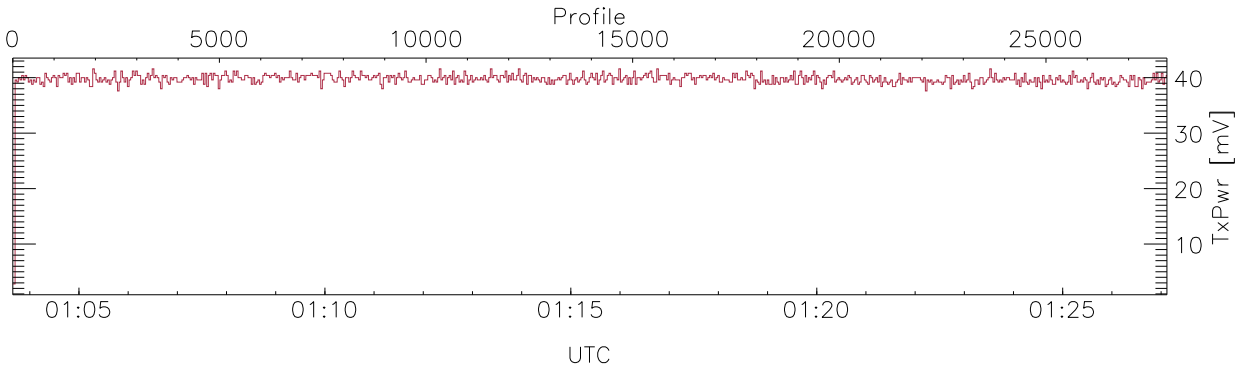
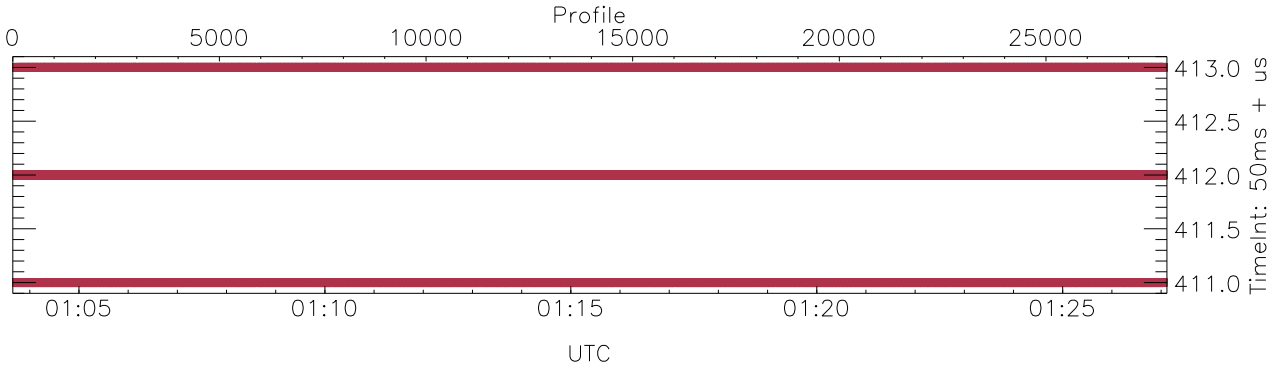
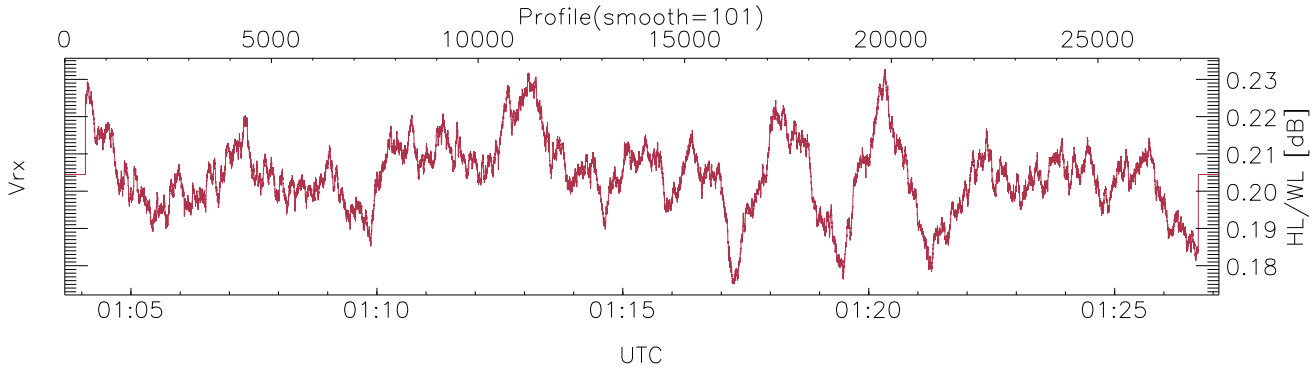
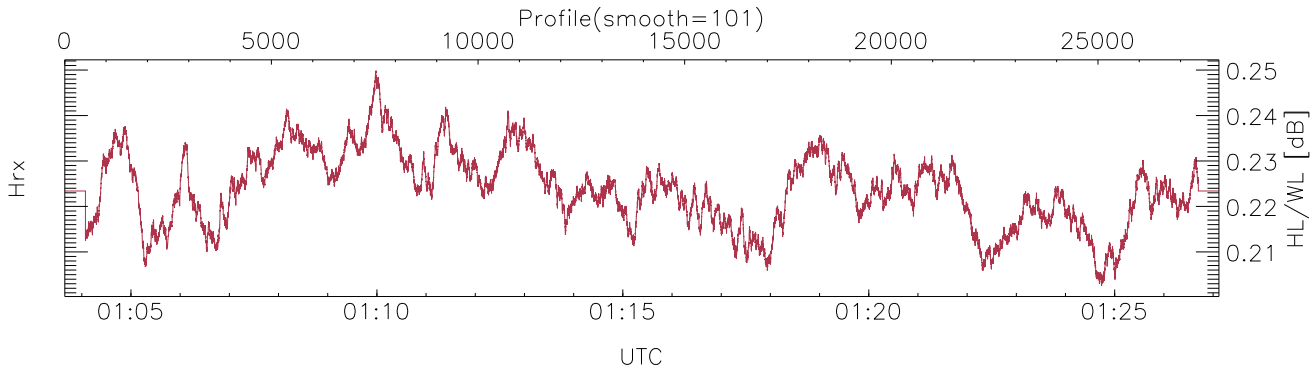


