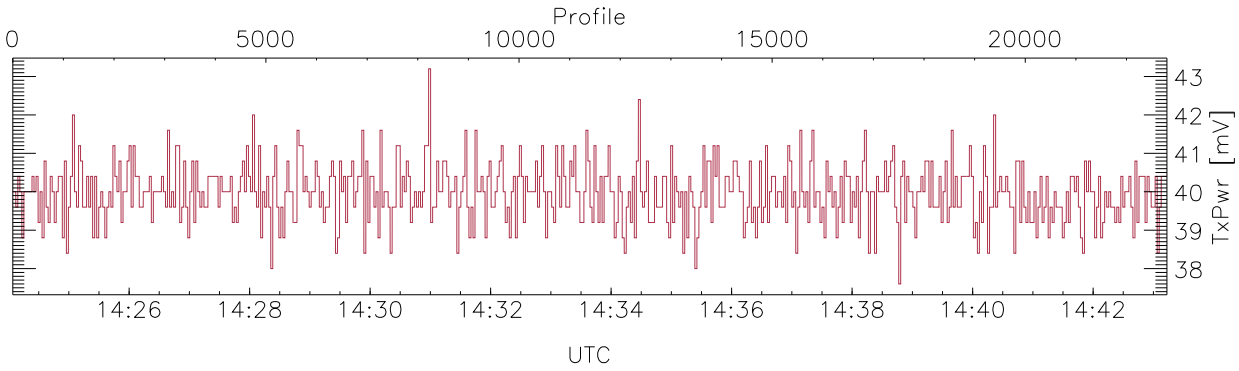
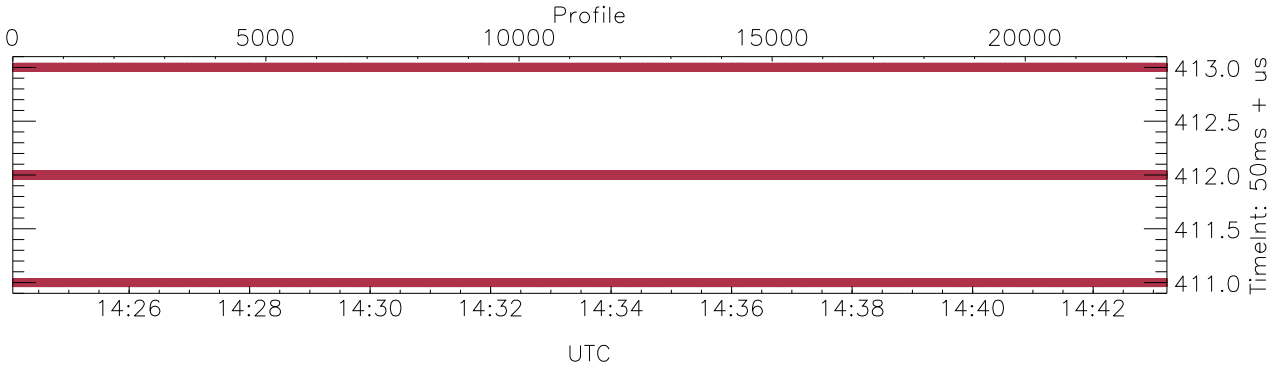
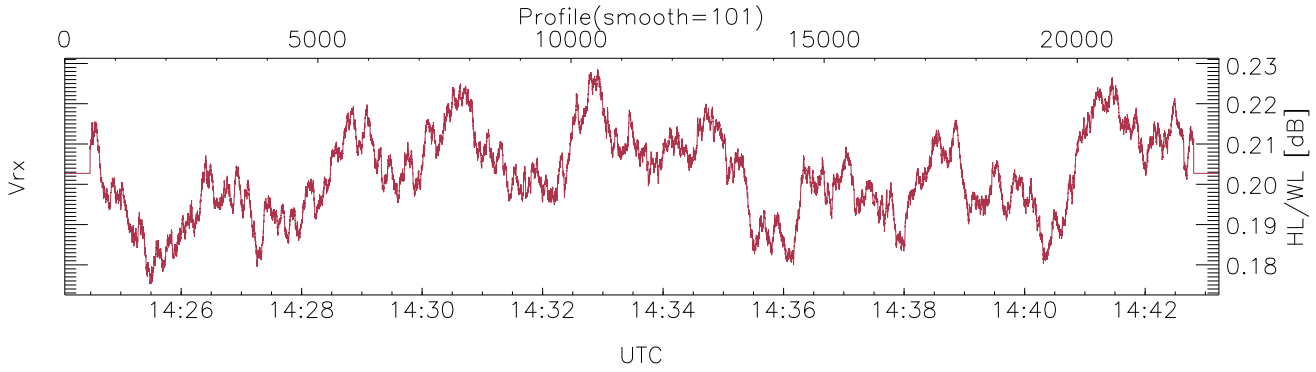
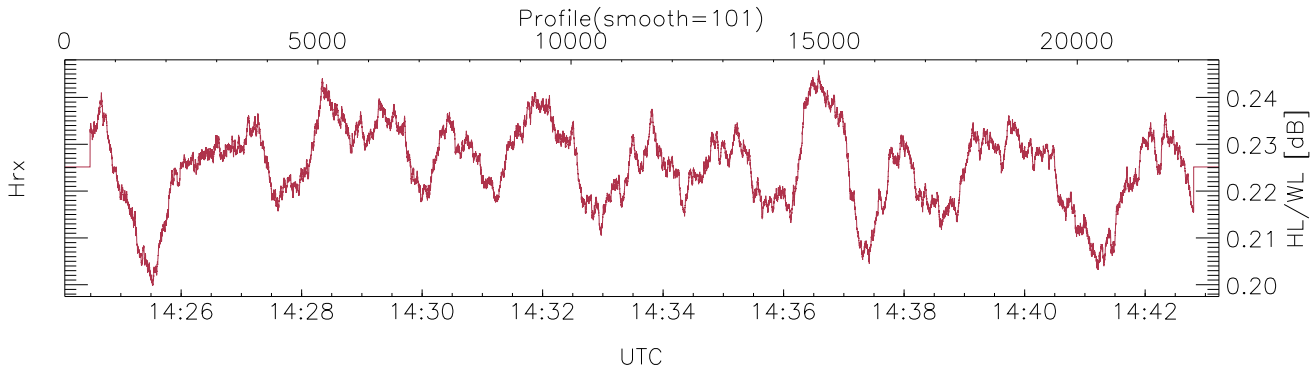


