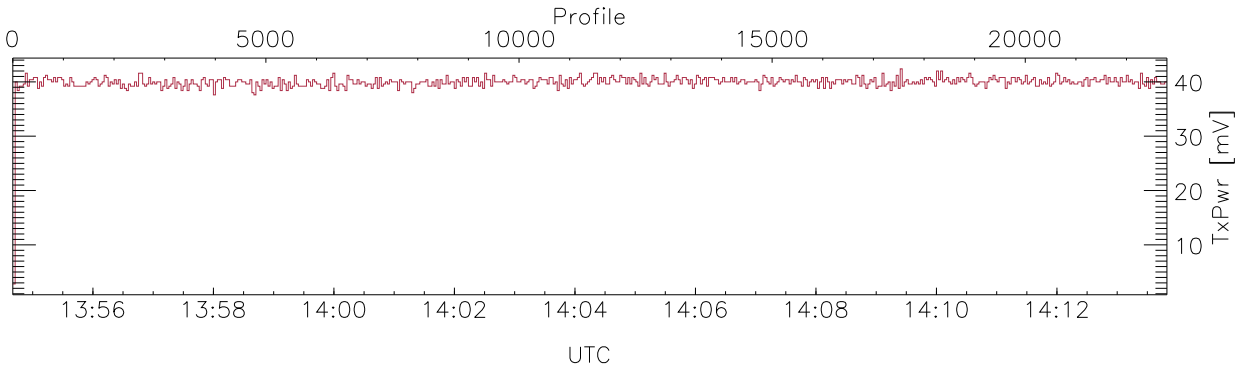
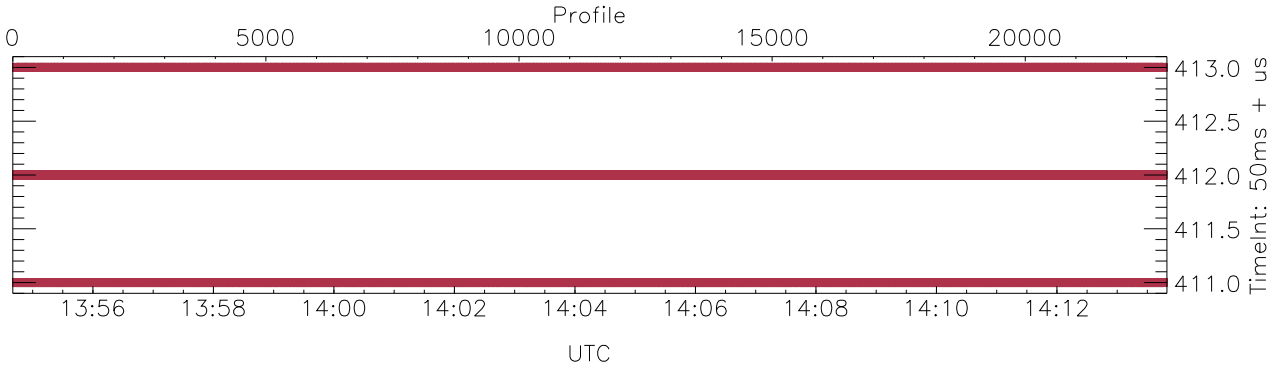
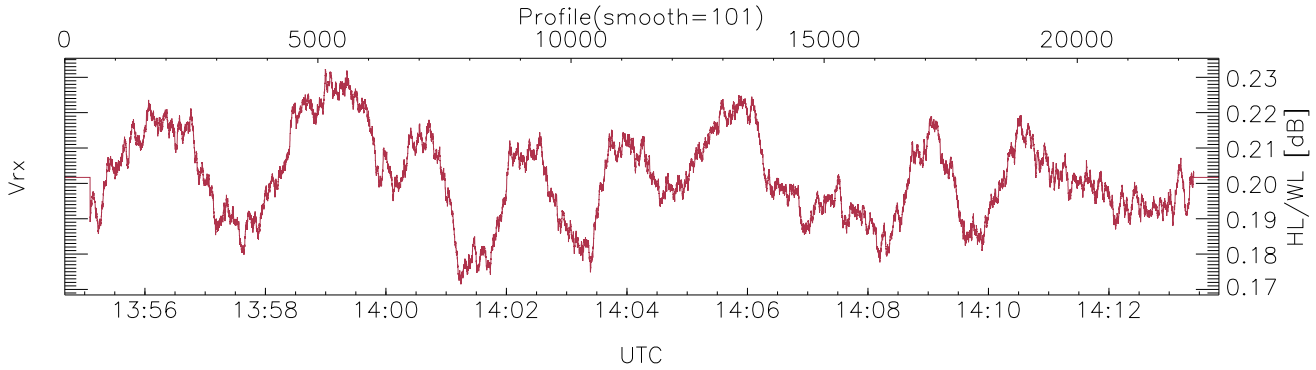
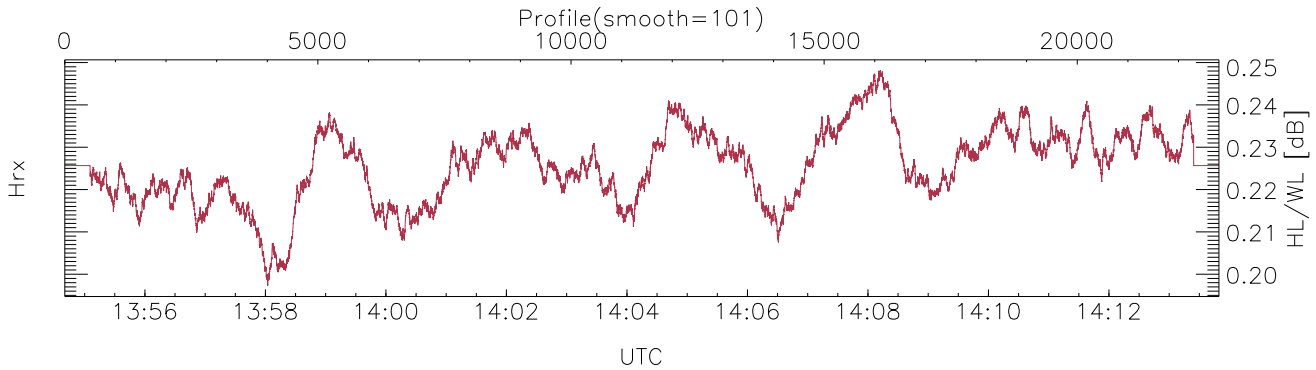


