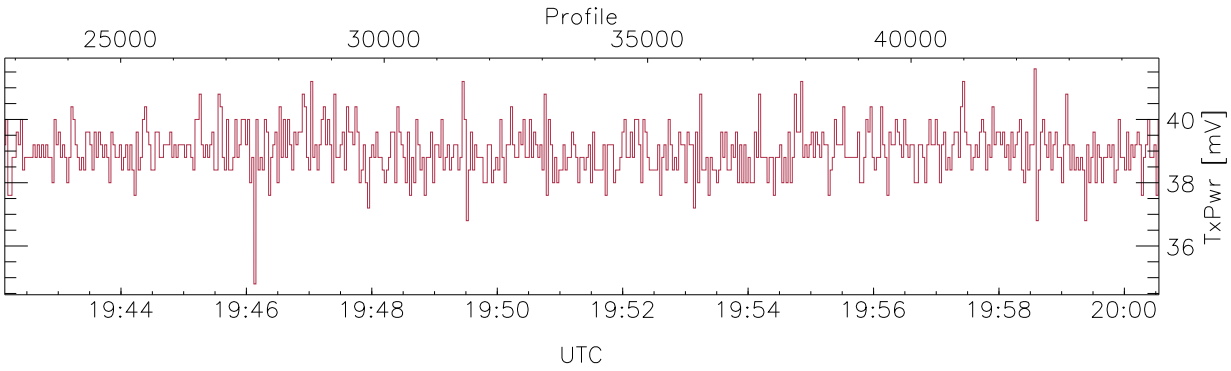
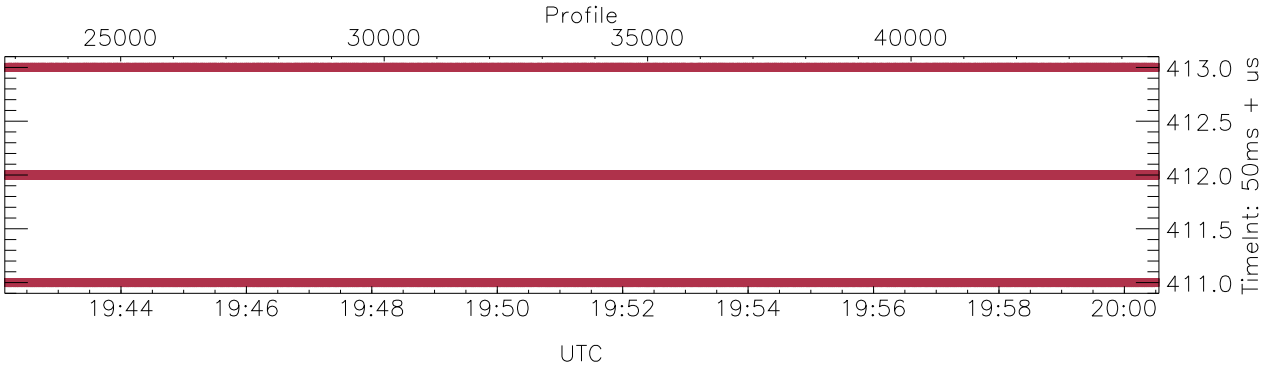
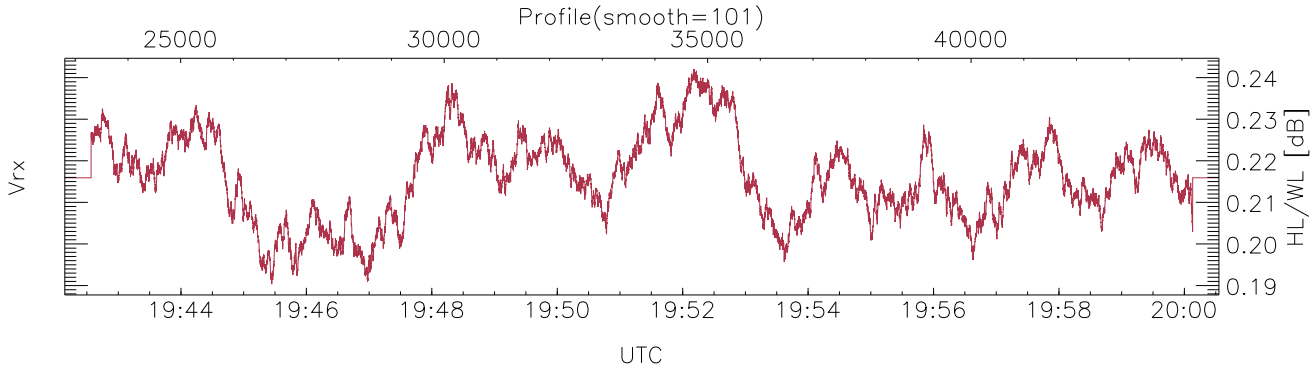
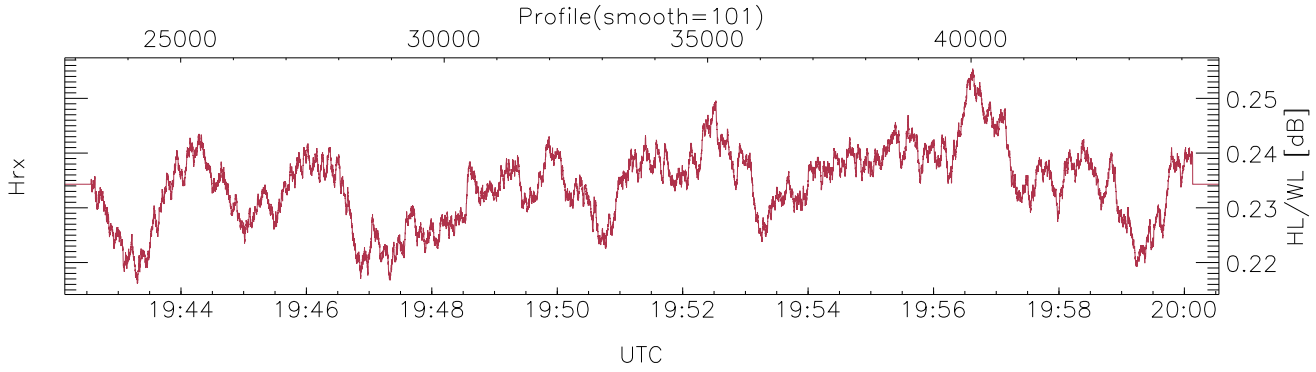