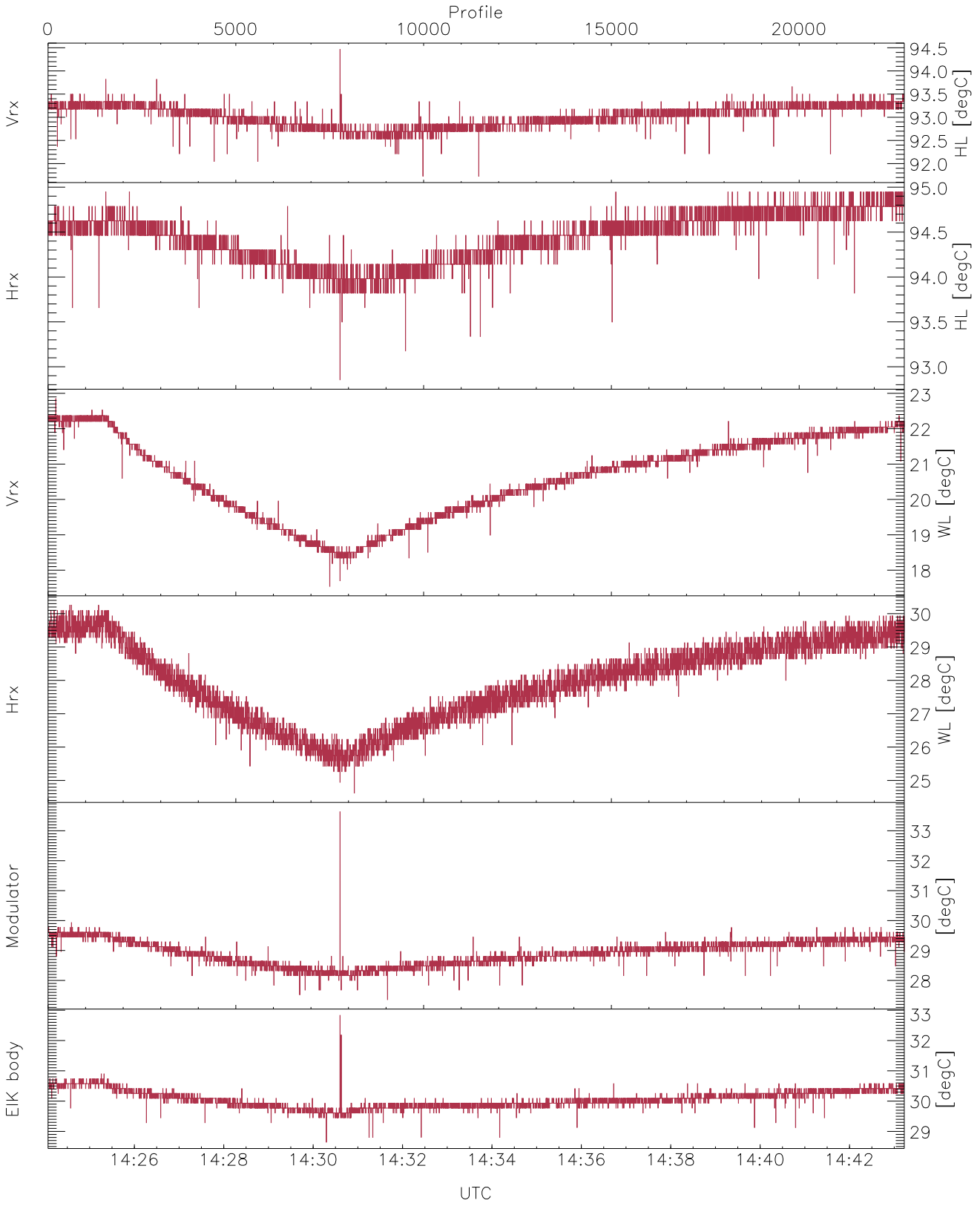






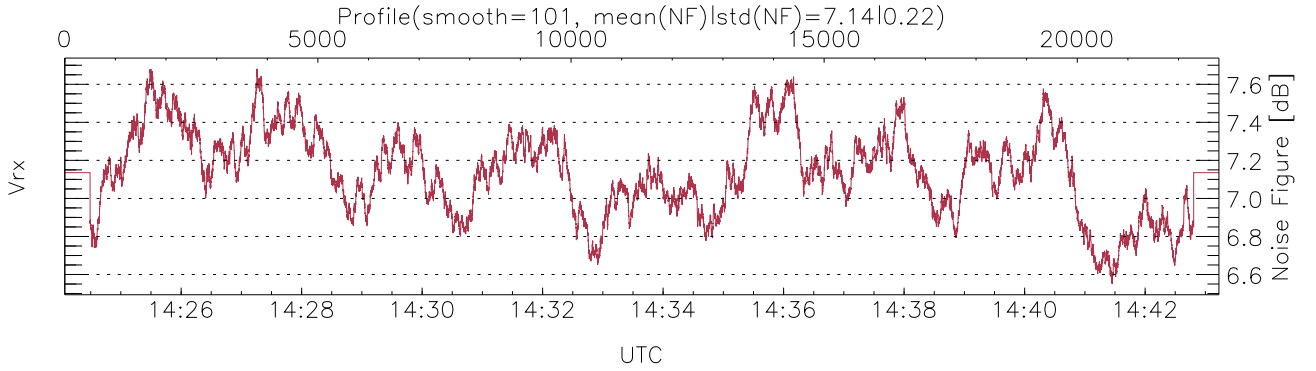
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

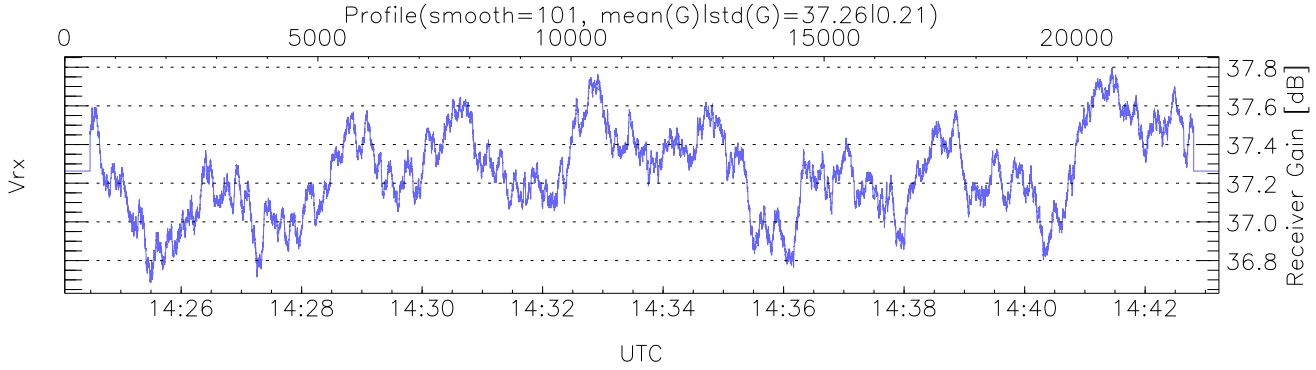
UTC: 14:24:04-14:50:51, Dur: 1607.10s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/31880, 0-22799/14:24:04-14:43:14
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

