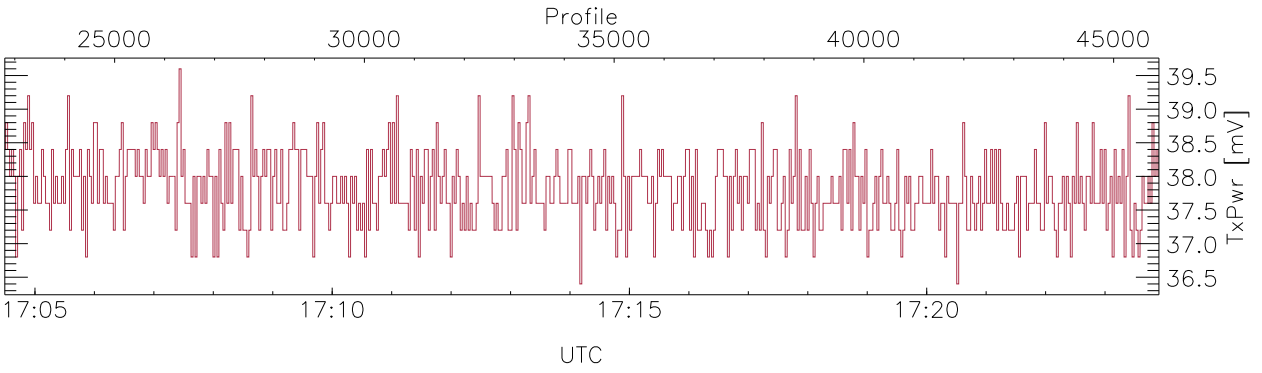
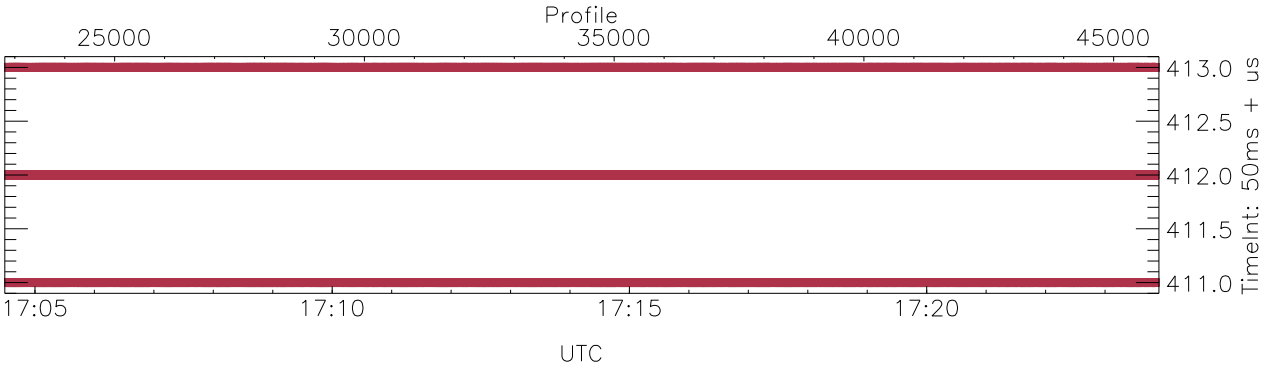
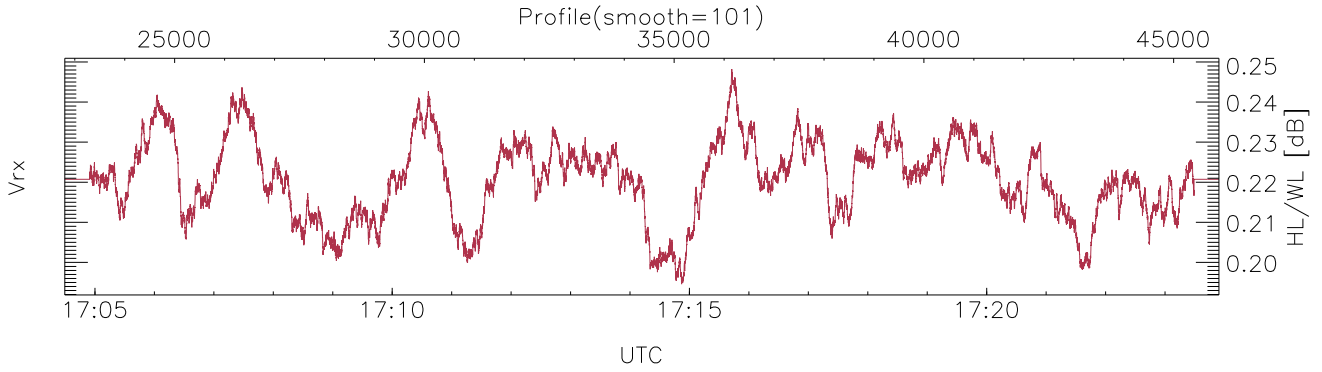
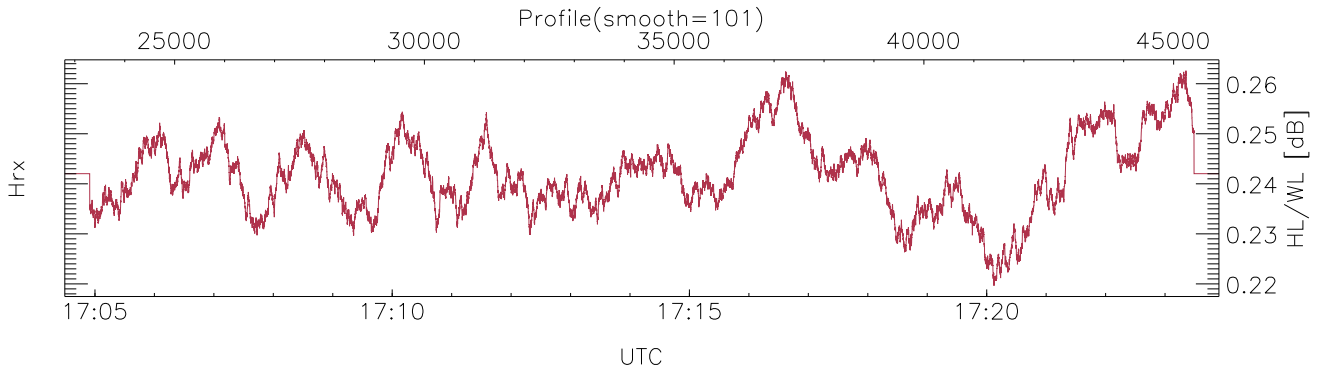