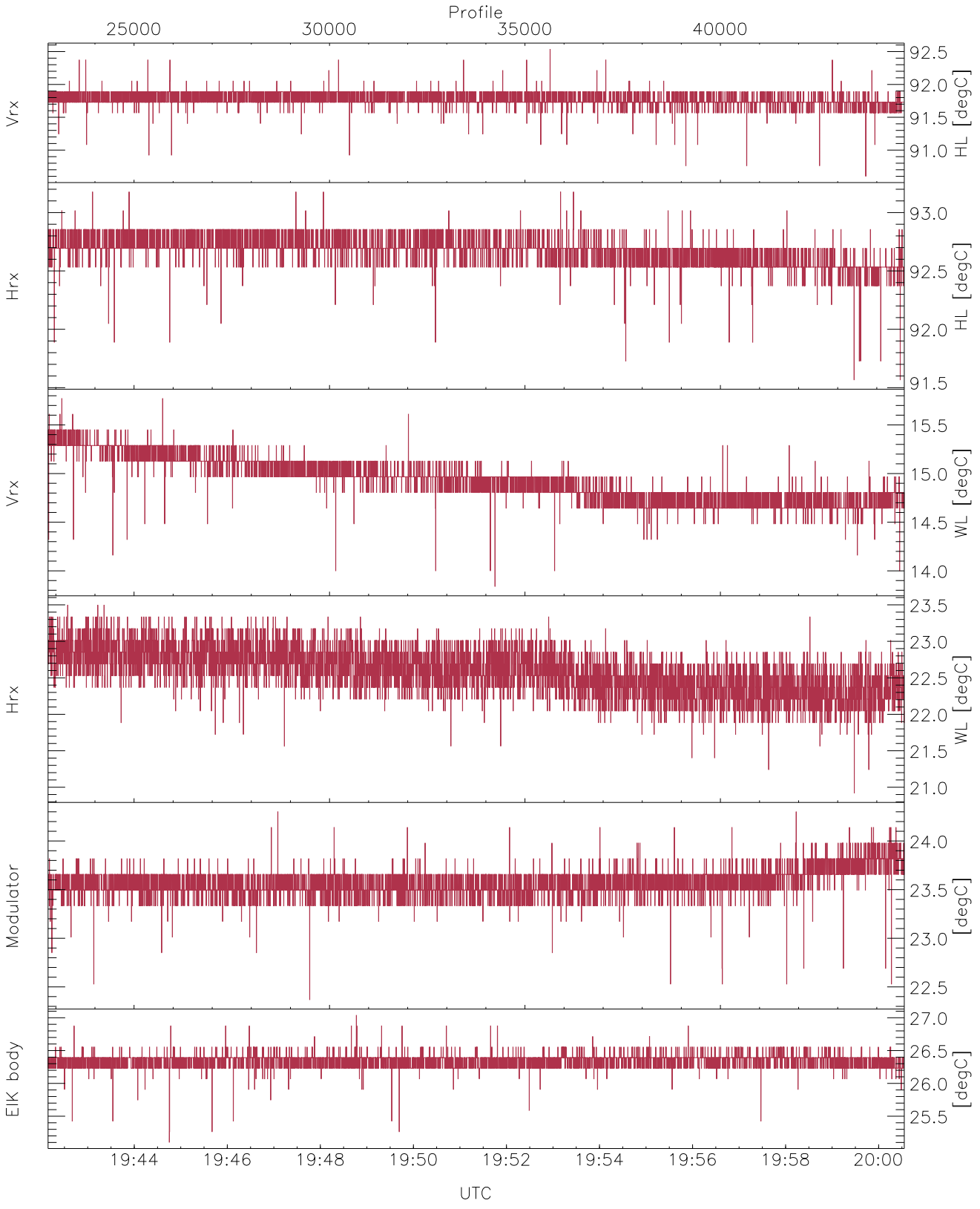






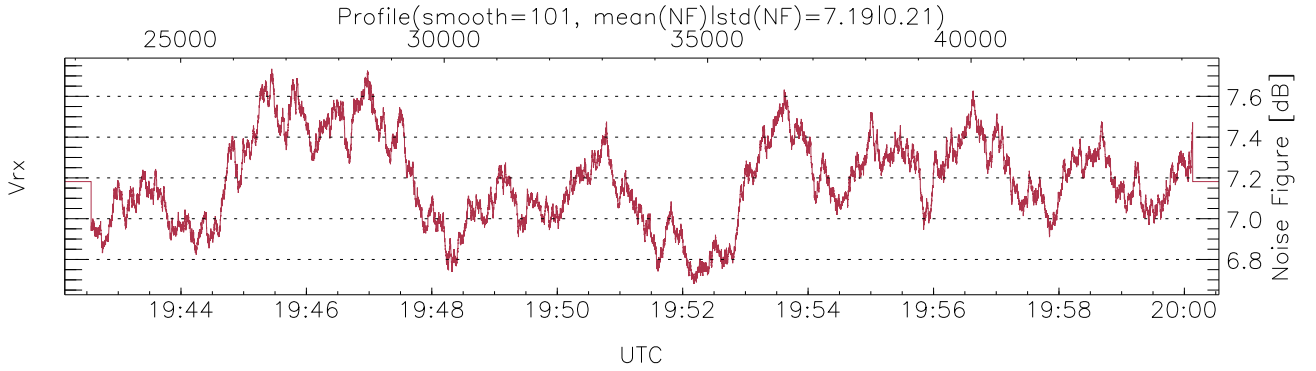
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

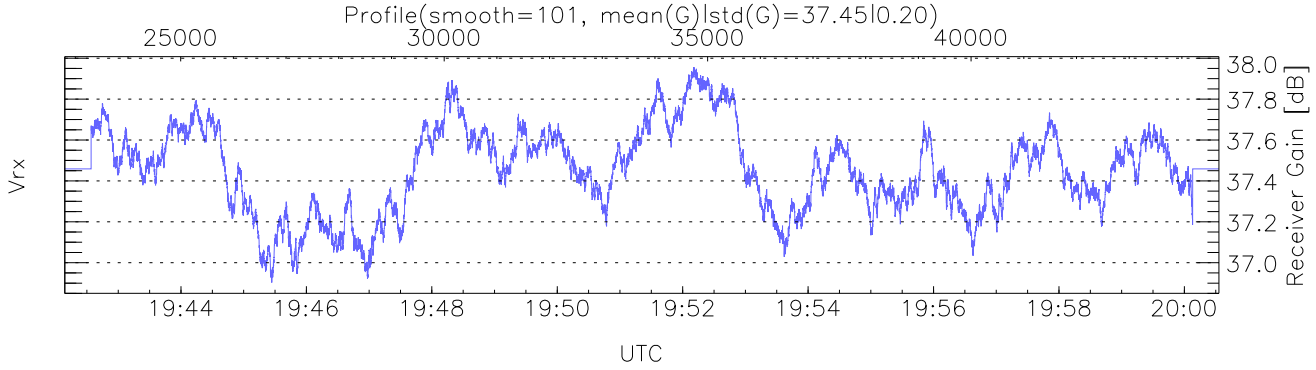
UTC: 19:22:59-20:00:33, Dur: 2253.65s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 21905/44705, 22800-44704/19:42:09-20:00:33
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

