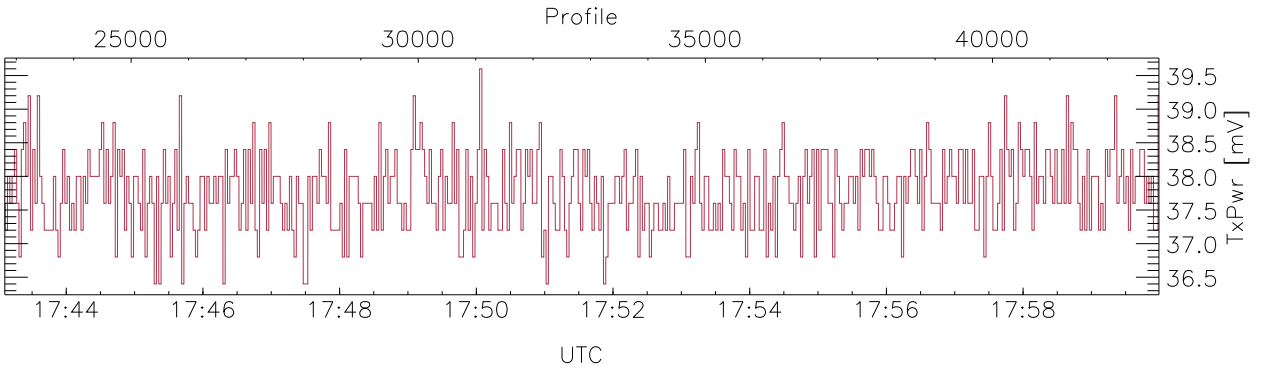
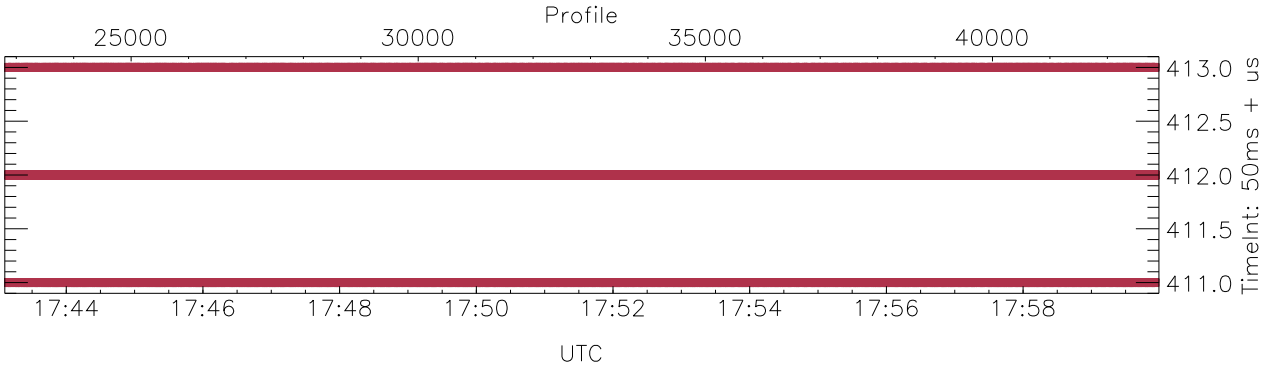
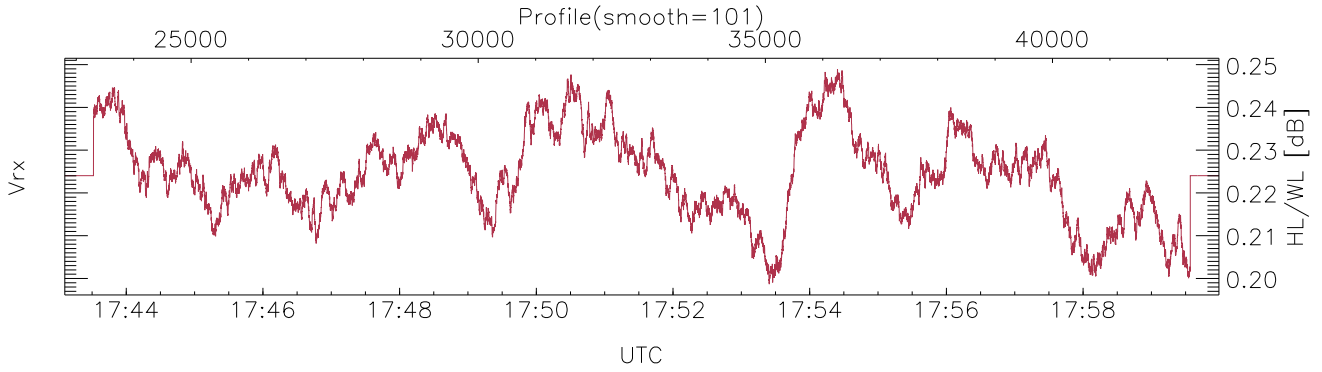
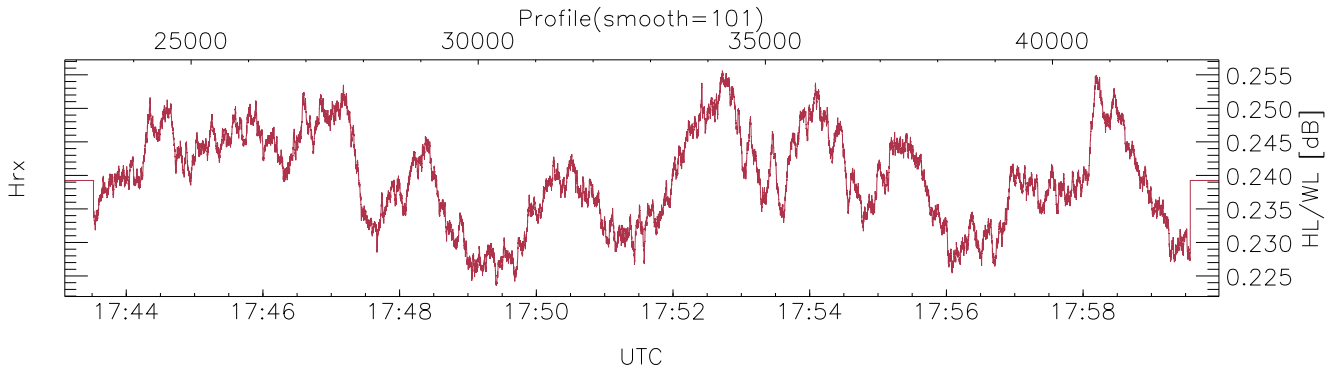