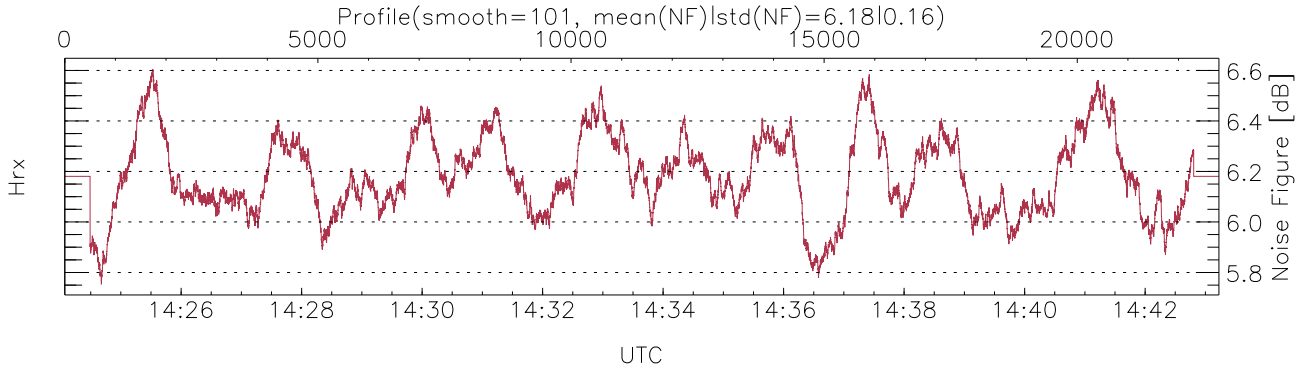


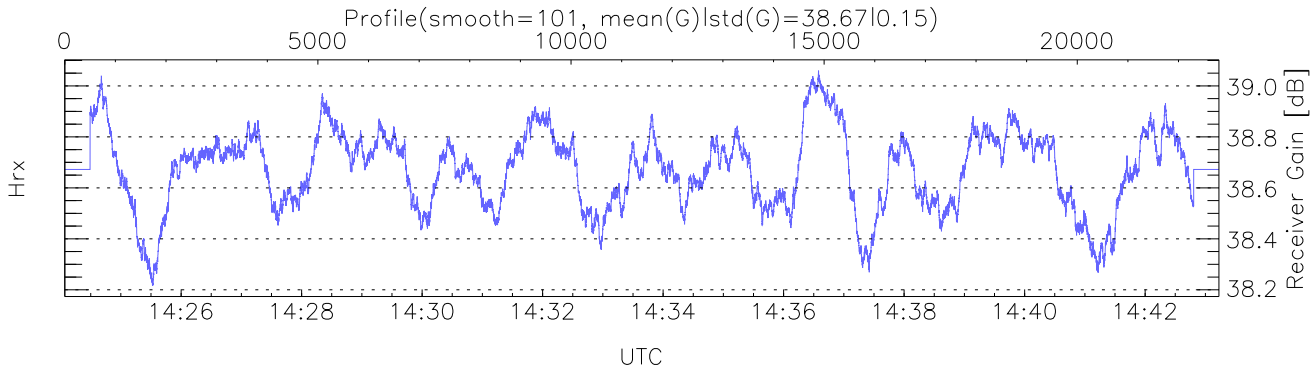
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,94,22,30,33,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (17,22,22,22,11)