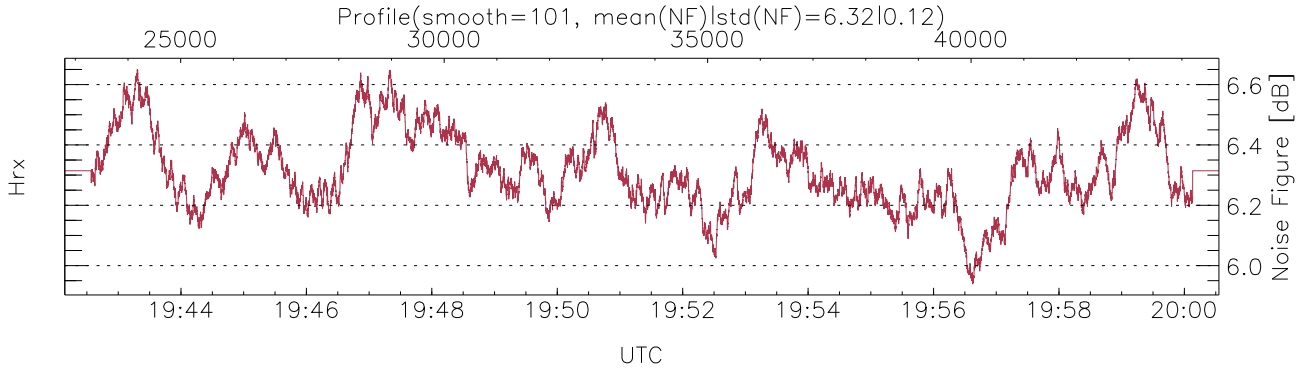


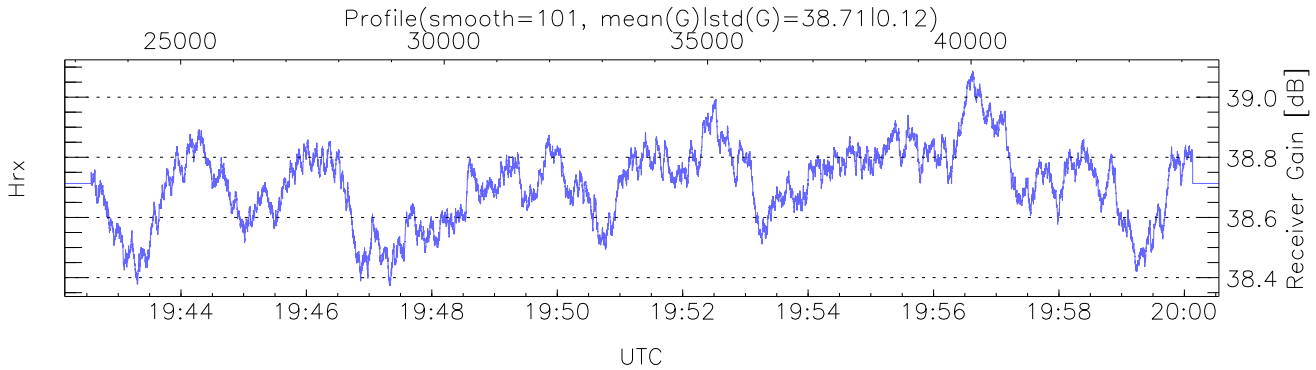
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,20,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,11)