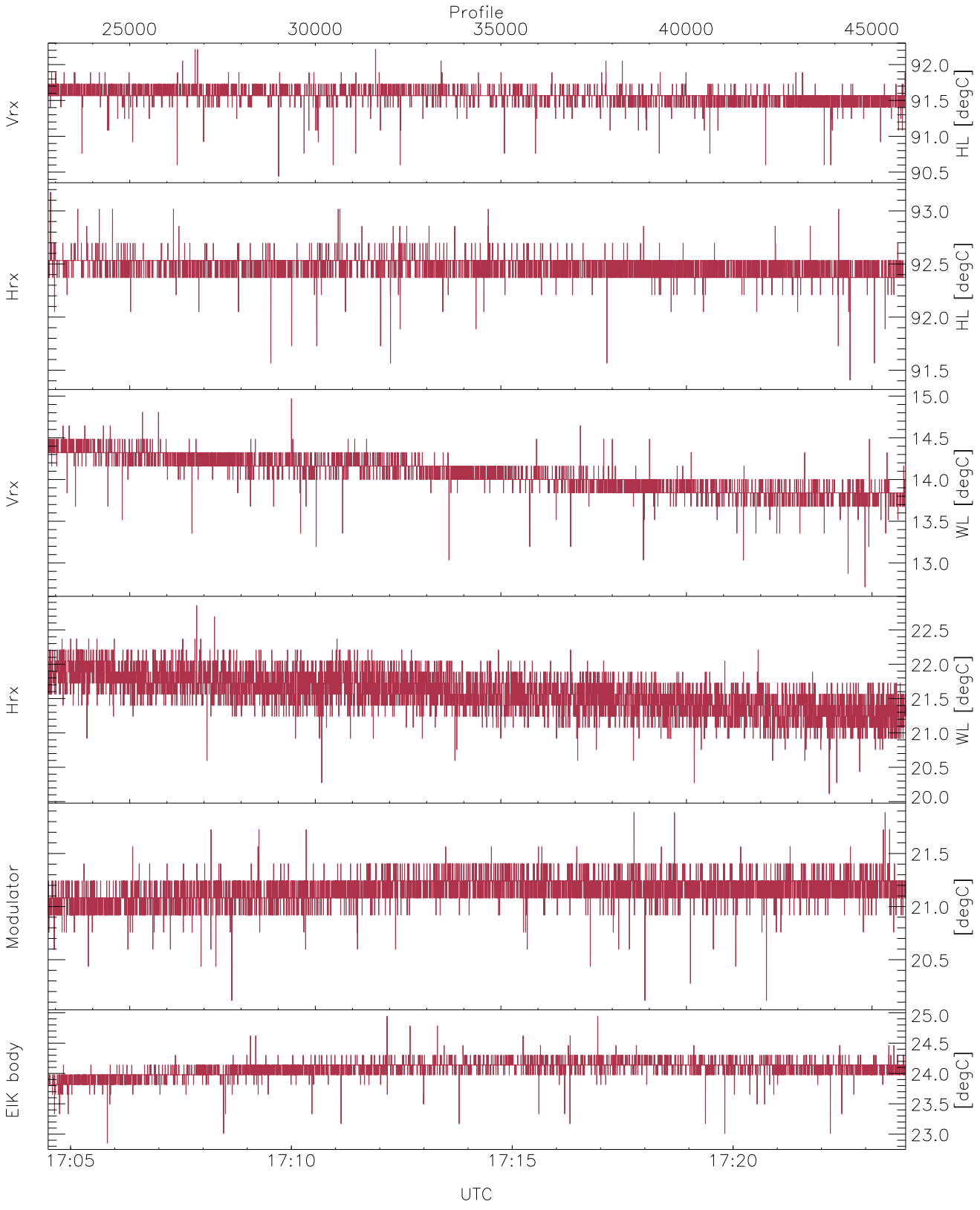






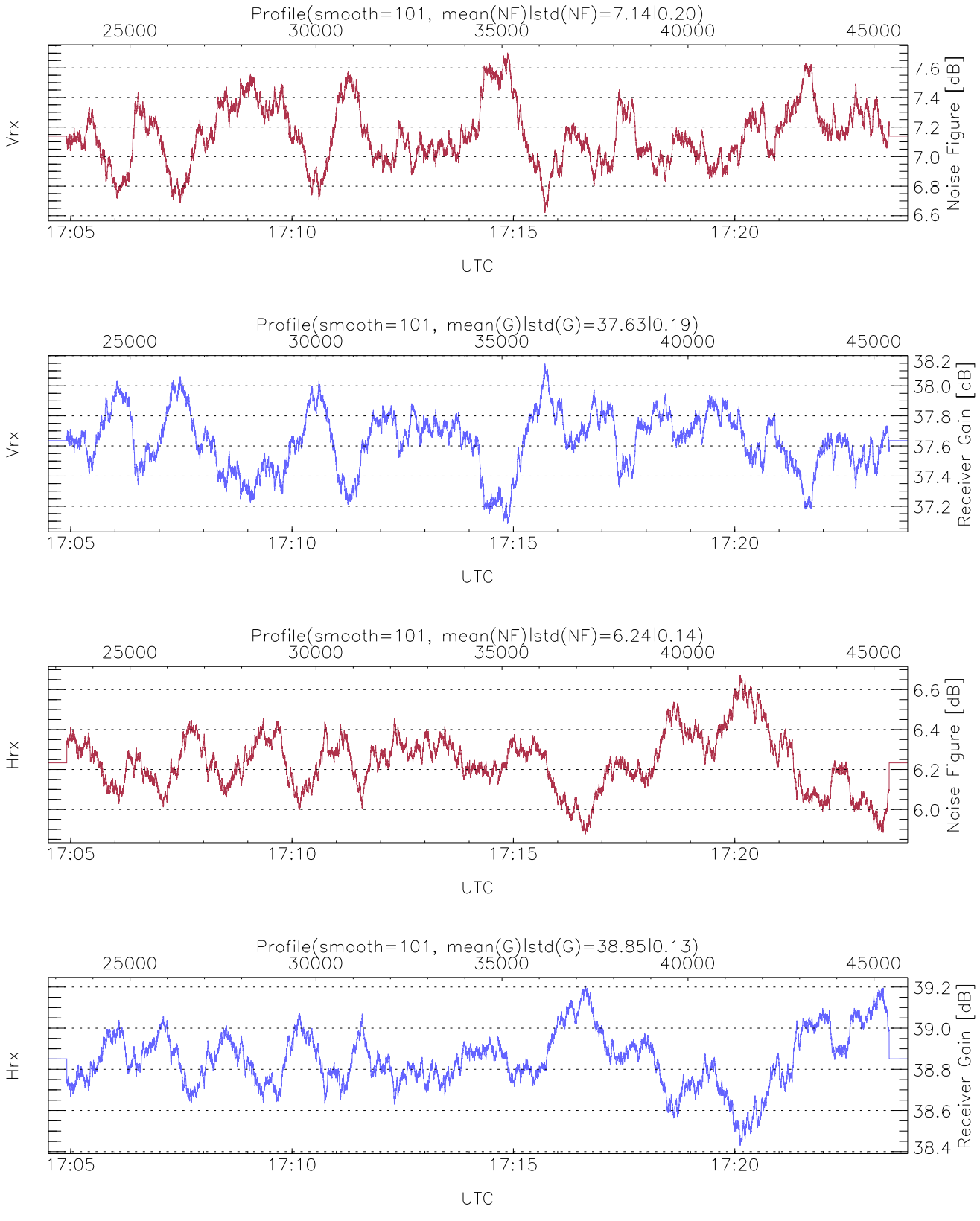
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:45:20-17:23:54, Dur: 2314.29s
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): 23108/45908, 22800-45907/17:04:30-17:23:54
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,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