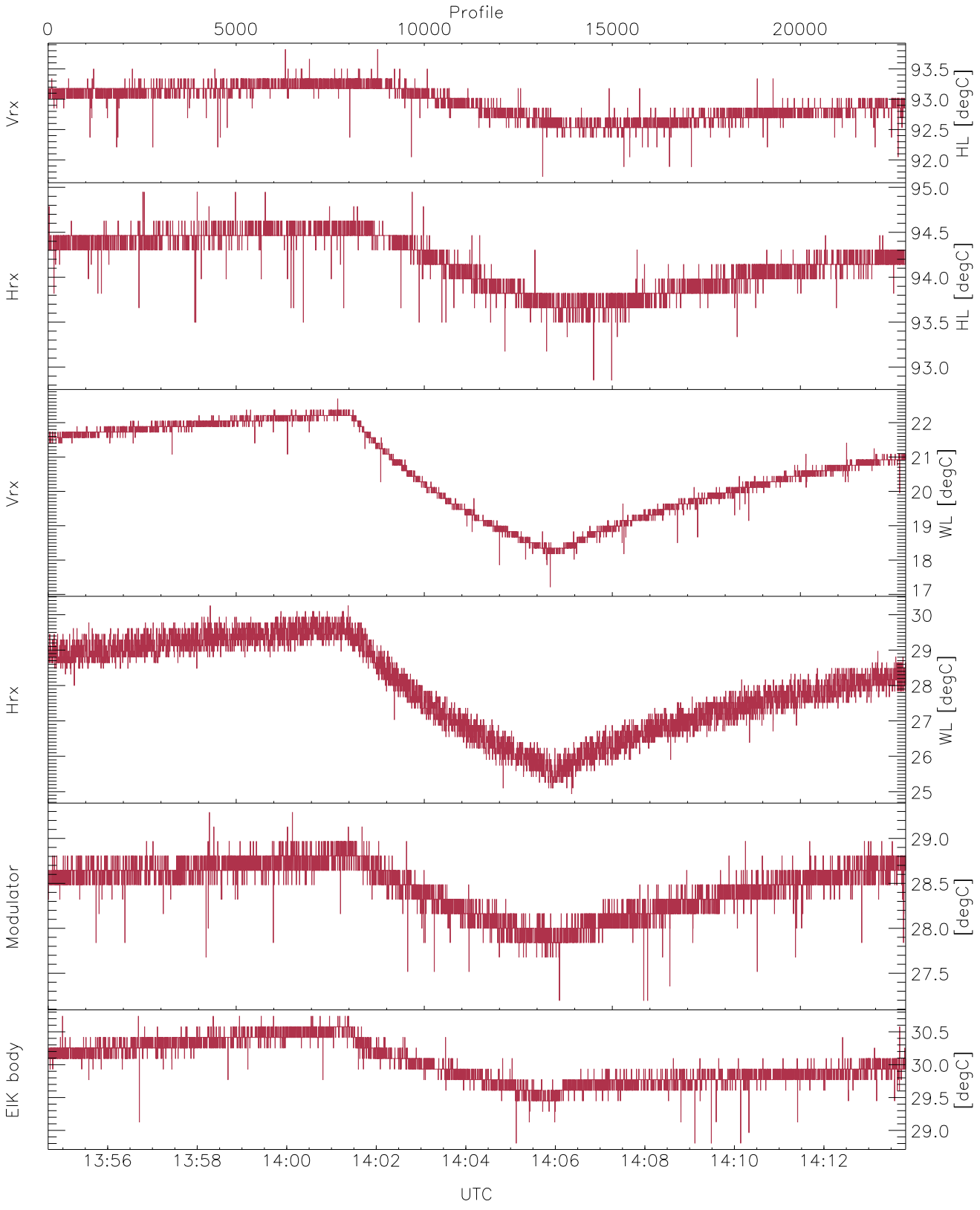






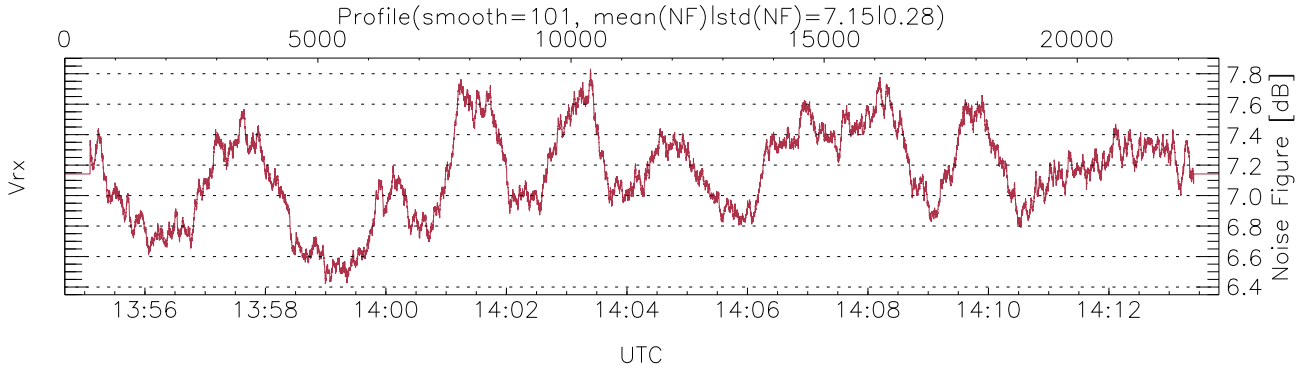
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

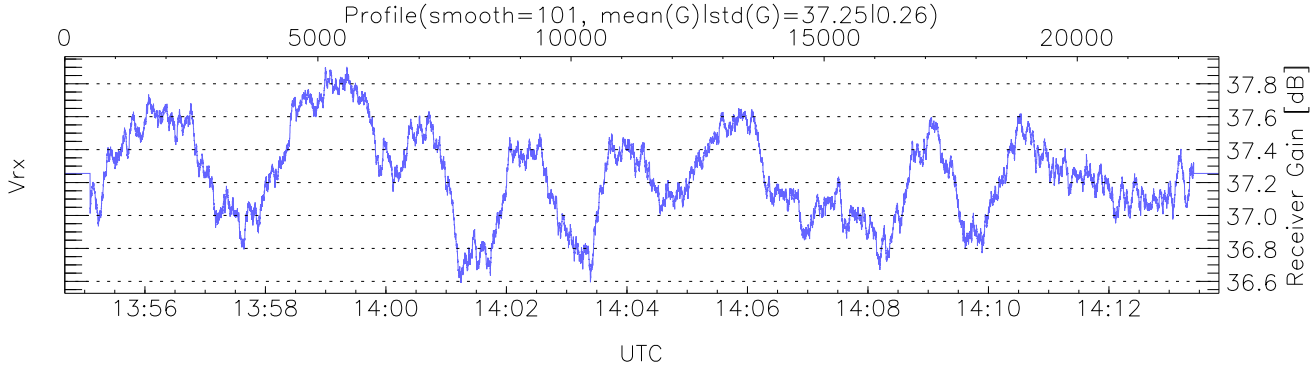
UTC: 13:54:40-14:24:02, Dur: 1761.77s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/34948, 0-22799/13:54:40-14:13:50
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