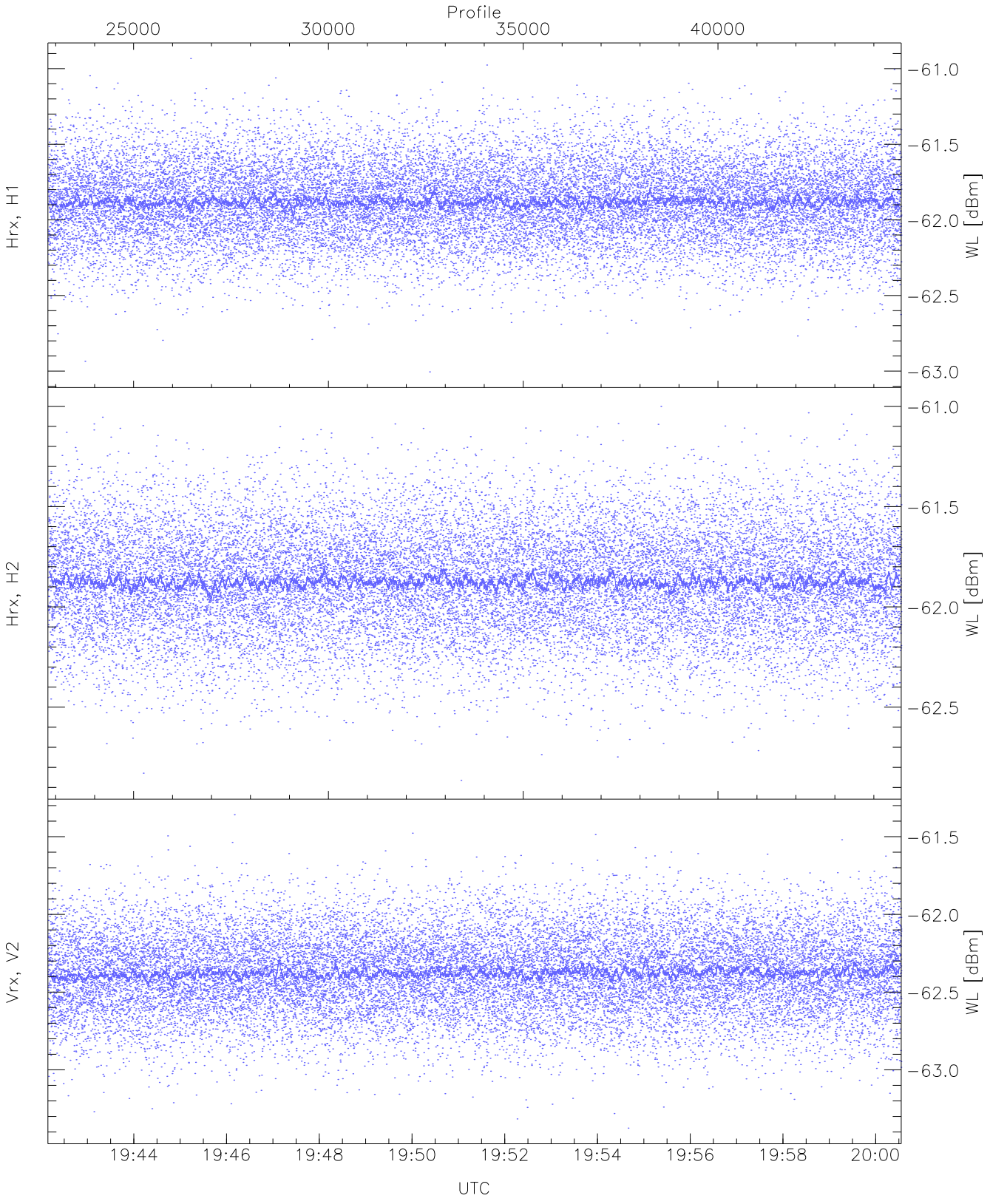






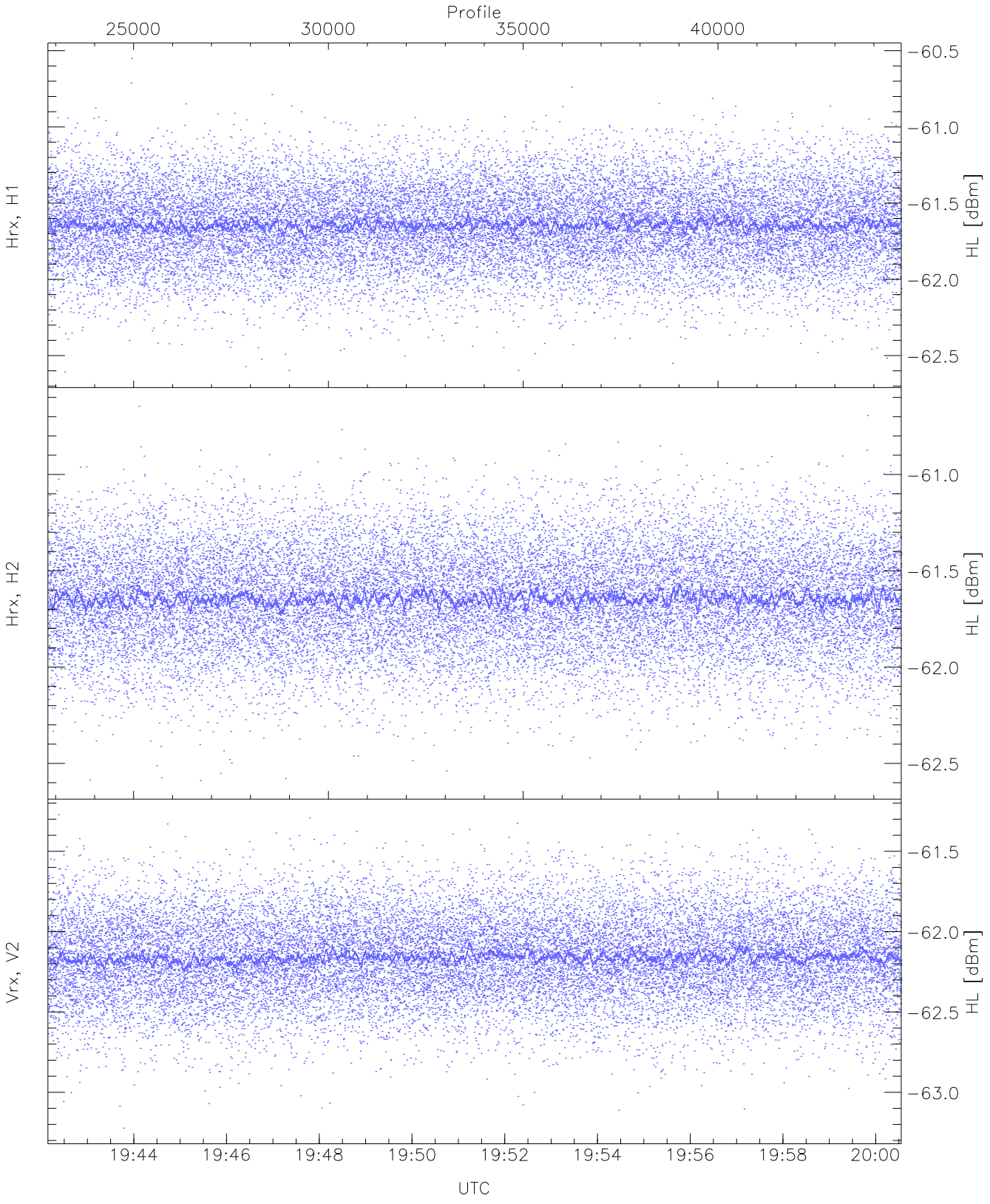
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2985 pixs, 51 gates, 2949 profs, 2 prods



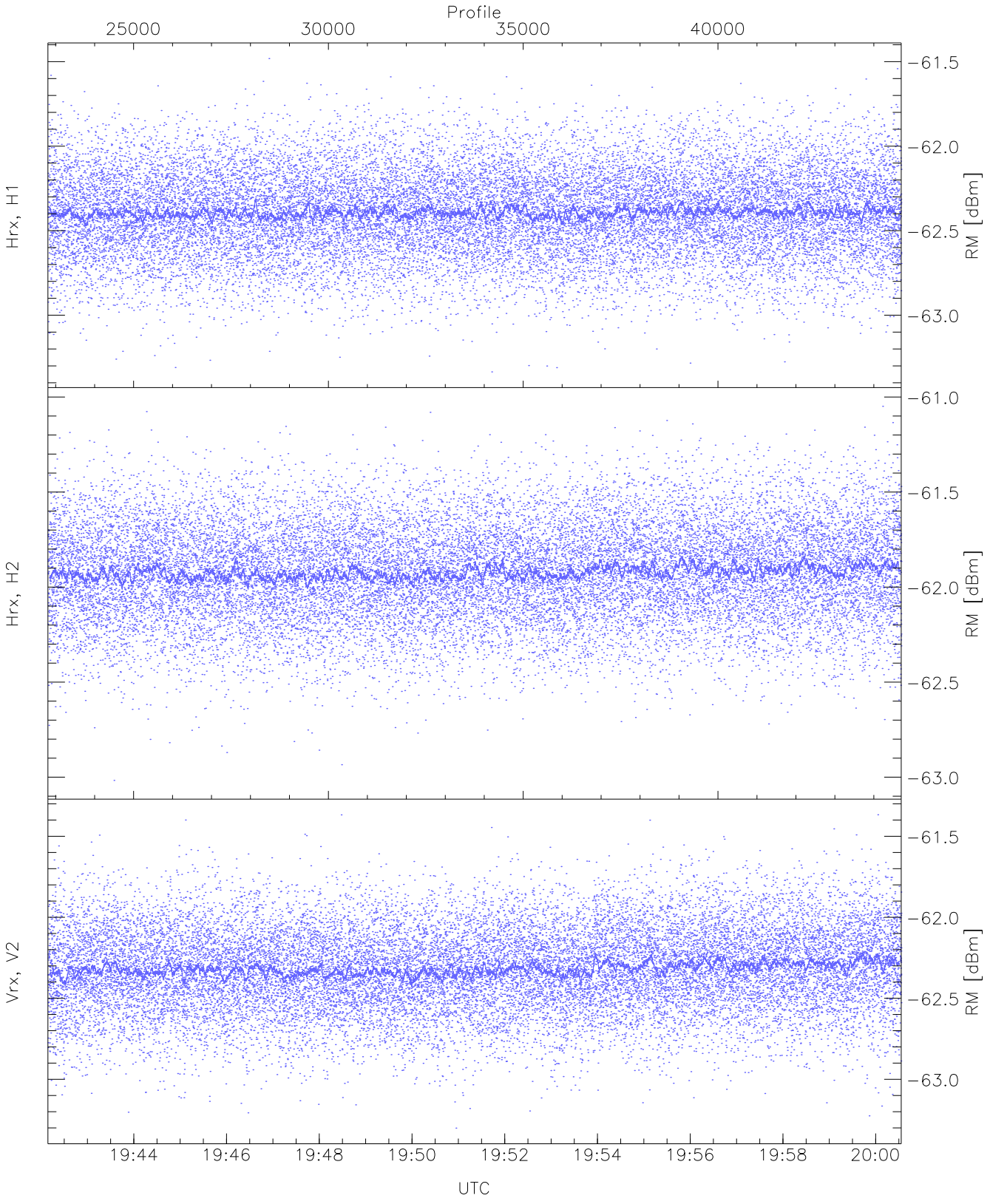
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.01	-60.93	-61.88	-61.88	-74.47
Hrx, H2(WL [dBm])	-62.87	-61.00	-61.87	-61.88	-74.45
Vrx, V2(WL [dBm])	-63.38	-61.36	-62.37	-62.38	-74.95