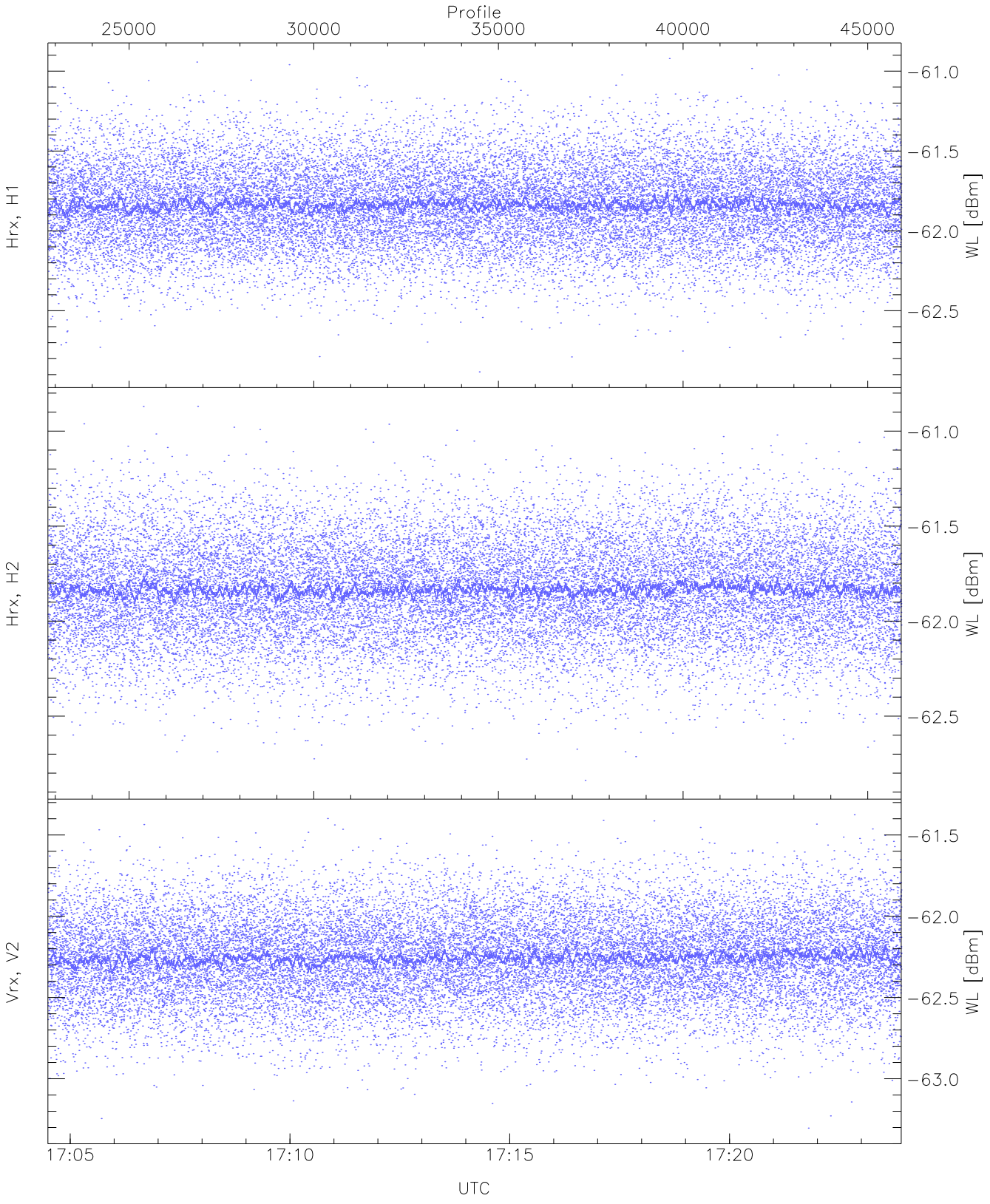
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,20,20,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,14,22,21,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (15,15,15,15,10)



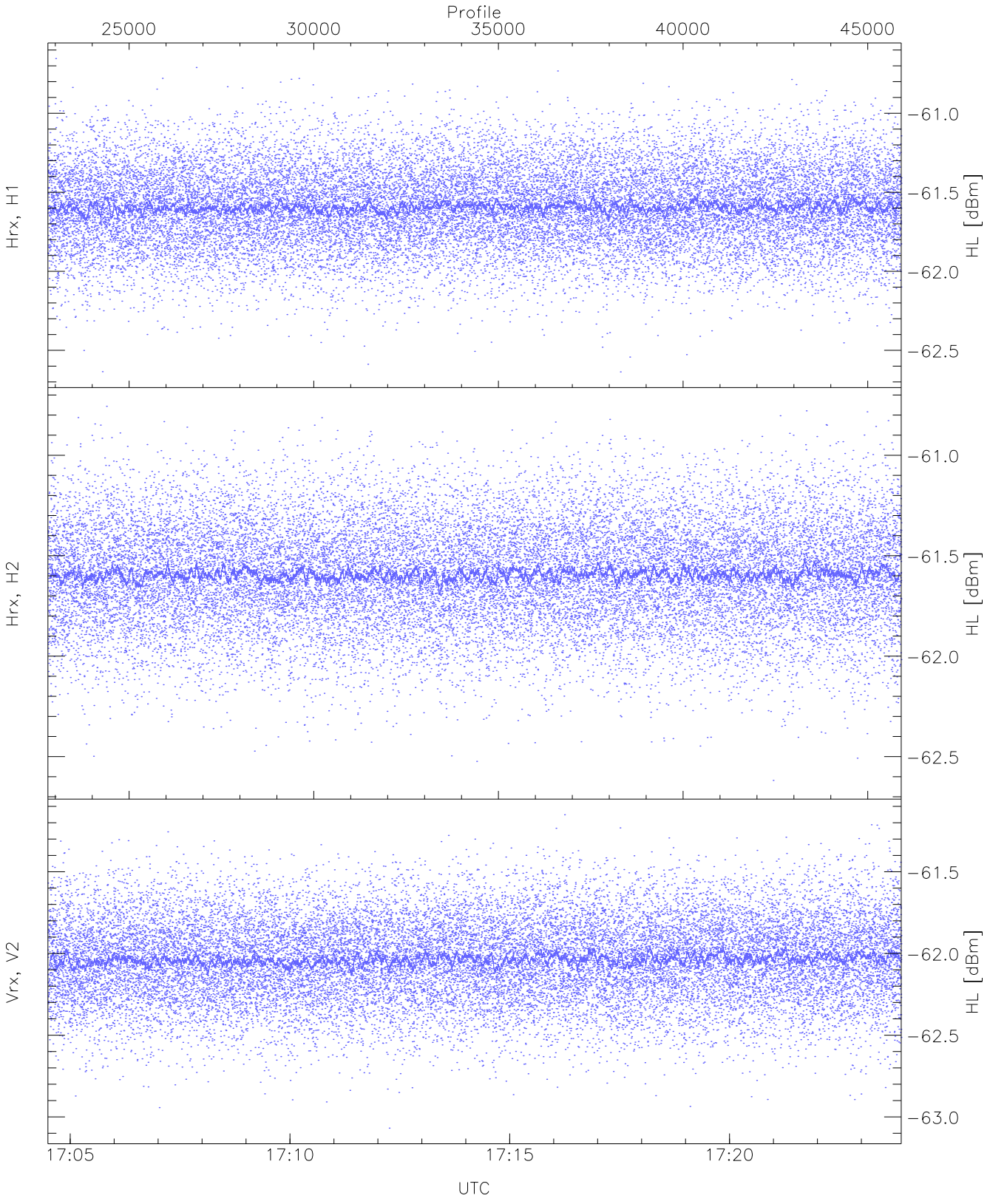
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 685 pixs, 24 gates, 653 profs, 1 prods



