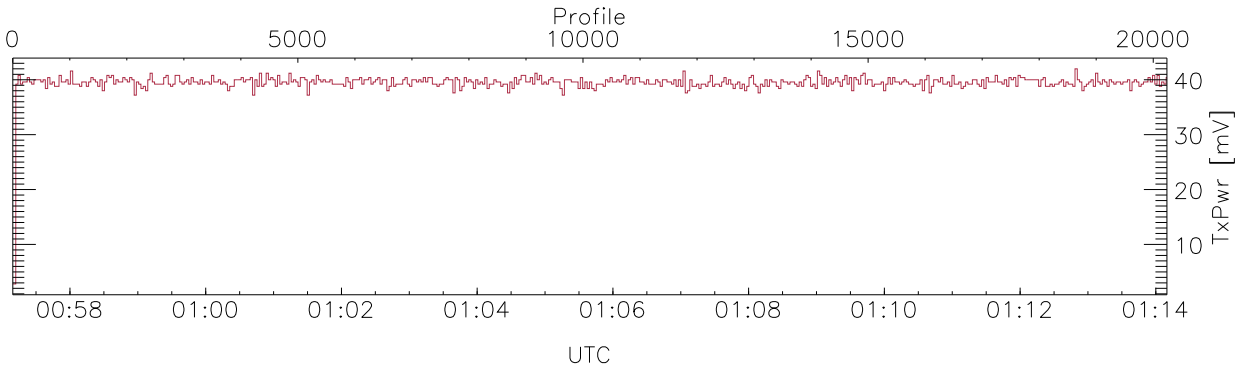
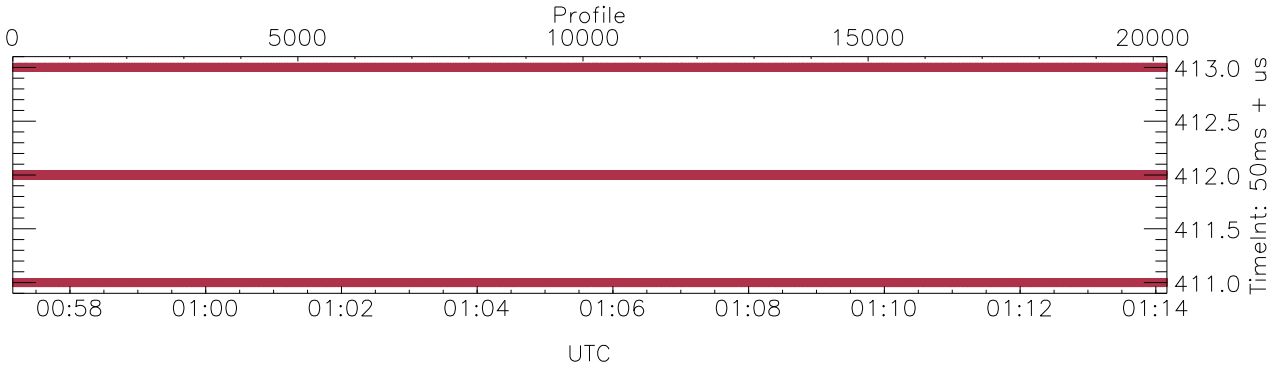
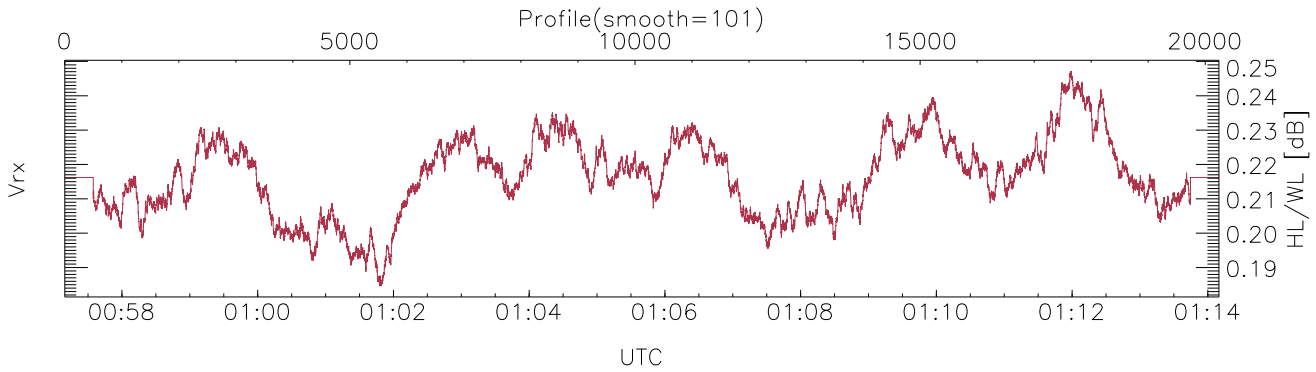
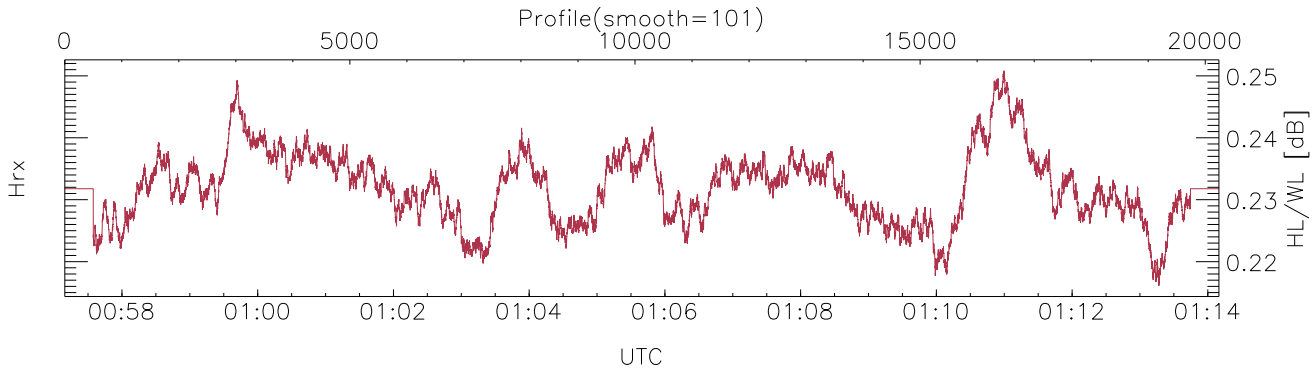