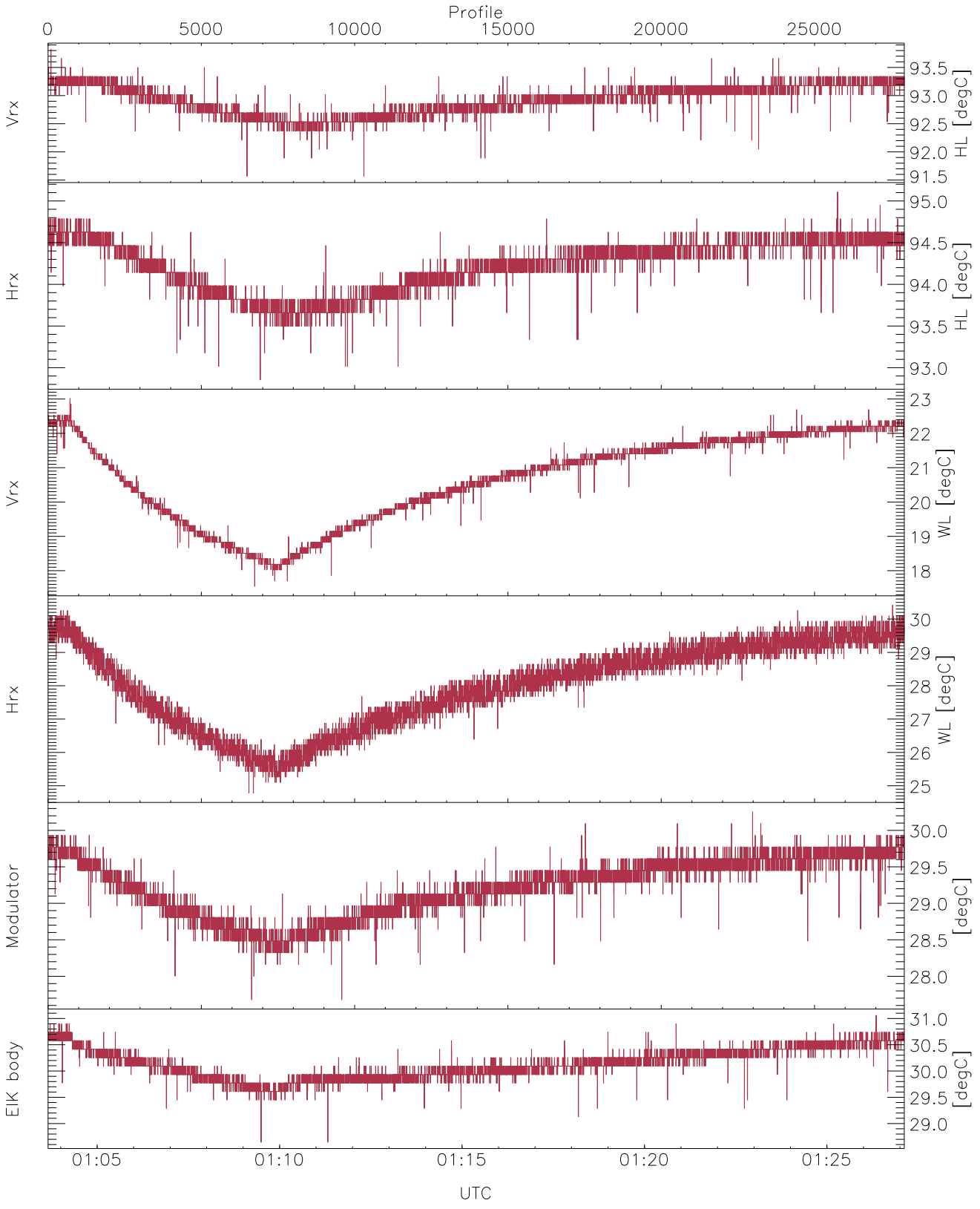






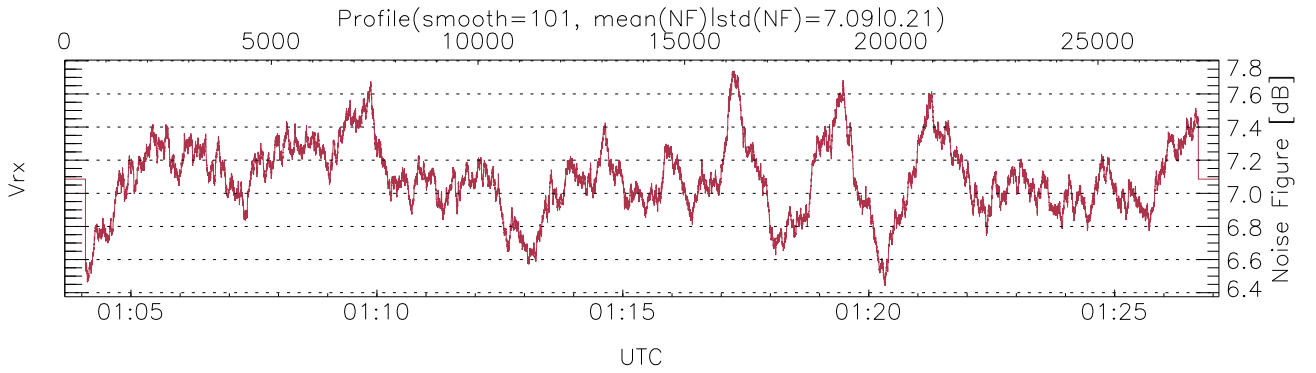
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

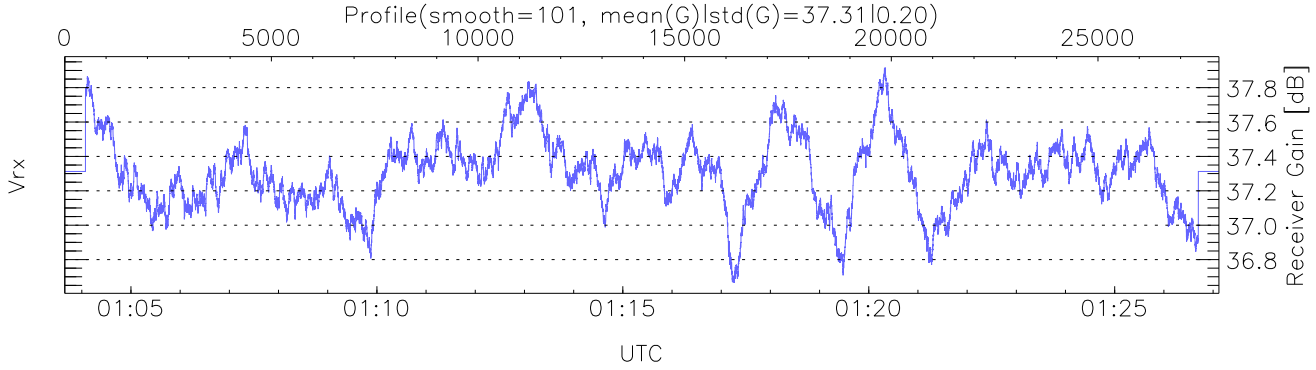
UTC: 01:03:39-01:27:07, Dur: 1407.92s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 27929/27929, 0-27928/01:03:39-01:27:07
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