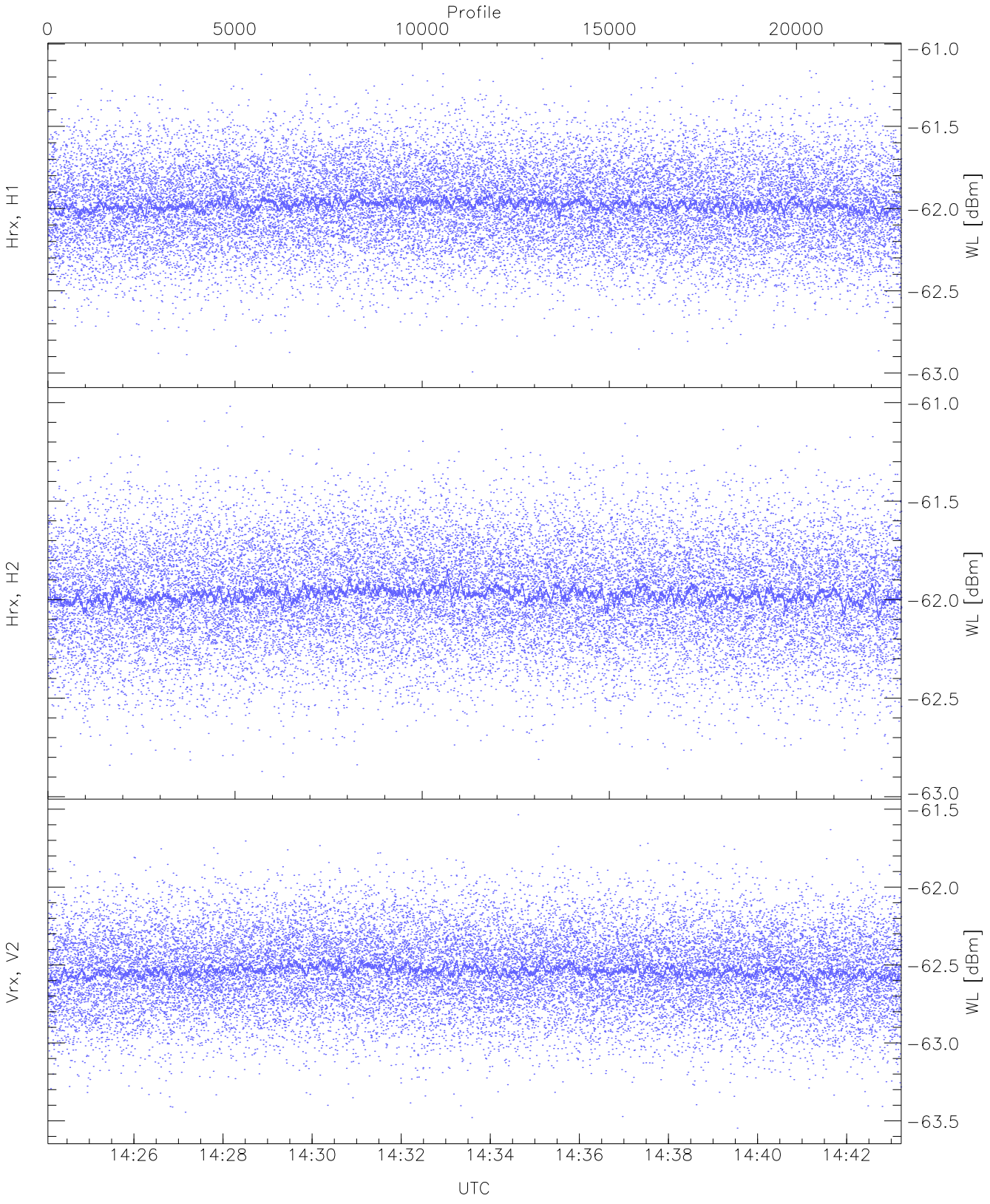






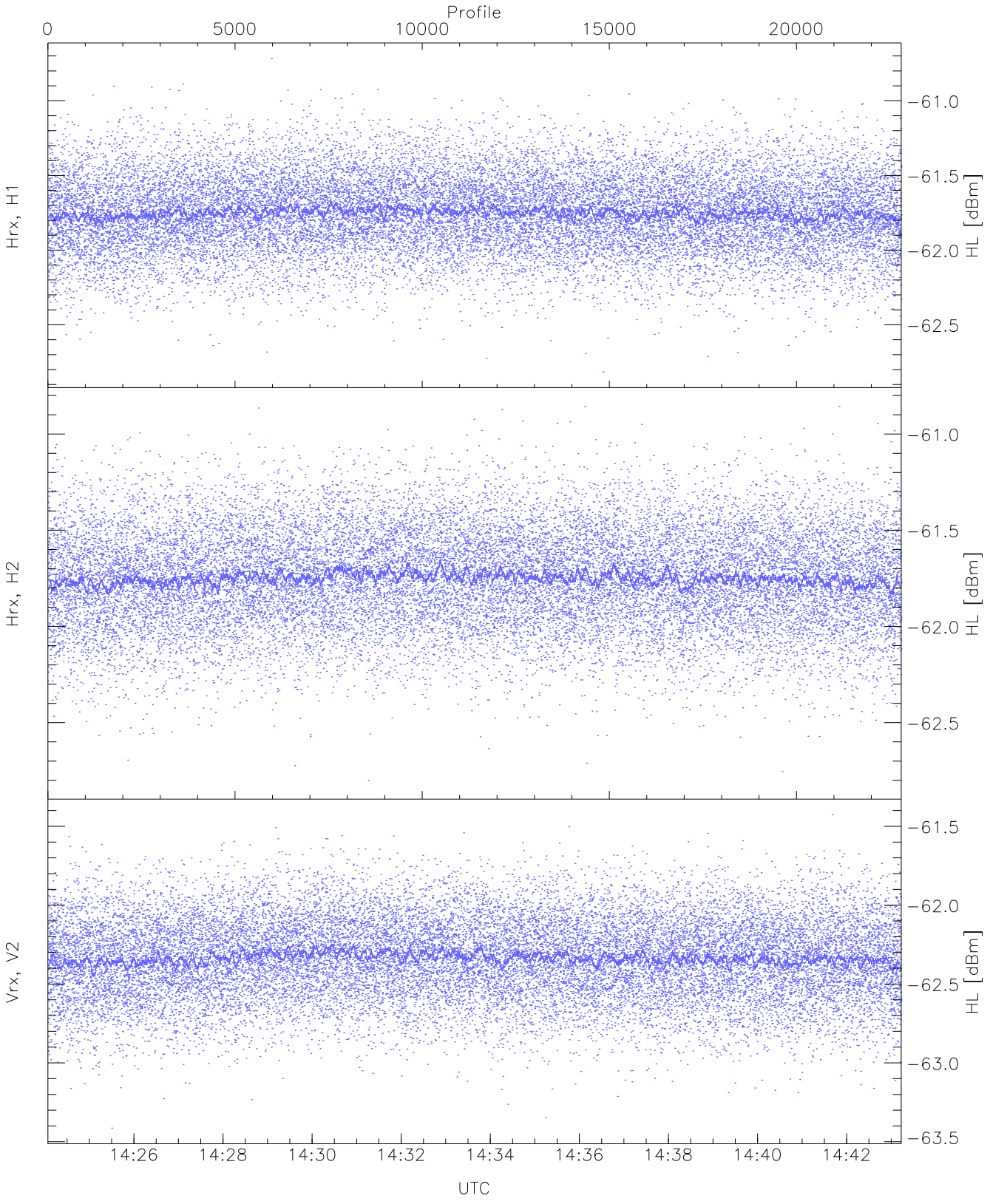
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2489 pixs, 19 gates, 2484 profs, 1 prods



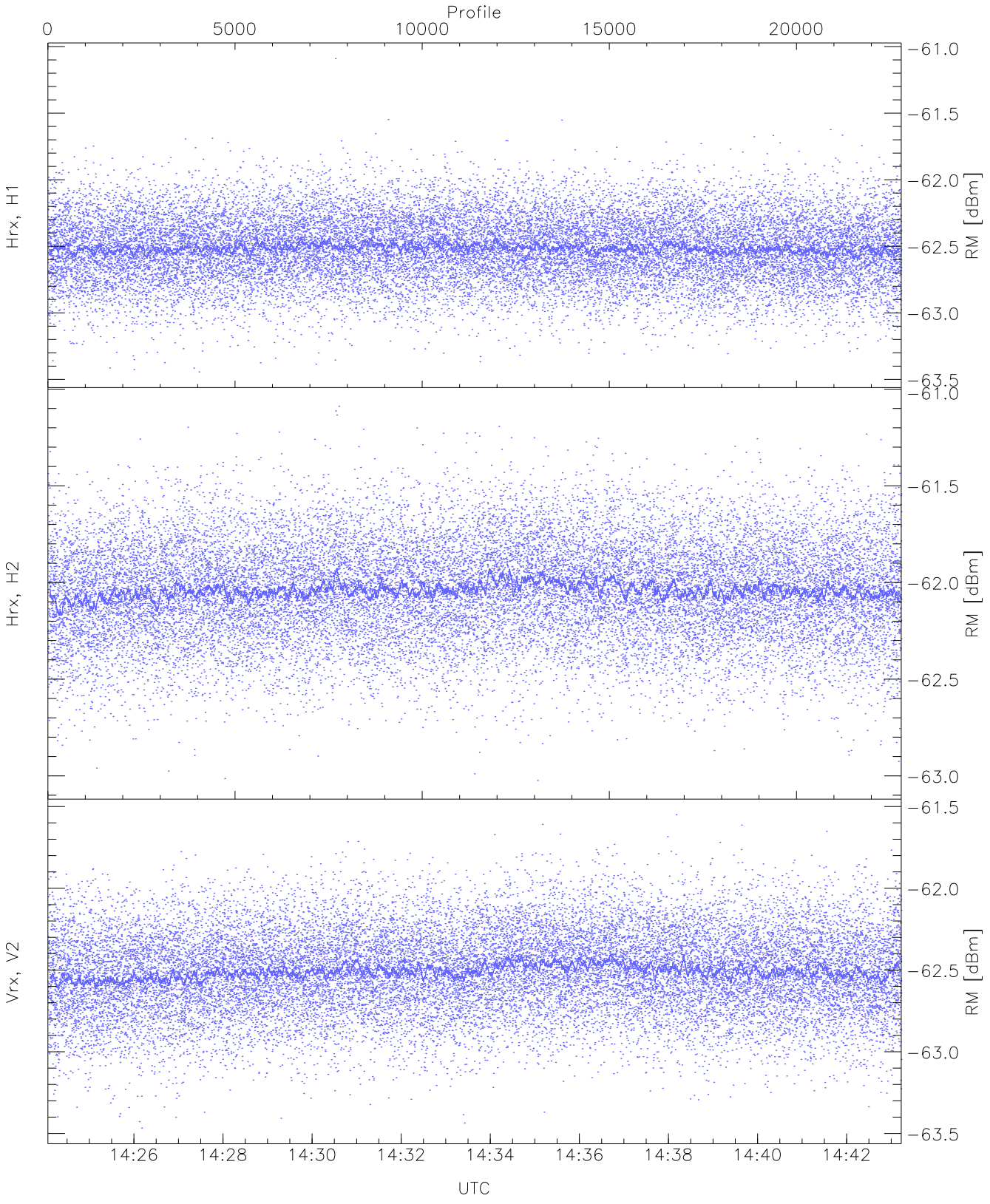
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.99	-61.09	-61.97	-61.98	-74.58
Hrx, H2(WL [dBm])	-62.92	-61.02	-61.97	-61.98	-74.51
Vrx, V2(WL [dBm])	-63.55	-61.54	-62.53	-62.54	-75.10