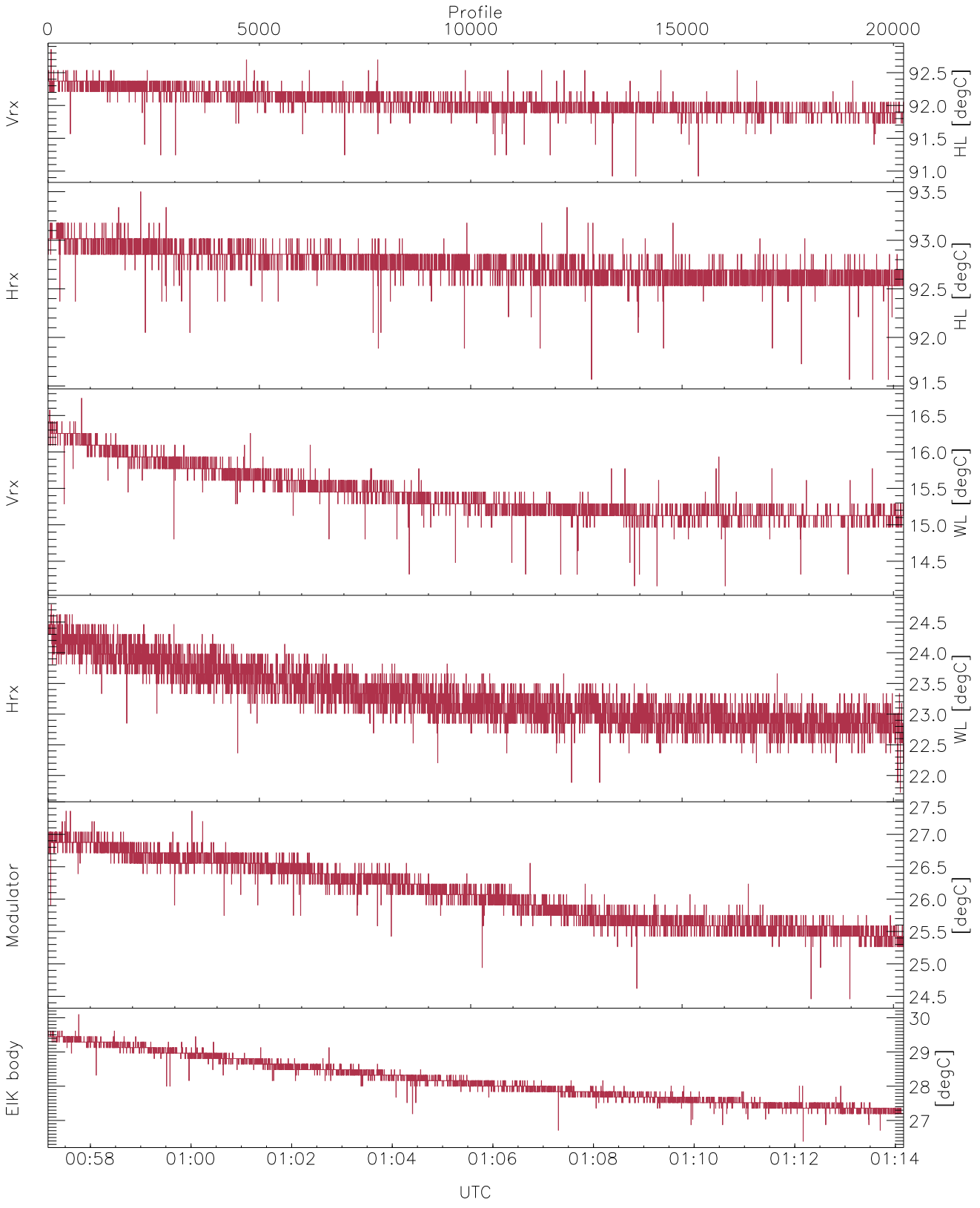






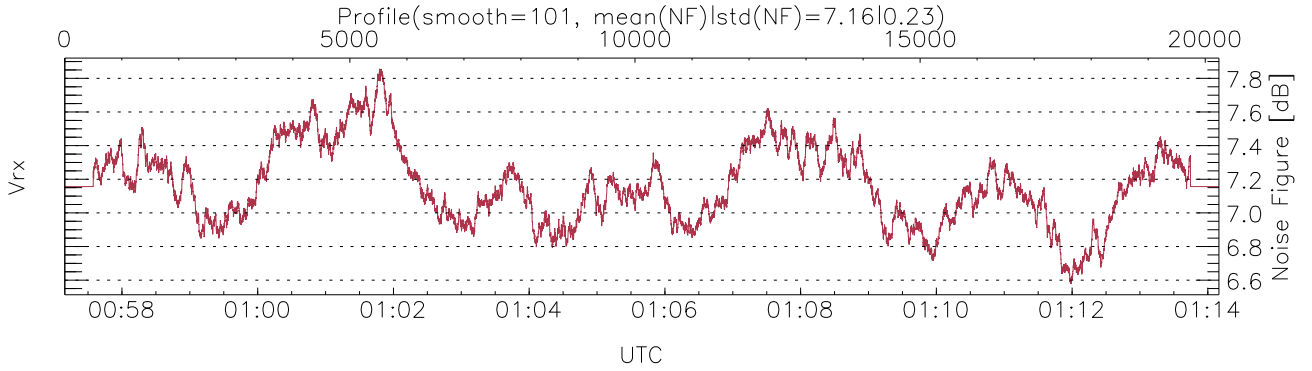
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

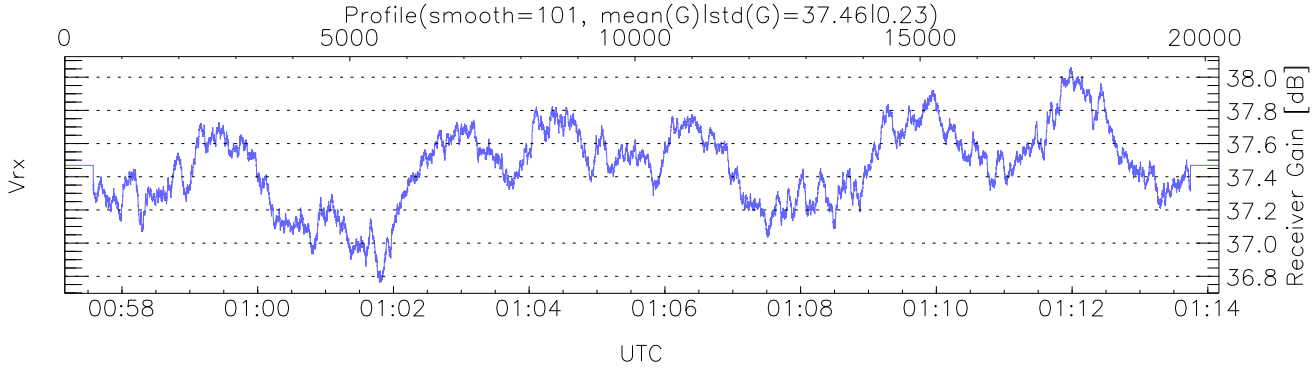
UTC: 00:57:09-01:14:10, Dur: 1020.40s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 20242/20242, 0-20241/00:57:09-01:14:10
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

