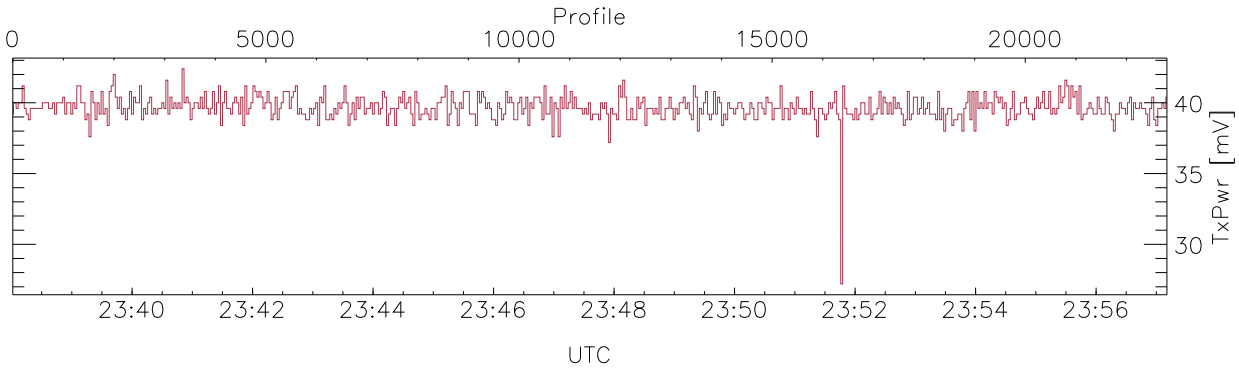
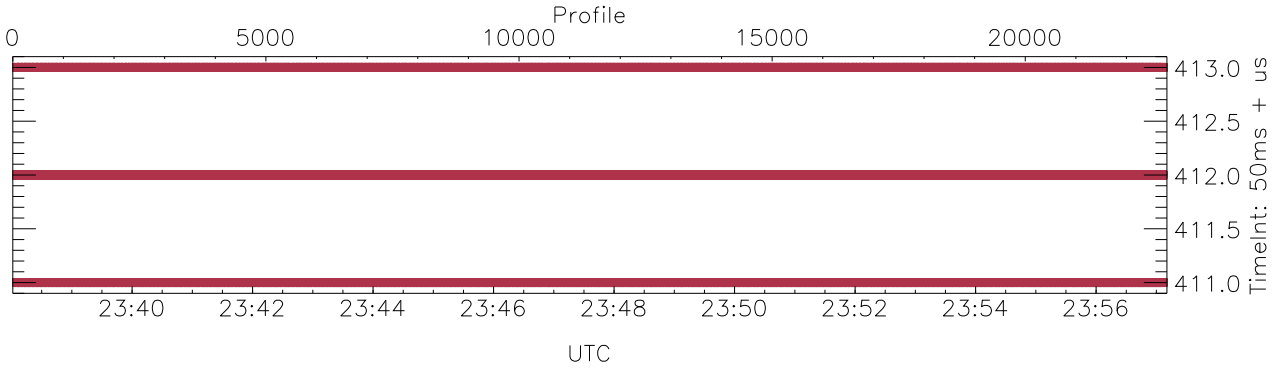
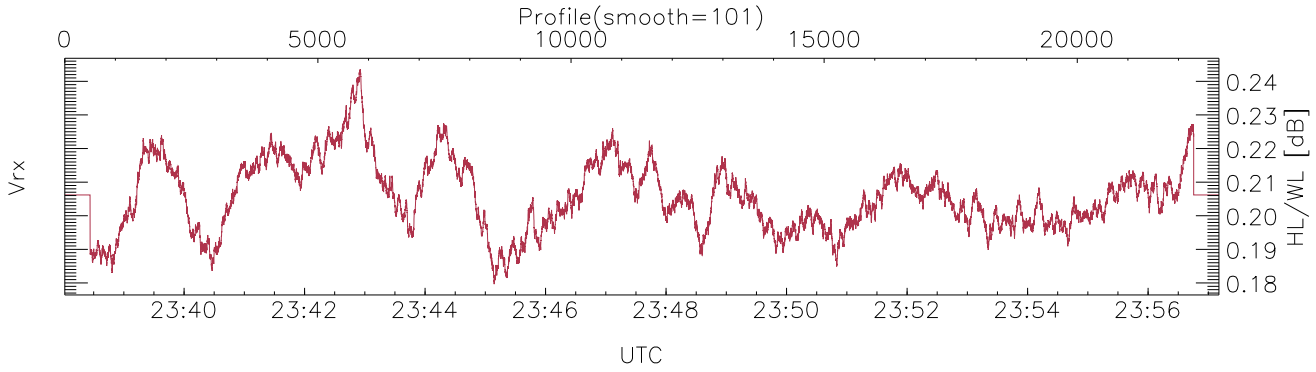
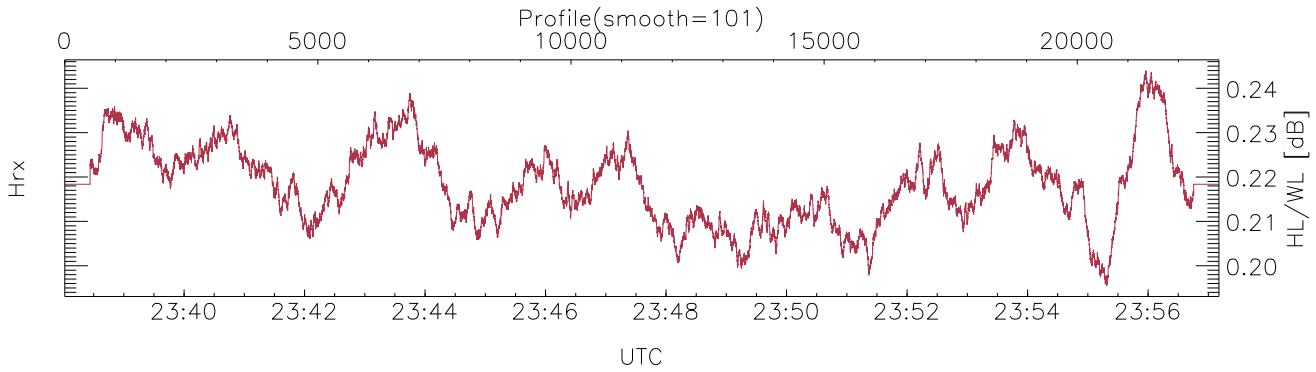