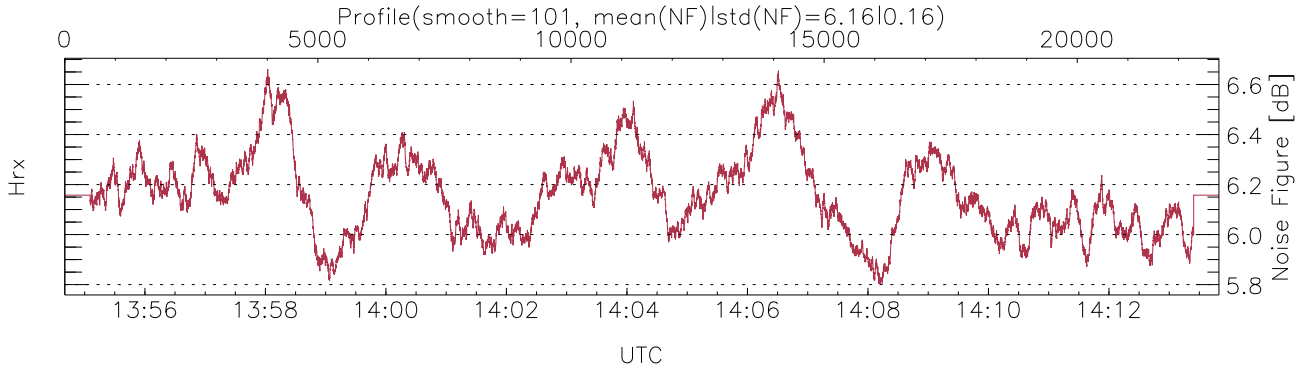


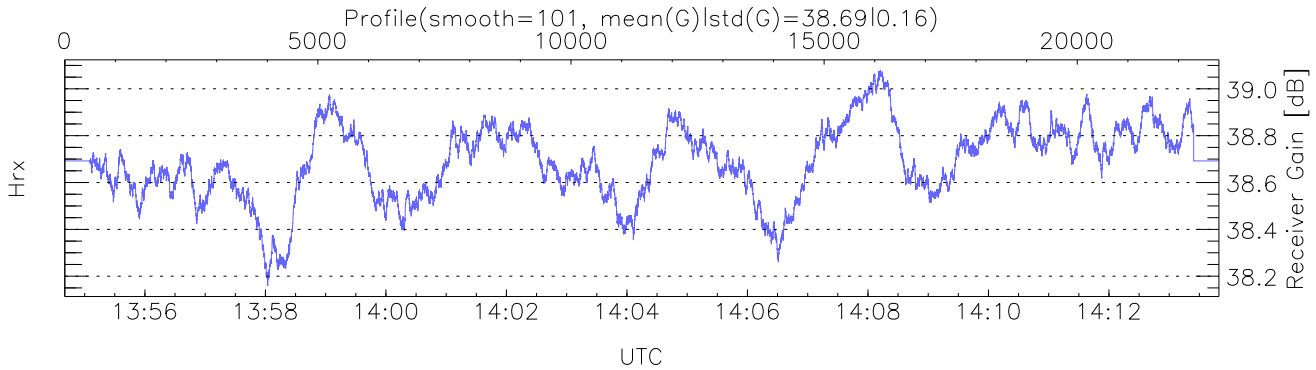
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,30,29,30
LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,28,32)