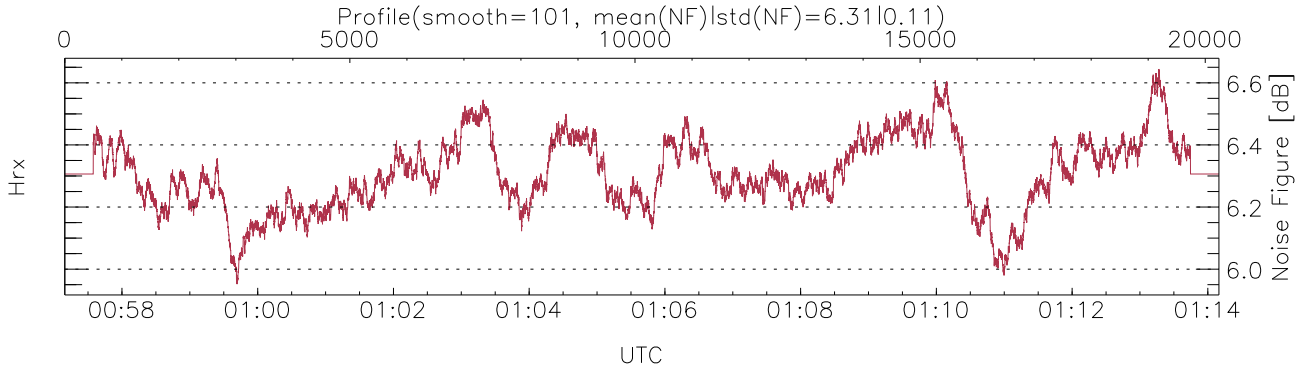


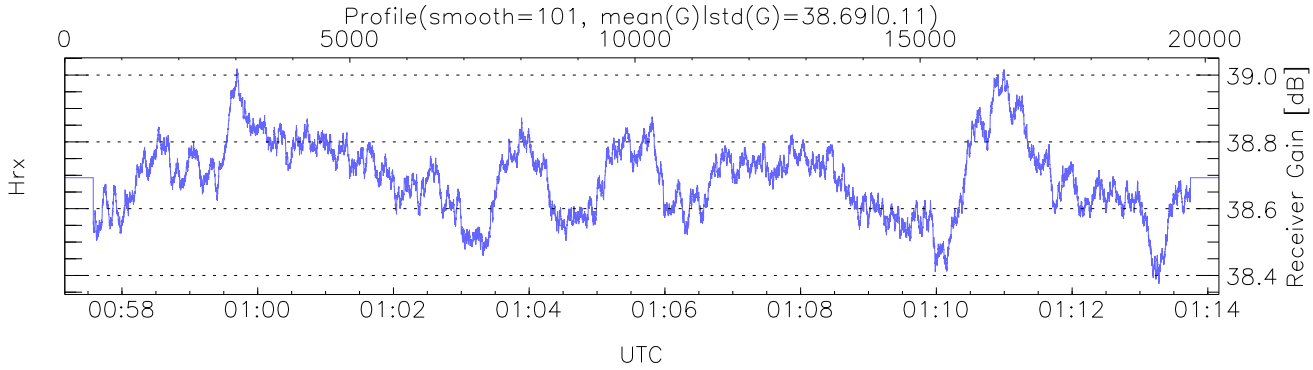
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,24,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,27,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,12,12,12,6,5)