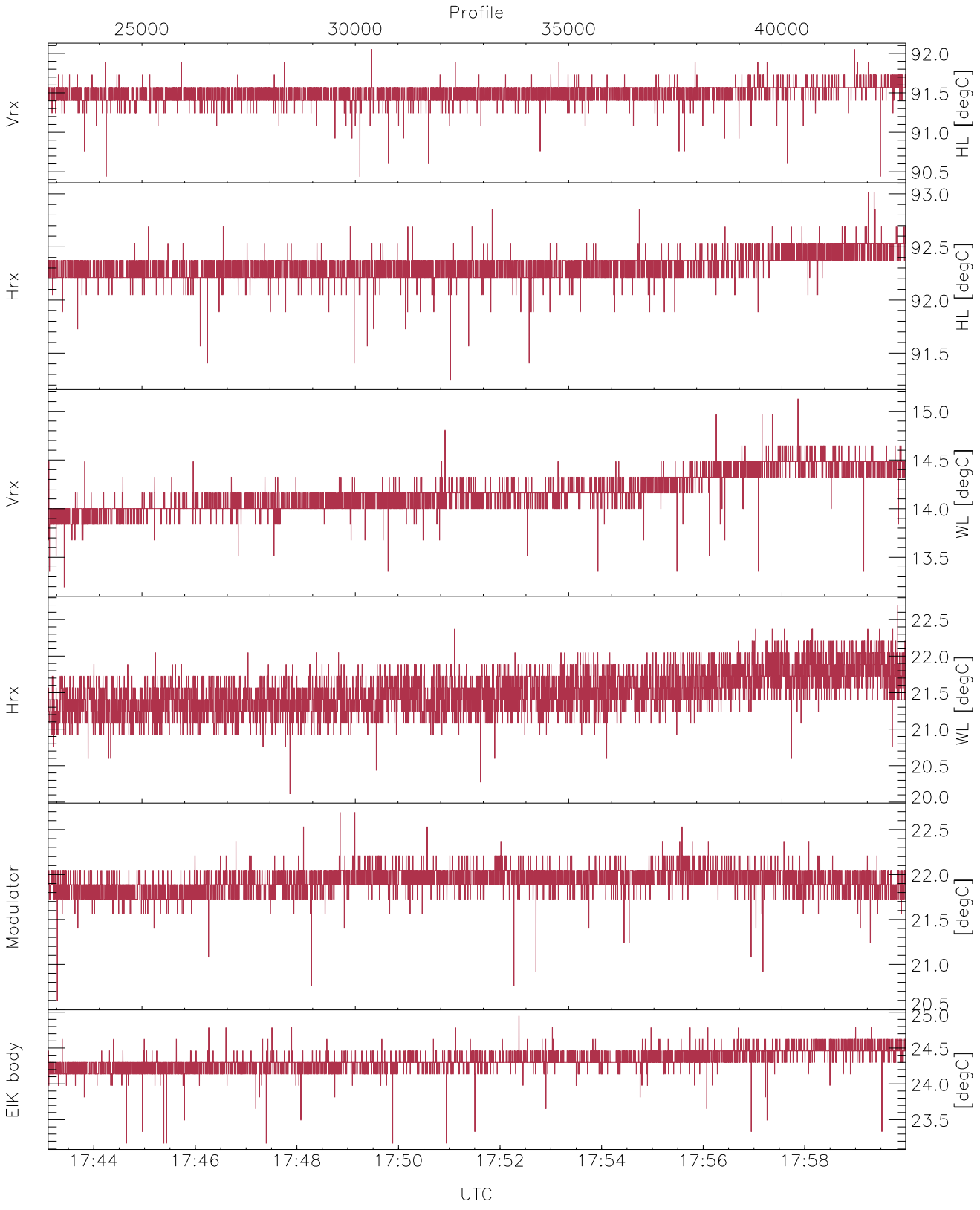






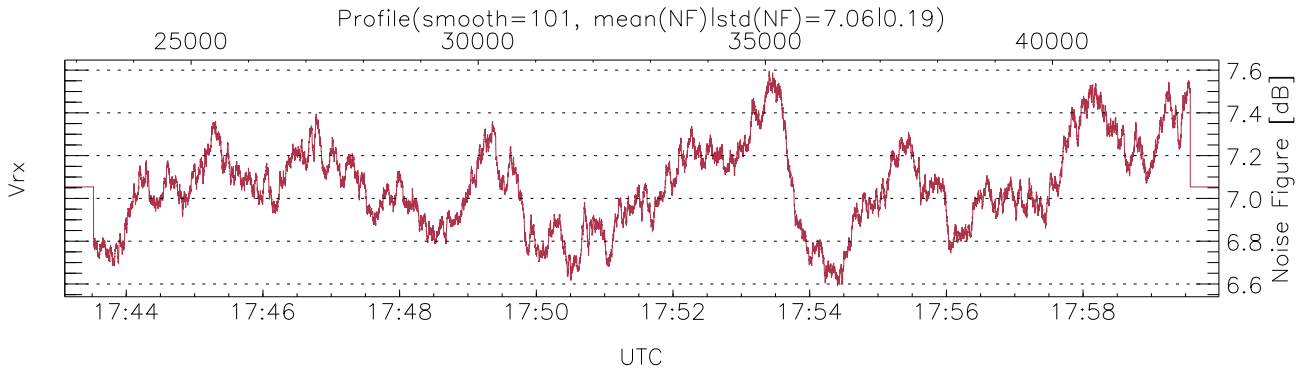
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

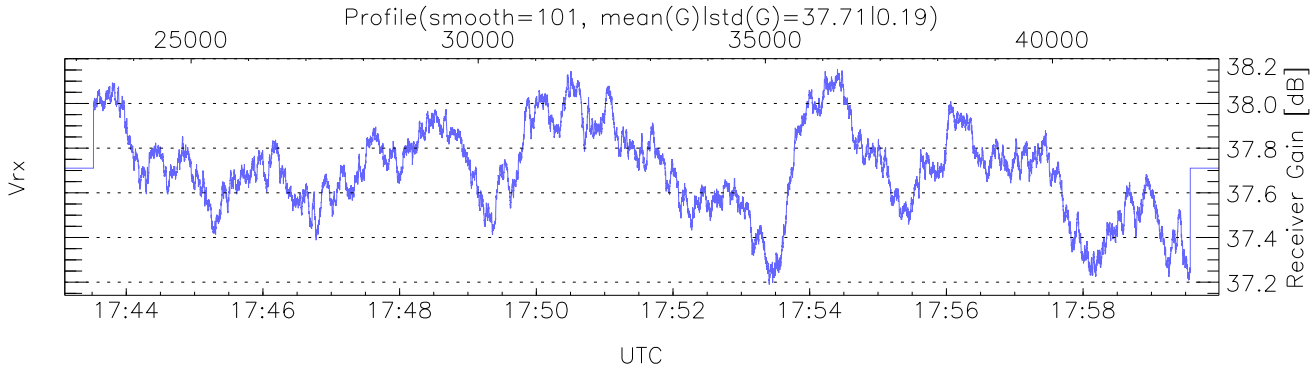
UTC: 17:23:57-17:59:59, Dur: 2162.65s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 20100/42900, 22800-42899/17:43:06-17:59:59
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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|sideup|error): 1