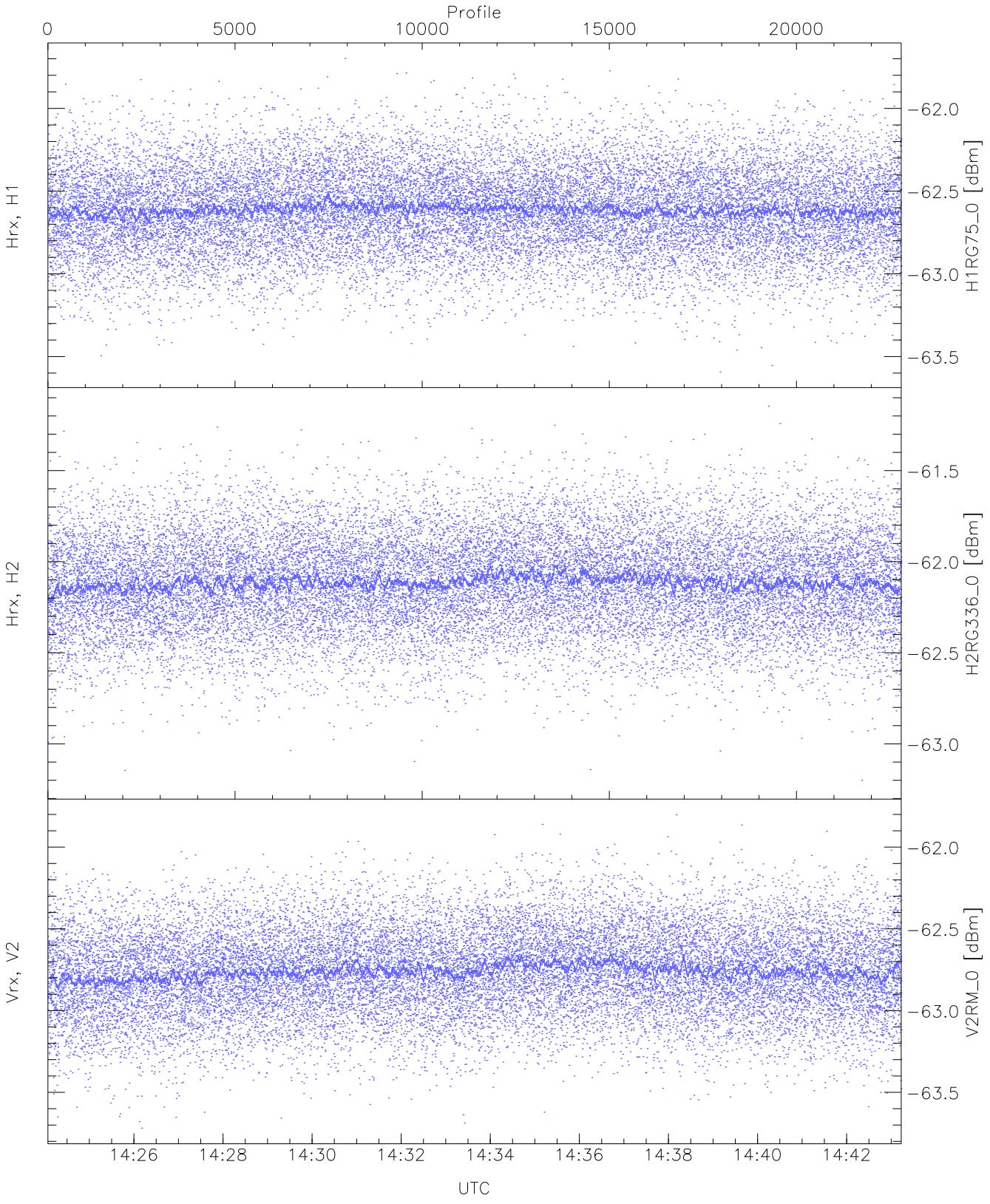
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.82	-60.72	-61.75	-61.75	-74.29
Hrx, H2(HL [dBm])	-62.80	-60.86	-61.75	-61.75	-74.31
Vrx, V2(HL [dBm])	-63.41	-61.43	-62.33	-62.34	-74.85



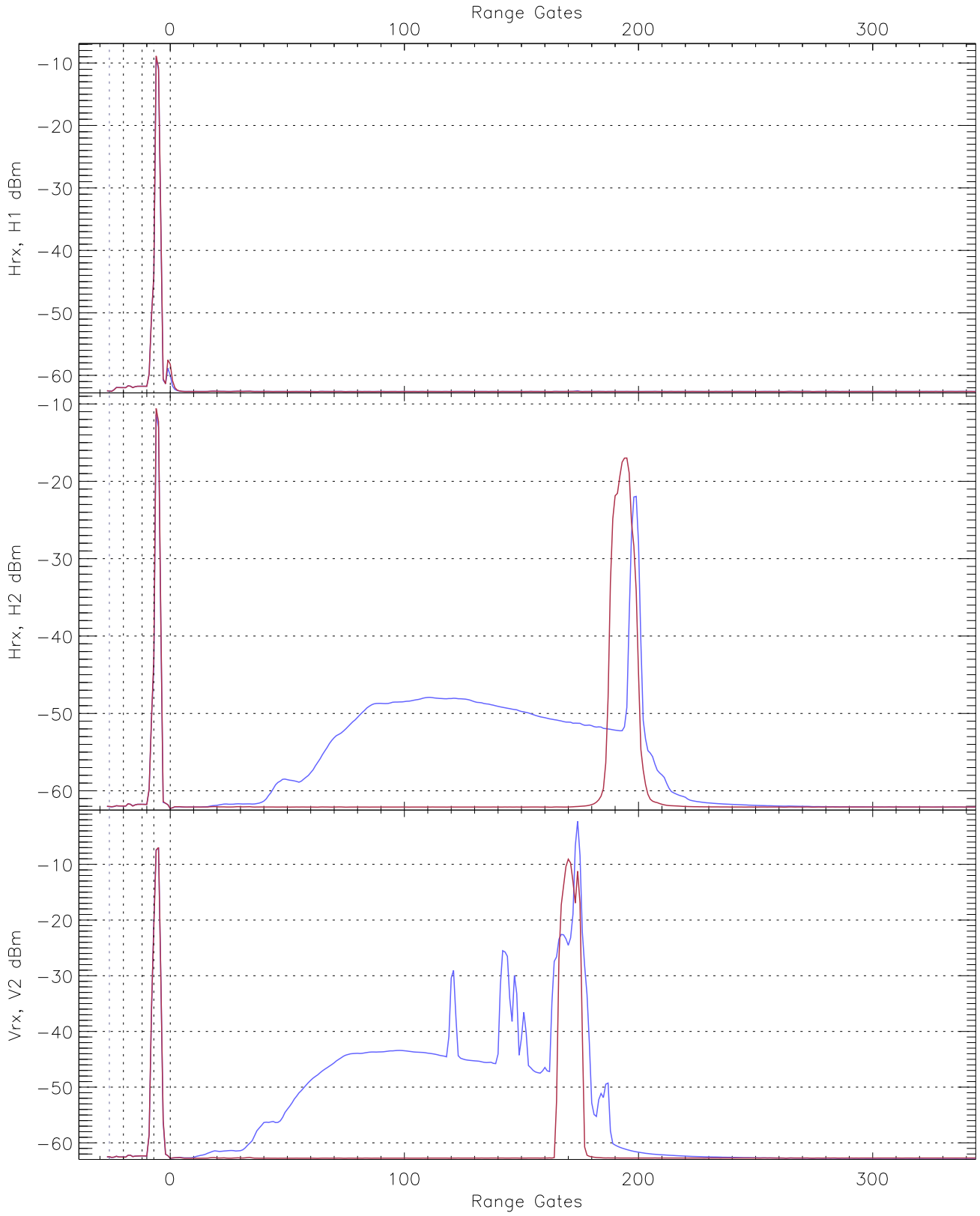
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.44	-61.09	-62.51	-62.52	-75.07
Hrx, H2(RM [dBm])	-63.02	-61.09	-62.04	-62.04	-74.58
Vrx, V2(RM [dBm])	-63.47	-61.55	-62.51	-62.51	-75.01