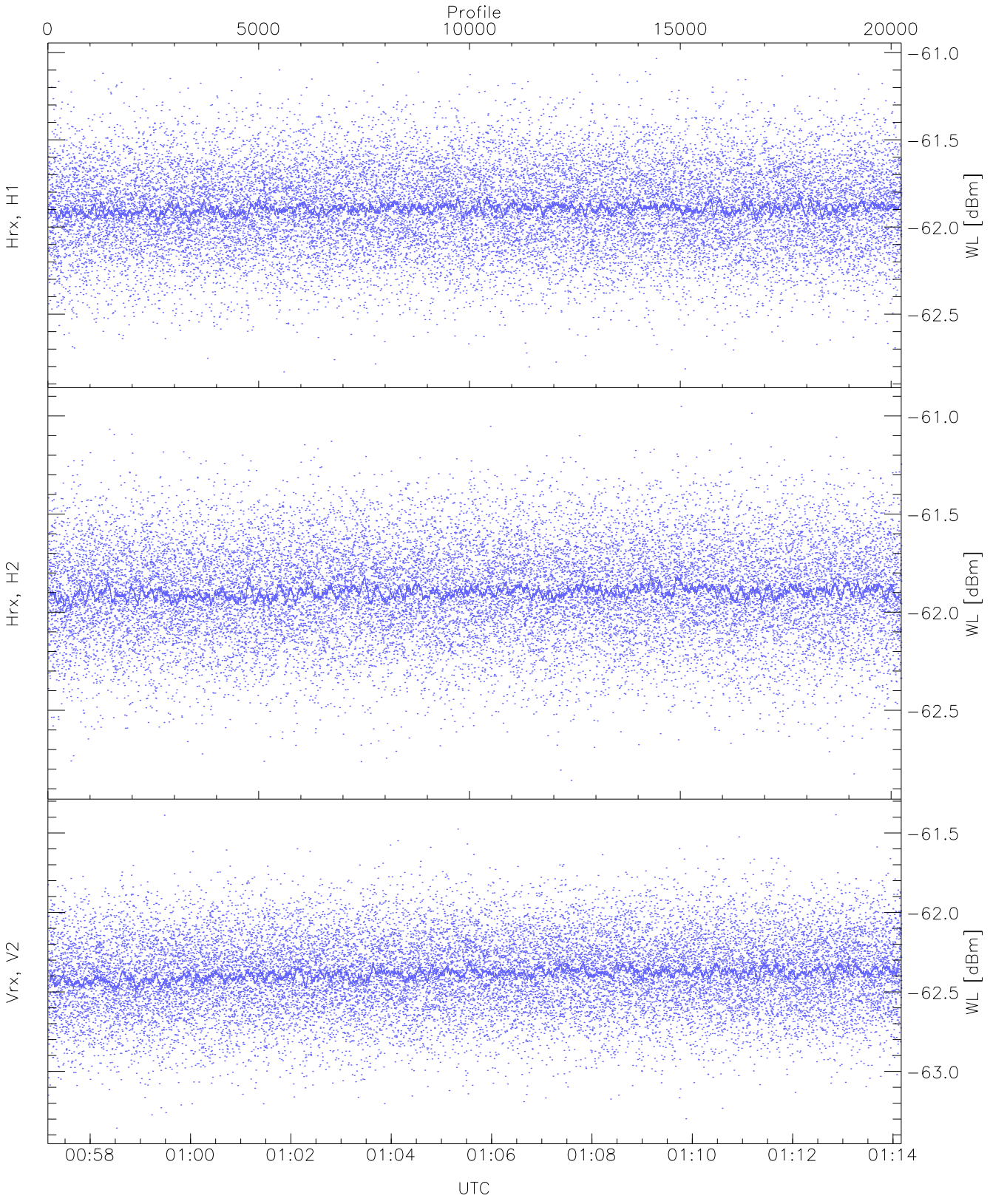






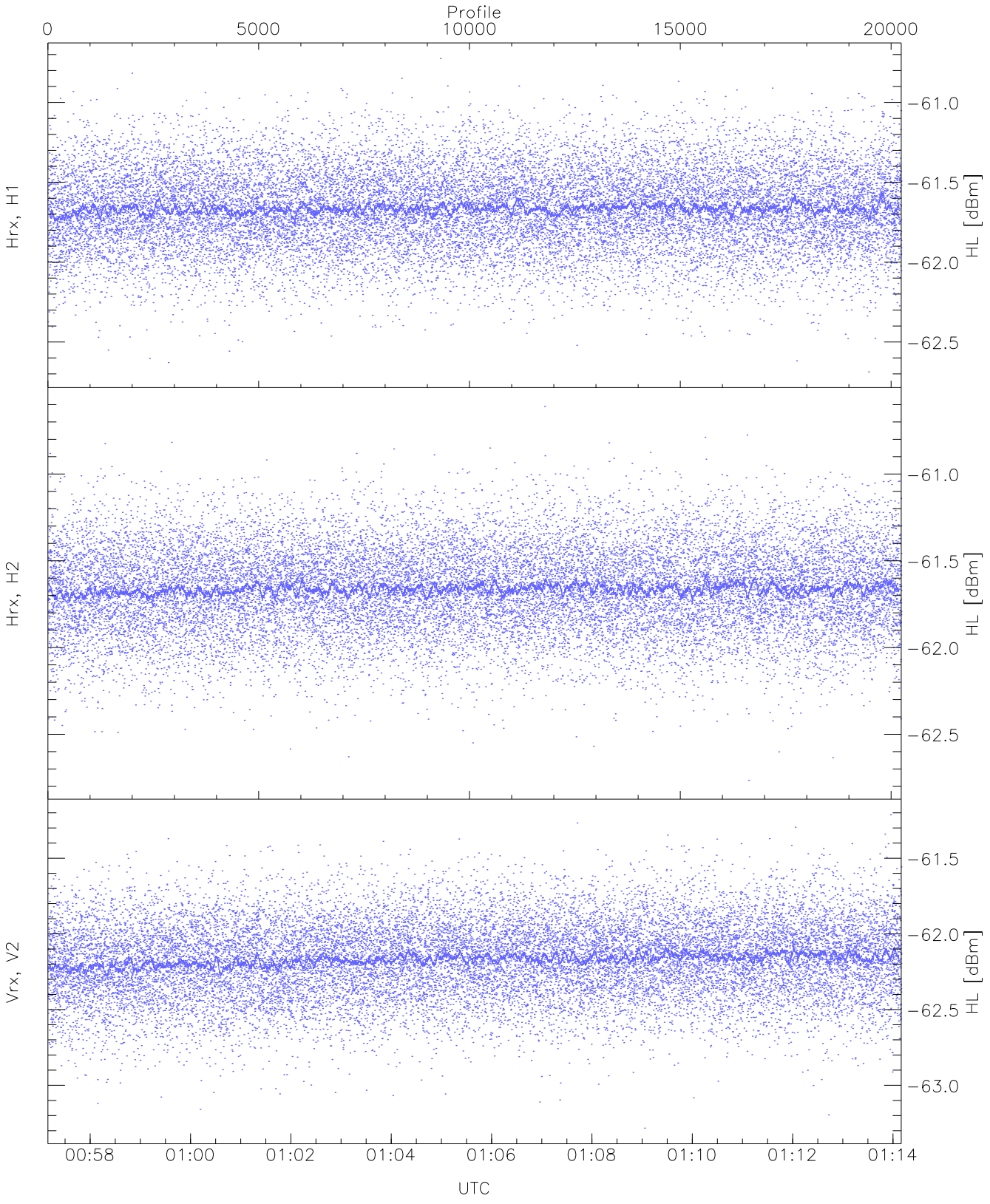
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 361 pixs, 24 gates, 359 profs, 1 prods



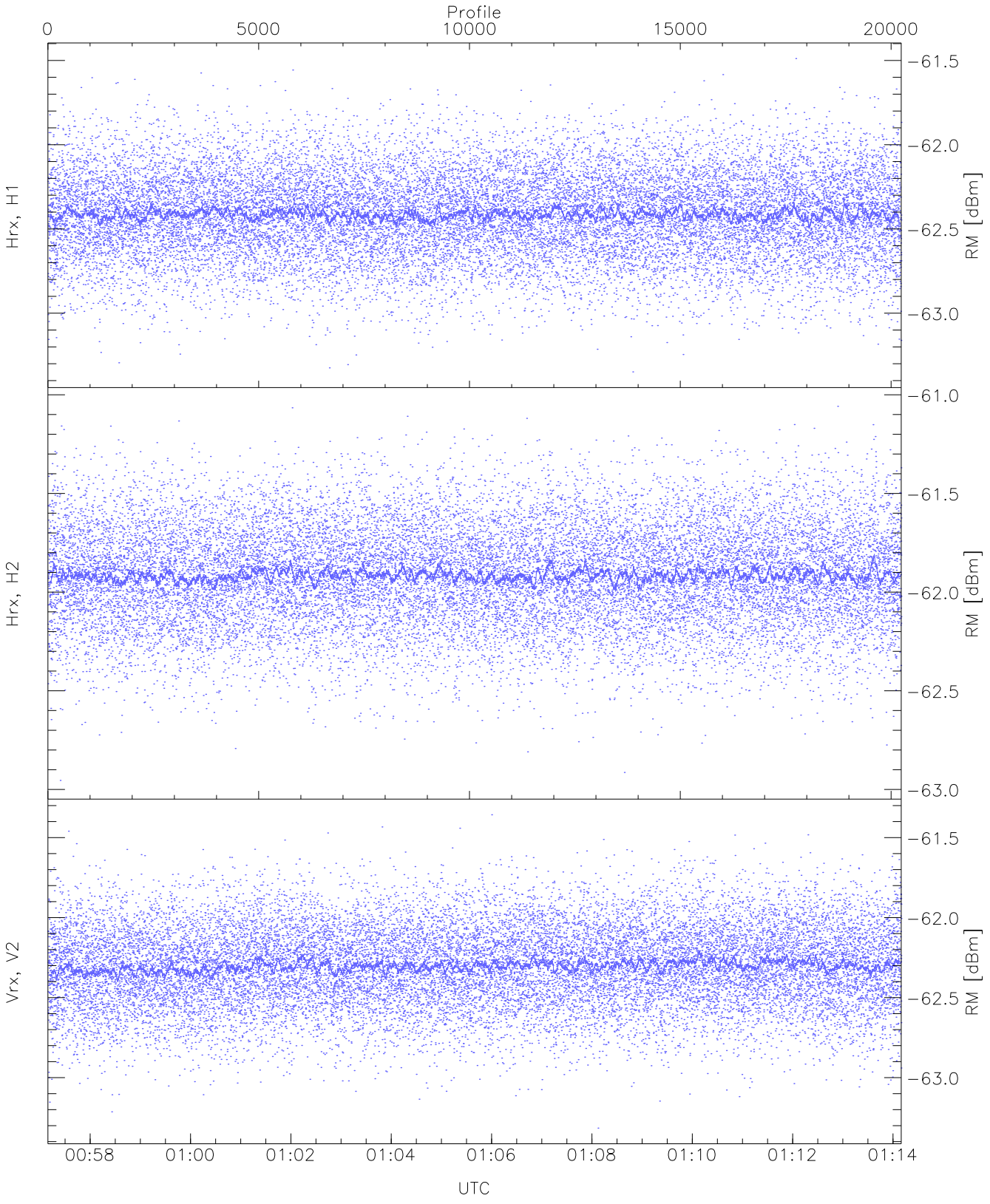
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.83	-61.03	-61.89	-61.89	-74.47
Hrx, H2(WL [dBm])	-62.86	-60.95	-61.89	-61.90	-74.48
Vrx, V2(WL [dBm])	-63.36	-61.39	-62.38	-62.39	-74.94