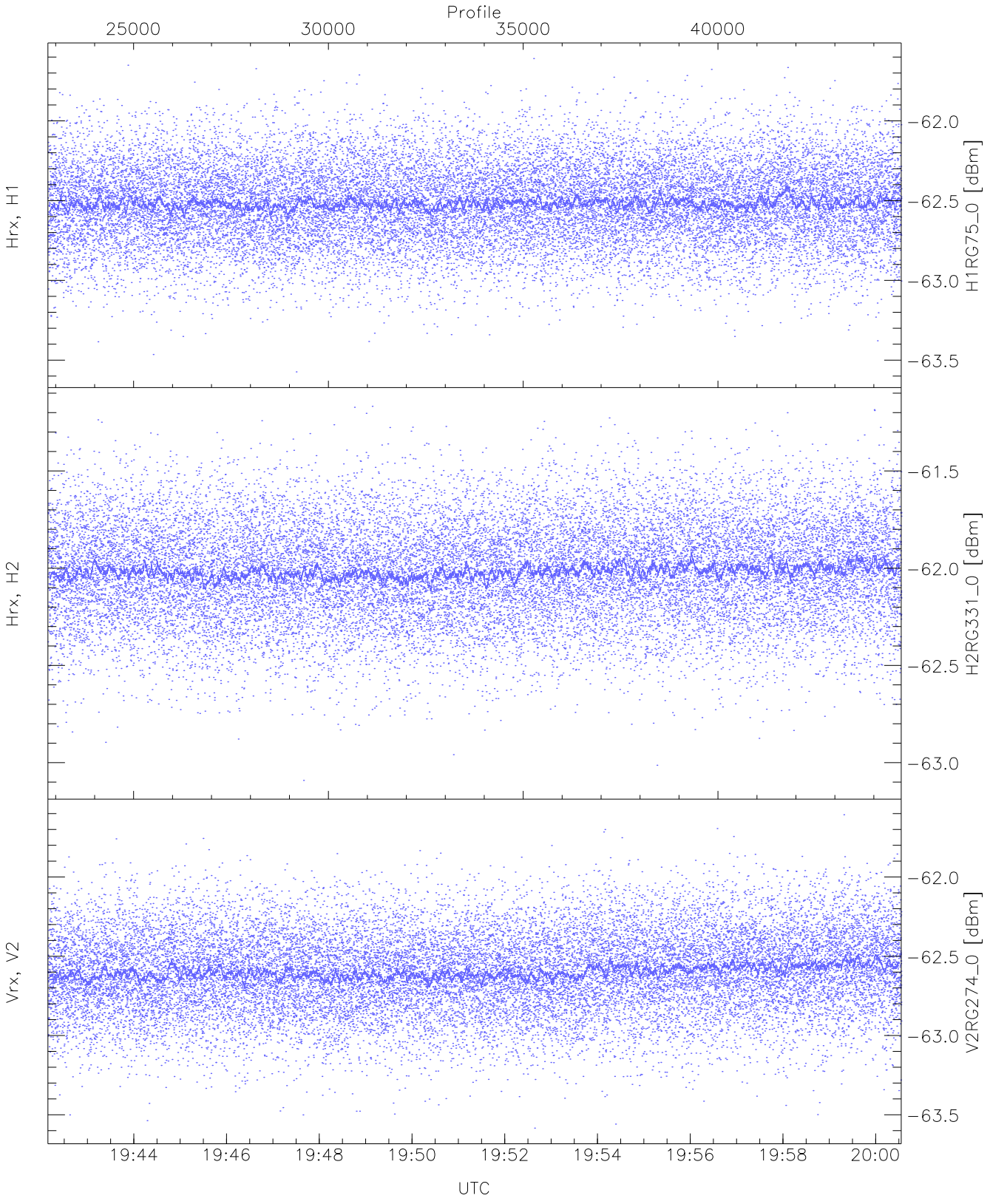
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.61	-60.55	-61.64	-61.64	-74.21
Hrx, H2(HL [dBm])	-62.59	-60.65	-61.64	-61.65	-74.20
Vrx, V2(HL [dBm])	-63.22	-61.27	-62.16	-62.16	-74.73



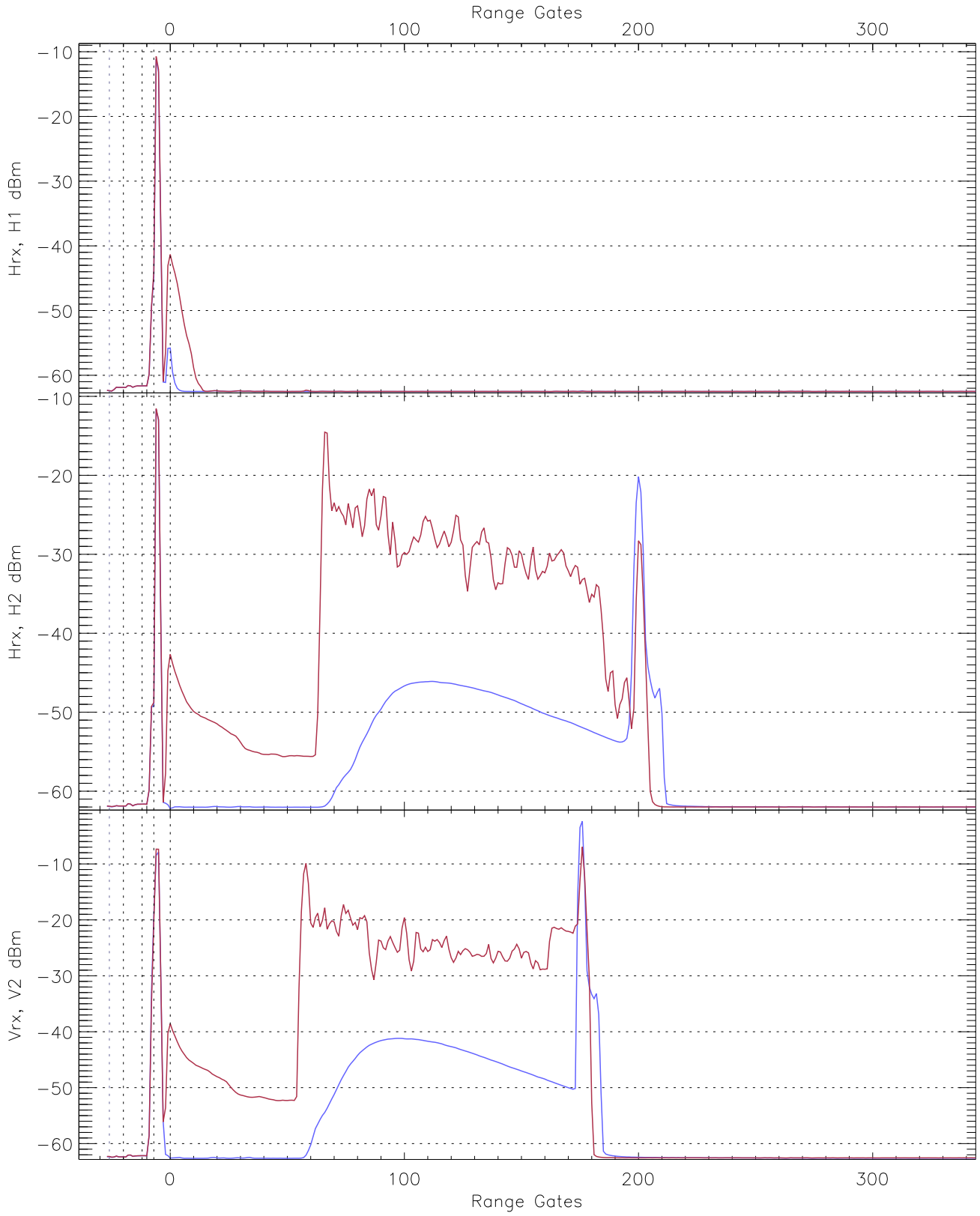
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.34	-61.48	-62.39	-62.39	-74.96
Hrx, H2(RM [dBm])	-63.02	-61.05	-61.92	-61.92	-74.48
Vrx, V2(RM [dBm])	-63.30	-61.37	-62.31	-62.32	-74.80