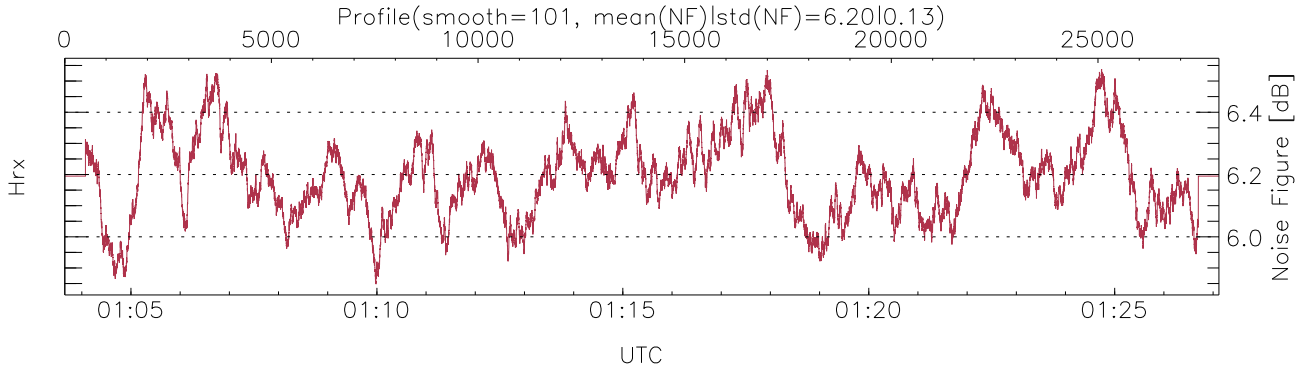


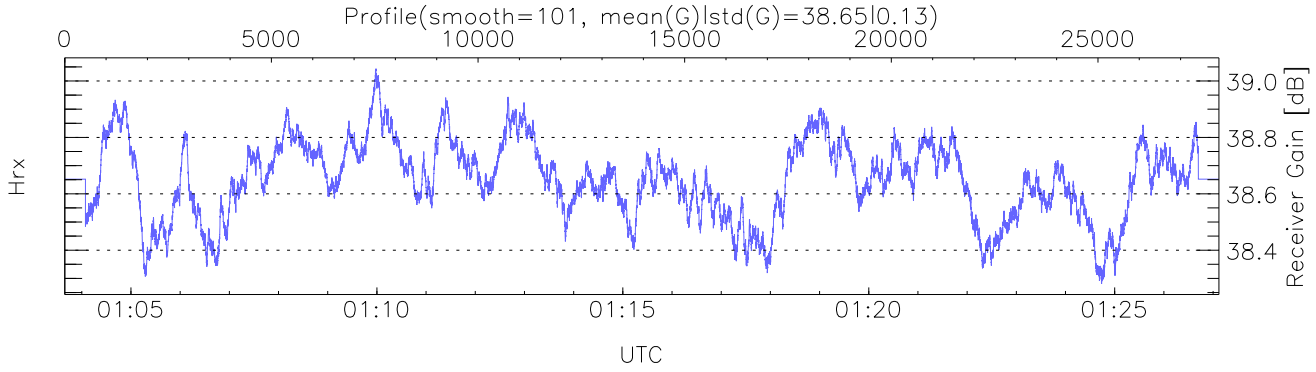
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,30,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,40)