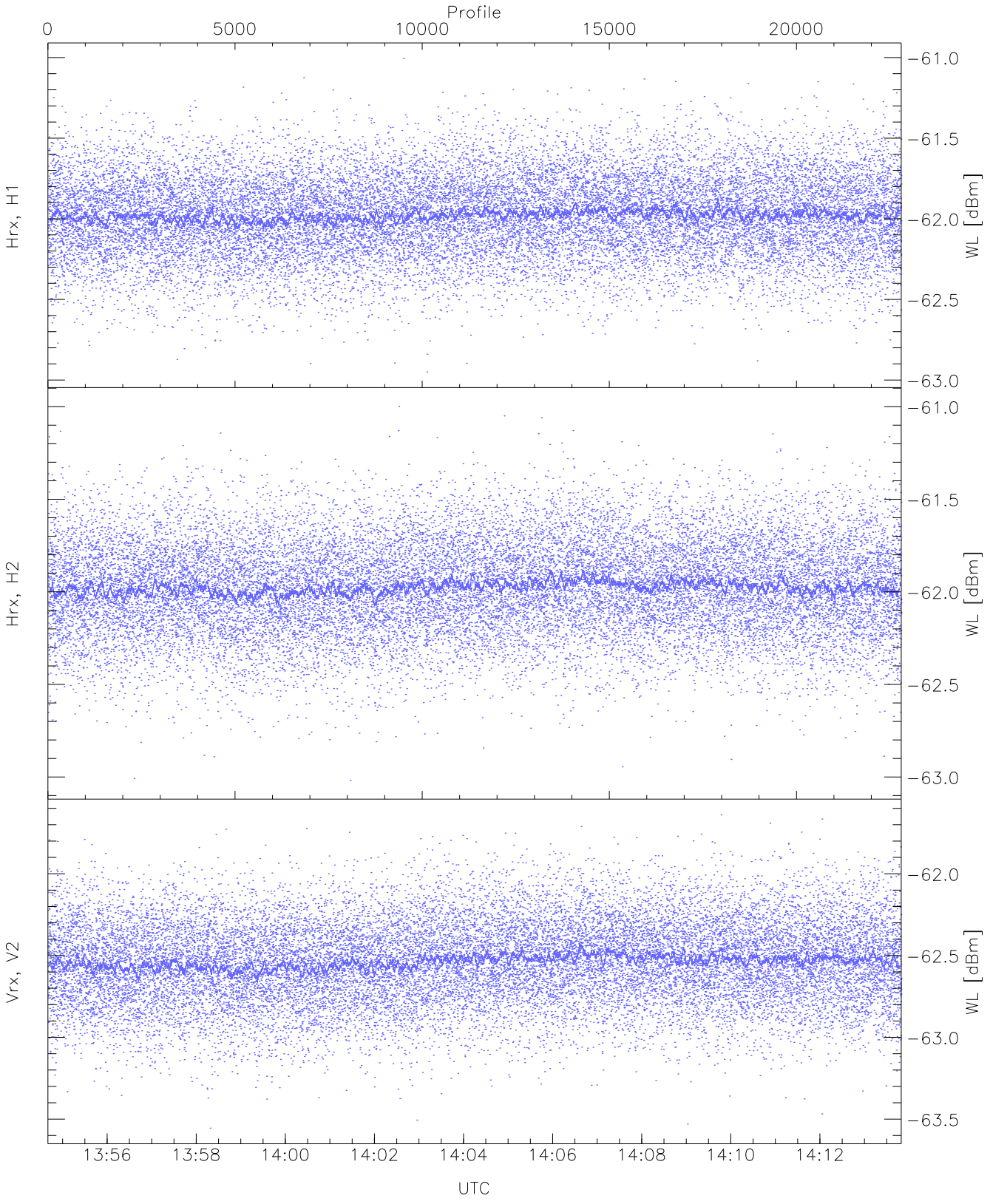






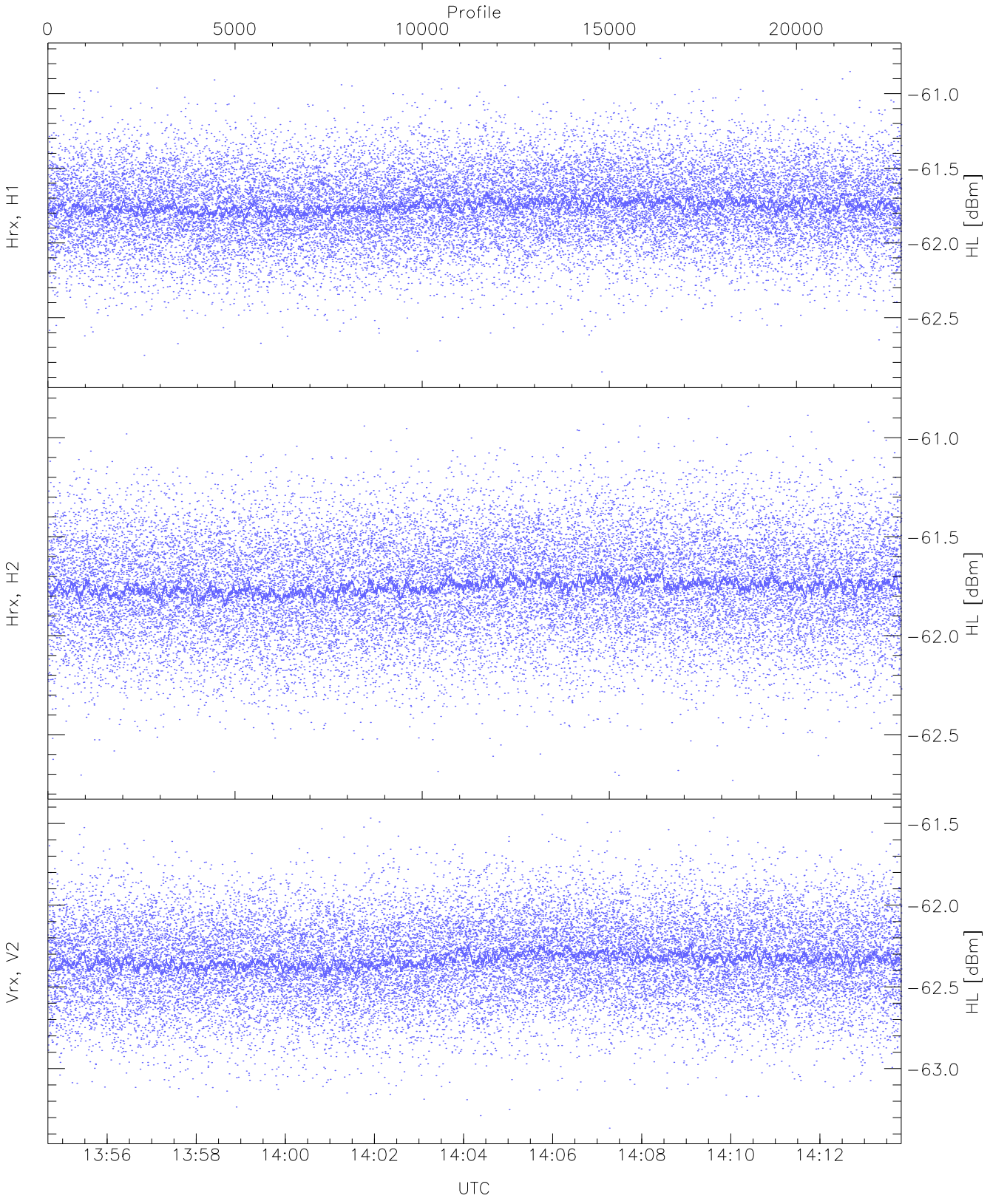
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4421 pixs, 41 gates, 4409 profs, 2 prods



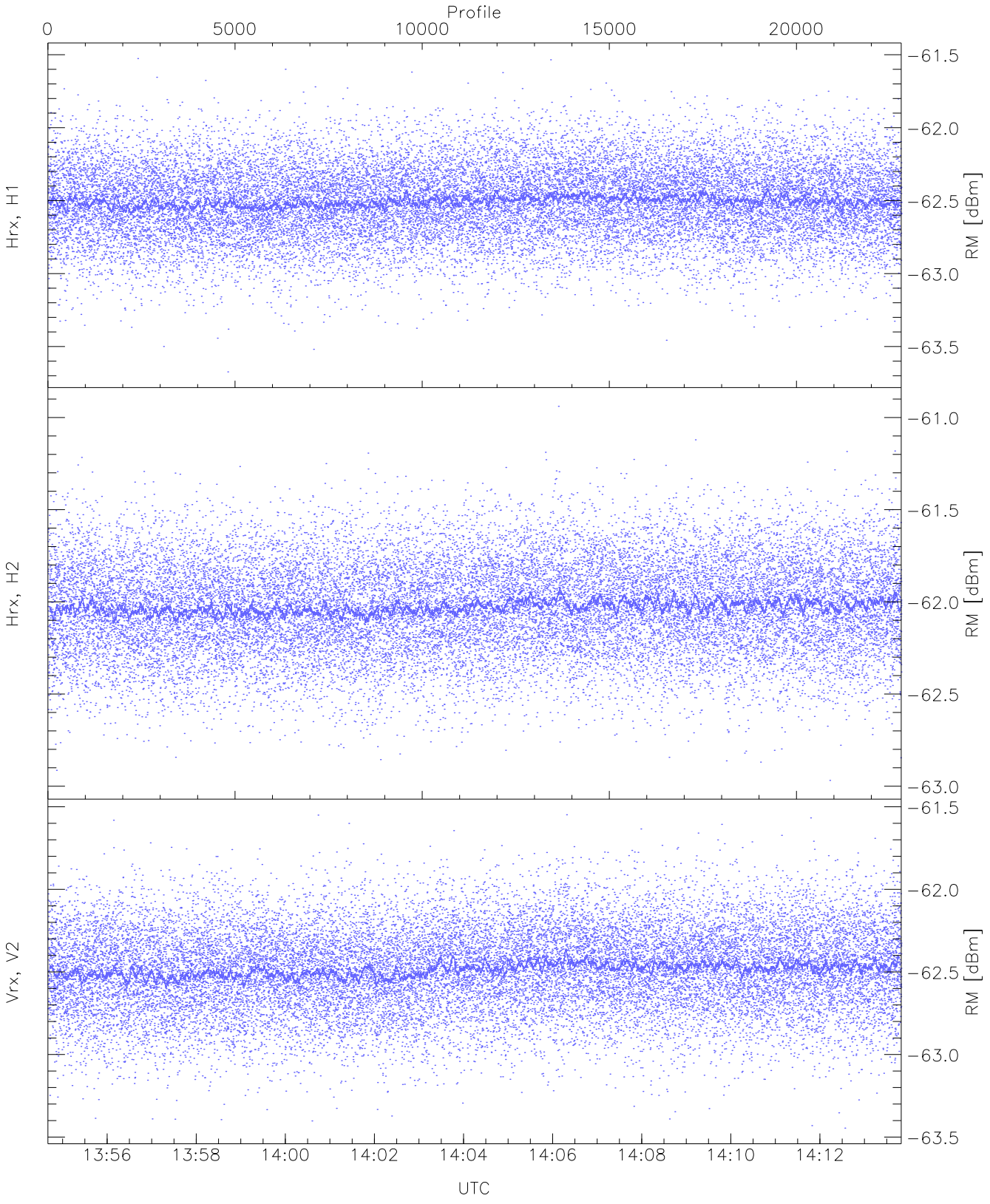
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.95	-61.01	-61.98	-61.98	-74.57
Hrx, H2(WL [dBm])	-63.02	-61.00	-61.97	-61.98	-74.54
Vrx, V2(WL [dBm])	-63.56	-61.64	-62.53	-62.54	-75.07