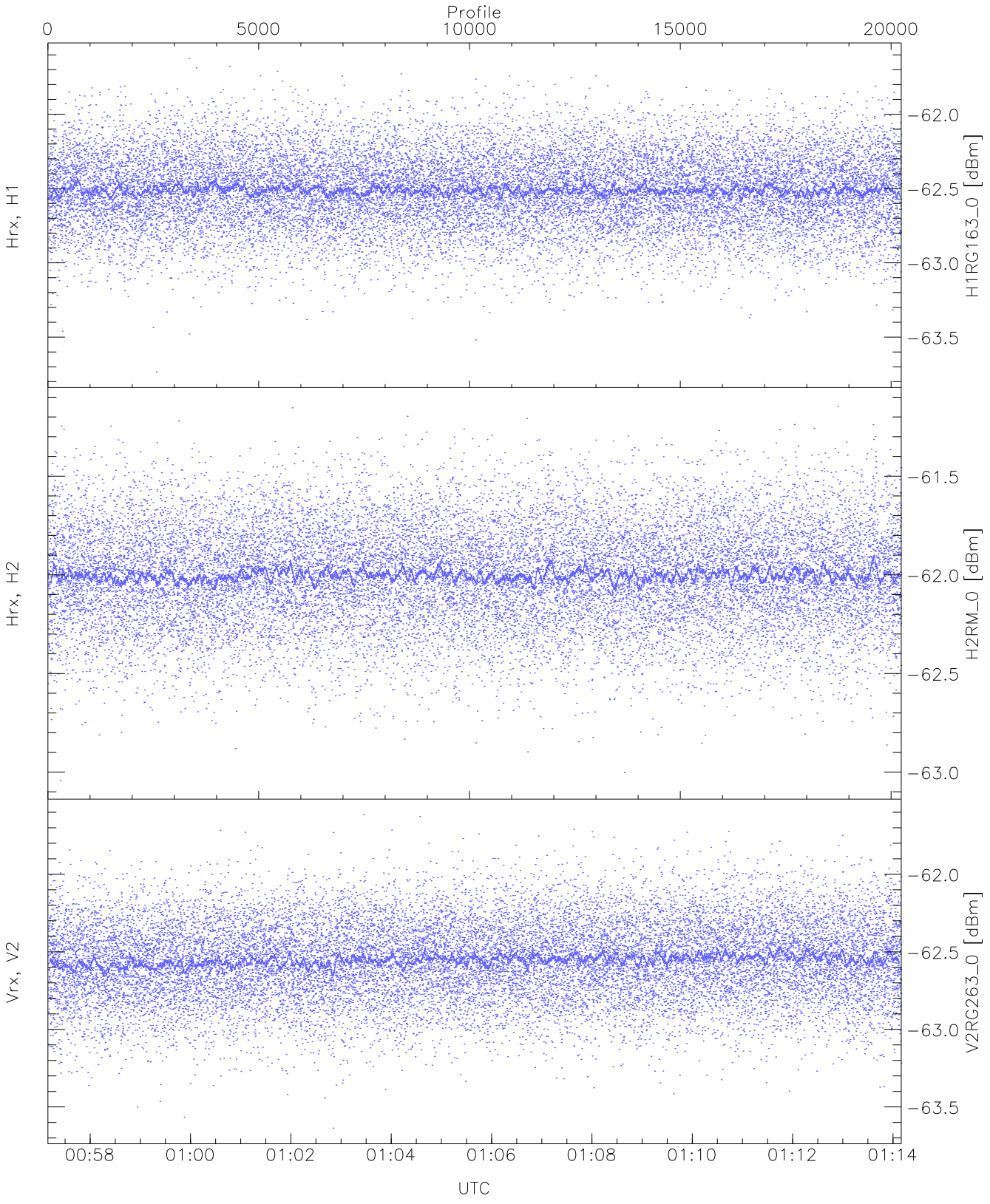
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.69	-60.73	-61.66	-61.67	-74.22
Hrx, H2(HL [dBm])	-62.77	-60.61	-61.66	-61.66	-74.25
Vrx, V2(HL [dBm])	-63.28	-61.21	-62.17	-62.17	-74.68



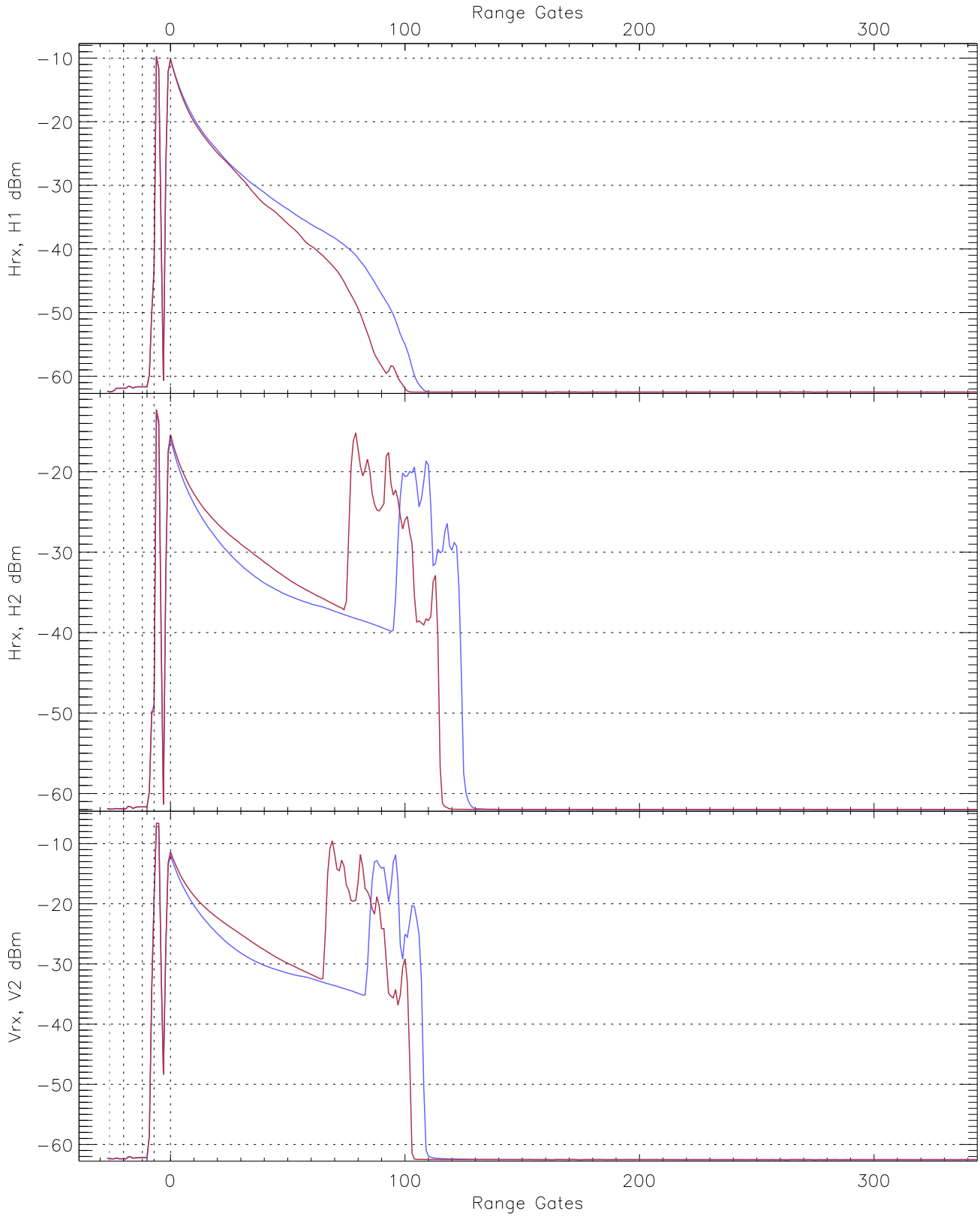
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.35	-61.49	-62.41	-62.41	-75.00
Hrx, H2(RM [dBm])	-62.95	-61.06	-61.91	-61.92	-74.49
Vrx, V2(RM [dBm])	-63.32	-61.36	-62.30	-62.30	-74.85