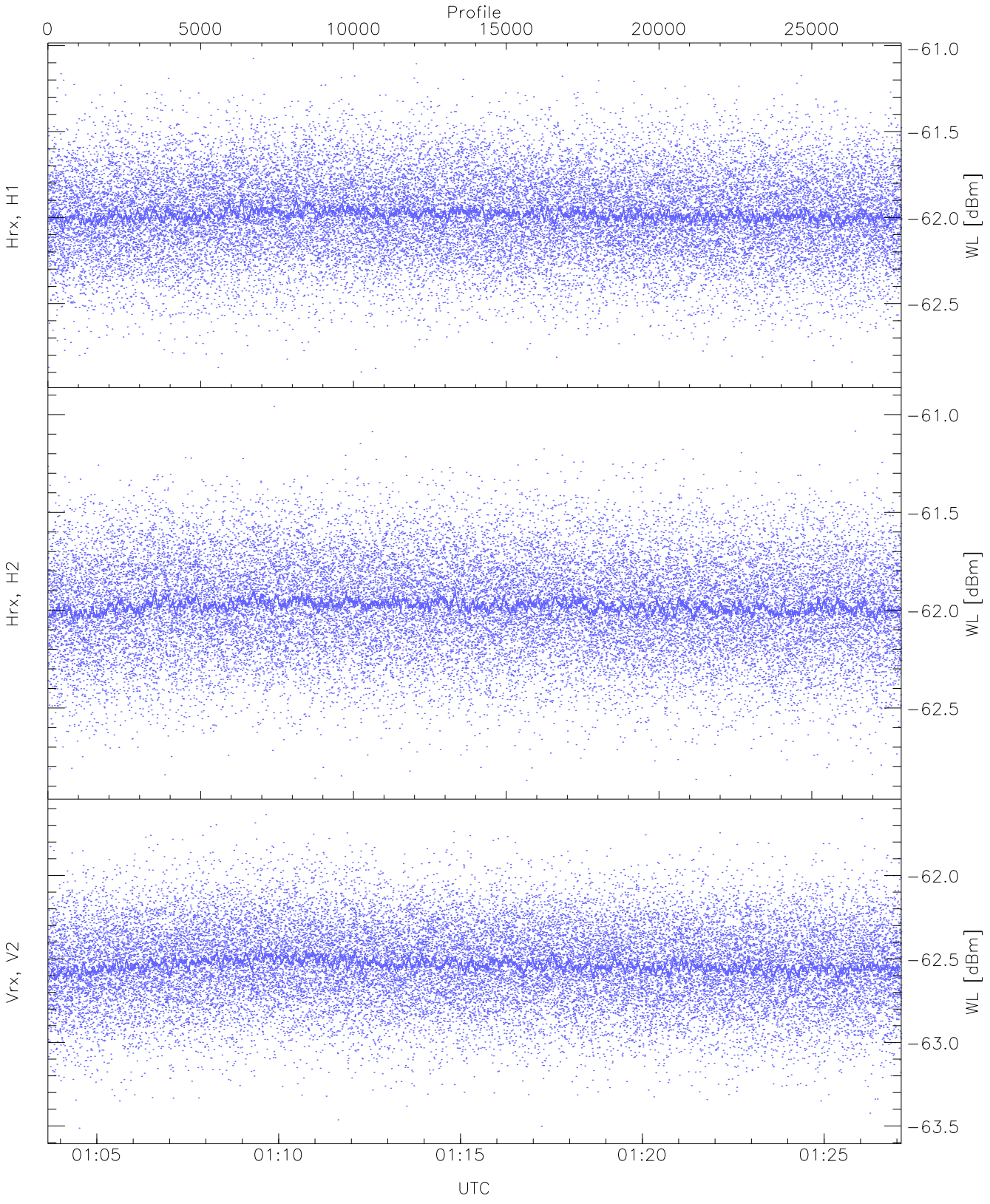






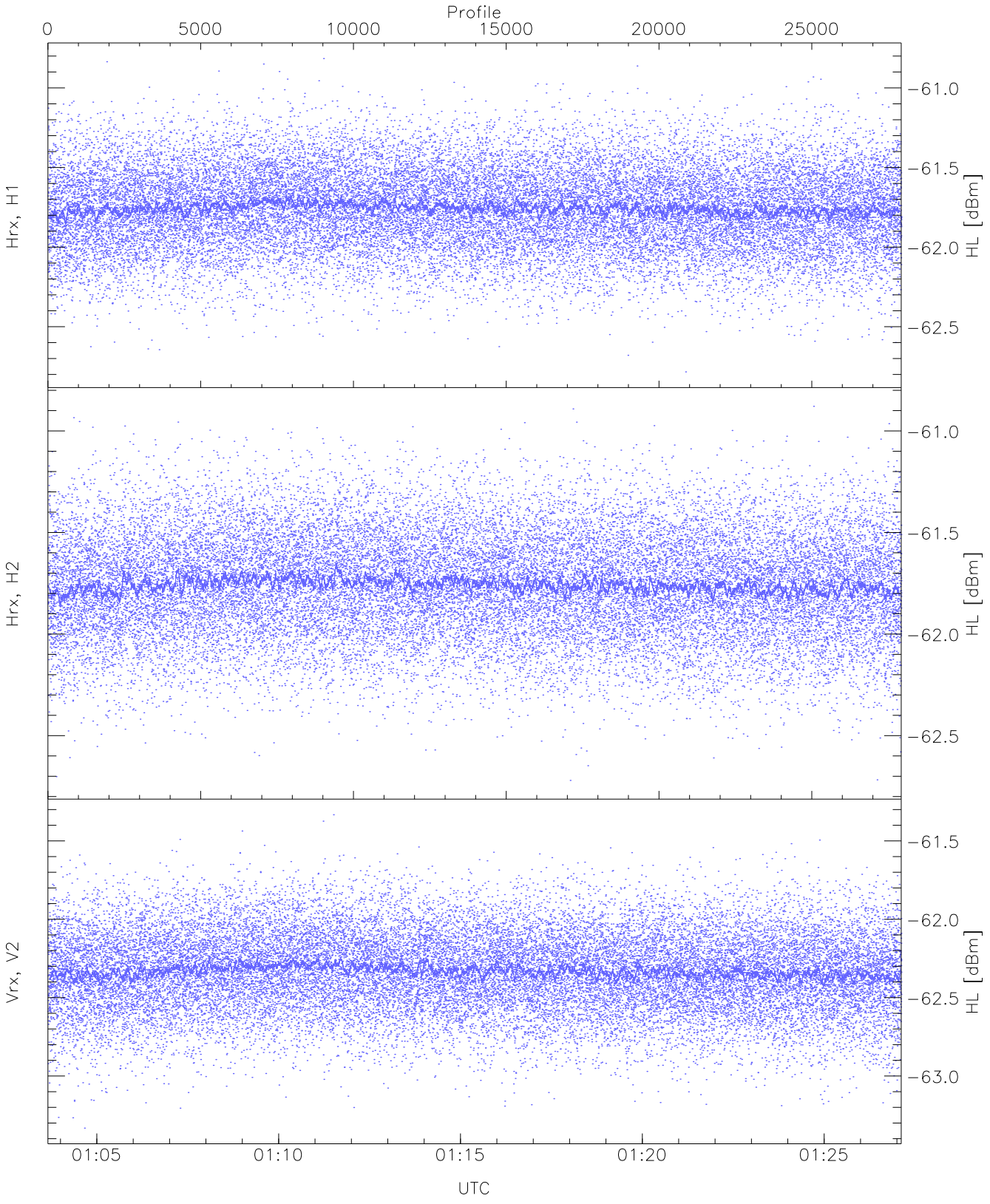
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9685 pixs, 15 gates, 9683 profs, 1 prods



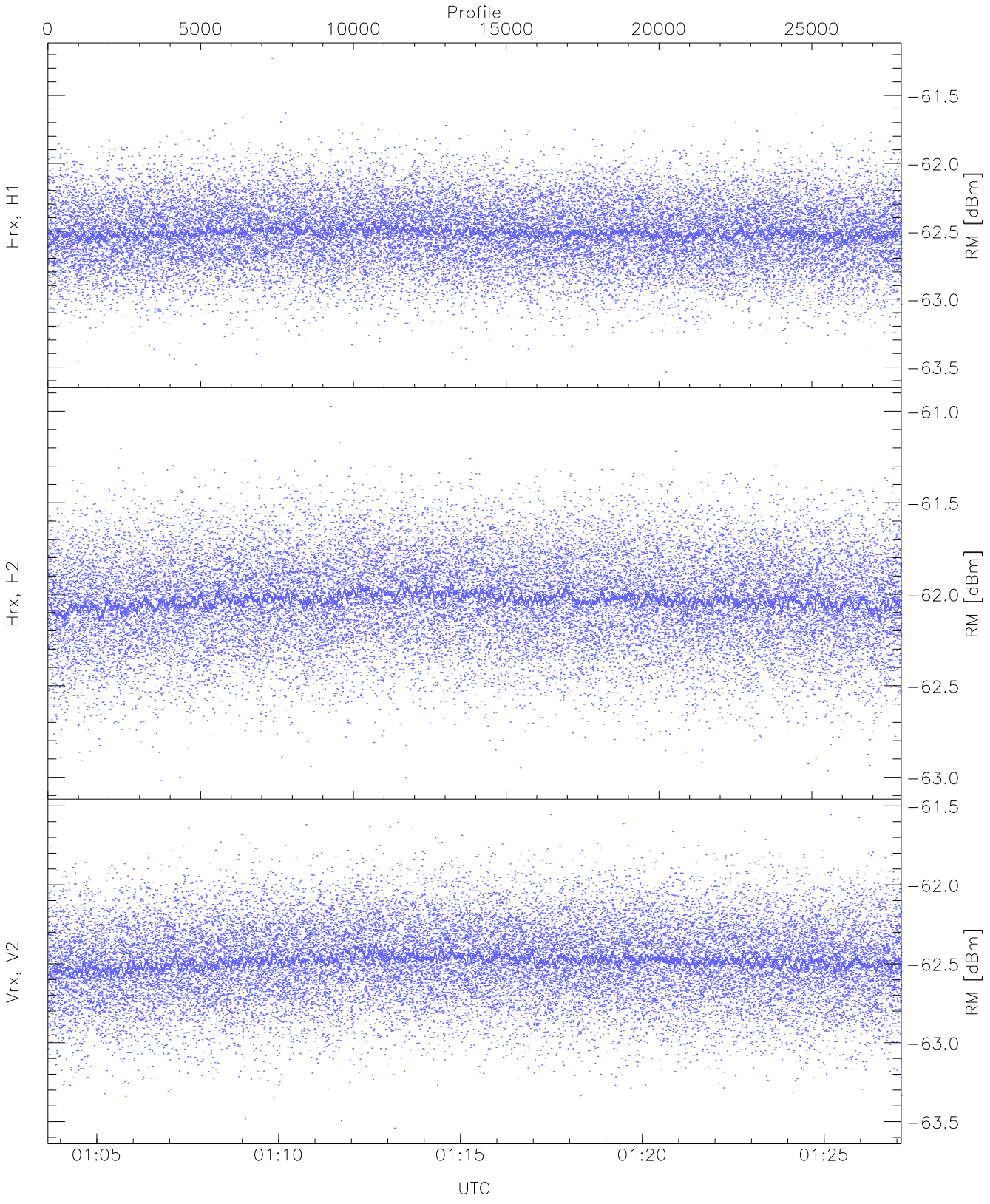
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.90	-61.08	-61.98	-61.99	-74.55
Hrx, H2(WL [dBm])	-62.87	-60.96	-61.97	-61.98	-74.56
Vrx, V2(WL [dBm])	-63.51	-61.64	-62.53	-62.54	-75.10