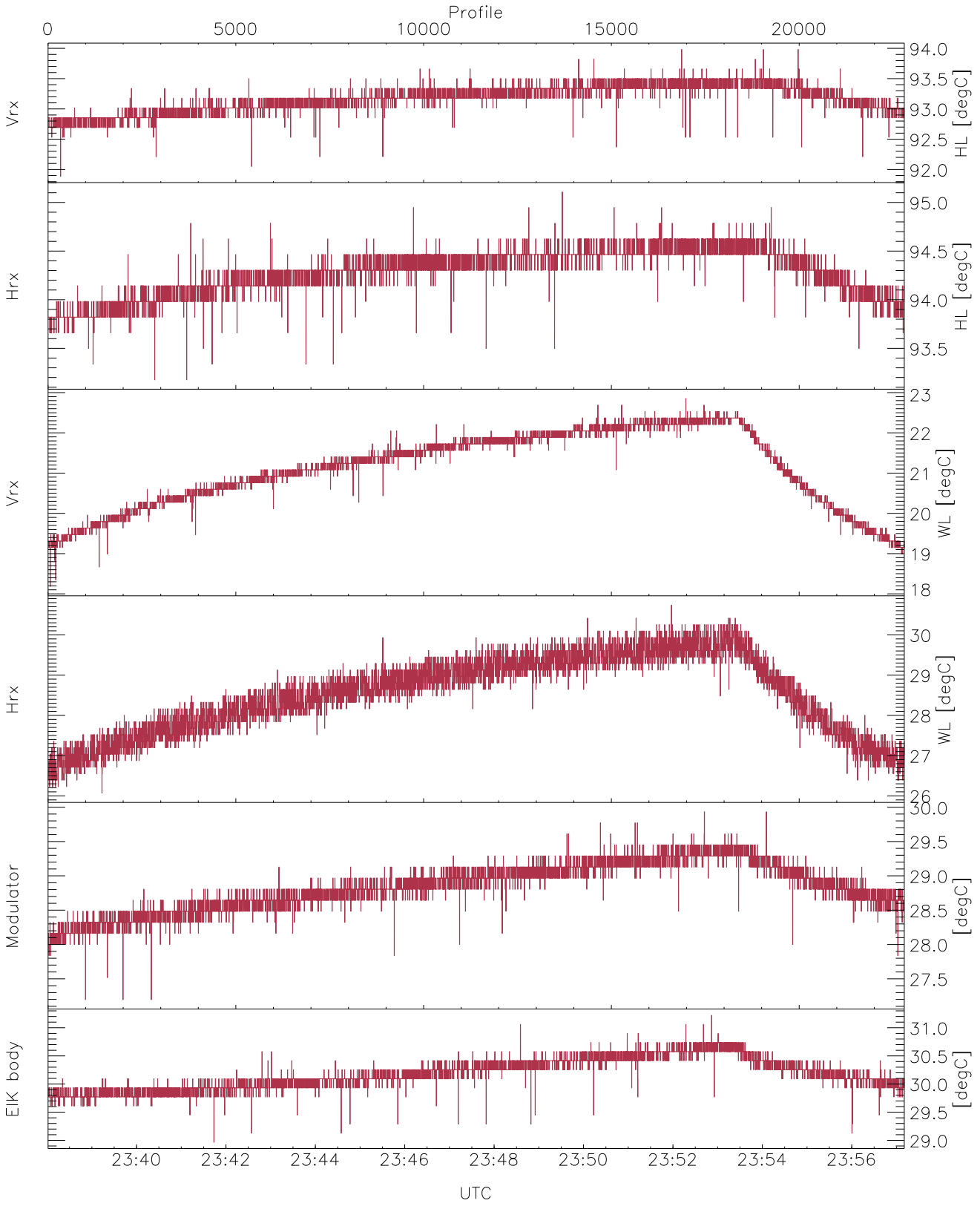






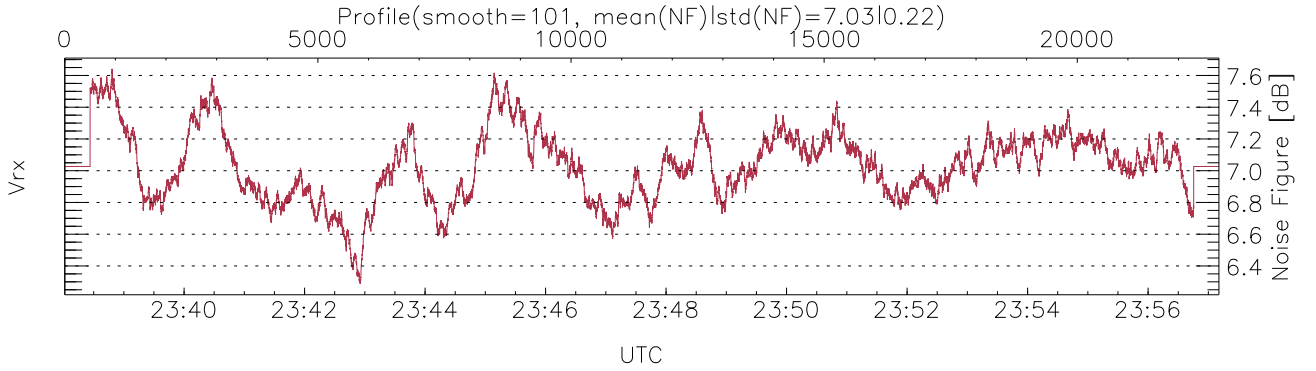
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

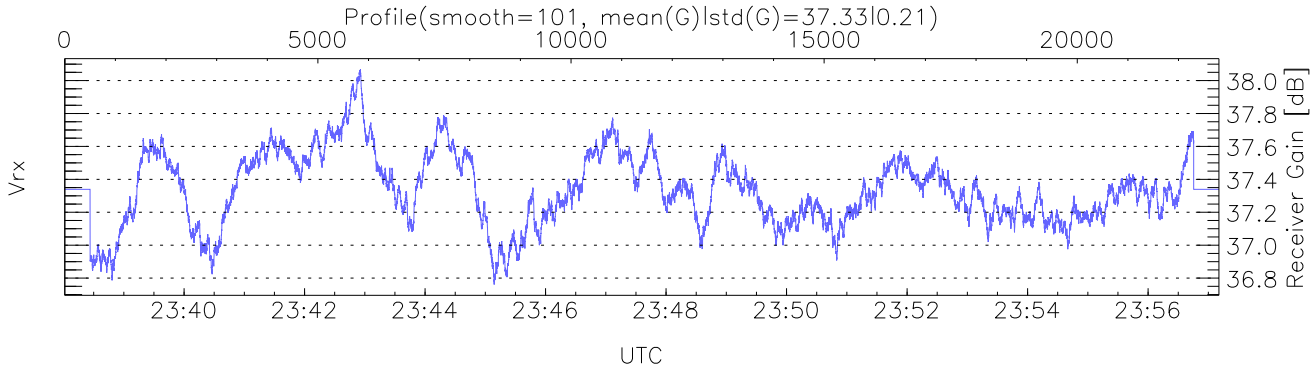