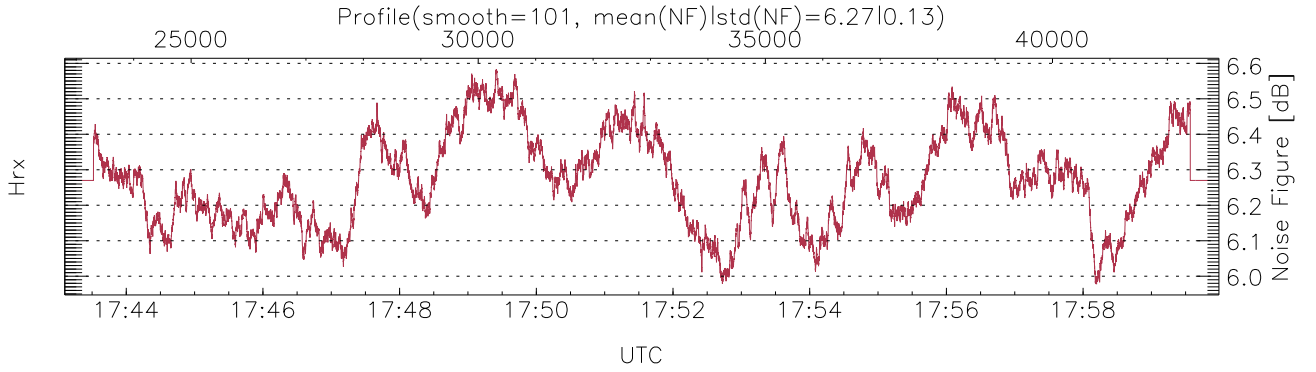


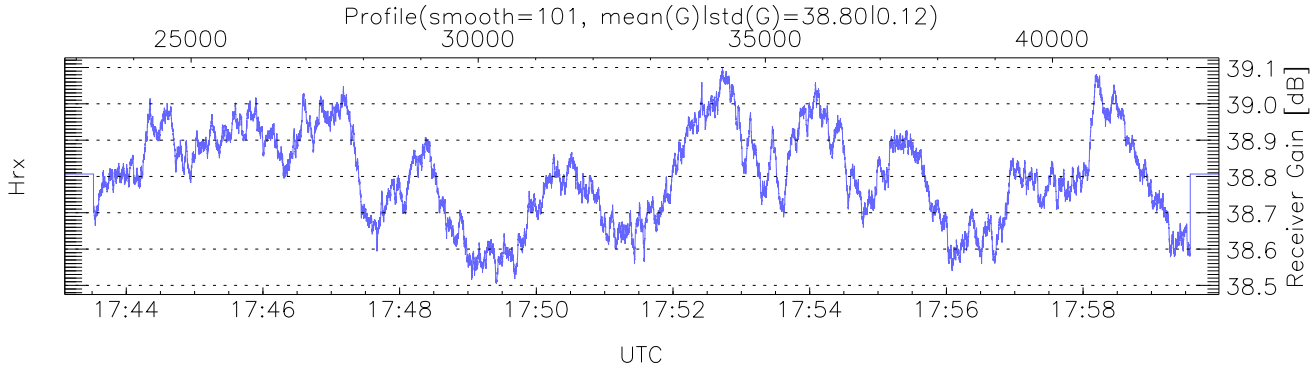
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,20,20,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,22,22,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,6,6,6,6)