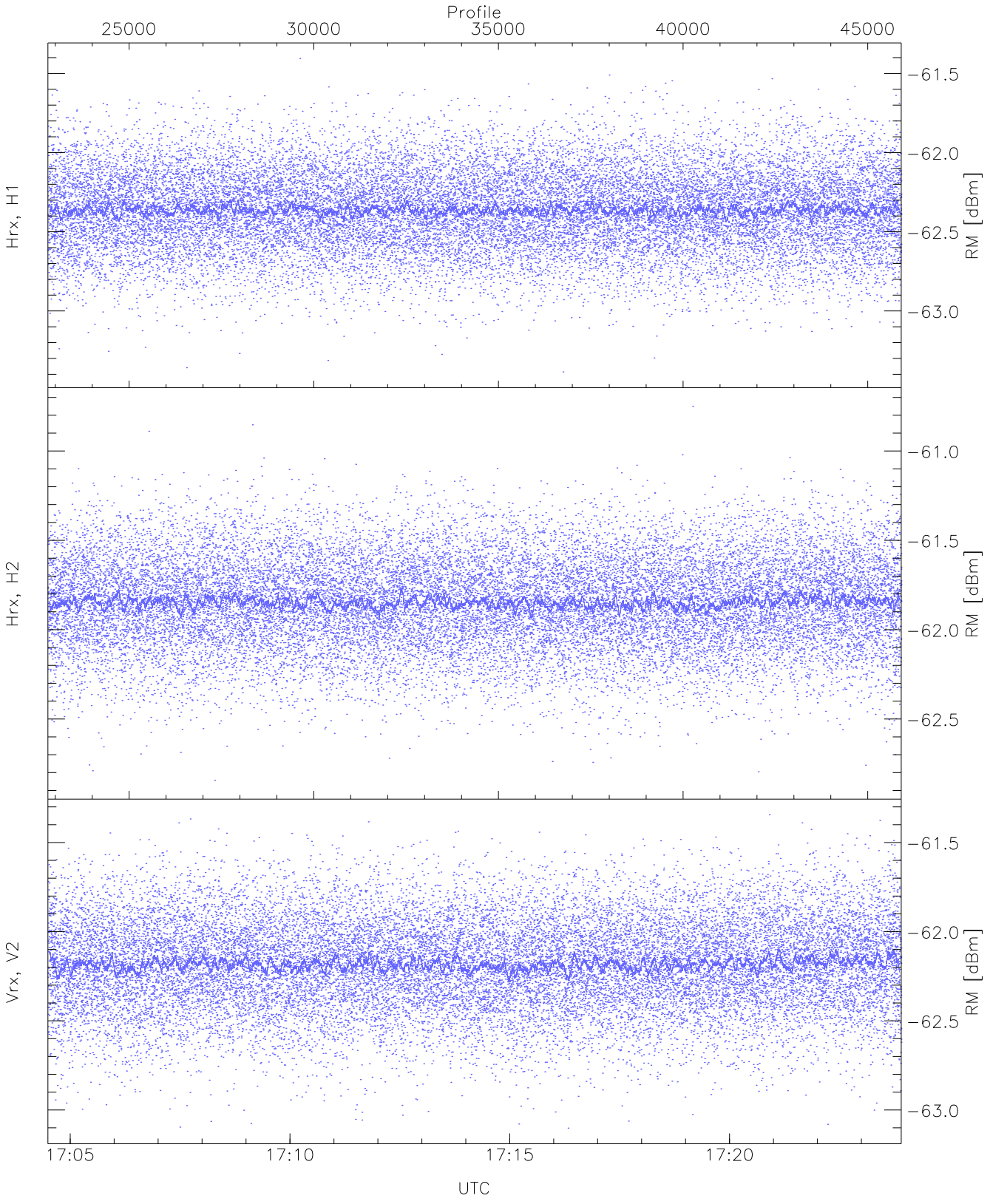
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.88	-60.92	-61.83	-61.84	-74.42
Hrx, H2(WL [dBm])	-62.84	-60.87	-61.83	-61.84	-74.37
Vrx, V2(WL [dBm])	-63.30	-61.38	-62.25	-62.26	-74.81



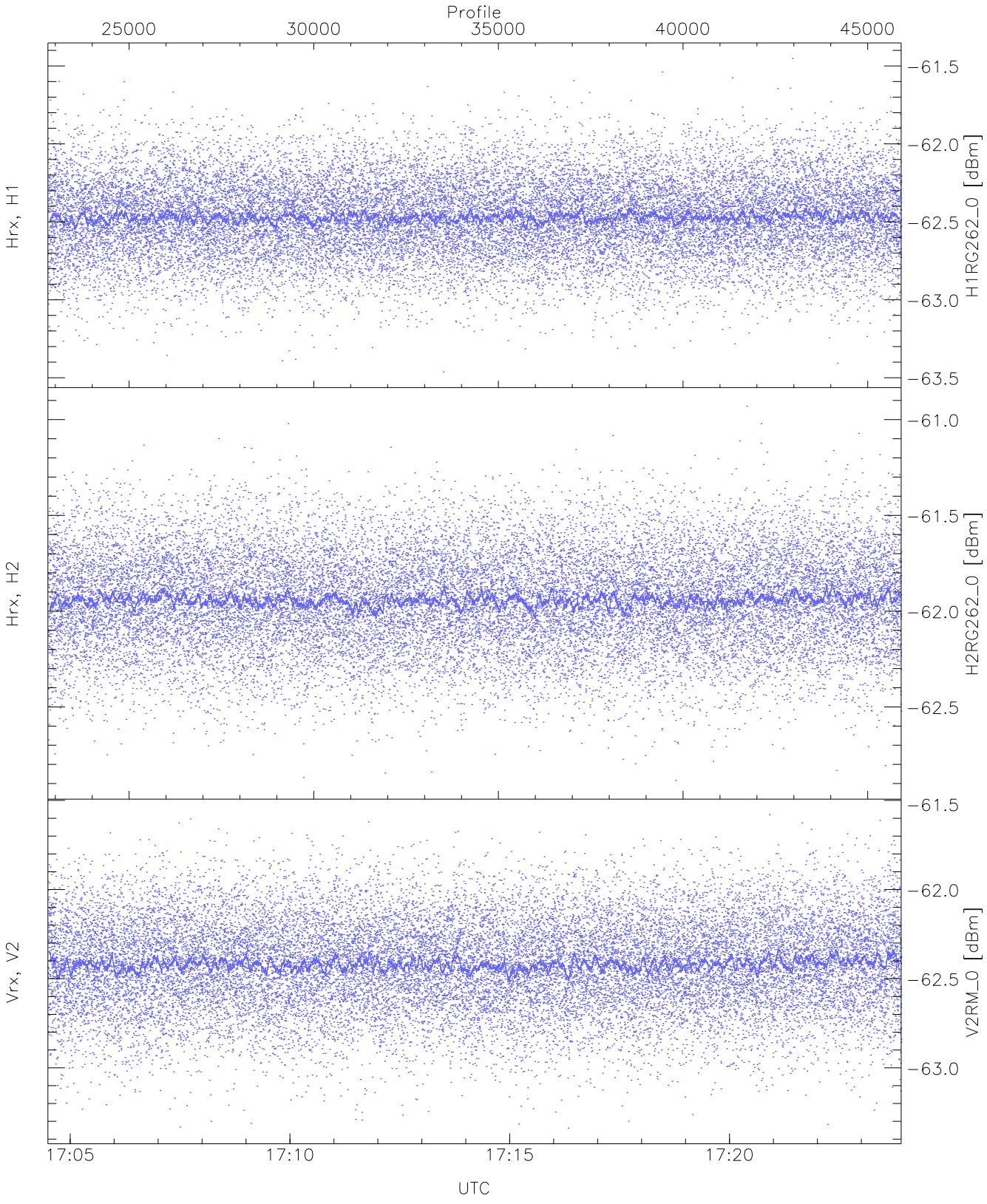
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.64	-60.65	-61.59	-61.60	-74.12
Hrx, H2(HL [dBm])	-62.62	-60.76	-61.59	-61.59	-74.13
Vrx, V2(HL [dBm])	-63.07	-61.15	-62.03	-62.04	-74.58