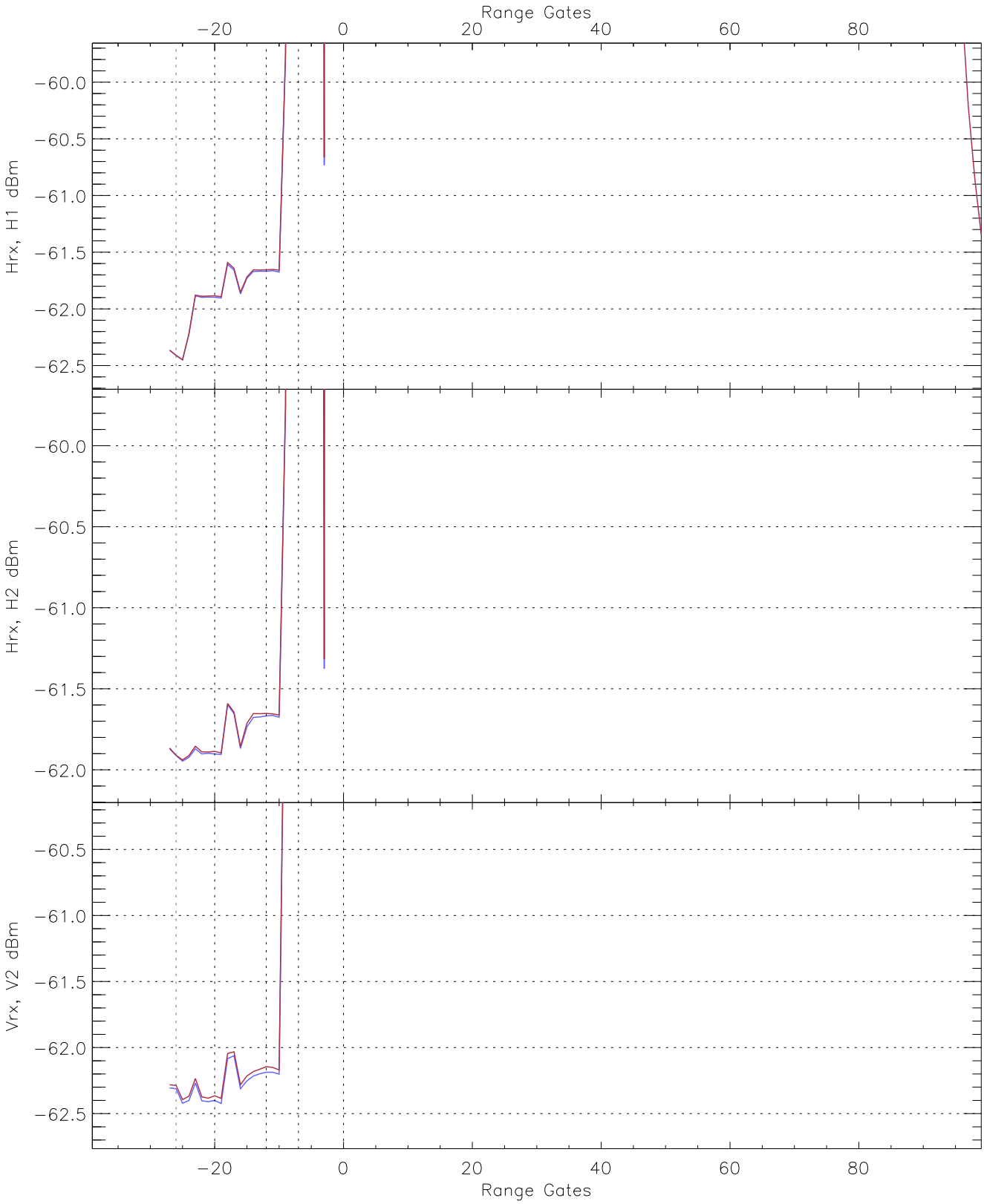


WCR2 CPP "Best" estimate Receivers Noise Power

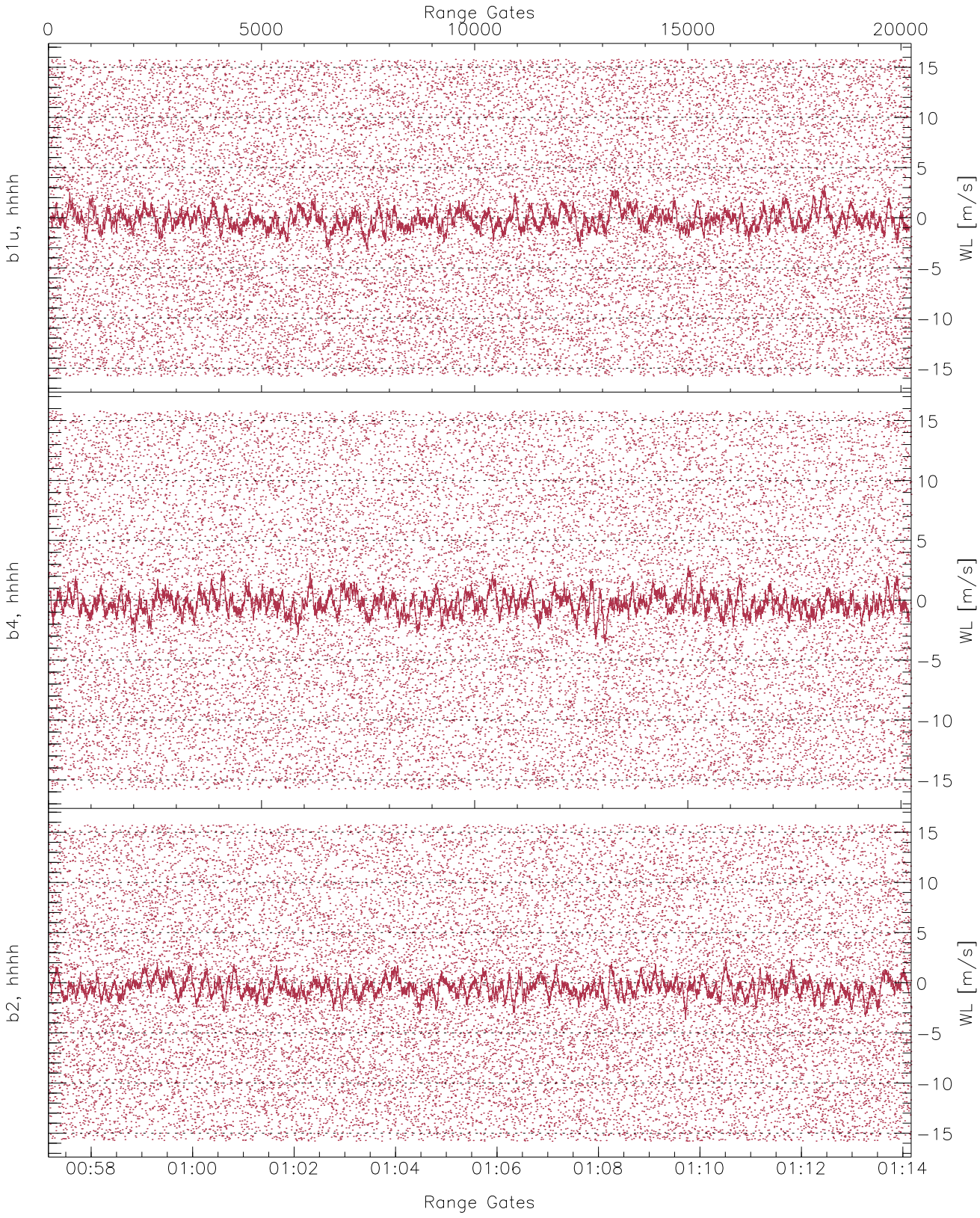
	Min	Max	Mean	Median	StDev
H1RG163_0 [dBm]	-63.73	-61.63	-62.51	-62.51	-75.10
H2RM_0 [dBm]	-63.04	-61.15	-62.00	-62.00	-74.58
V2RG263_0 [dBm]	-63.64	-61.62	-62.55	-62.55	-75.07