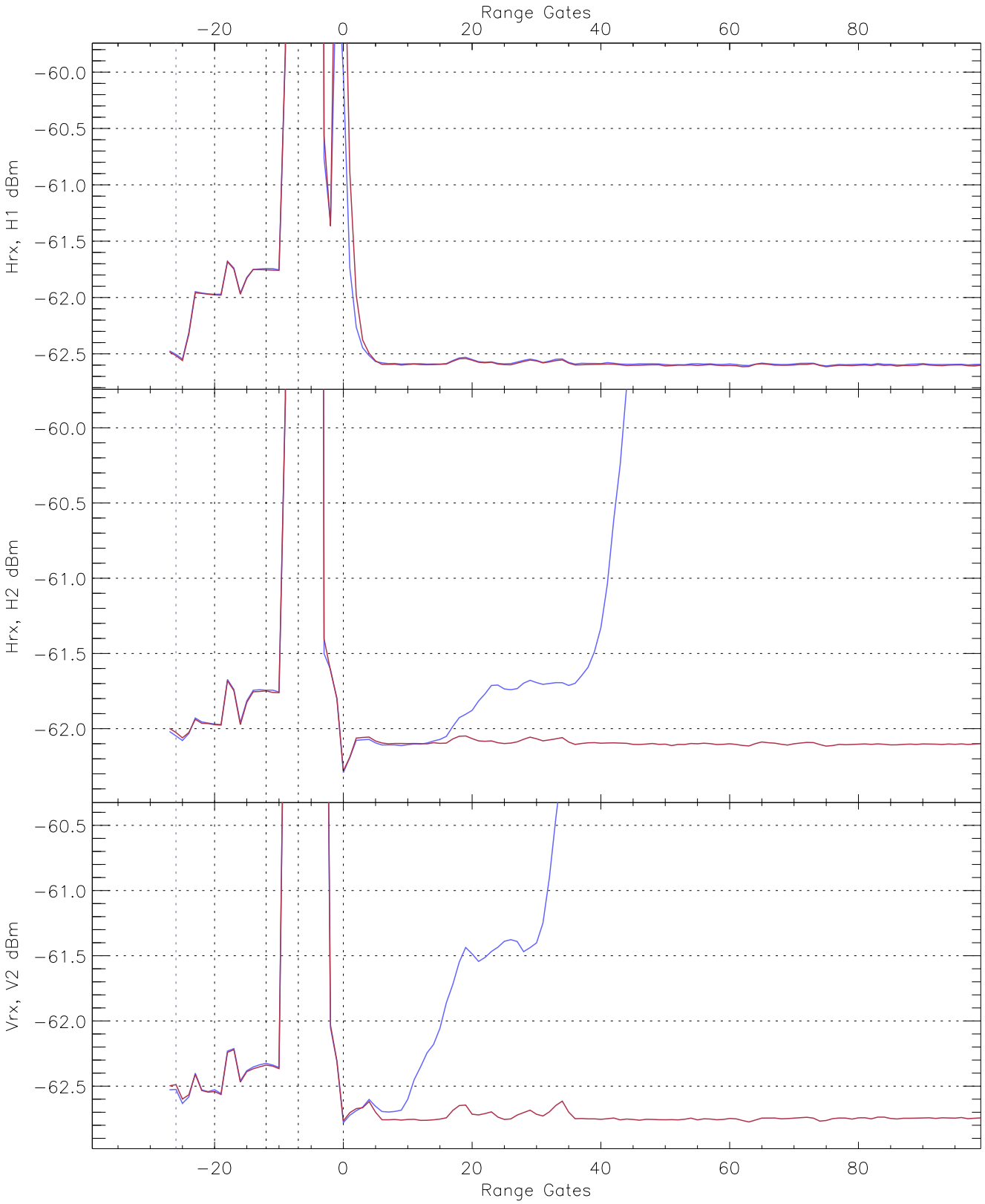


WCR2 CPP "Best" estimate Receivers Noise Power

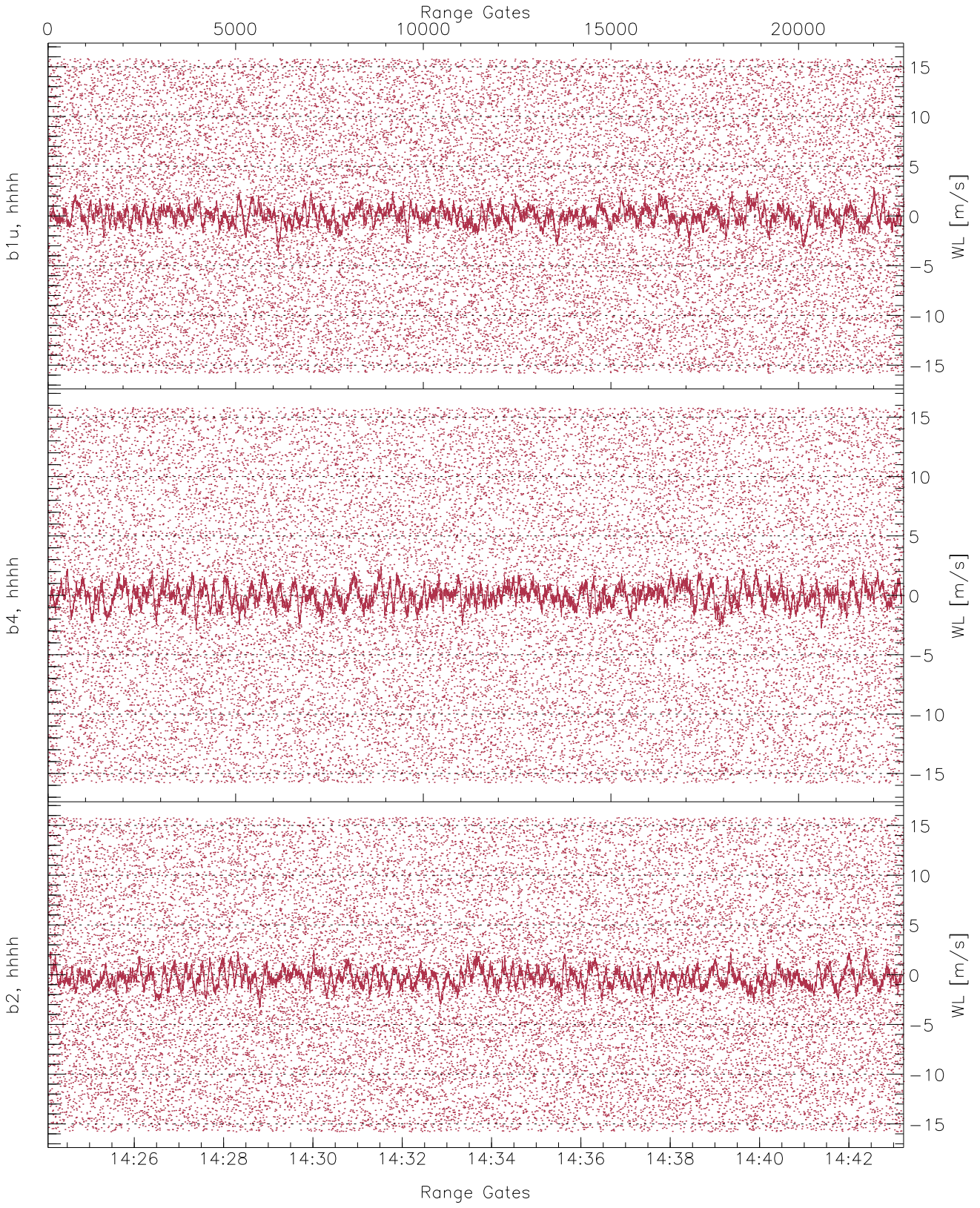
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.59	-61.70	-62.61	-62.61	-75.20
H2RG336_0 [dBm]	-63.20	-61.15	-62.11	-62.12	-74.67
V2RM_0 [dBm]	-63.72	-61.80	-62.76	-62.76	-75.26