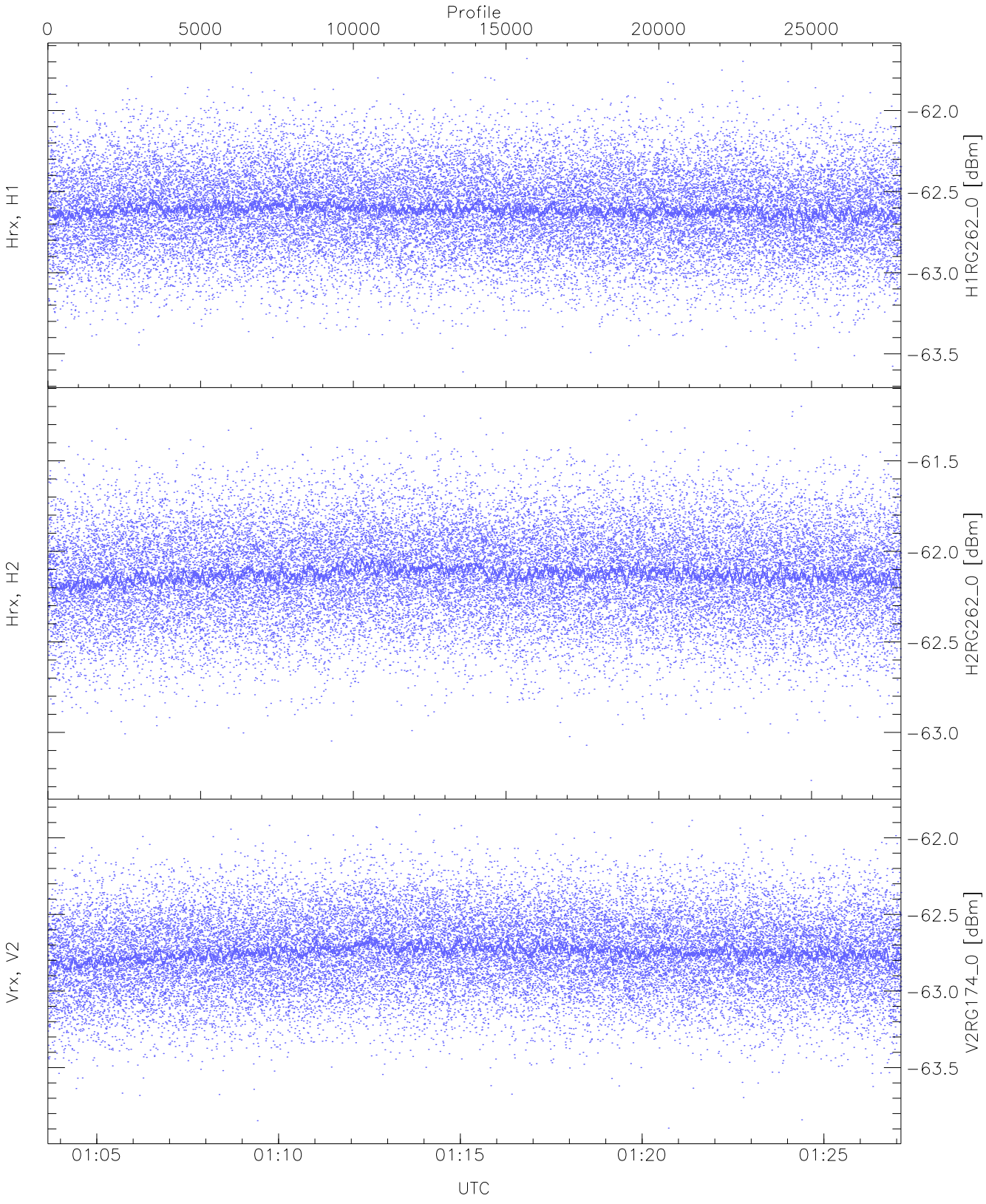
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.78	-60.82	-61.75	-61.76	-74.29
Hrx, H2(HL [dBm])	-62.72	-60.88	-61.75	-61.76	-74.32
Vrx, V2(HL [dBm])	-63.33	-61.33	-62.33	-62.33	-74.85



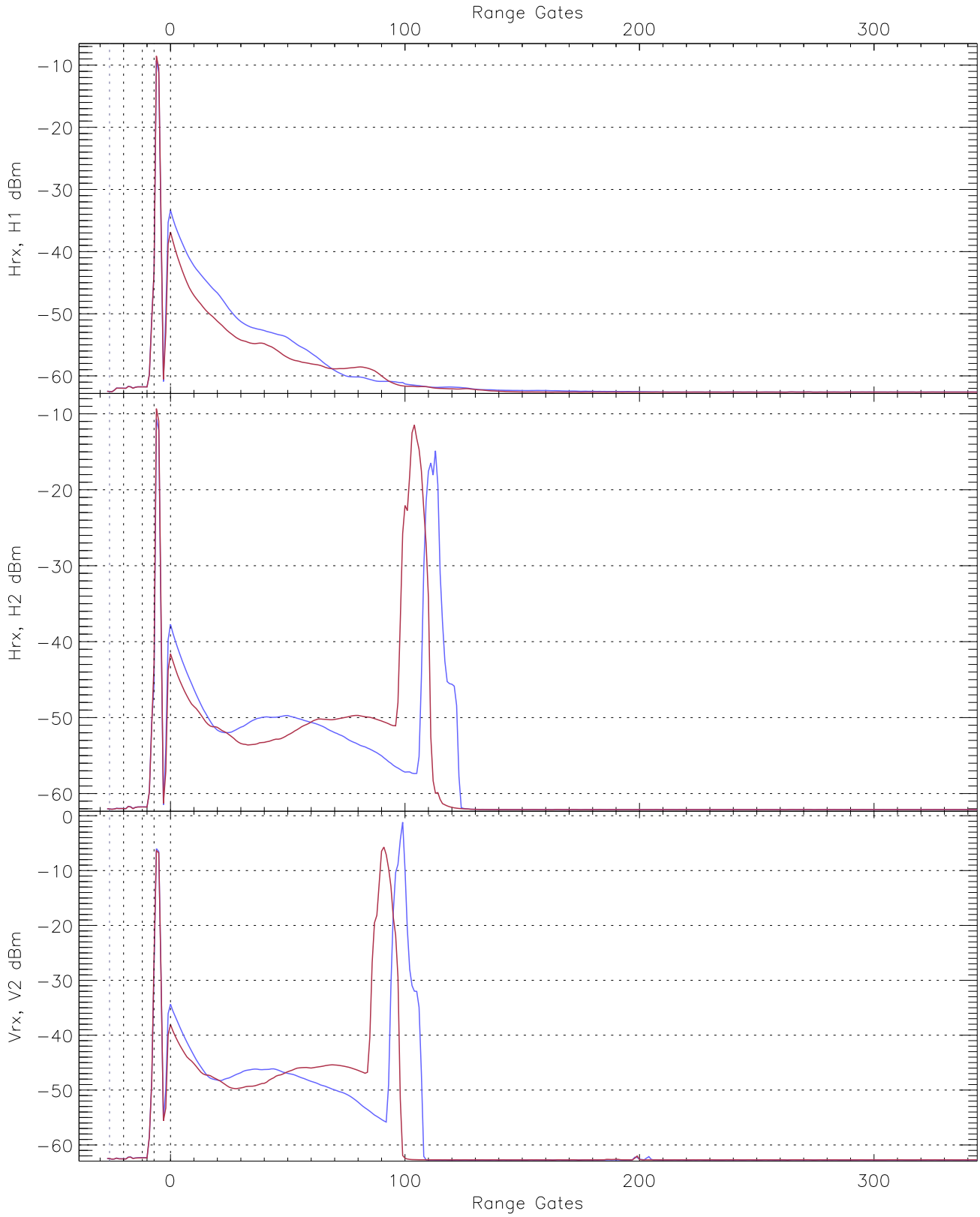
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.54	-61.23	-62.51	-62.51	-75.08
Hrx, H2(RM [dBm])	-63.02	-60.97	-62.03	-62.03	-74.57
Vrx, V2(RM [dBm])	-63.54	-61.56	-62.48	-62.49	-75.01