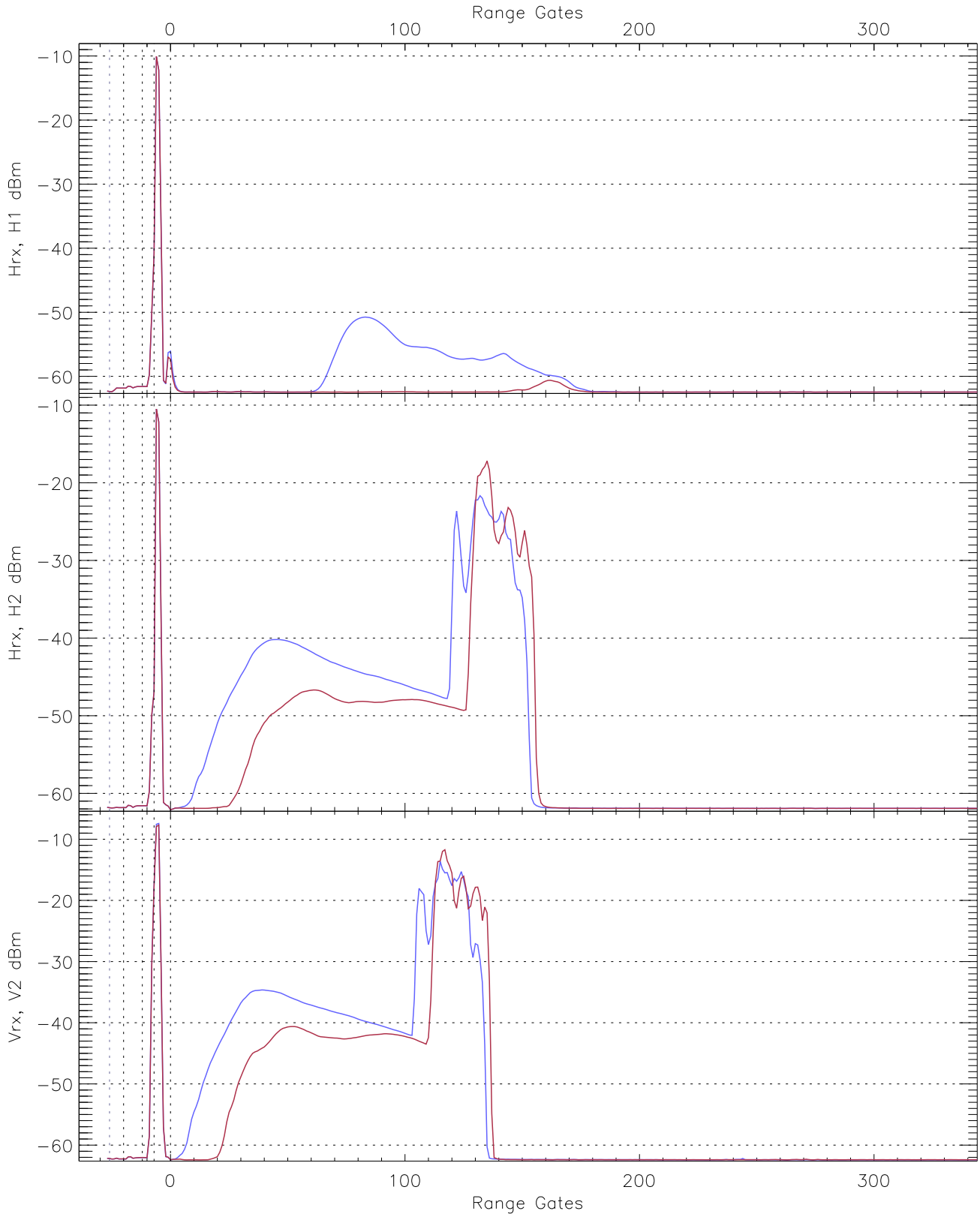
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.39	-61.41	-62.36	-62.36	-74.92
Hrx, H2(RM [dBm])	-62.84	-60.75	-61.84	-61.85	-74.38
Vrx, V2(RM [dBm])	-63.10	-61.34	-62.18	-62.18	-74.73