UTC: 23:38:01-00:08:42, Dur: 1840.51s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/36510, 0-22799/23:38:01-23:57:11
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

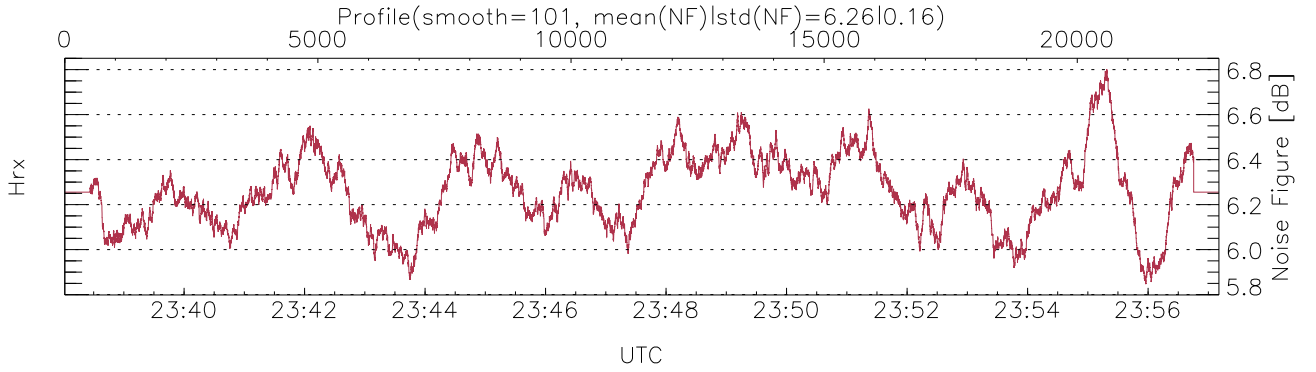


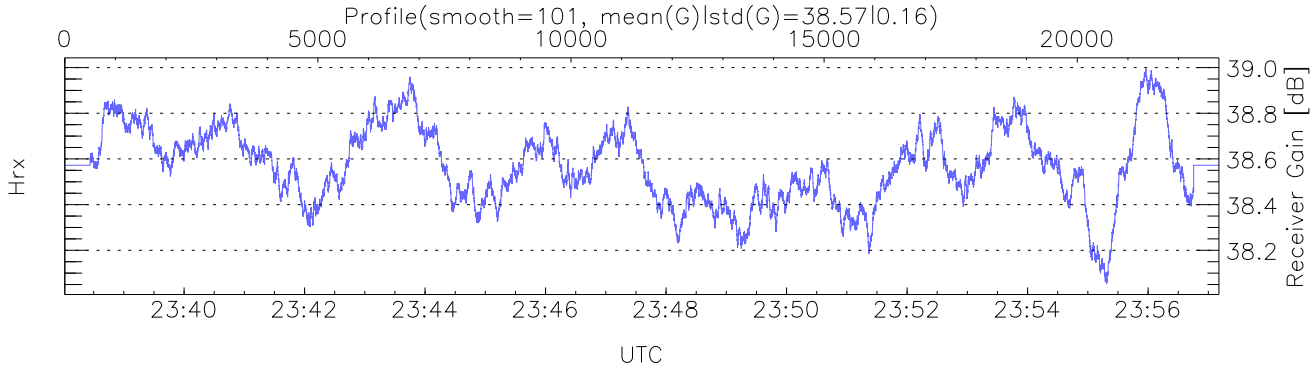
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,26,