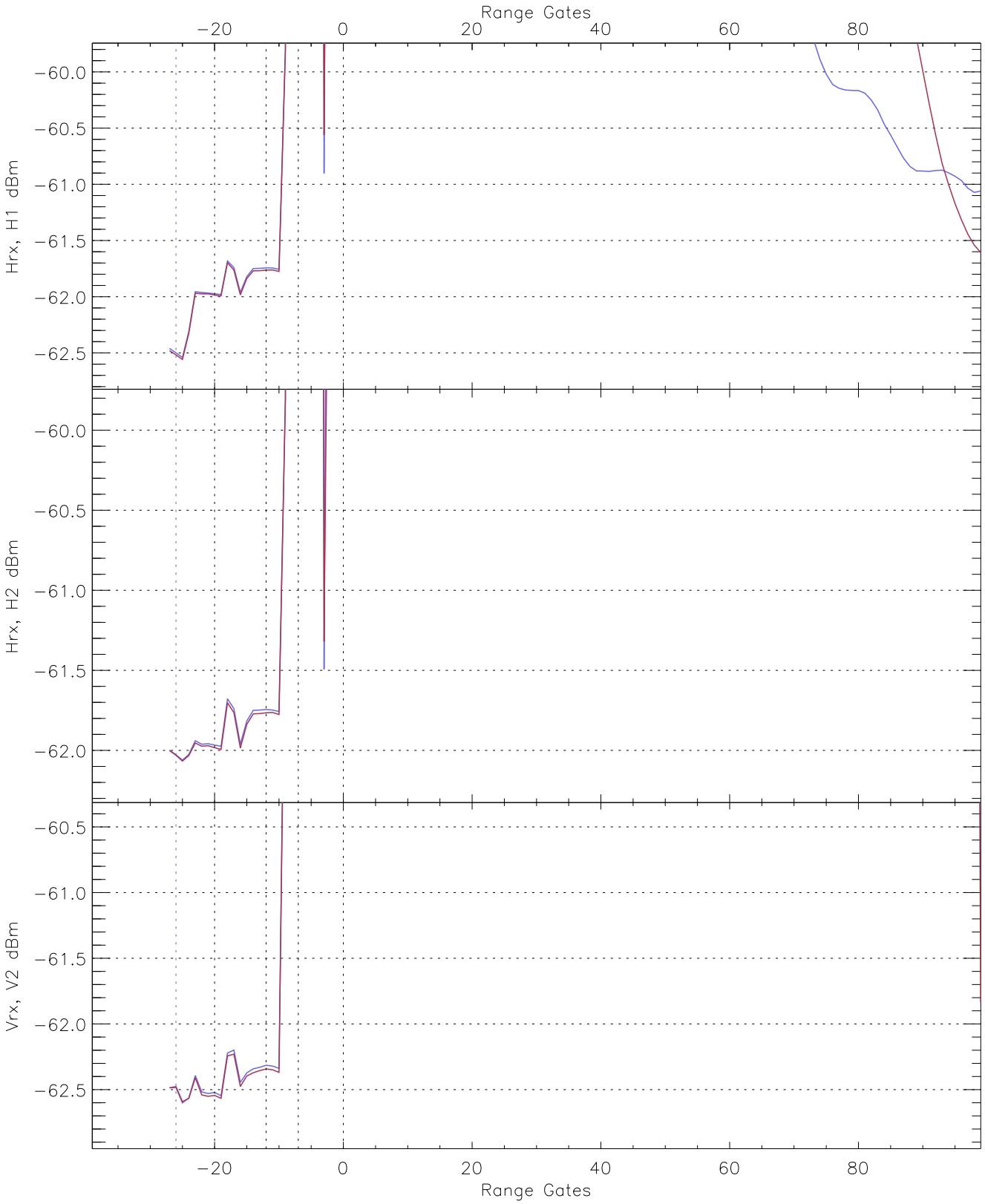


WCR2 CPP "Best" estimate Receivers Noise Power

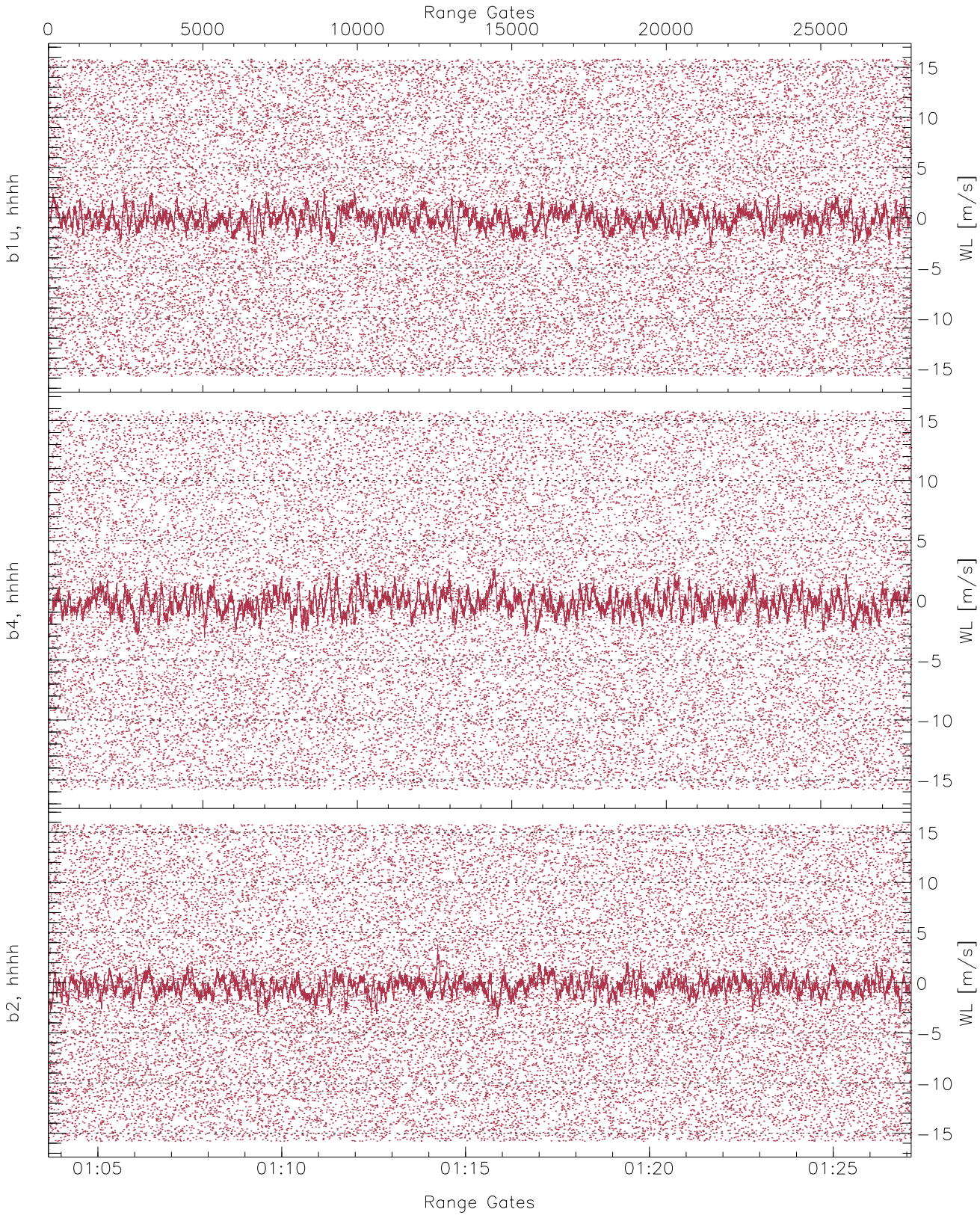
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.61	-61.68	-62.61	-62.61	-75.15
H2RG262_0 [dBm]	-63.27	-61.20	-62.12	-62.13	-74.66
V2RG174_0 [dBm]	-63.89	-61.85	-62.75	-62.75	-75.25