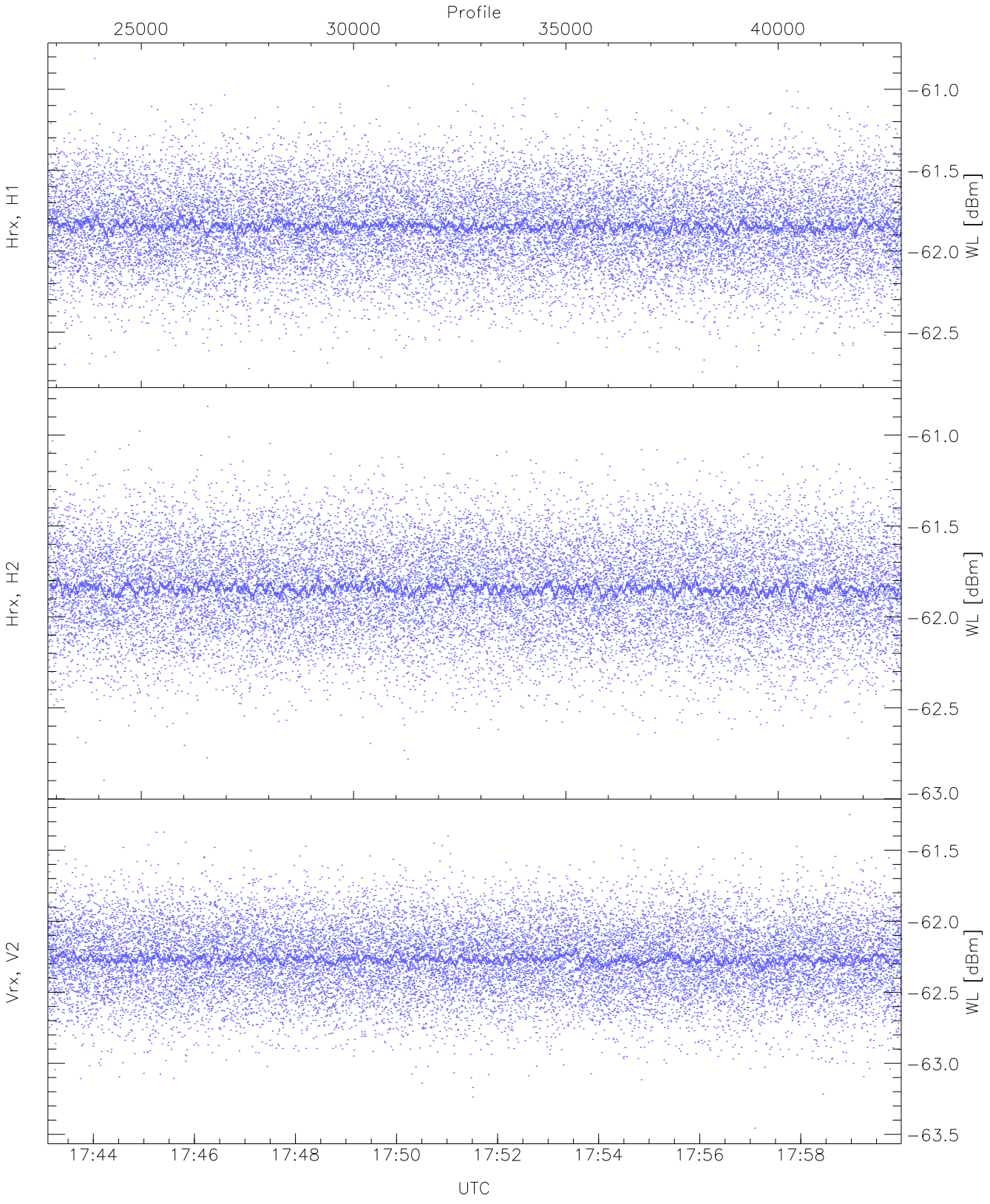






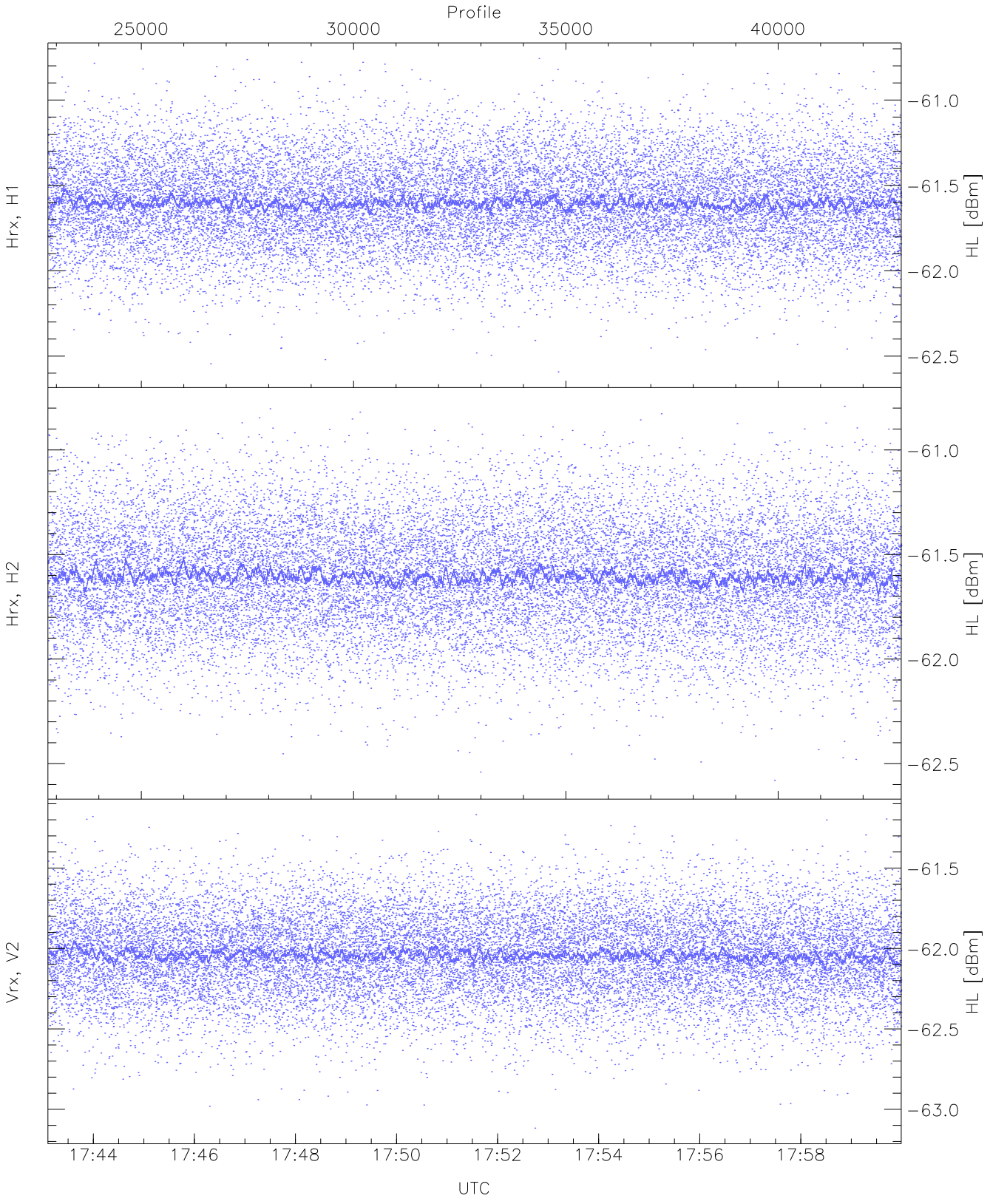
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 11118 pixs, 49 gates, 9104 profs, 2 prods



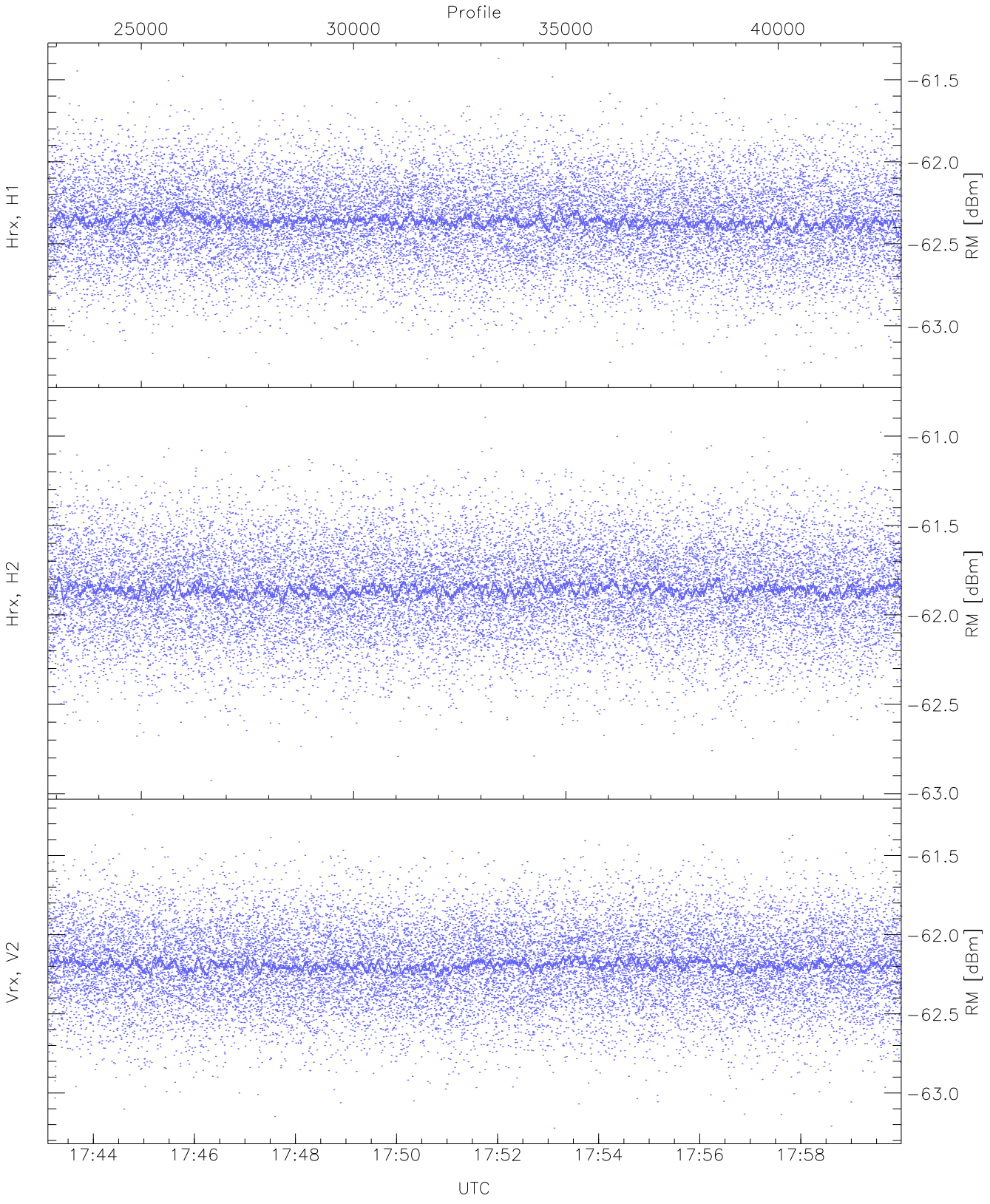
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.75	-60.81	-61.84	-61.84	-74.43
Hrx, H2(WL [dBm])	-62.90	-60.84	-61.84	-61.84	-74.44
Vrx, V2(WL [dBm])	-63.46	-61.25	-62.26	-62.27	-74.84