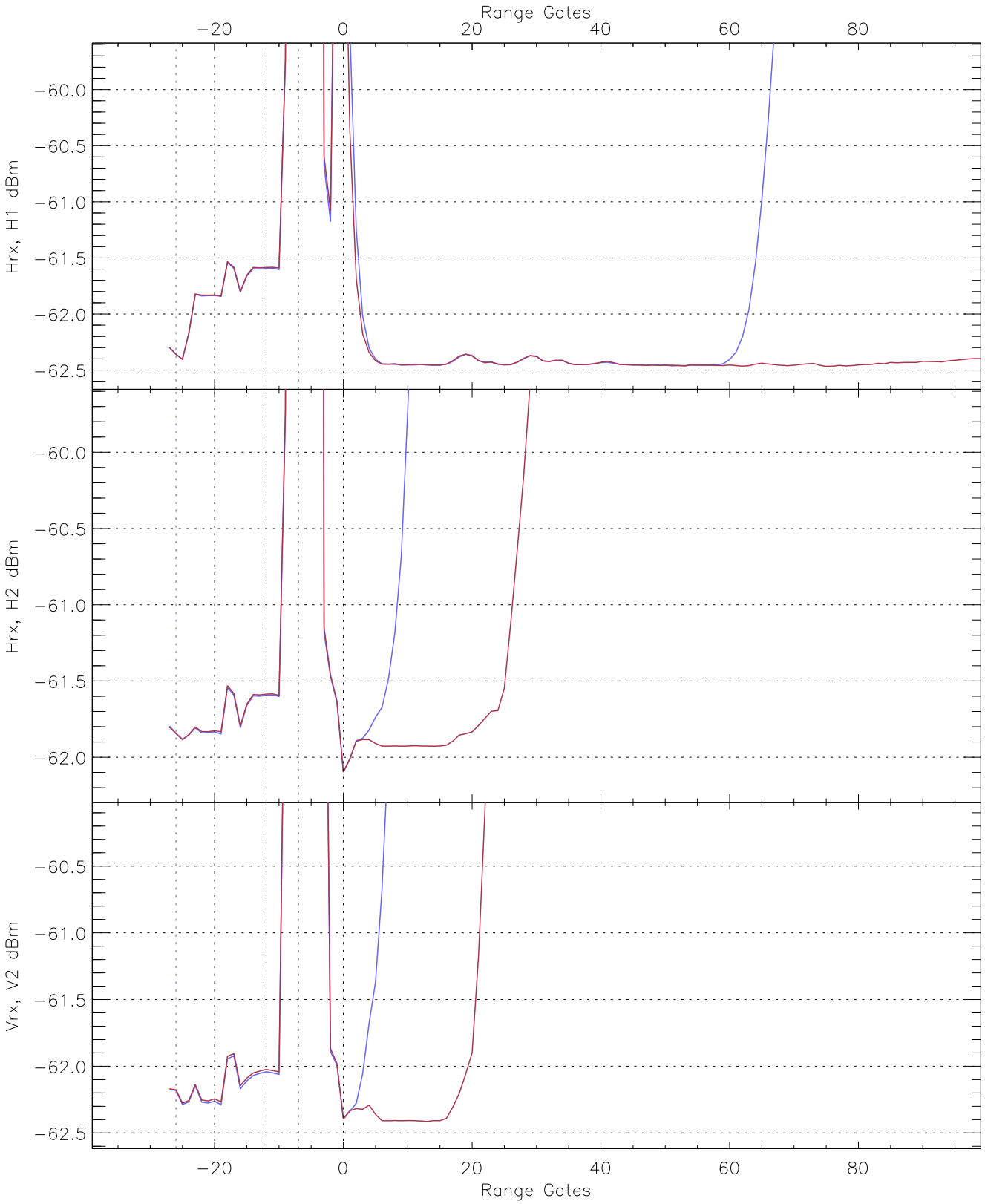


WCR2 CPP "Best" estimate Receivers Noise Power

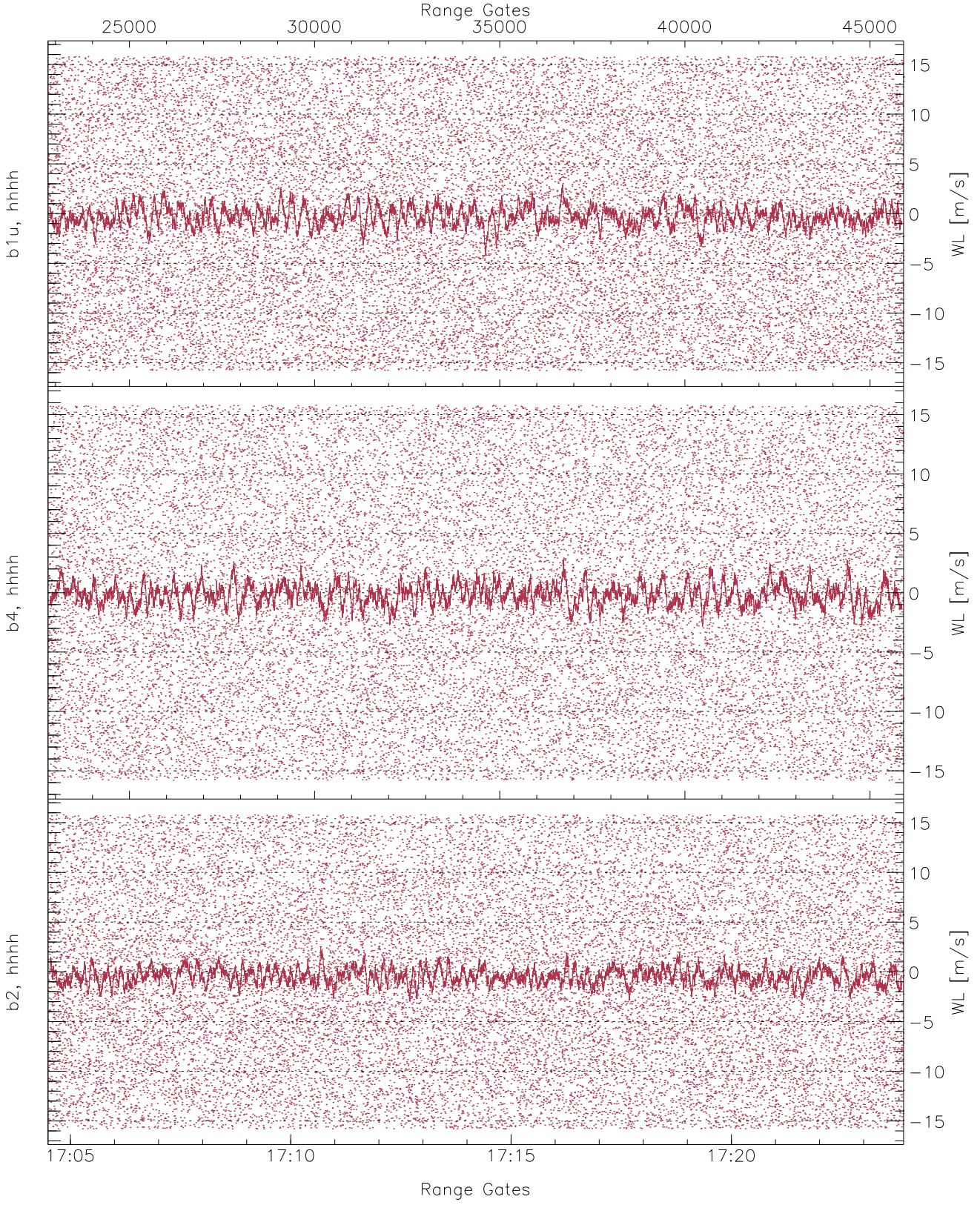
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.46	-61.45	-62.47	-62.47	-75.04
H2RG262_0 [dBm]	-62.88	-60.93	-61.94	-61.94	-74.49
V2RM_0 [dBm]	-63.34	-61.58	-62.42	-62.42	-74.96