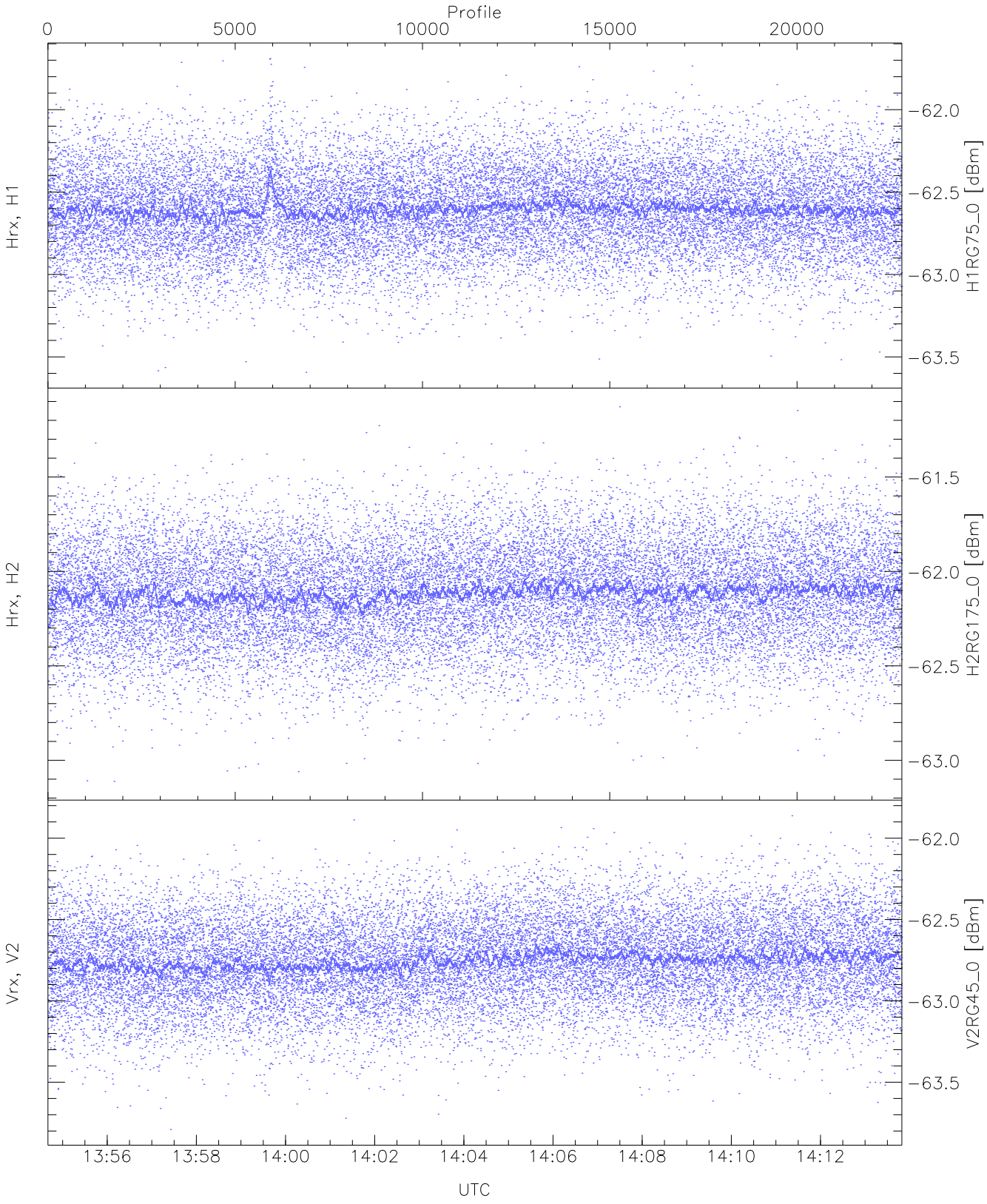
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.86	-60.77	-61.75	-61.75	-74.29
Hrx, H2(HL [dBm])	-62.73	-60.84	-61.75	-61.75	-74.33
Vrx, V2(HL [dBm])	-63.36	-61.45	-62.33	-62.34	-74.86



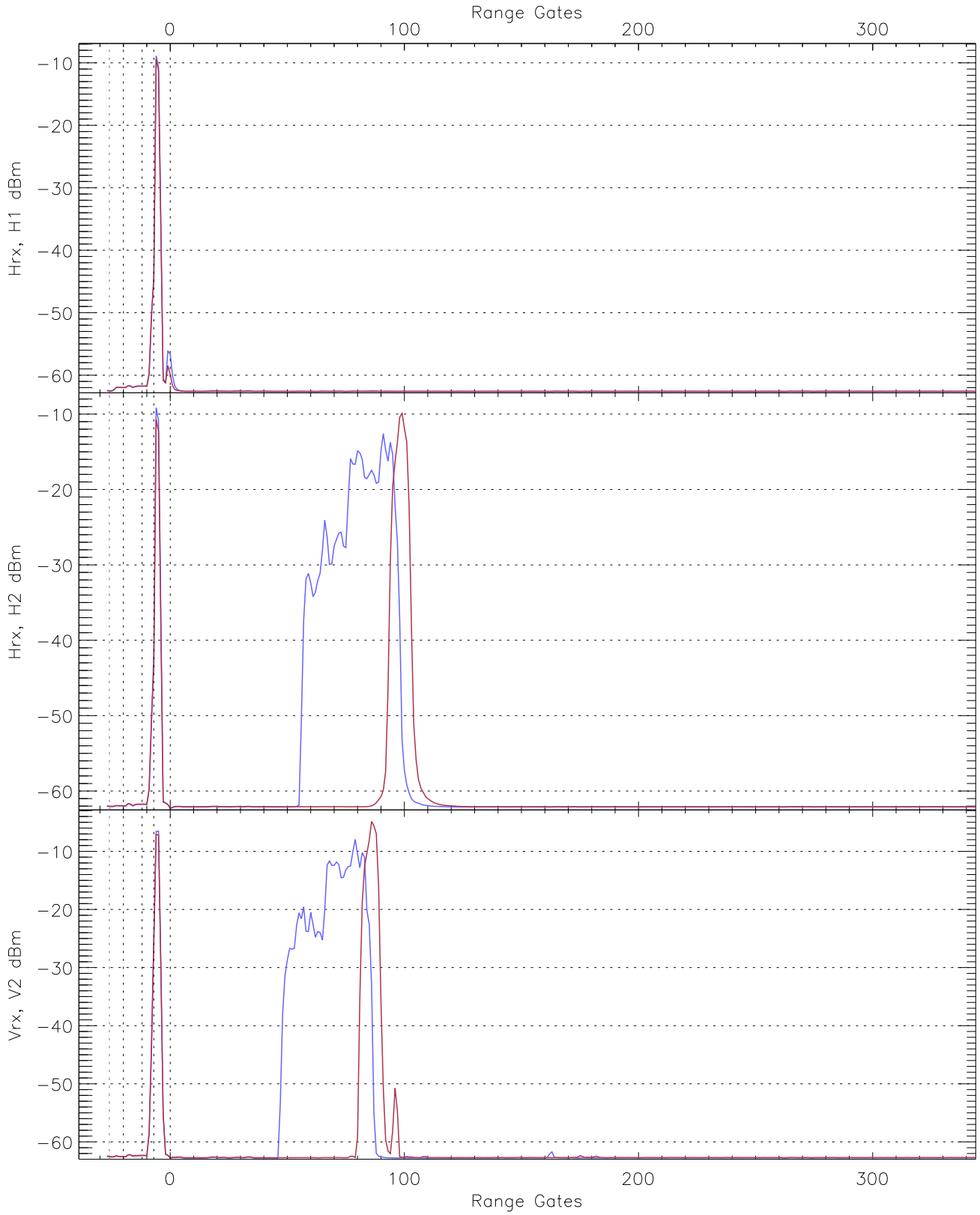
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.67	-61.53	-62.50	-62.51	-75.04
Hrx, H2(RM [dBm])	-62.97	-60.94	-62.02	-62.03	-74.58
Vrx, V2(RM [dBm])	-63.45	-61.55	-62.48	-62.48	-74.98