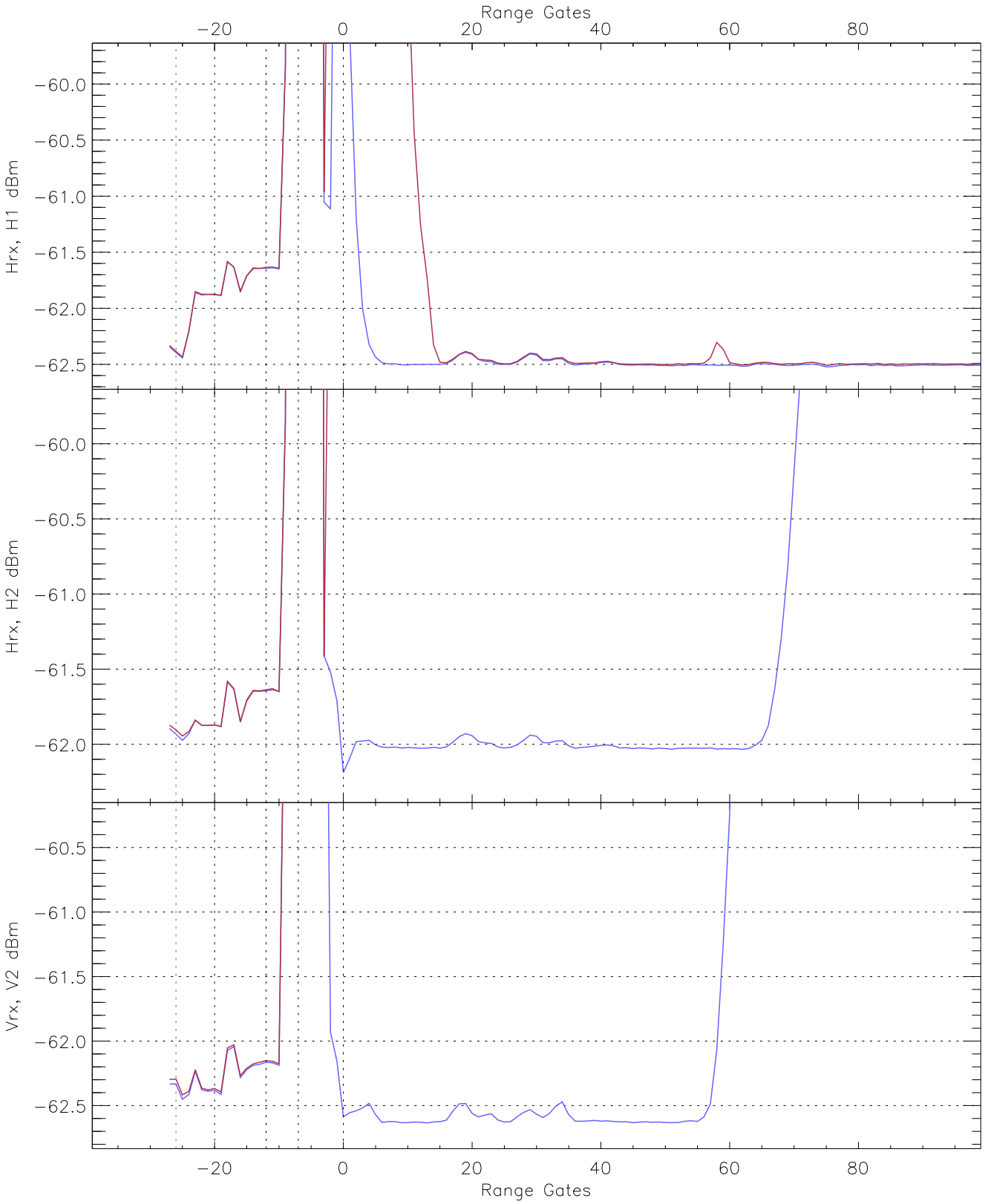


WCR2 CPP "Best" estimate Receivers Noise Power

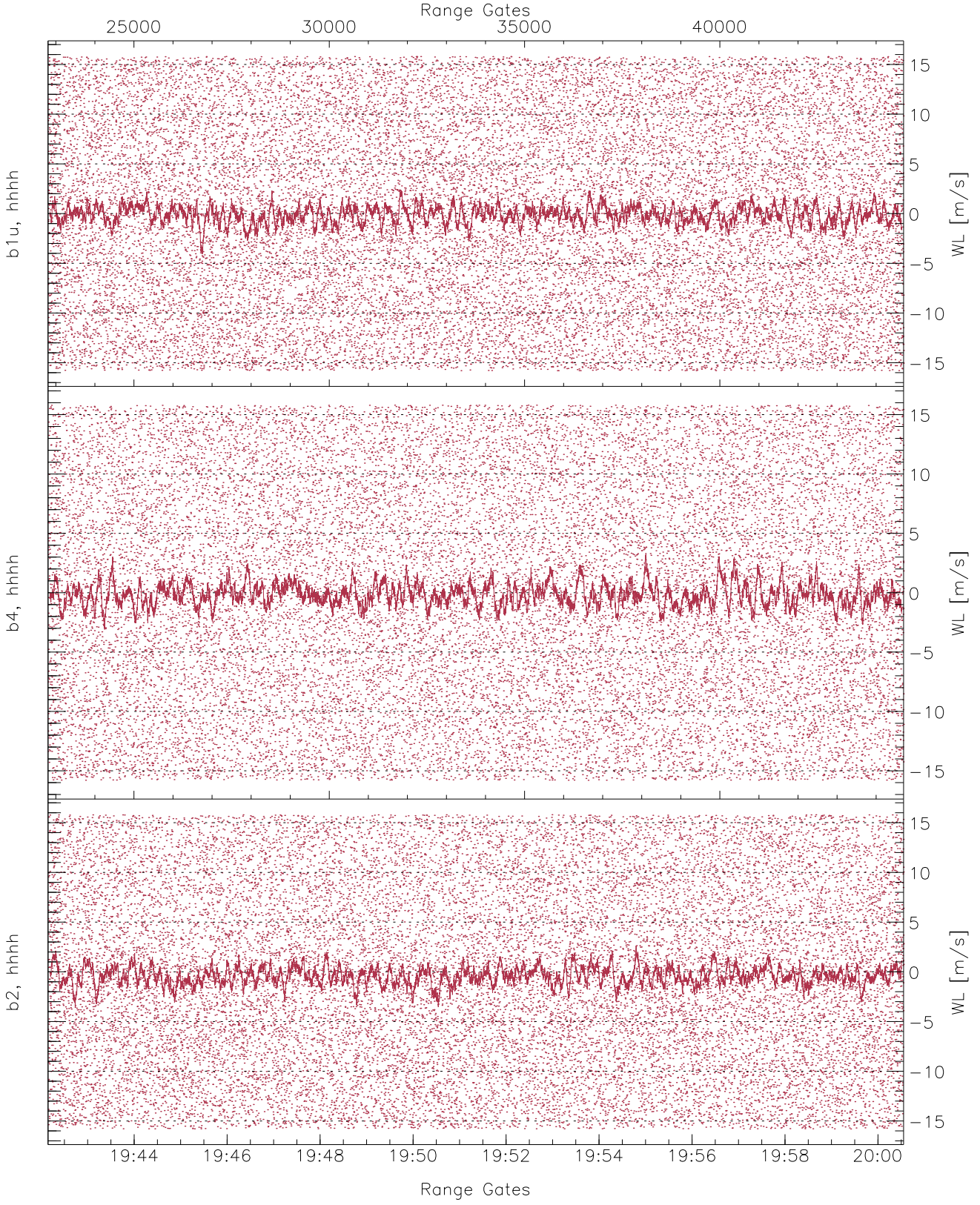
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.57	-61.61	-62.52	-62.52	-75.10
H2RG331_0 [dBm]	-63.09	-61.17	-62.01	-62.02	-74.57
V2RG274_0 [dBm]	-63.58	-61.61	-62.59	-62.60	-75.07