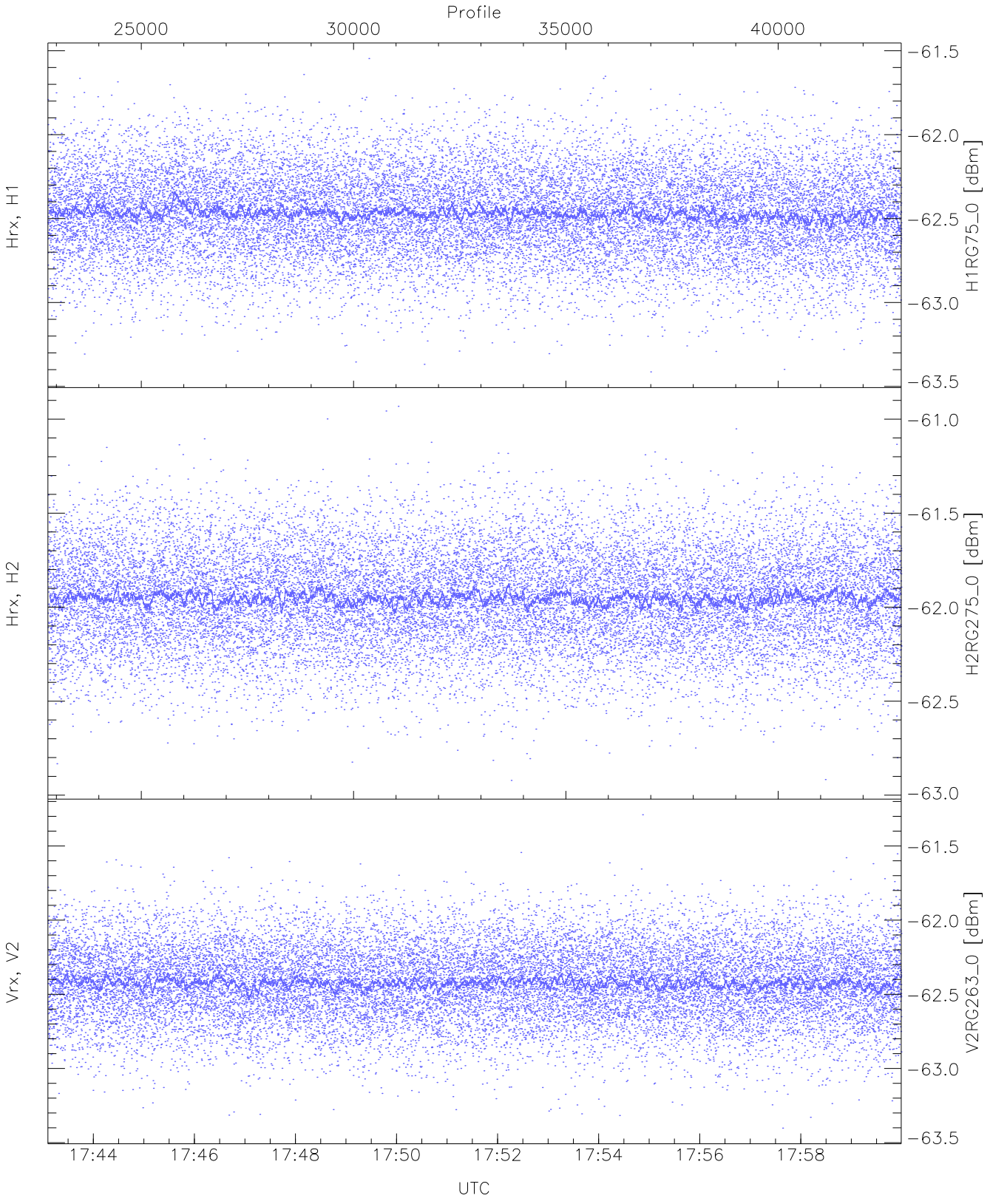
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.59	-60.76	-61.60	-61.61	-74.15
Hrx, H2(HL [dBm])	-62.58	-60.79	-61.60	-61.61	-74.18
Vrx, V2(HL [dBm])	-63.12	-61.17	-62.04	-62.04	-74.60



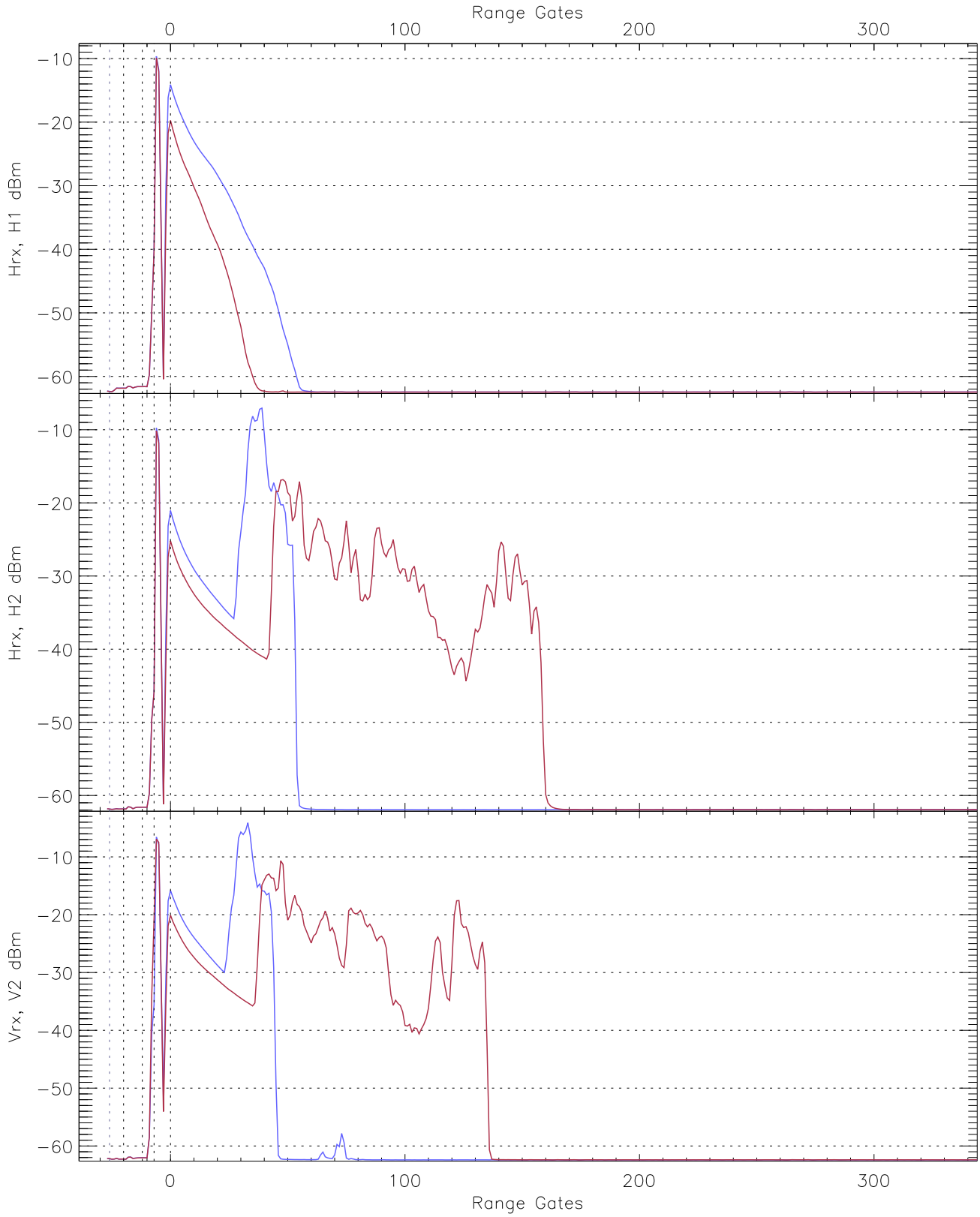
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.28	-61.37	-62.36	-62.36	-74.96
Hrx, H2(RM [dBm])	-62.93	-60.83	-61.86	-61.86	-74.39
Vrx, V2(RM [dBm])	-63.22	-61.24	-62.19	-62.19	-74.73