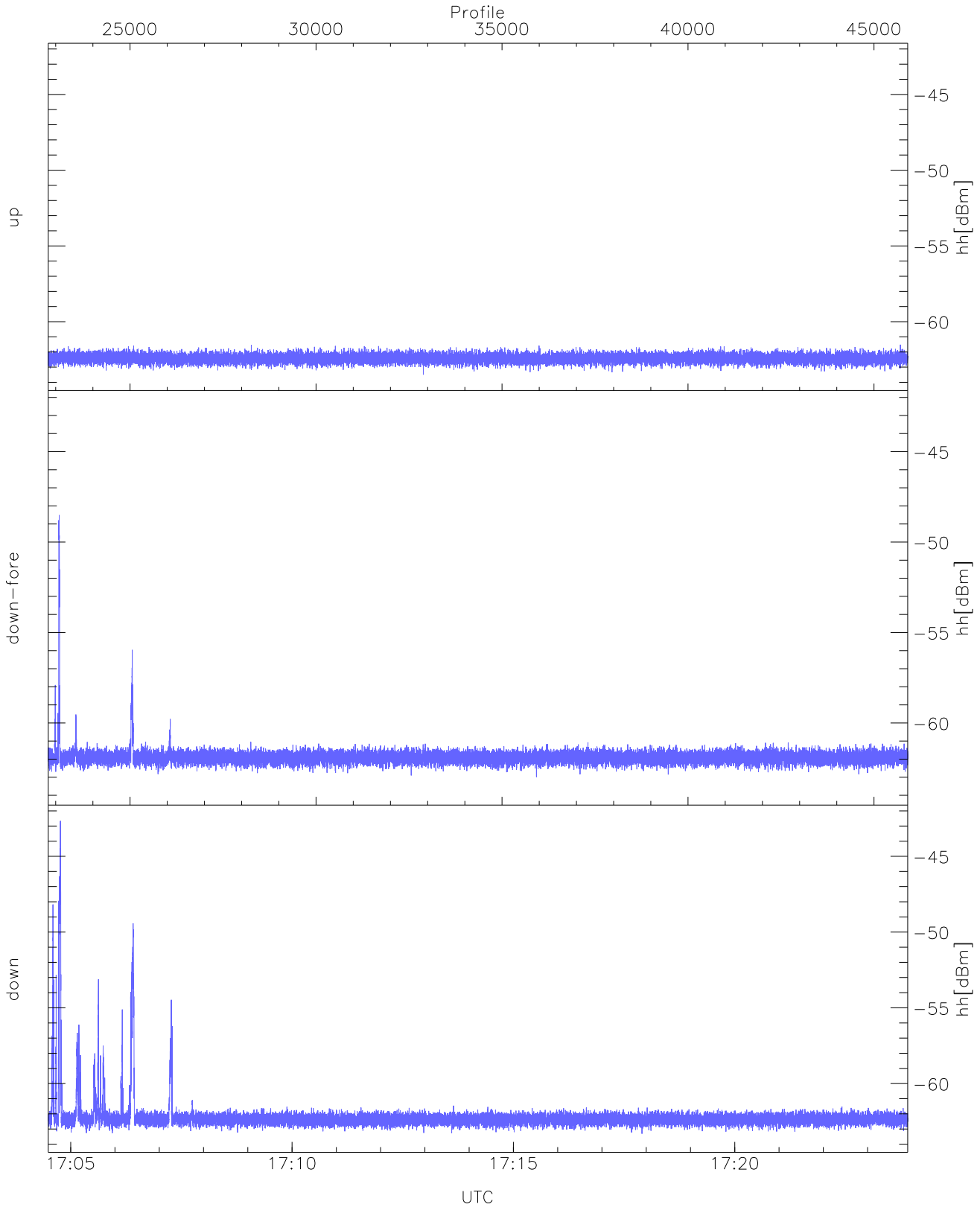
WCR2 CPP Averaged Received power for all recorded gates
blue: 170430-171412, 11555 profiles averaged
red: 171412-172354, 11554 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 170430-171412, 11555 profiles averaged
red: 171412-172354, 11554 profiles averaged

