64.14	-62.27	-63.23



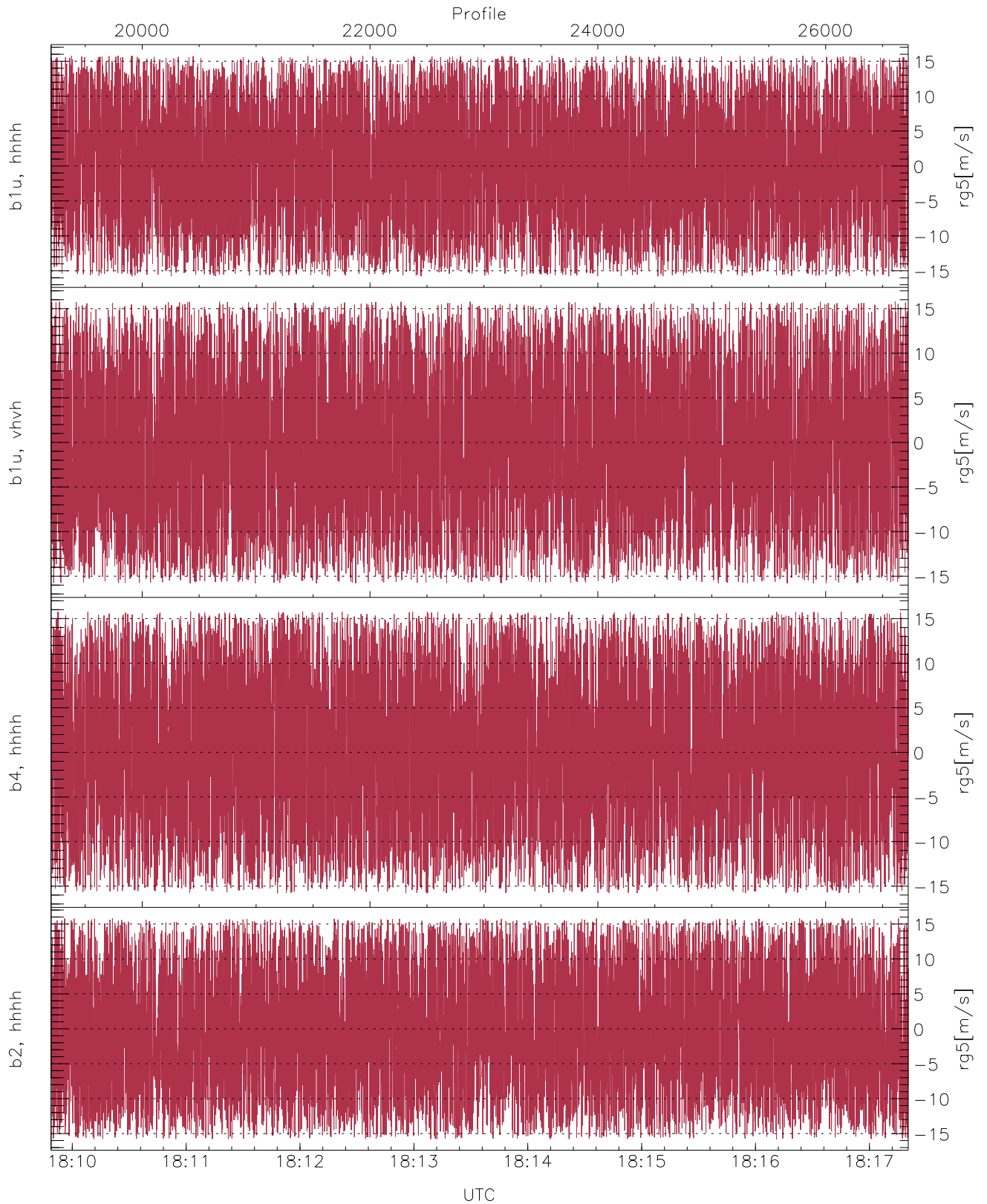
WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-1.33	0.87	-0.23
down/down-fore (dB)	-1.76	0.99	-0.34



WCR2 Co- and Cross-pol Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up(vh/hh [dB])	-1.29	1.01	-0.10



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.15	8.98
b1u, vvhv(rg5[m/s])	-15.80	15.79	-0.53	9.02
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.00	9.09
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.47	9.07