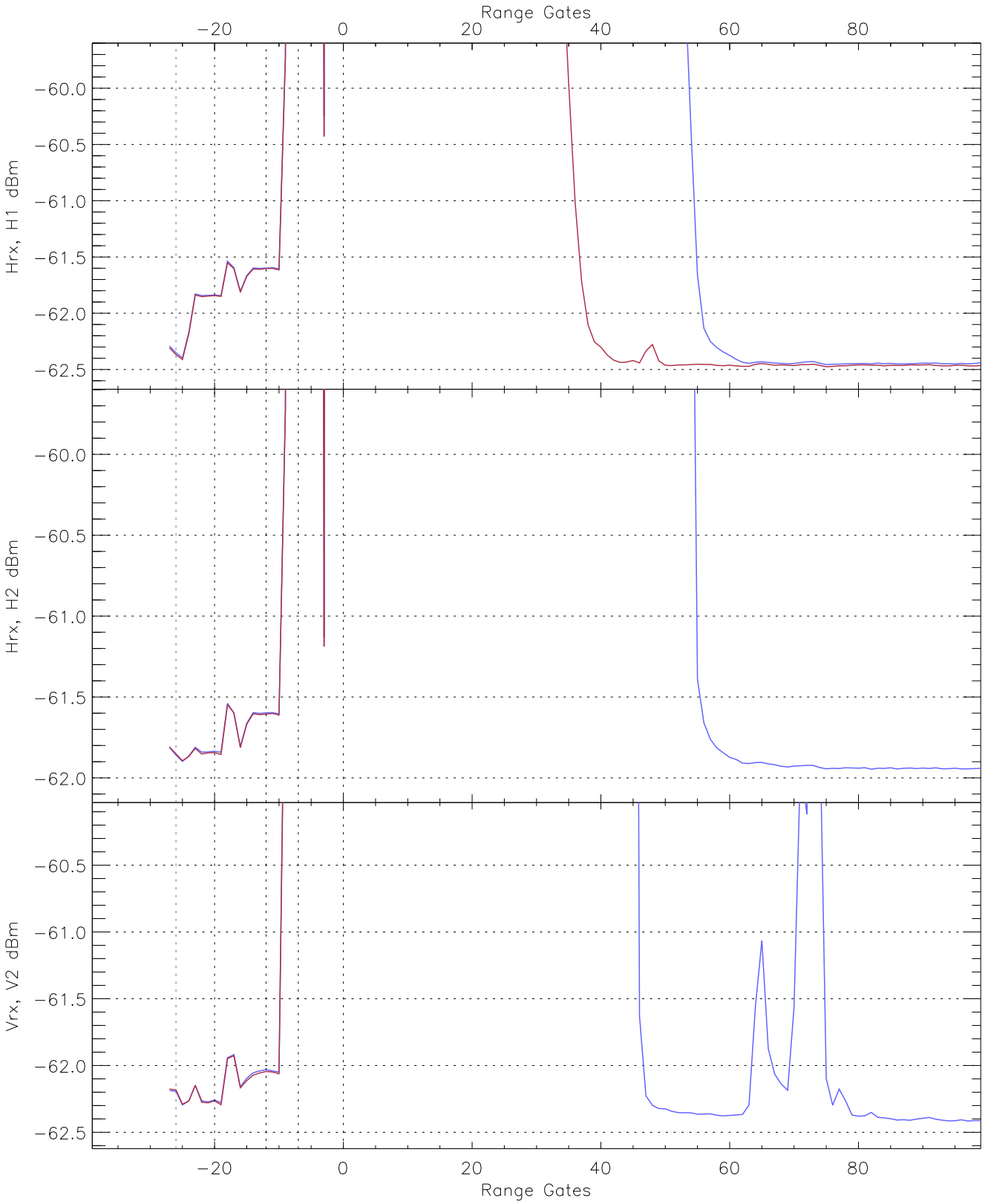


WCR2 CPP "Best" estimate Receivers Noise Power

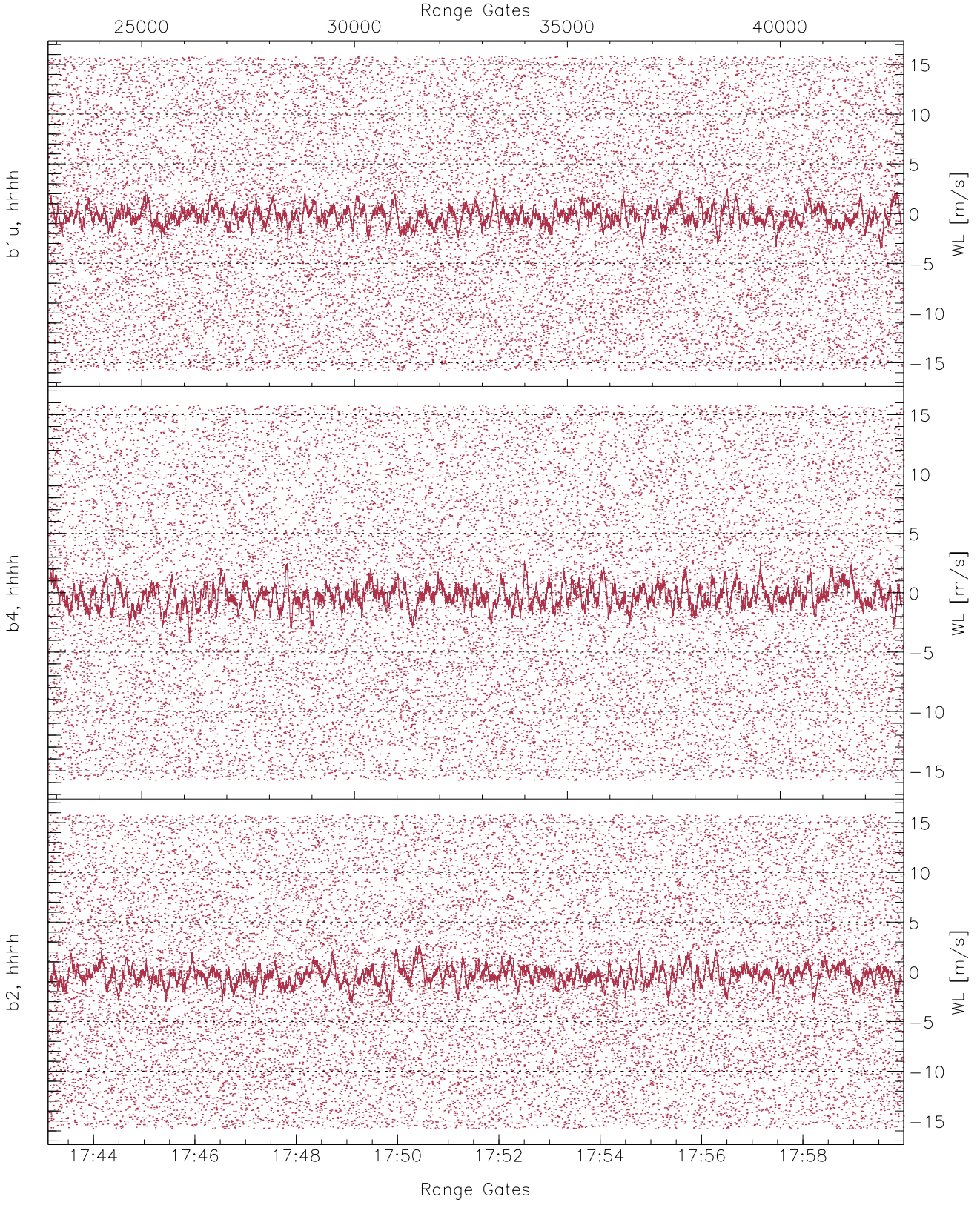
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.41	-61.55	-62.47	-62.47	-75.04
H2RG275_0 [dBm]	-62.92	-60.93	-61.95	-61.95	-74.51
V2RG263_0 [dBm]	-63.40	-61.29	-62.42	-62.42	-74.99