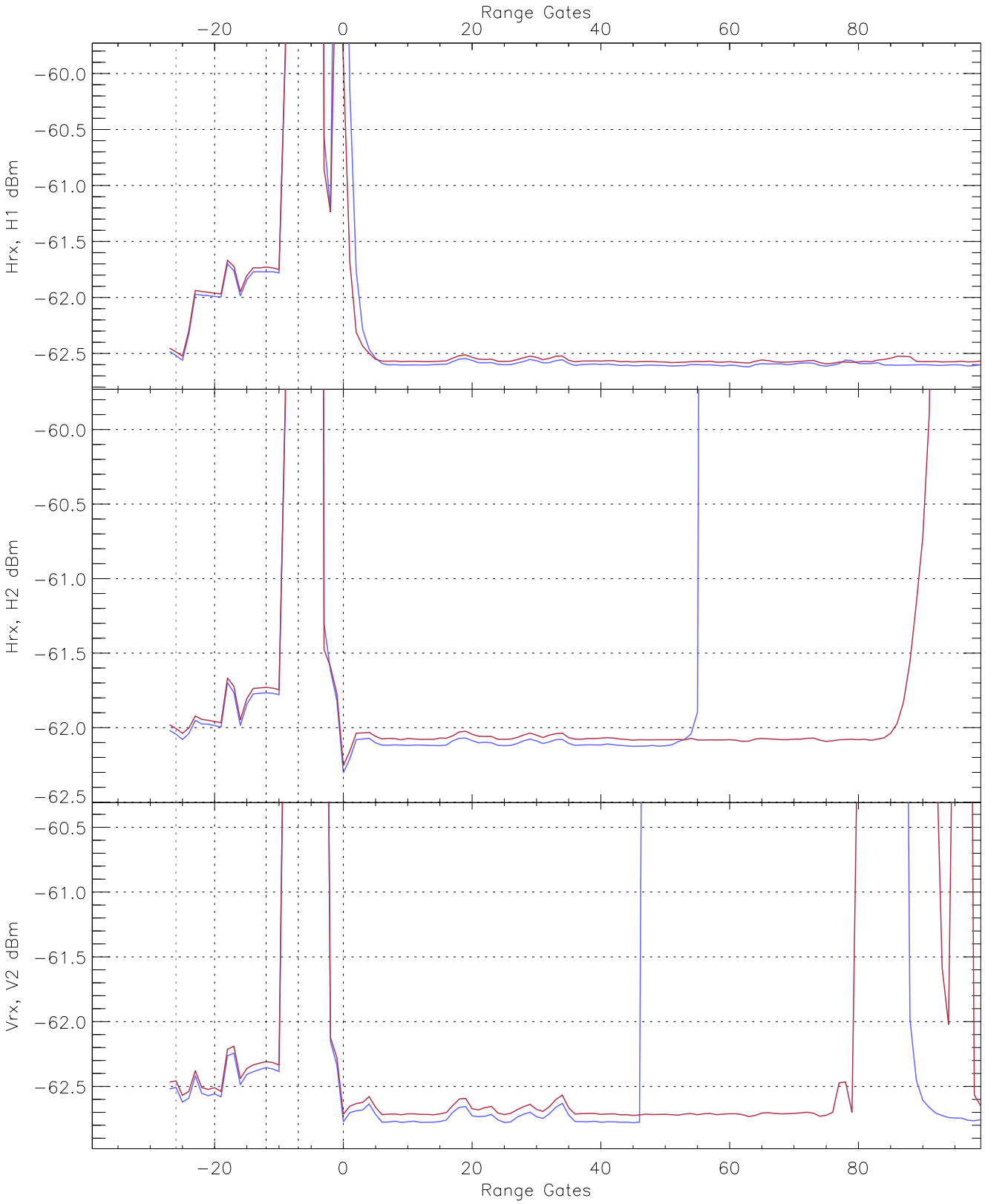


WCR2 CPP "Best" estimate Receivers Noise Power

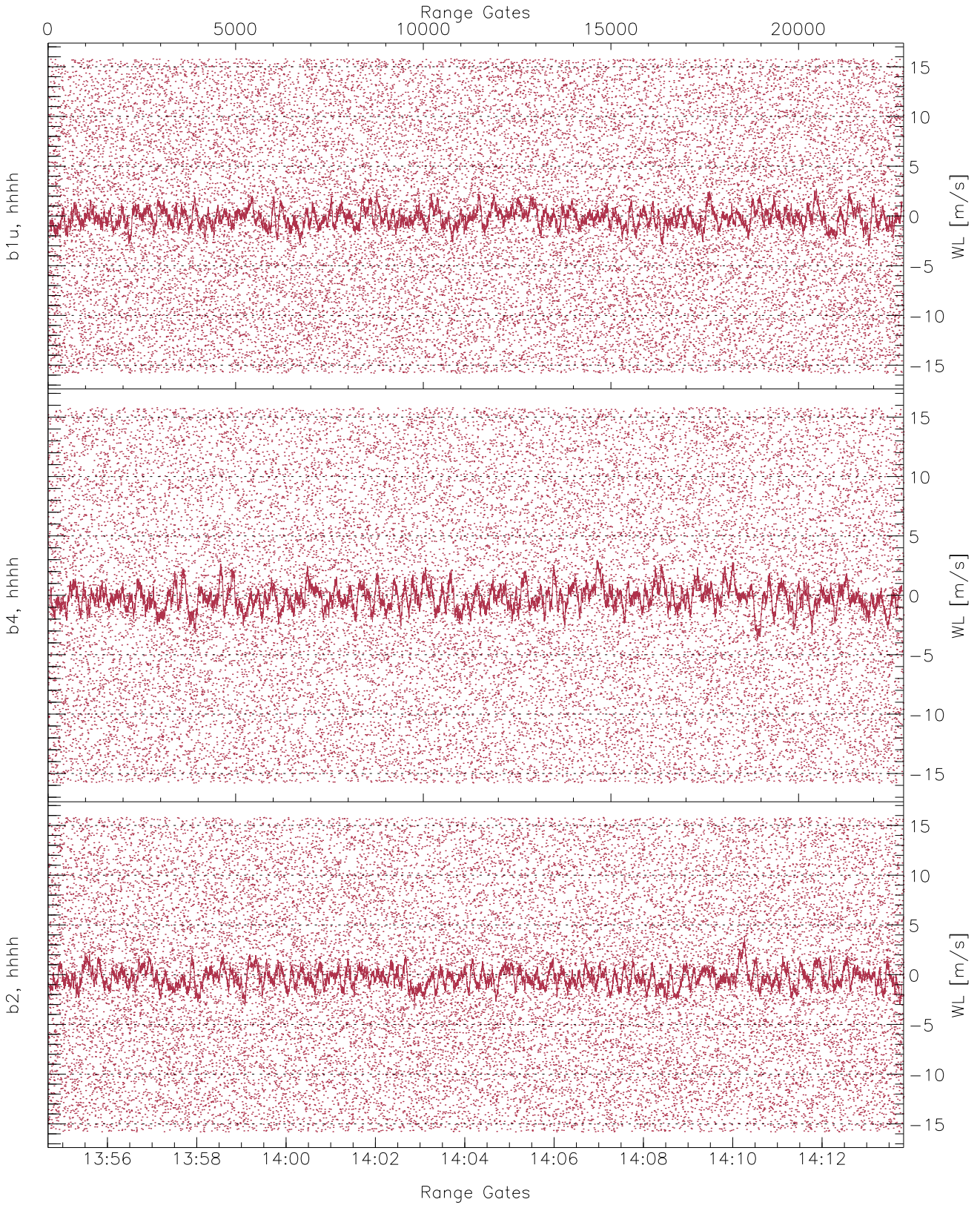
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.59	-61.69	-62.60	-62.61	-75.13
H2RG175_0 [dBm]	-63.11	-61.13	-62.11	-62.12	-74.66
V2RG45_0 [dBm]	-63.79	-61.86	-62.75	-62.76	-75.29