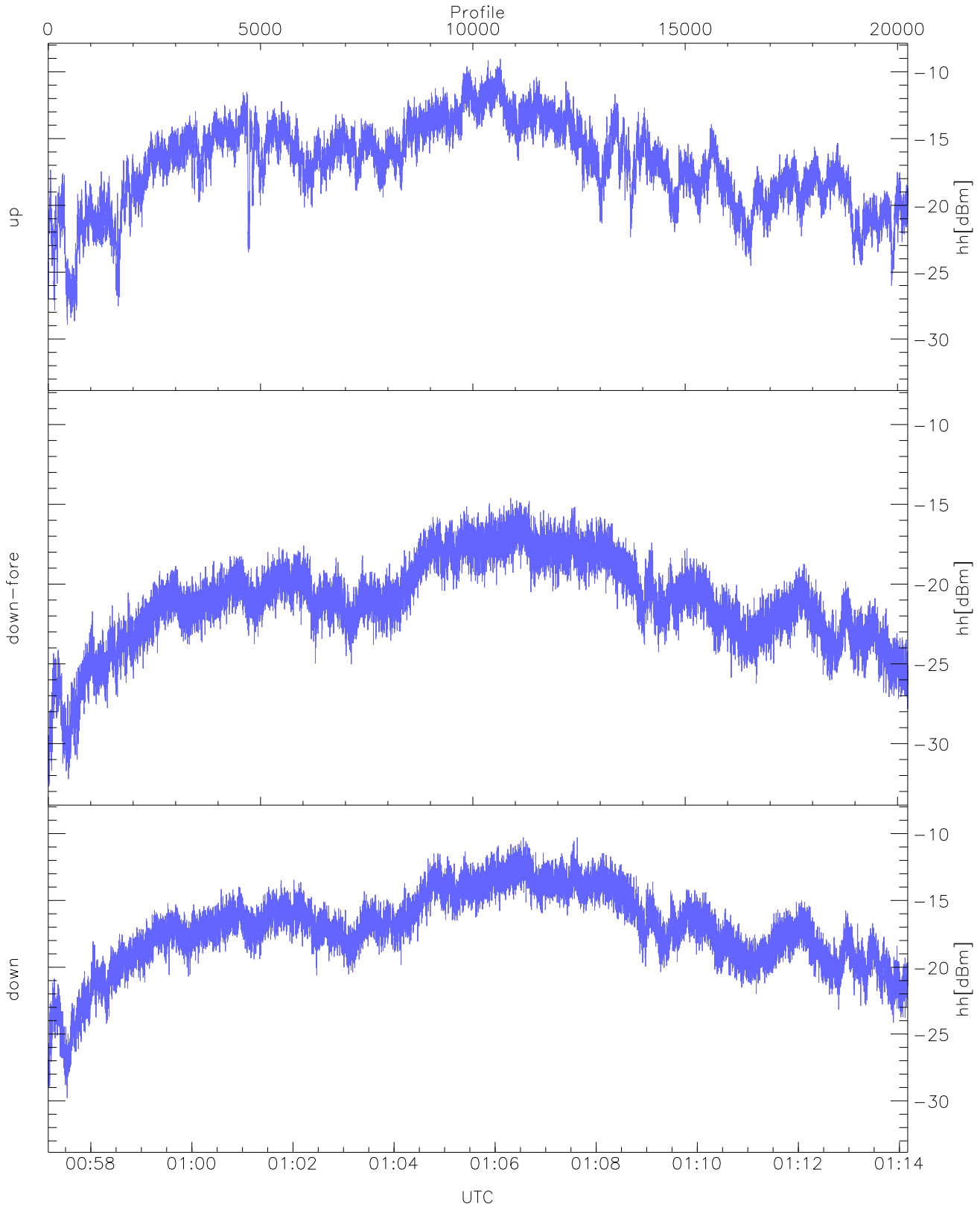
WCR2 CPP Averaged Received power for all recorded gates
blue: 005709-010540, 10122 profiles averaged
red: 010540-011410, 10121 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 005709-010540, 10122 profiles averaged
red: 010540-011410, 10121 profiles averaged