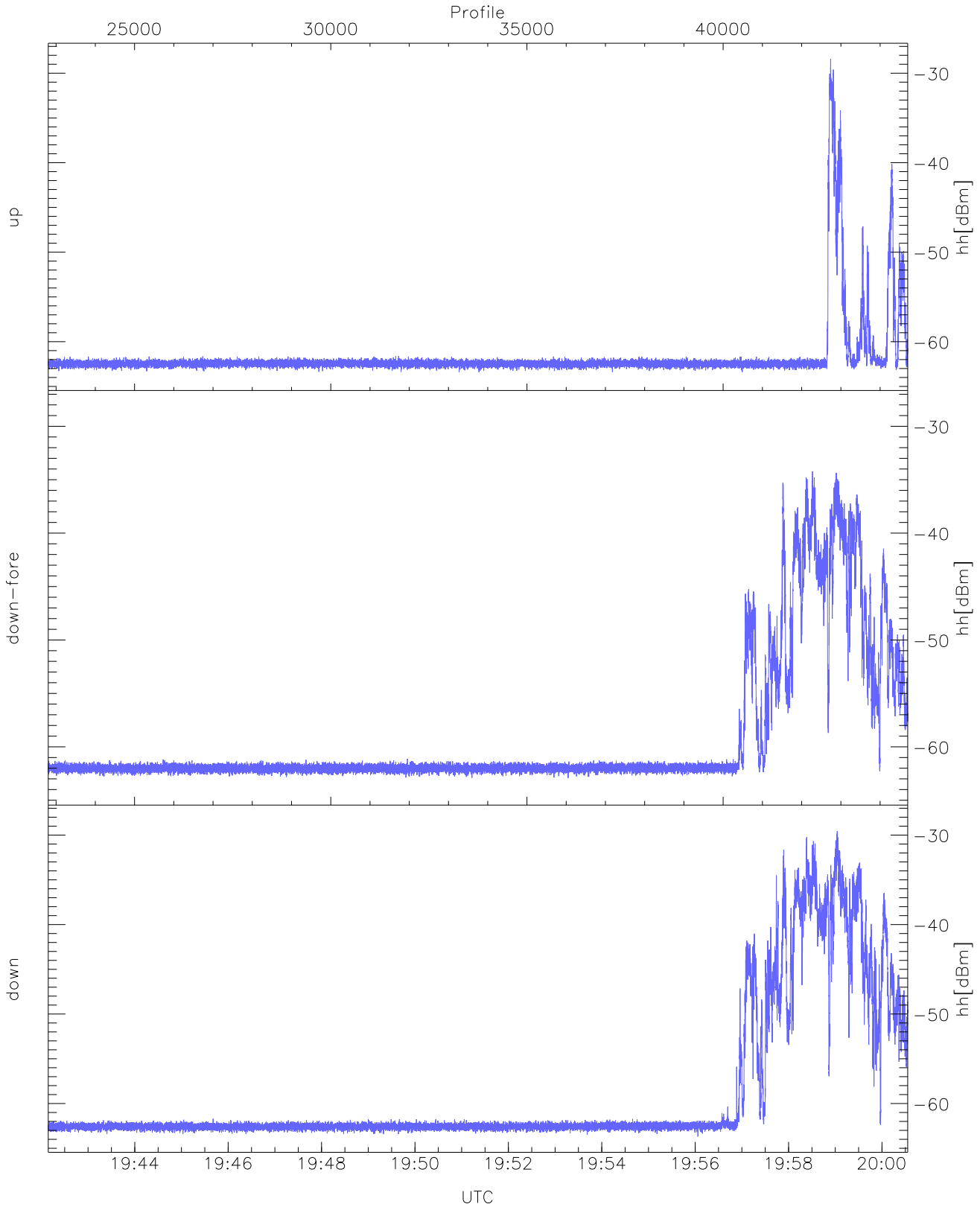
WCR2 CPP Averaged Received power for all recorded gates
blue: 194209-195121, 10953 profiles averaged
red: 195121-200033, 10953 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 194209-195121, 10953 profiles averaged
red: 195121-200033, 10953 profiles averaged