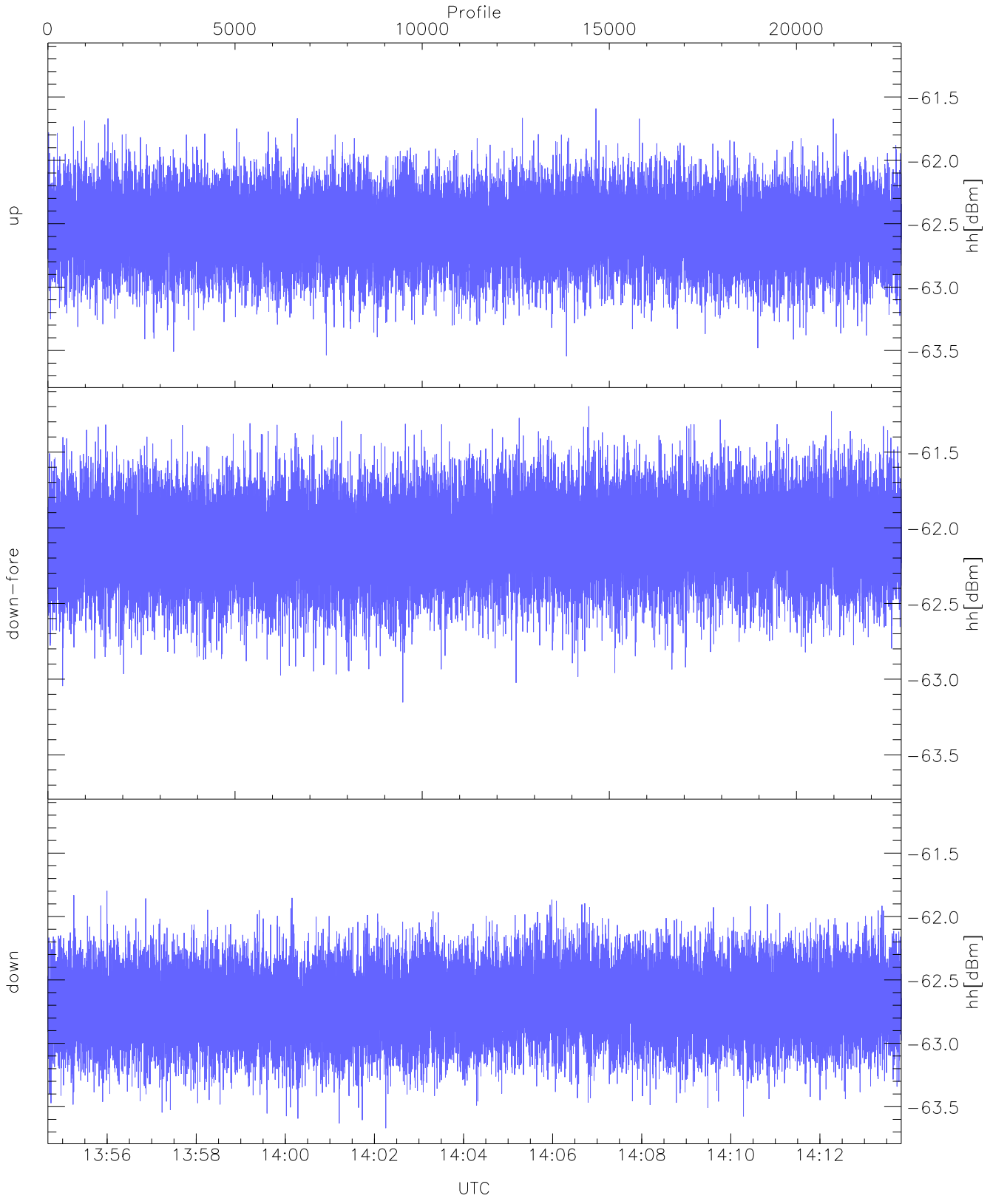
WCR2 CPP Averaged Received power for all recorded gates
blue: 135440-140415, 11401 profiles averaged
red: 140415-141350, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 135440-140415, 11401 profiles averaged
red: 140415-141350, 11400 profiles averaged