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,29,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,25,25,20,5)



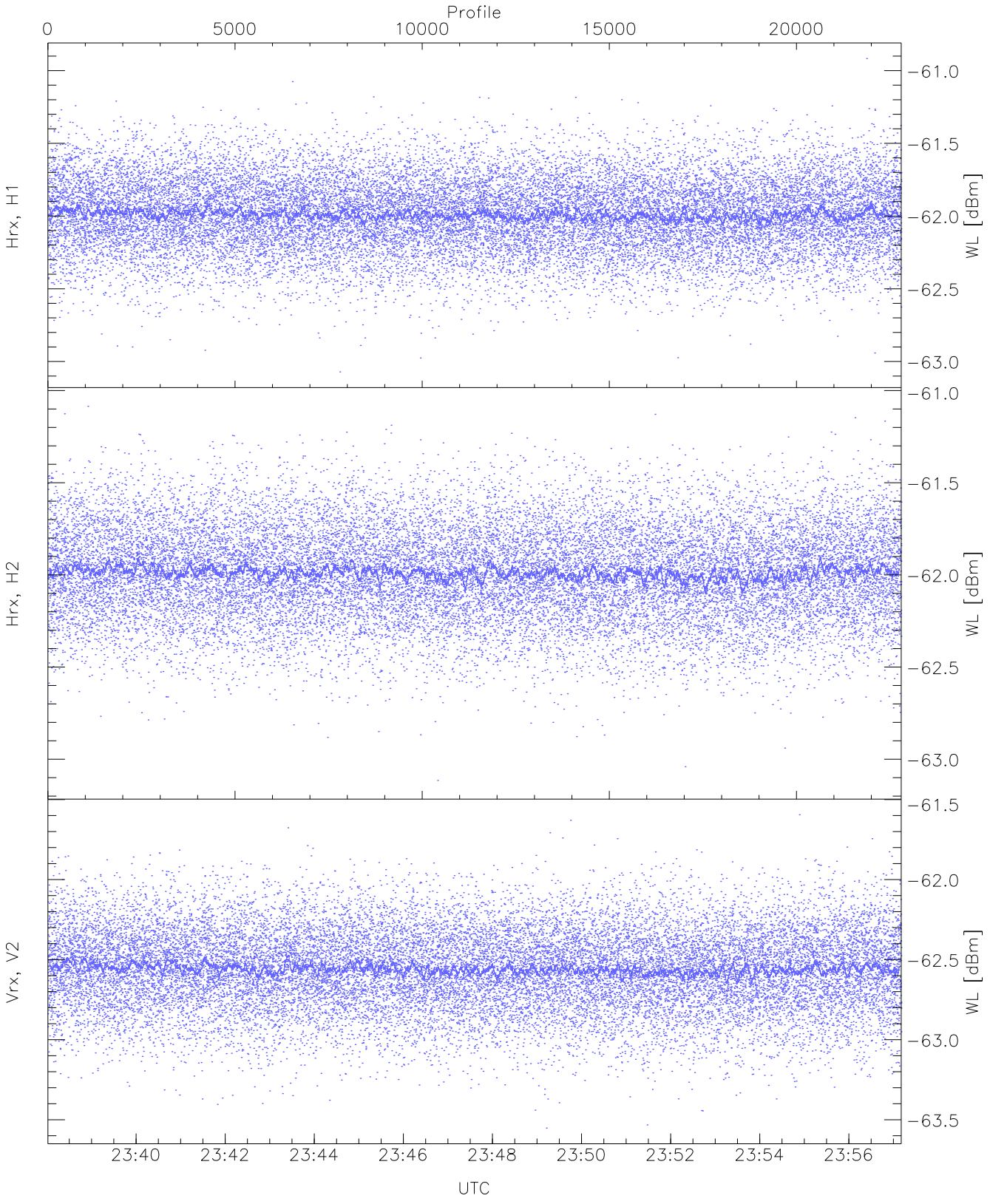






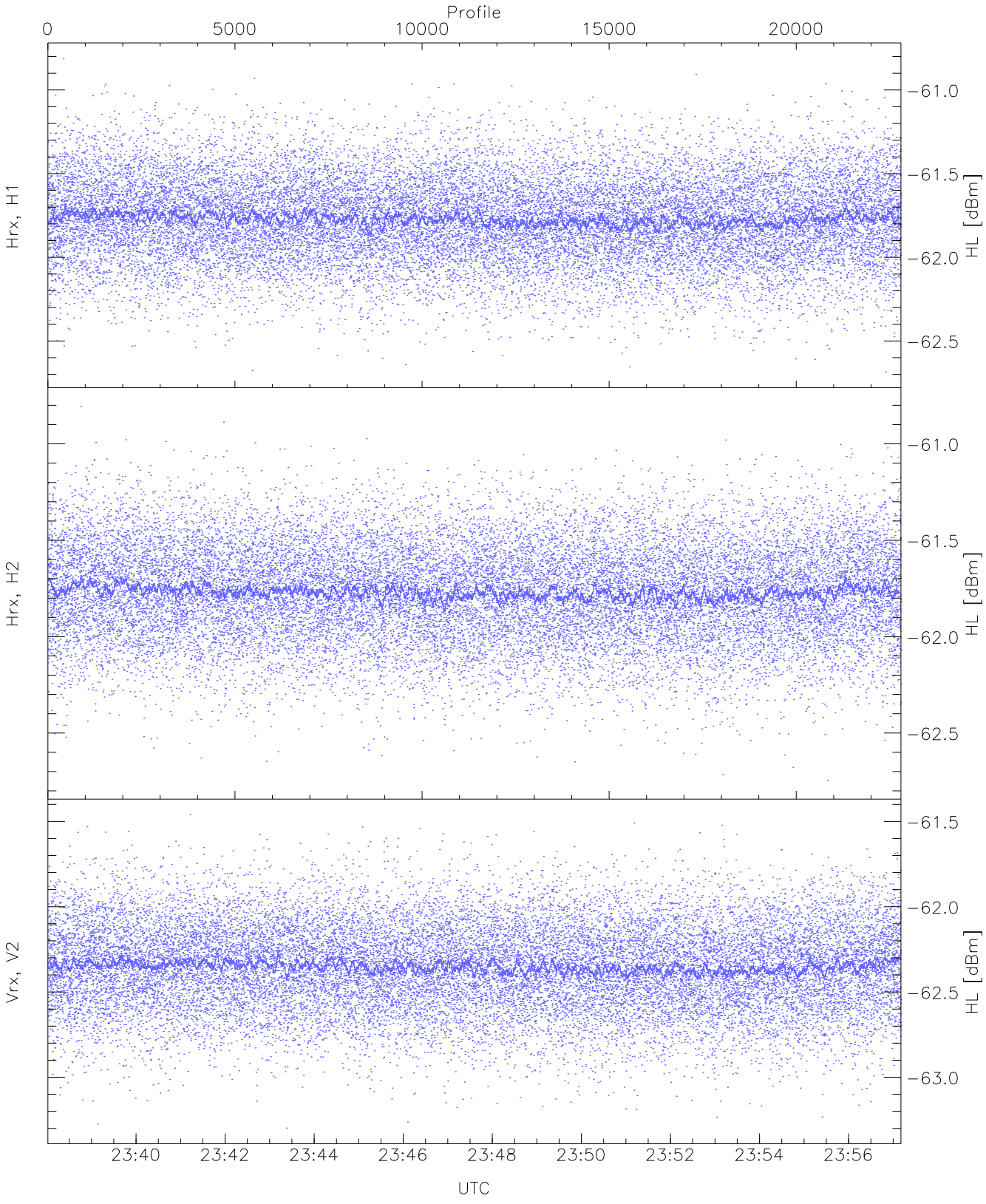