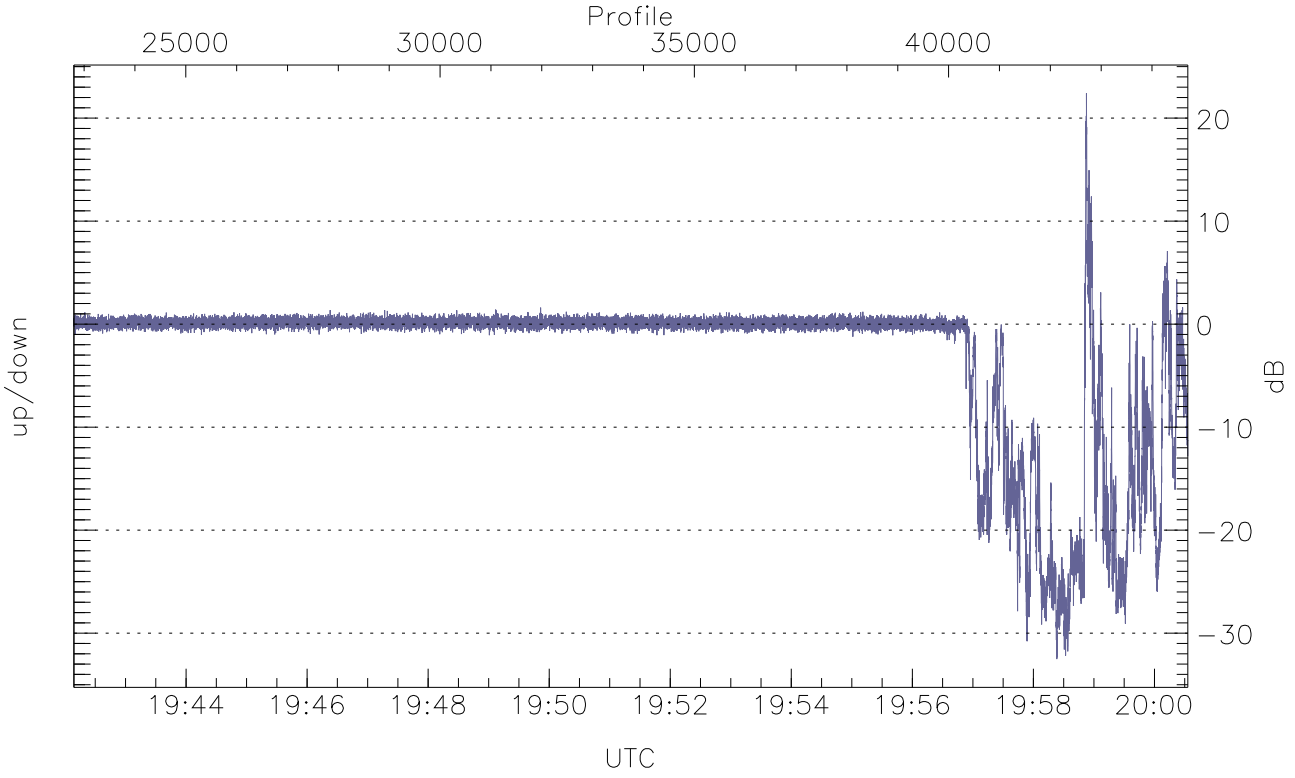


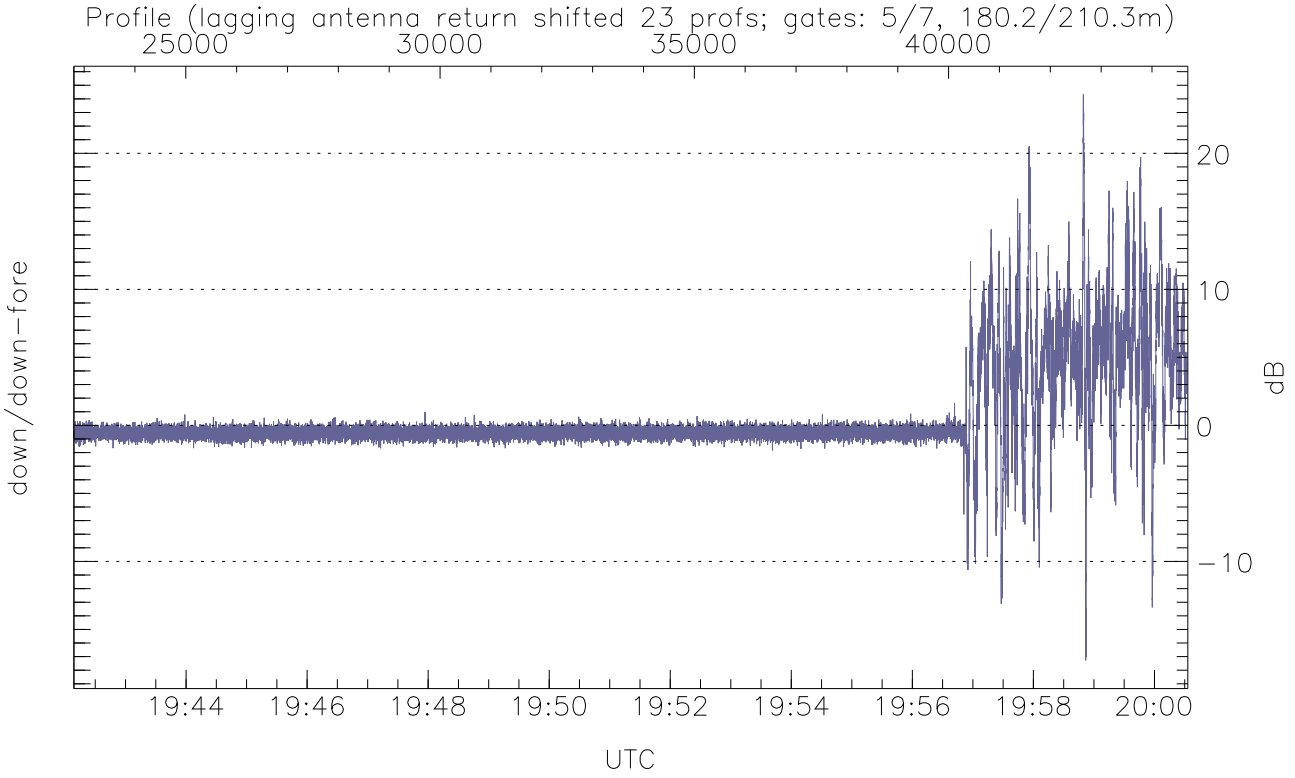
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

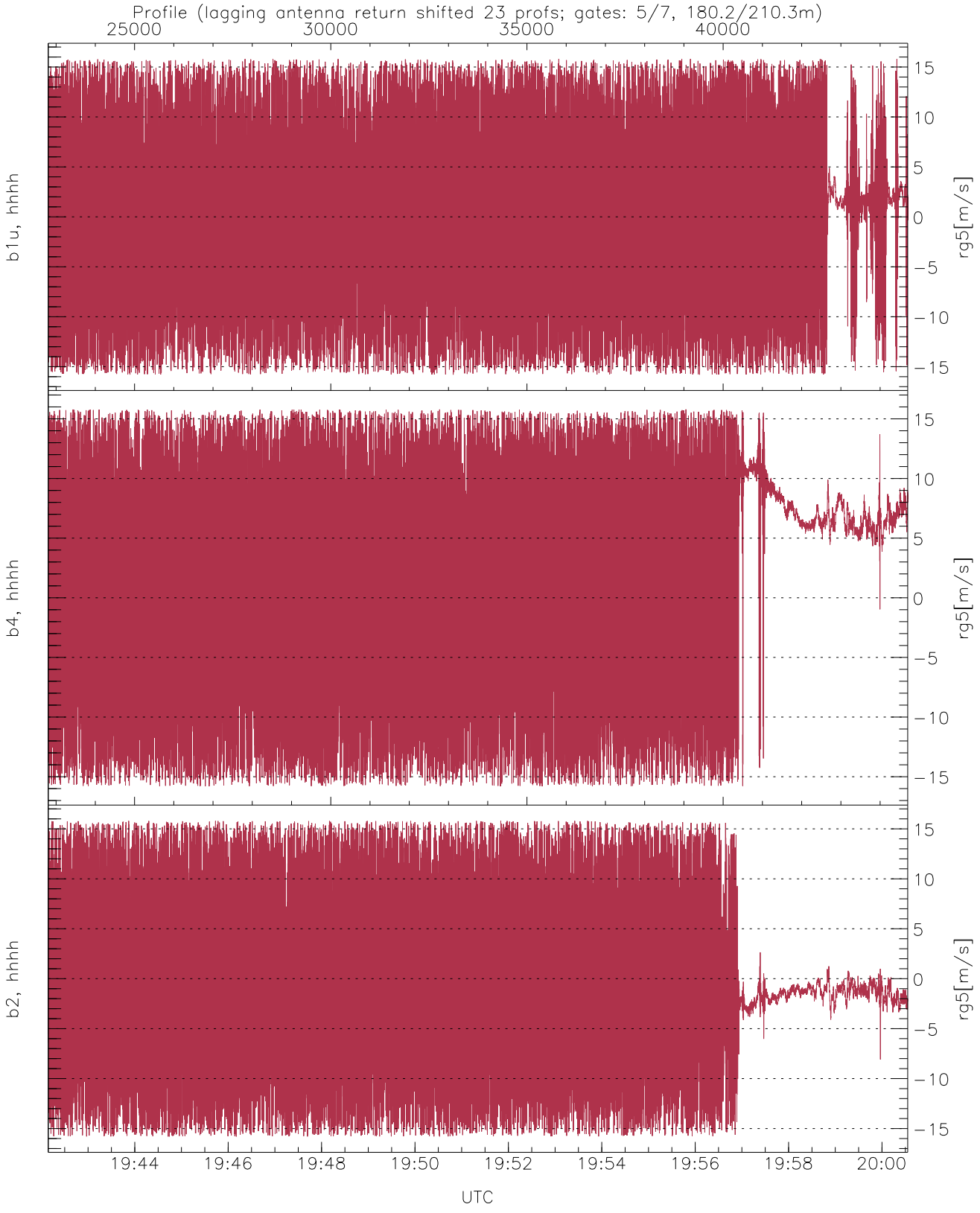
	Min	Max	Mean
up(hh[dBm])	-63.41	-28.41	-52.84
down-fore(hh[dBm])	-62.92	-34.23	-50.20
down(hh[dBm])	-63.69	-29.56	-46.40





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

	Min	Max	Mean
up/down(dB)	-32.51	22.41	-2.86
down/down-fore(dB)	-17.27	24.32	0.49



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.03	8.24
b4, hhhh(rg5[m/s])	-15.80	15.80	1.35	8.71
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.69	8.06