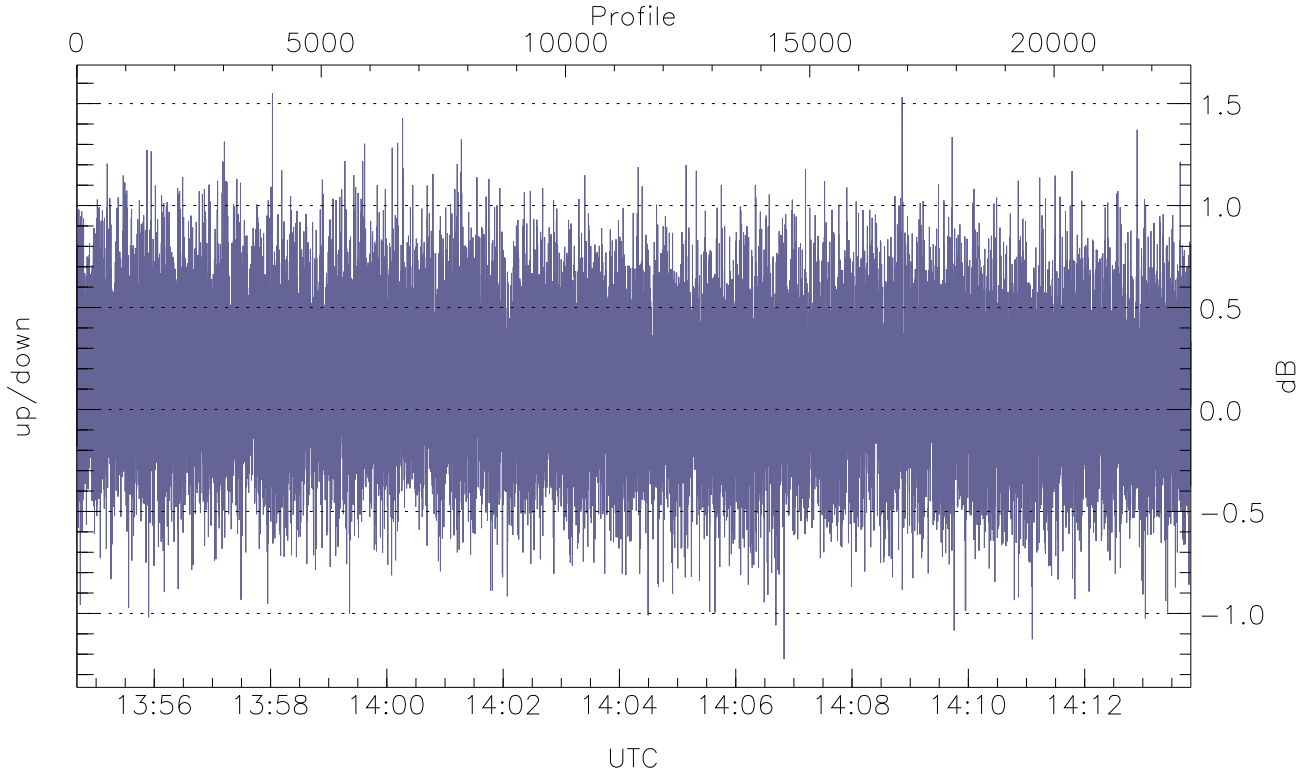


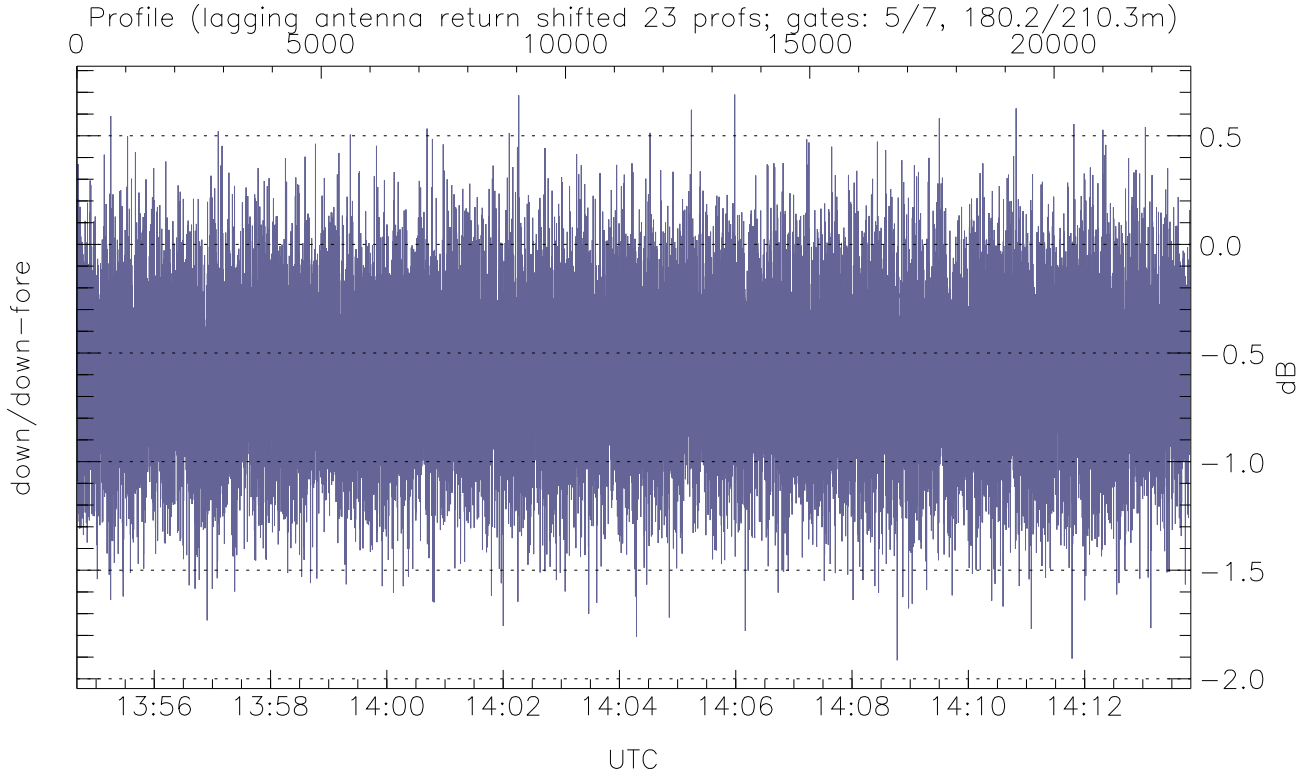
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

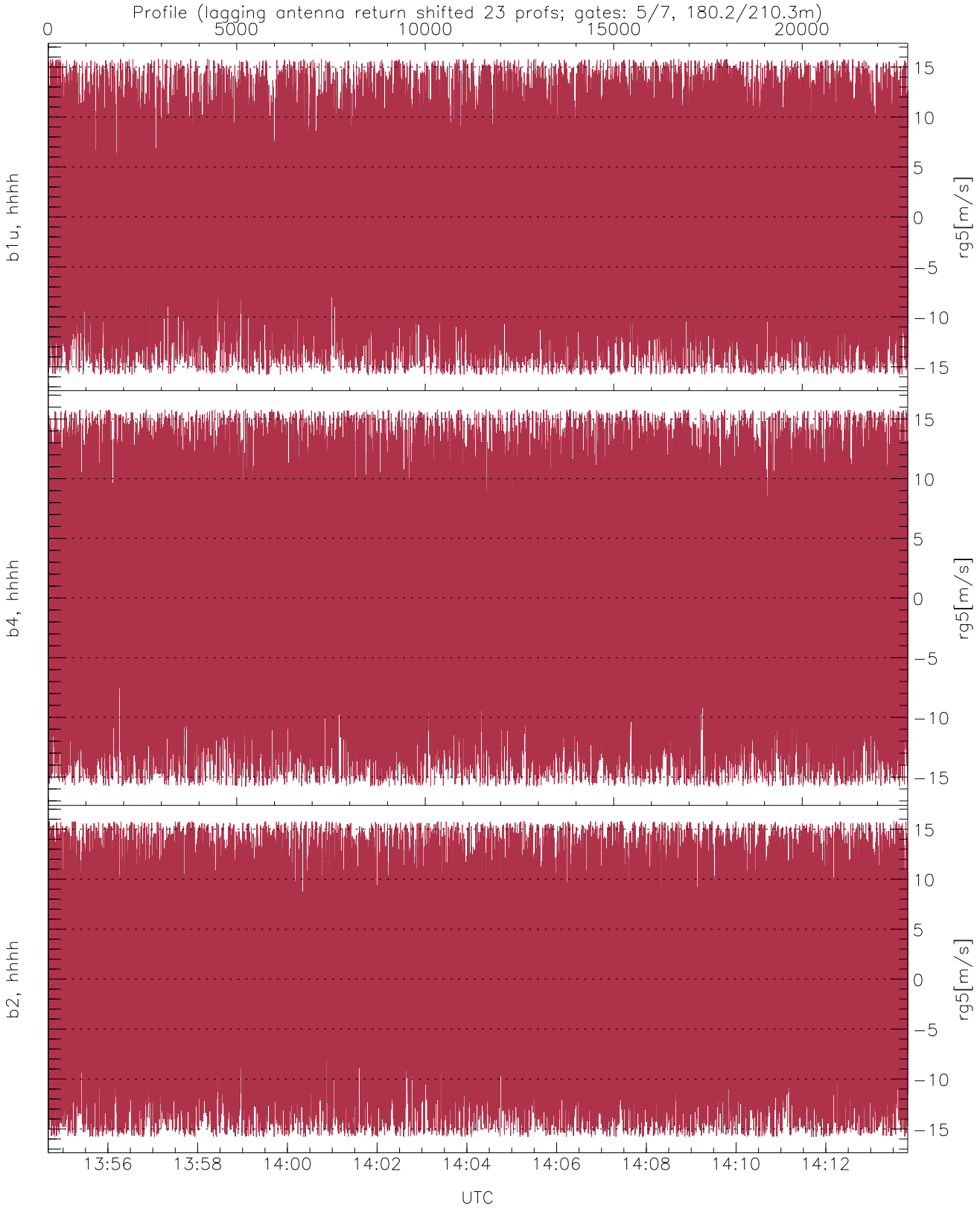
	Min	Max	Mean
up(hh[dBm])	-63.55	-61.59	-62.55
down-fore(hh[dBm])	-63.15	-61.20	-62.08
down(hh[dBm])	-63.67	-61.80	-62.69





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

	Min	Max	Mean
up/down(dB)	-1.22	1.55	0.14
down/down-fore(dB)	-1.91	0.69	-0.59



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.15	8.64
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.13	9.01
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.47	9.05