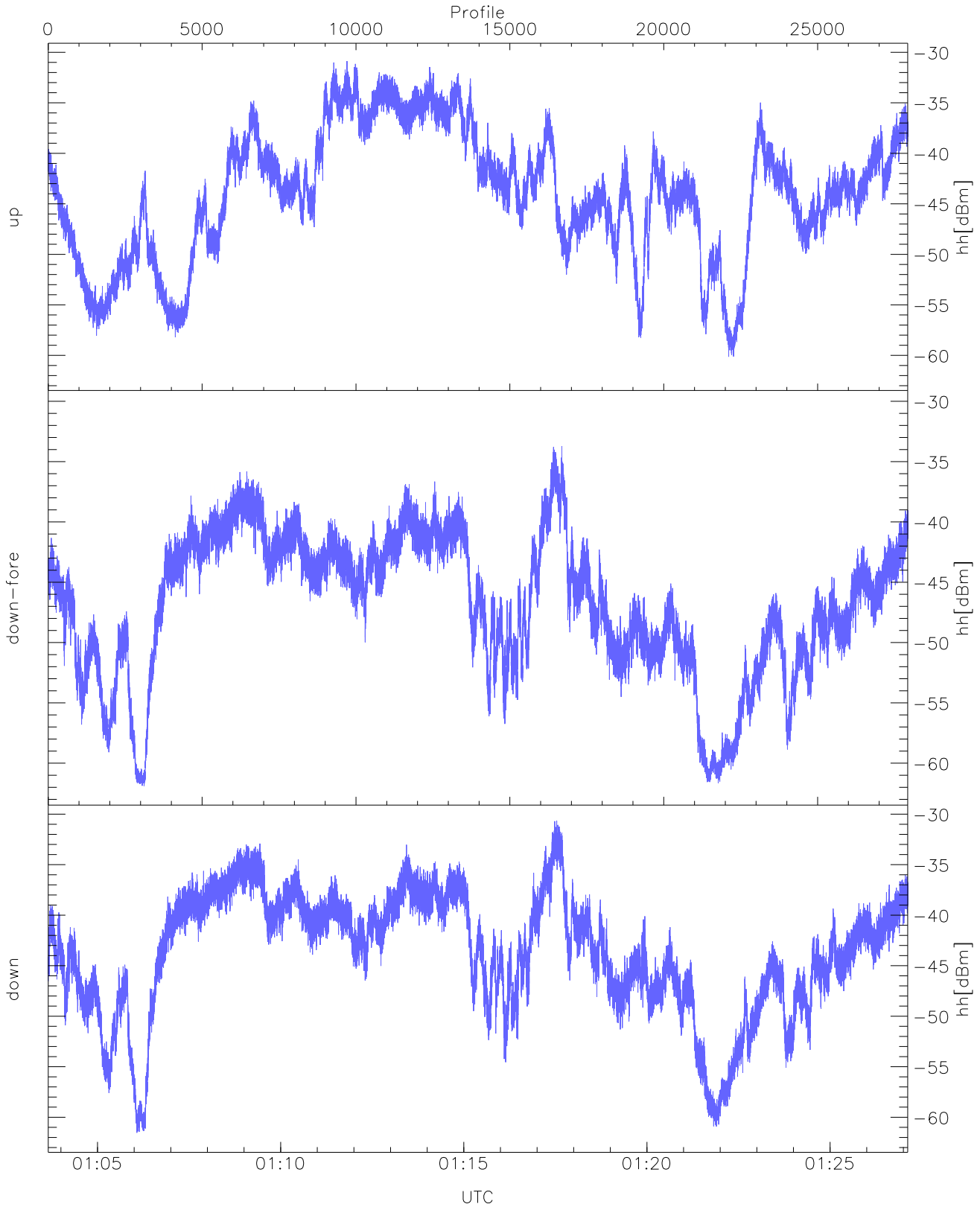
WCR2 CPP Averaged Received power for all recorded gates
blue: 010339-011523, 13965 profiles averaged
red: 011523-012707, 13965 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 010339-011523, 13965 profiles averaged
red: 011523-012707, 13965 profiles averaged