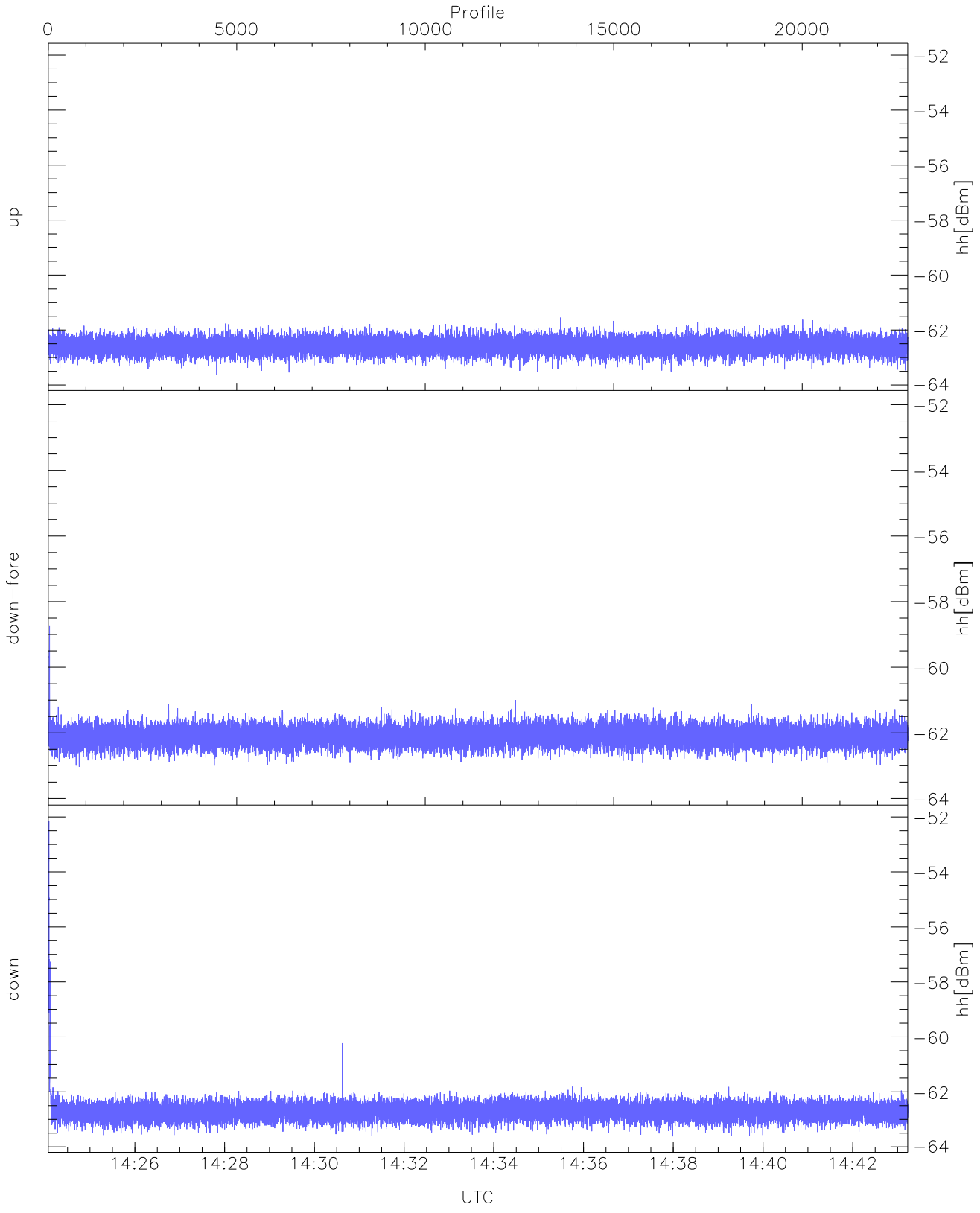
WCR2 CPP Averaged Received power for all recorded gates
blue: 142404-143339, 11401 profiles averaged
red: 143339-144314, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 142404-143339, 11401 profiles averaged
red: 143339-144314, 11400 profiles averaged