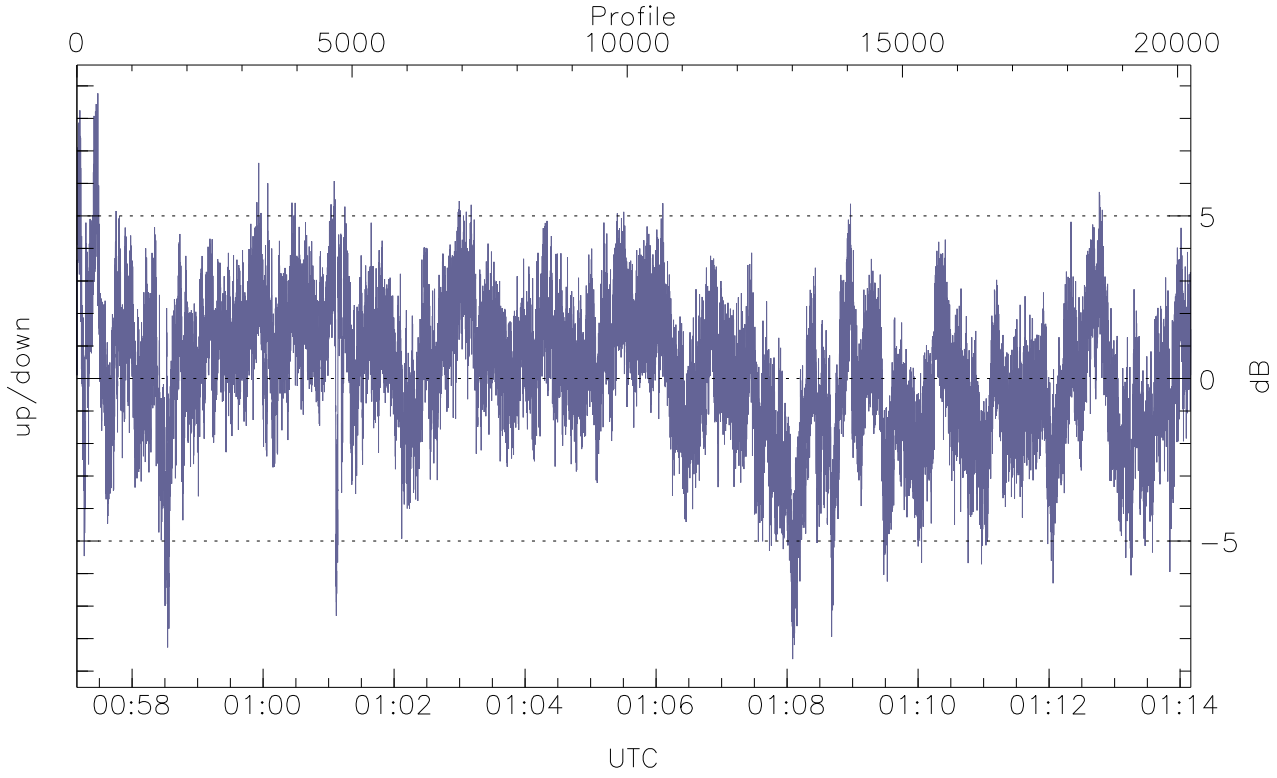


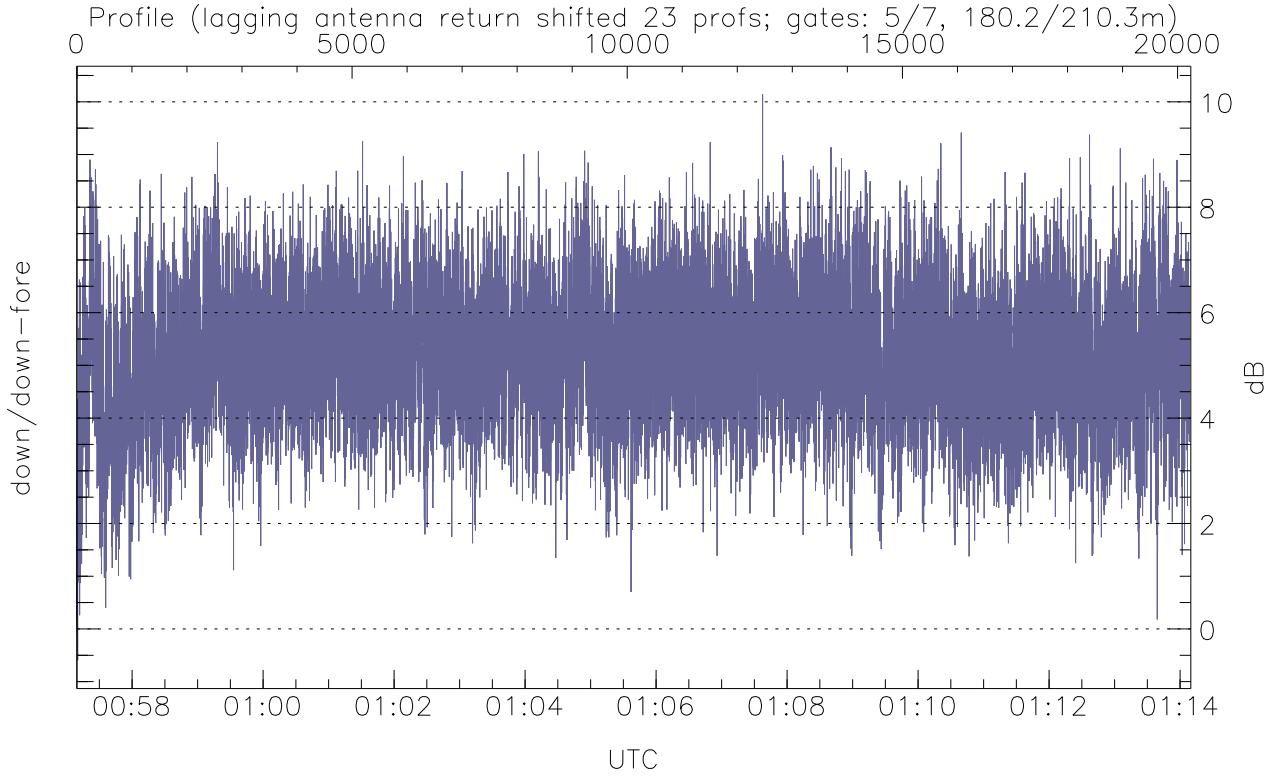
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

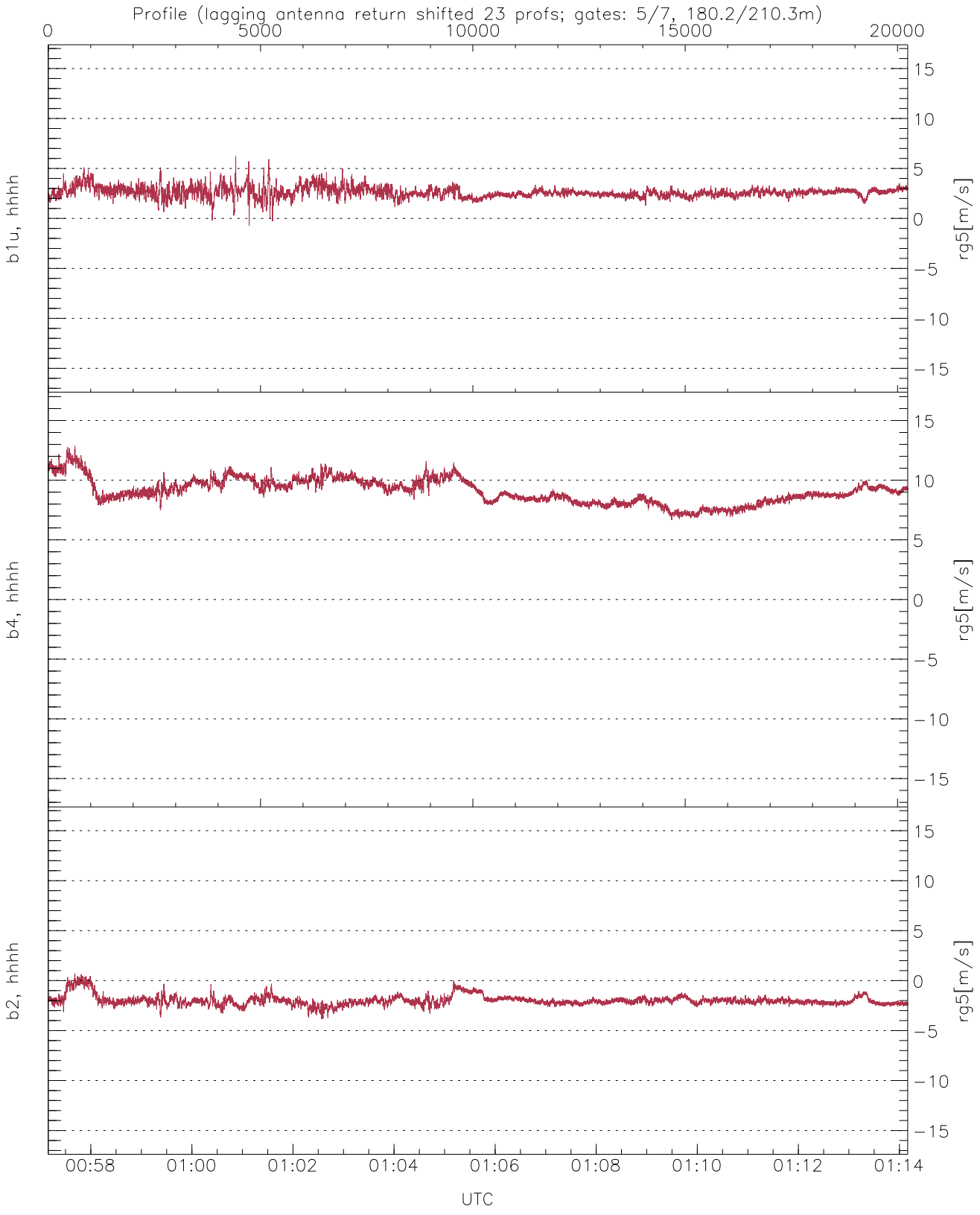
	Min	Max	Mean
up(hh[dBm])	-28.91	-9.05	-15.91
down-fore(hh[dBm])	-32.67	-14.61	-20.27
down(hh[dBm])	-29.77	-10.28	-16.29





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

	Min	Max	Mean
up/down(dB)	-8.63	8.77	0.21
down/down-fore(dB)	-0.59	10.14	5.21



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.70	6.24	2.61	0.52
b4, hhhh(rg5[m/s])	6.68	12.87	9.07	1.04
b2, hhhh(rg5[m/s])	-3.85	0.71	-1.98	0.51