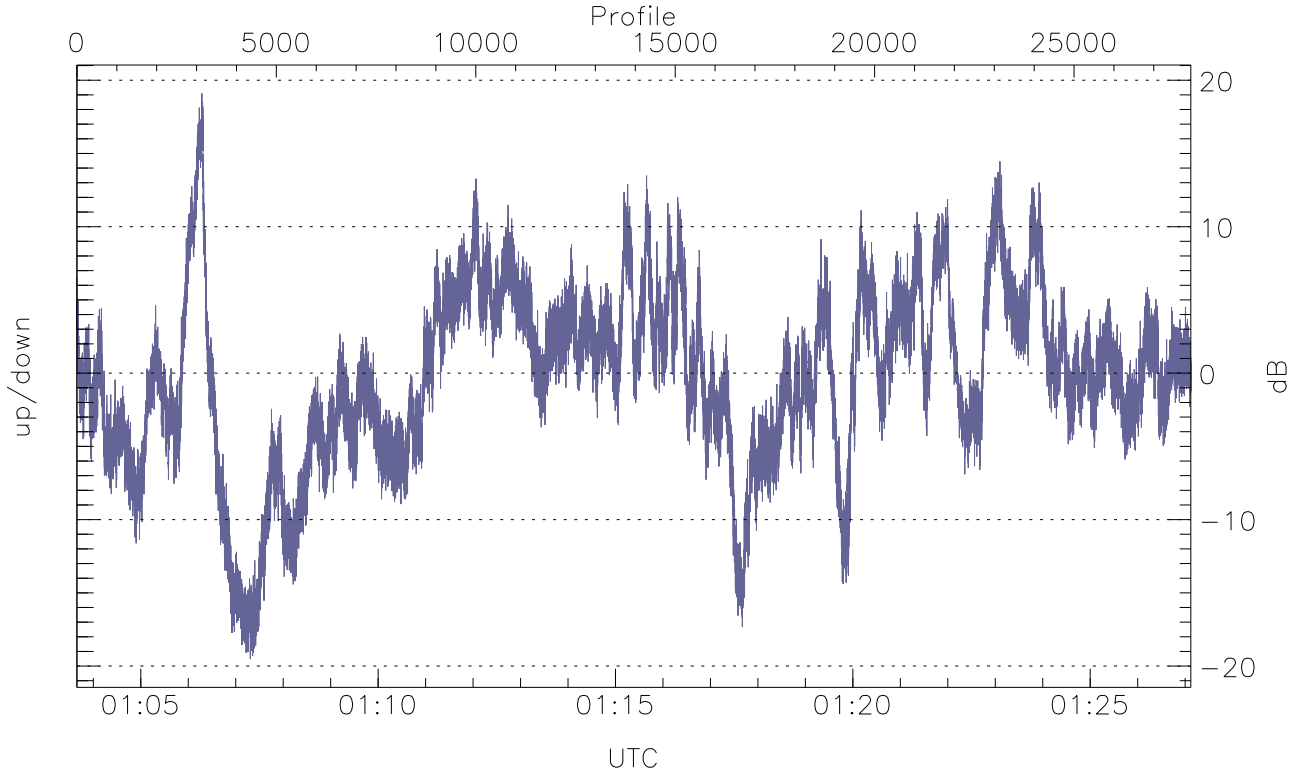


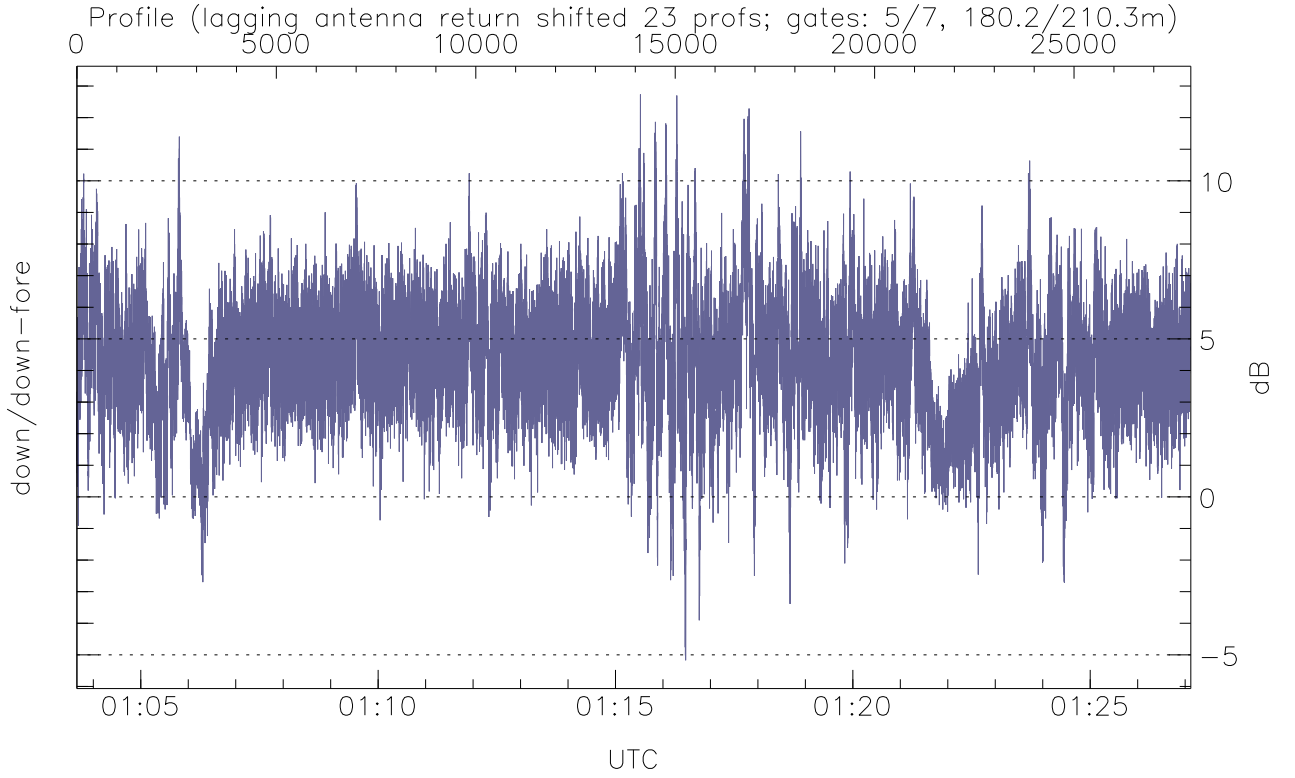
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

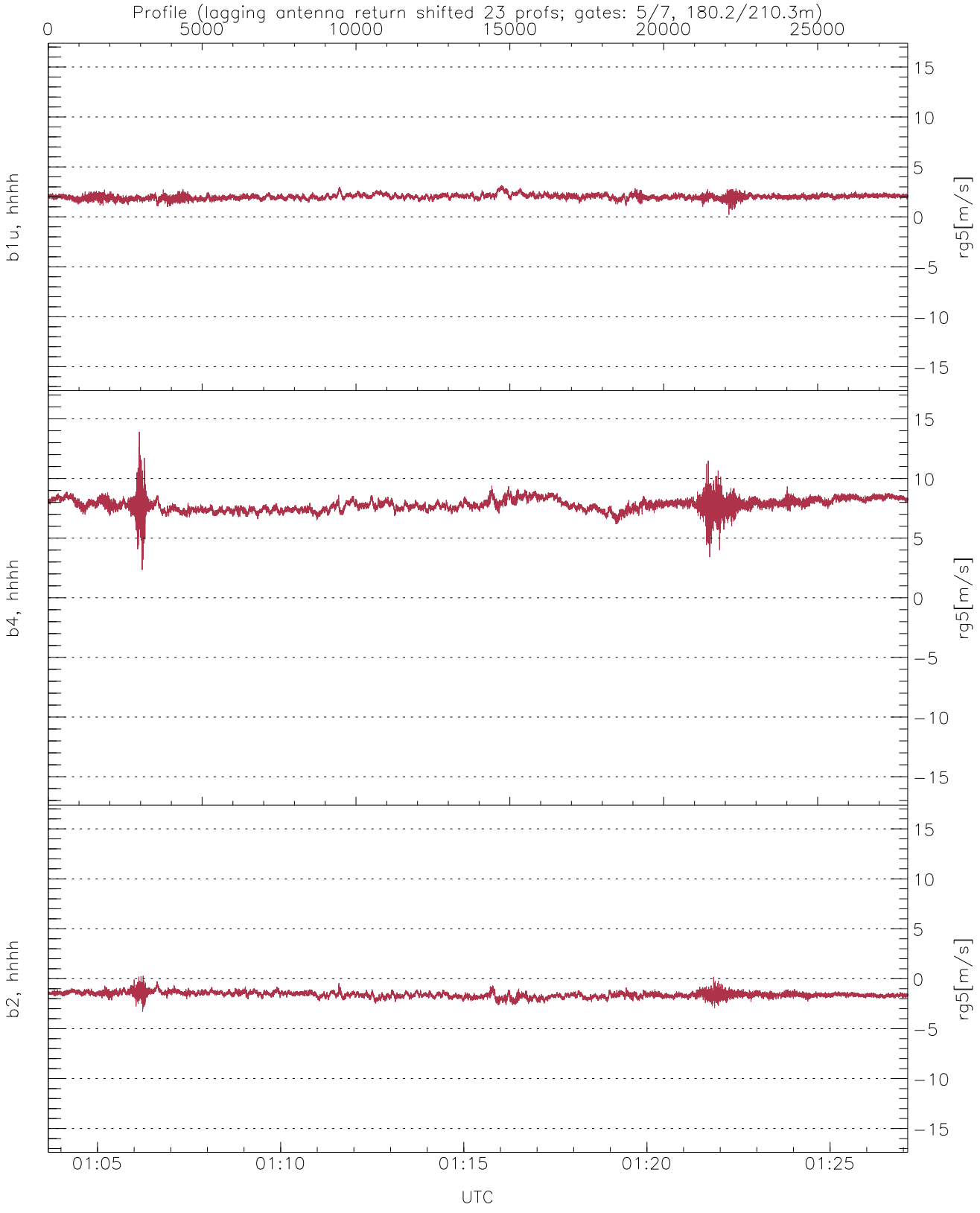
	Min	Max	Mean
up(hh[dBm])	-60.14	-30.87	-40.29
down-fore(hh[dBm])	-61.91	-33.72	-43.86
down(hh[dBm])	-61.54	-30.66	-40.76





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

	Min	Max	Mean
up/down(dB)	-19.52	19.11	-0.24
down/down-fore(dB)	-5.17	12.73	4.30



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.21	3.18	2.01	0.23
b4, hhhh(rg5[m/s])	2.34	13.92	7.79	0.50
b2, hhhh(rg5[m/s])	-3.31	0.29	-1.59	0.26