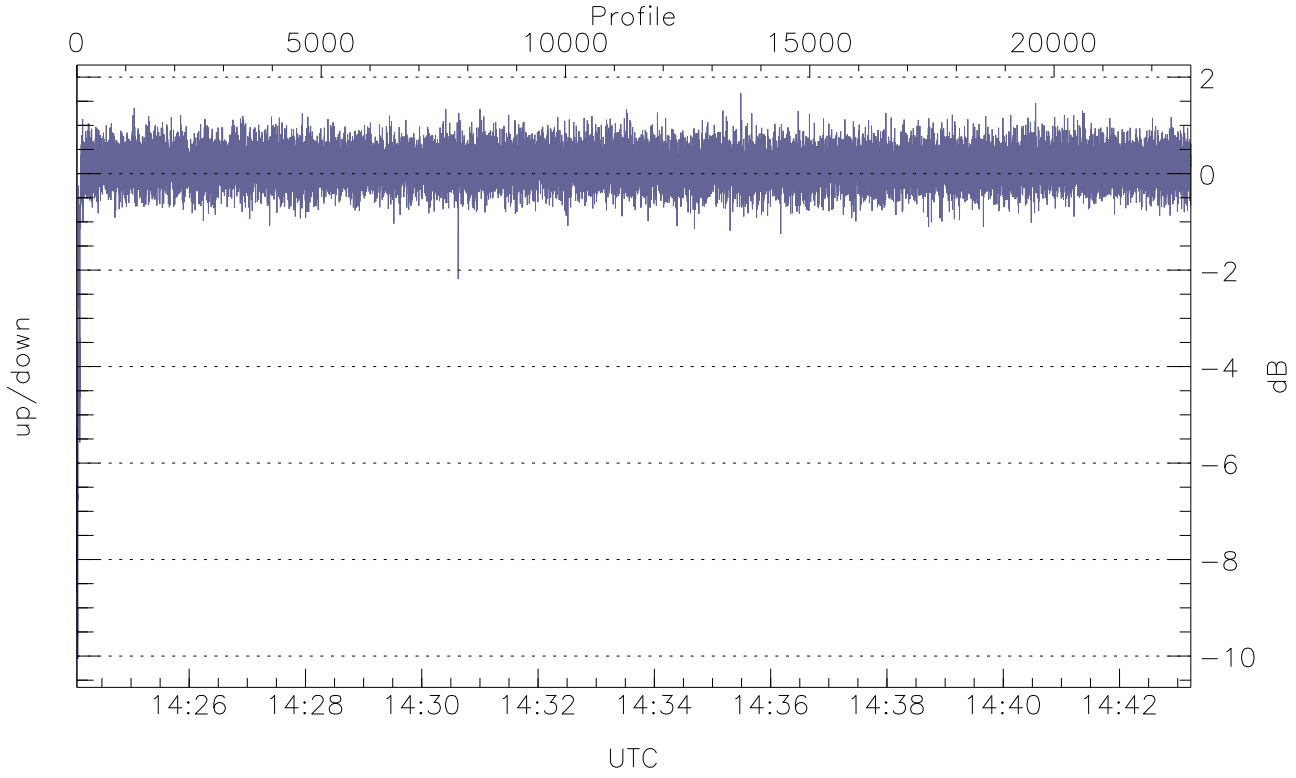


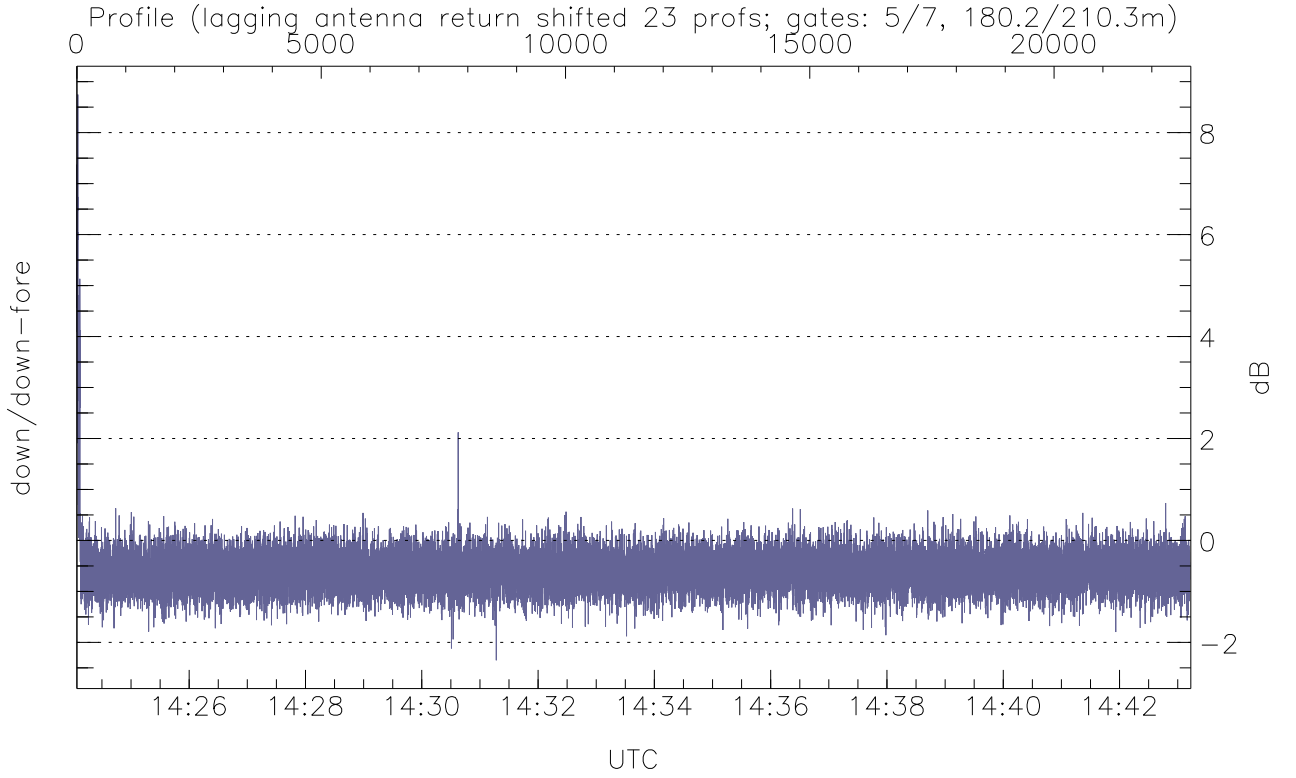
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

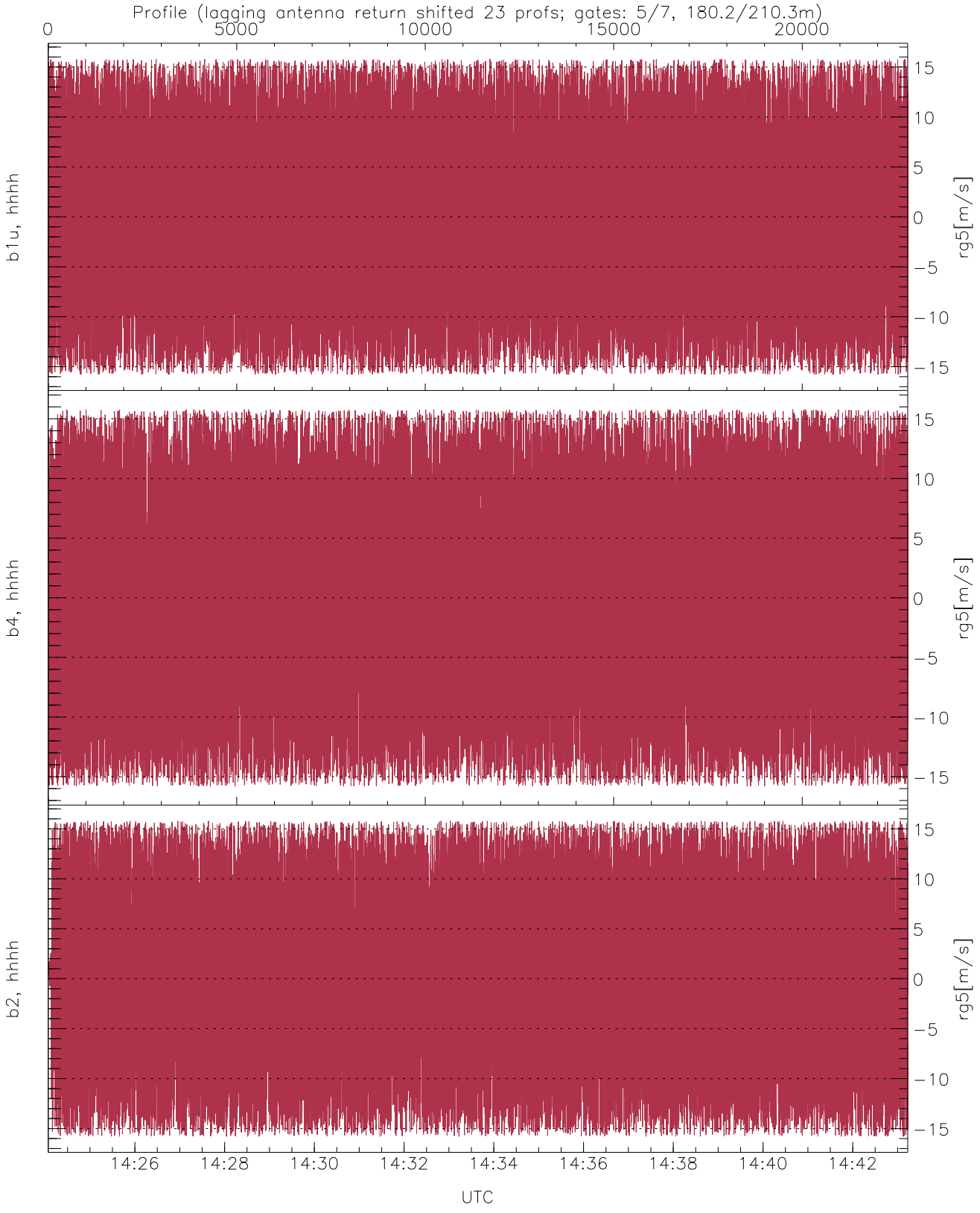
	Min	Max	Mean
up(hh[dBm])	-63.62	-61.55	-62.57
down-fore(hh[dBm])	-63.03	-58.75	-62.09
down(hh[dBm])	-63.62	-52.14	-62.68





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

	Min	Max	Mean
up/down(dB)	-10.06	1.66	0.13
down/down-fore(dB)	-2.35	8.75	-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	-0.11	8.89
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.19	9.01
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.37	9.06