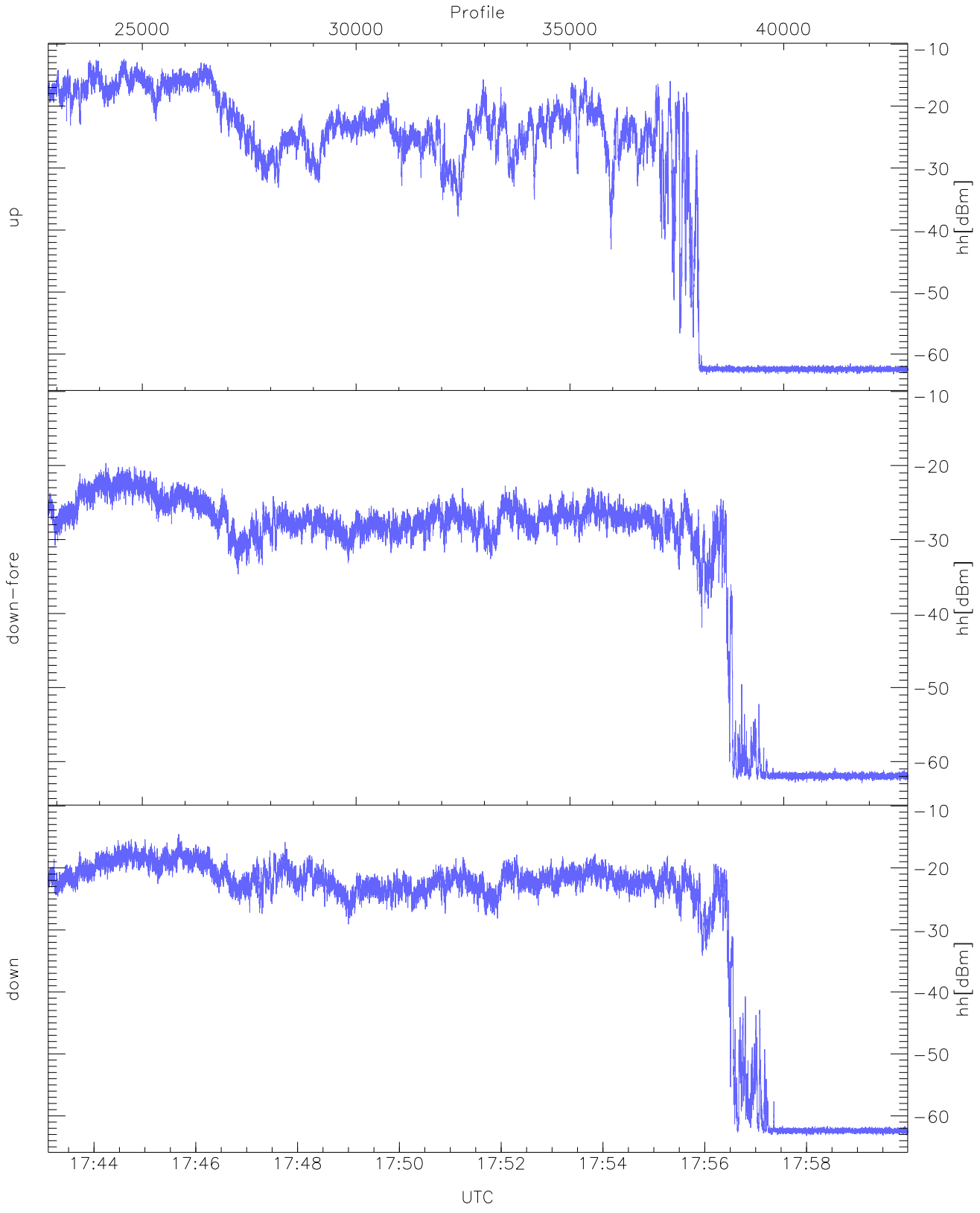
WCR2 CPP Averaged Received power for all recorded gates
blue: 174306-175133, 10051 profiles averaged
red: 175133-175959, 10050 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 174306-175133, 10051 profiles averaged
red: 175133-175959, 10050 profiles averaged