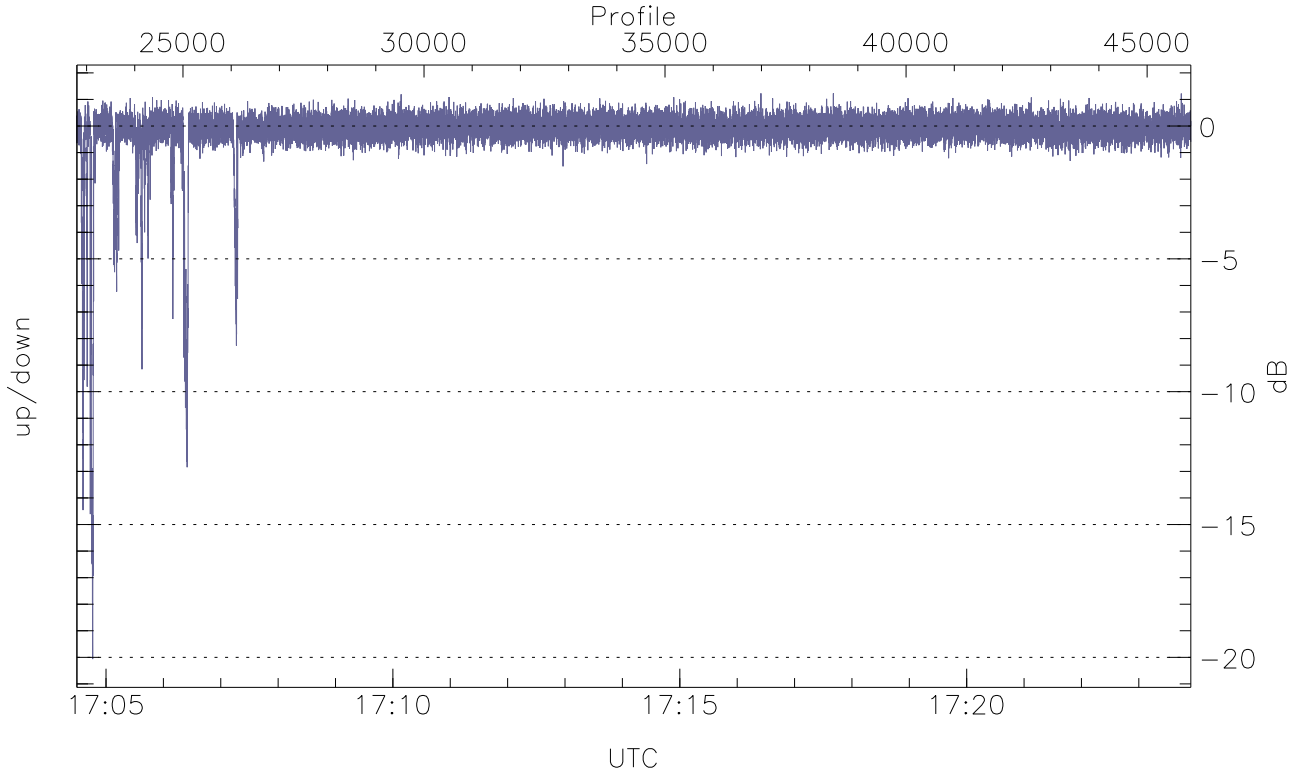


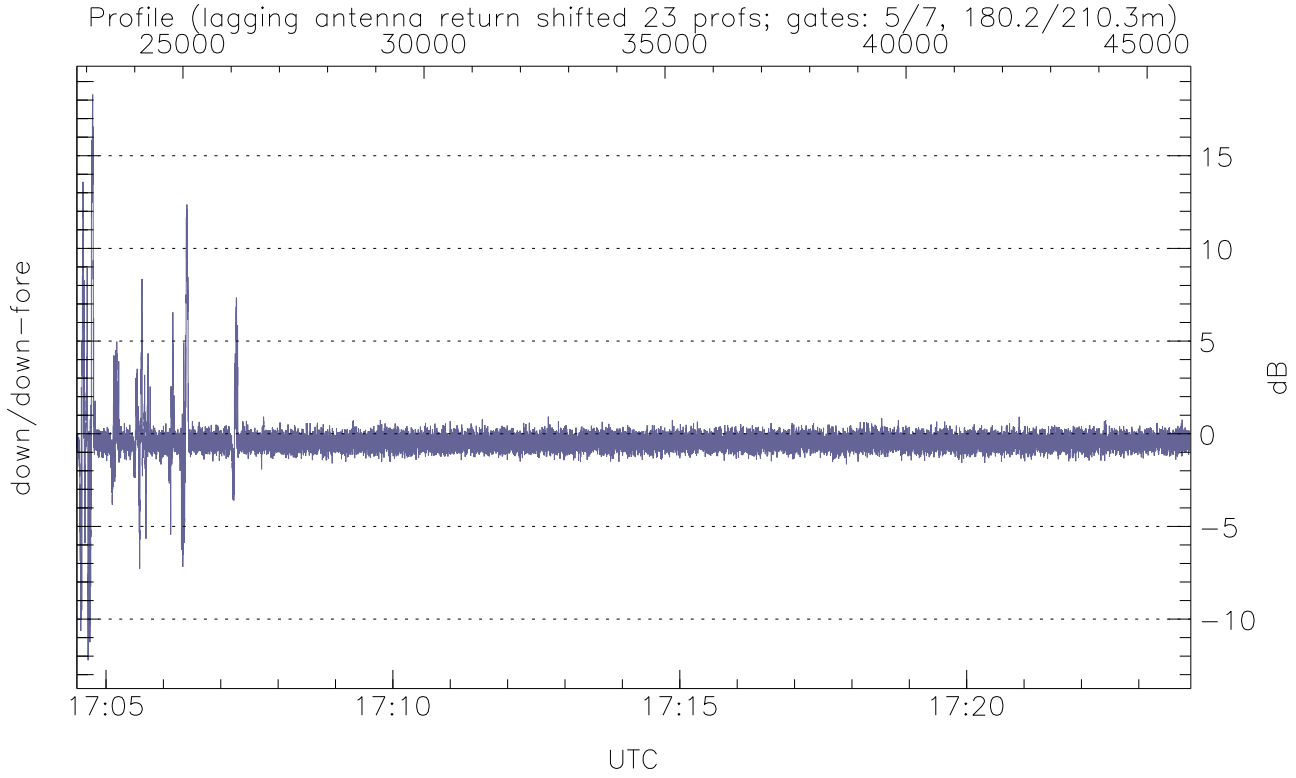
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

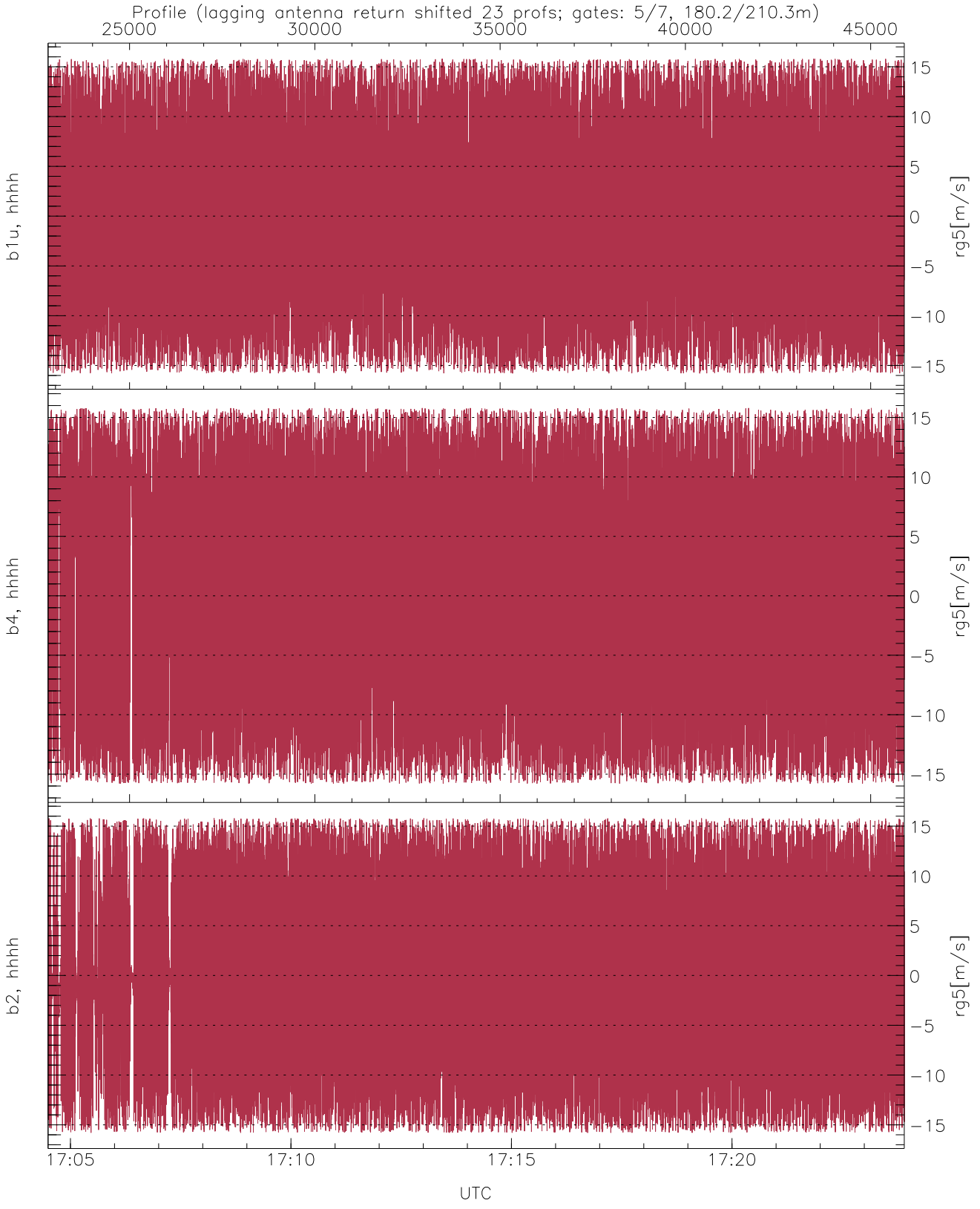
	Min	Max	Mean
up(hh[dBm])	-63.50	-61.52	-62.41
down-fore(hh[dBm])	-62.99	-48.51	-61.82
down(hh[dBm])	-63.31	-42.66	-61.84





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

	Min	Max	Mean
up/down(dB)	-20.06	1.23	-0.19
down/down-fore(dB)	-12.22	18.30	-0.39



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.26	8.67
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.07	9.02
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.55	8.89