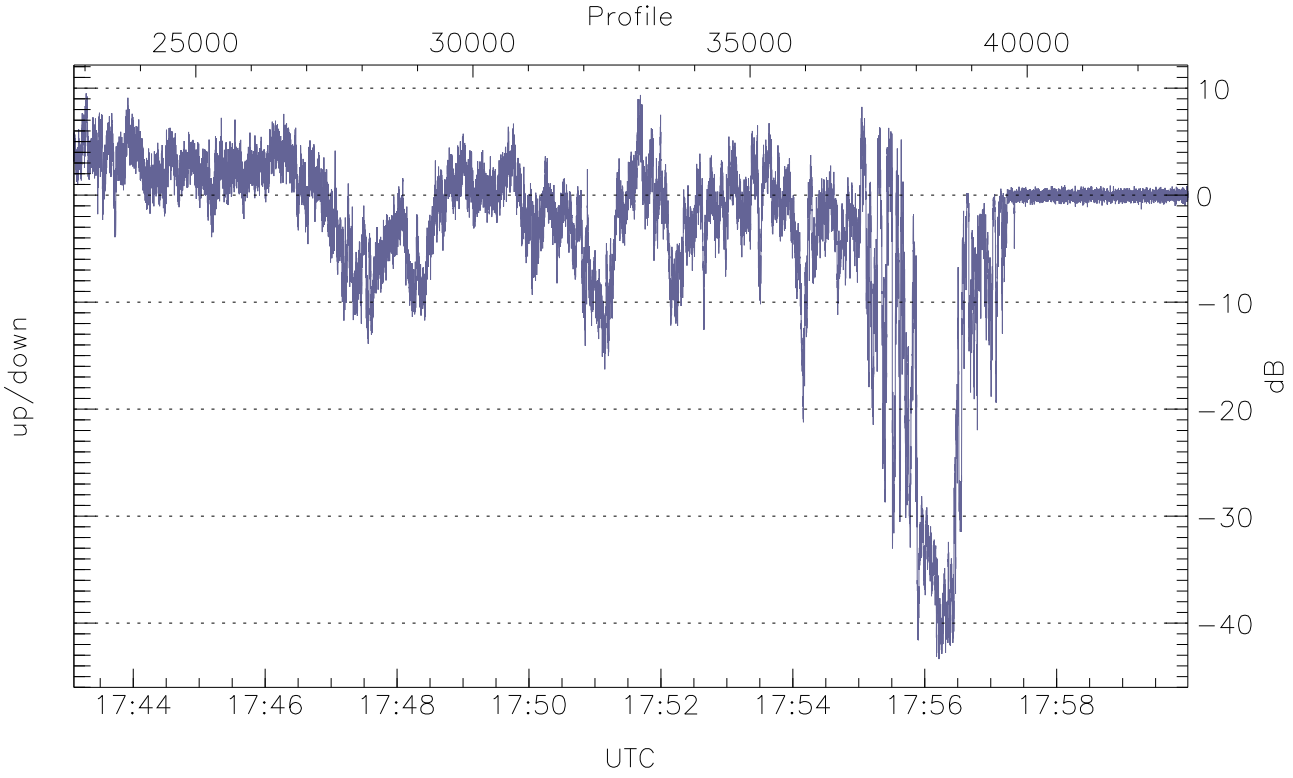


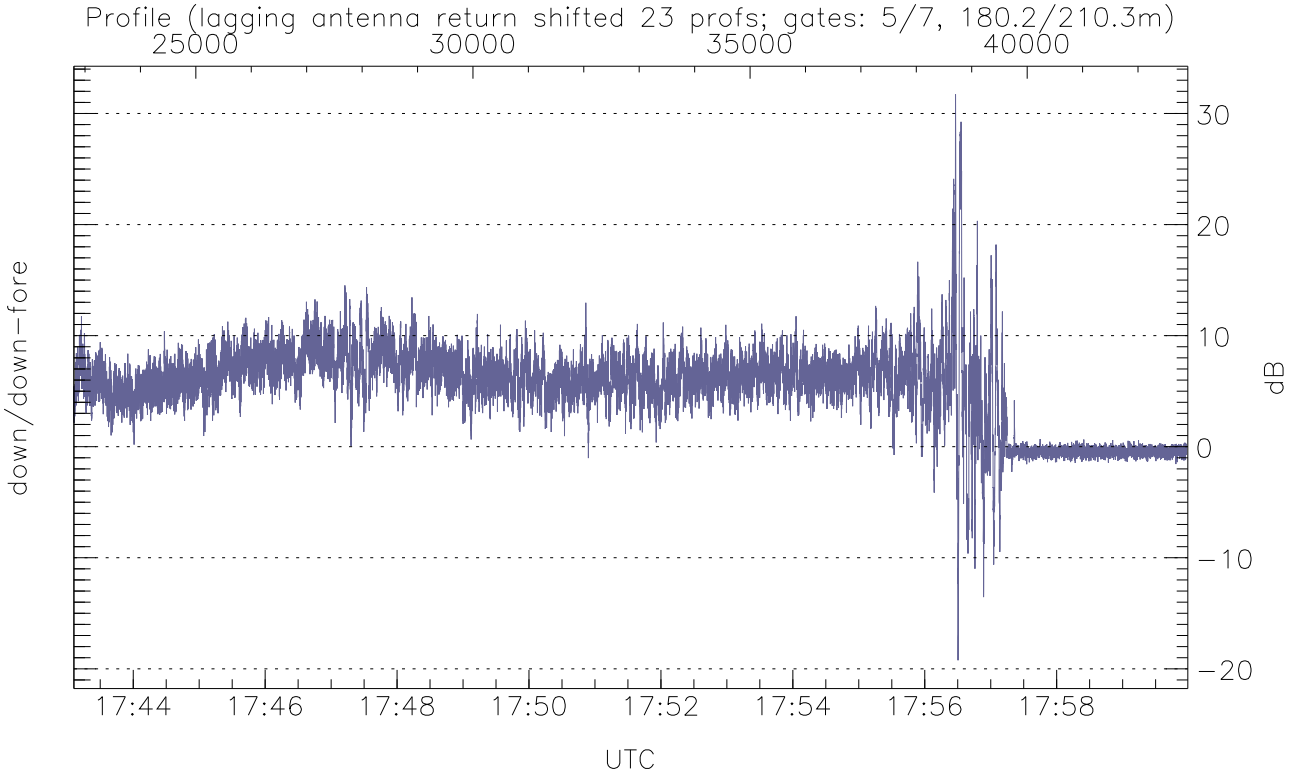
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

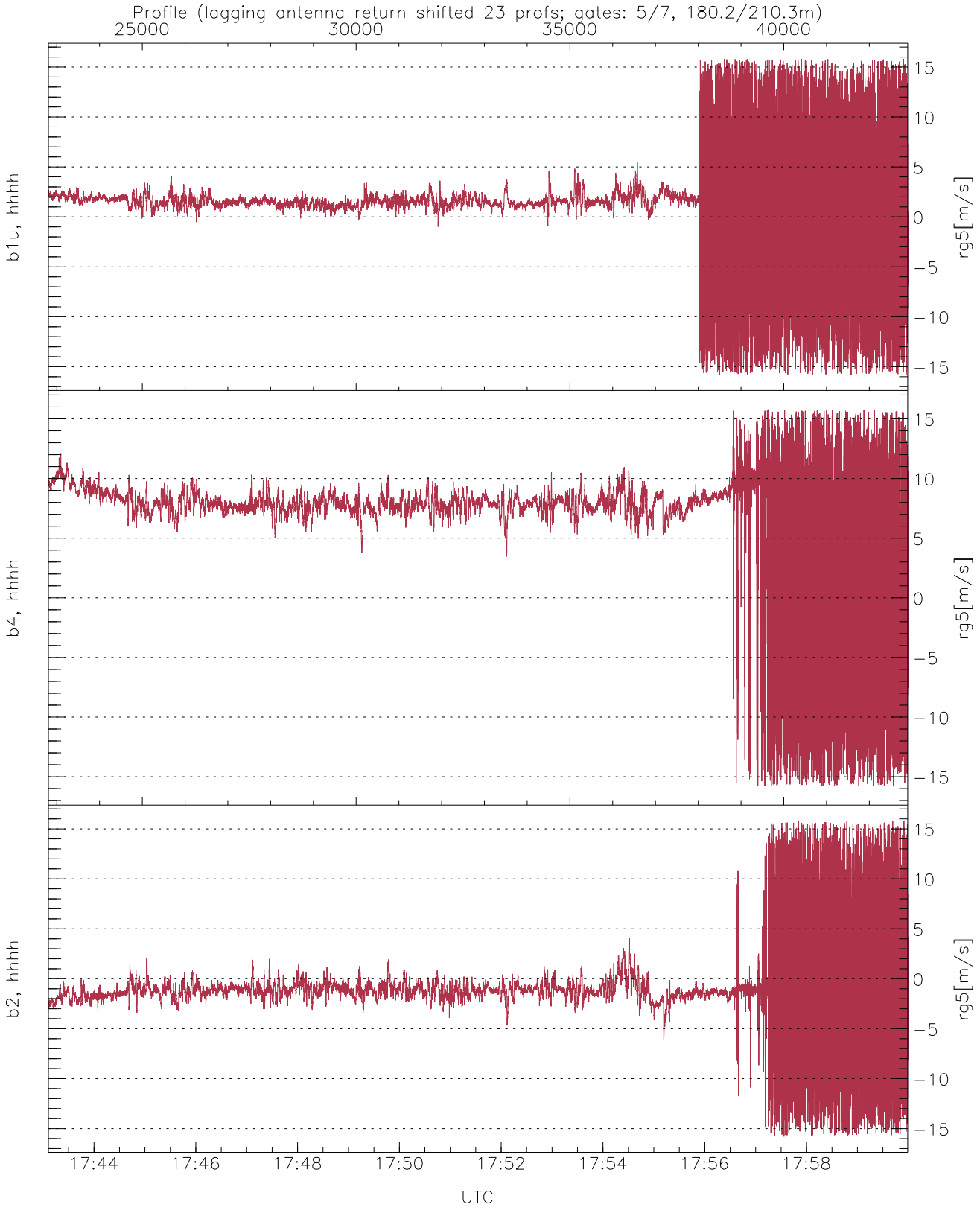
	Min	Max	Mean
up(hh[dBm])	-63.33	-12.41	-21.43
down-fore(hh[dBm])	-62.91	-19.66	-27.36
down(hh[dBm])	-63.21	-14.52	-22.20





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

	Min	Max	Mean
up/down(dB)	-43.36	9.52	-2.77
down/down-fore(dB)	-19.23	31.71	5.32



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	1.16	4.45
b4, hhhh(rg5[m/s])	-15.79	15.79	6.61	5.03
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.12	3.71