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 18761 pixs, 6 gates, 18620 profs, 1 prods



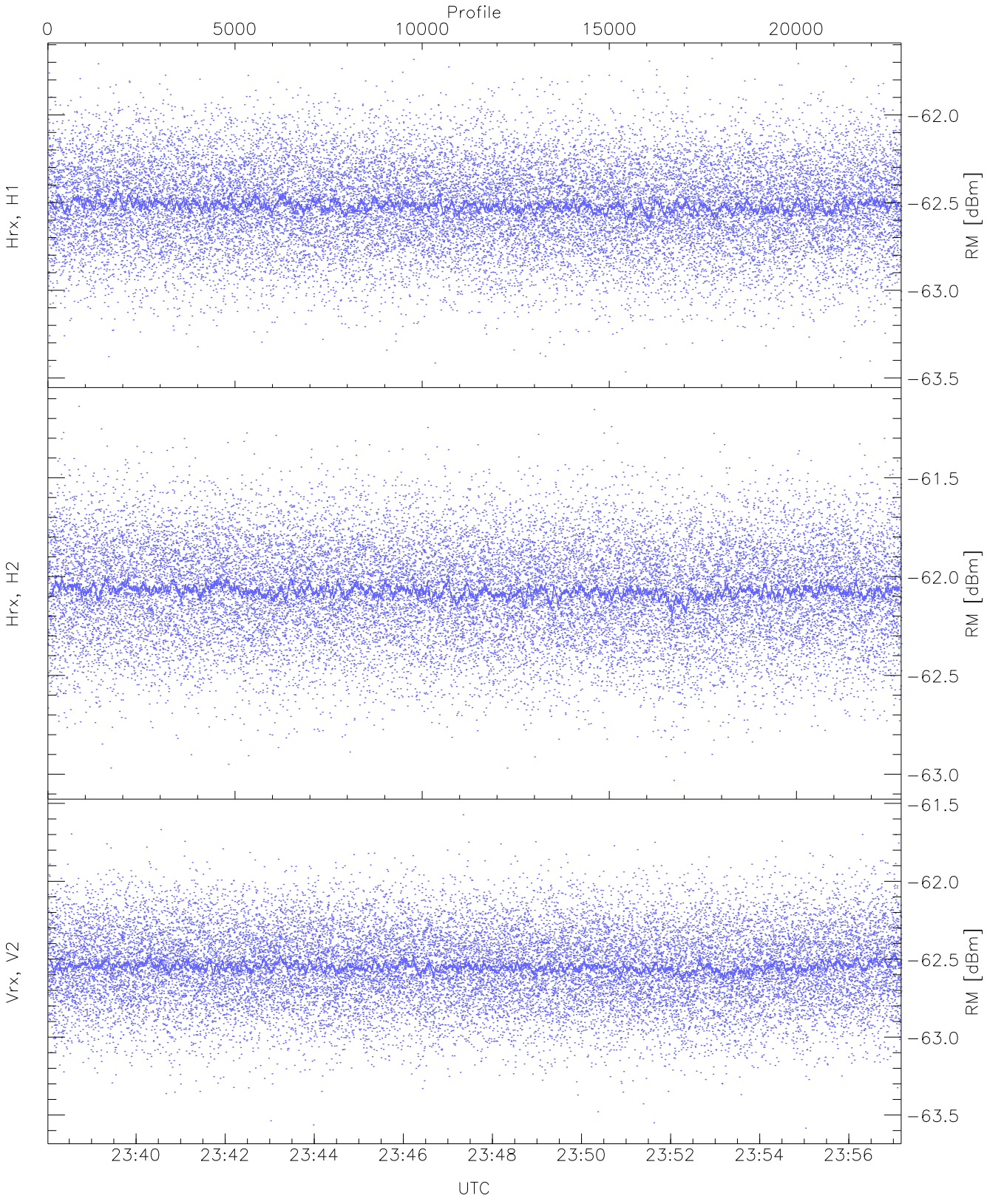
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.07	-60.92	-61.99	-61.99	-74.57
Hrx, H2(WL [dBm])	-63.11	-61.09	-61.99	-61.99	-74.57
Vrx, V2(WL [dBm])	-63.55	-61.60	-62.56	-62.56	-75.16



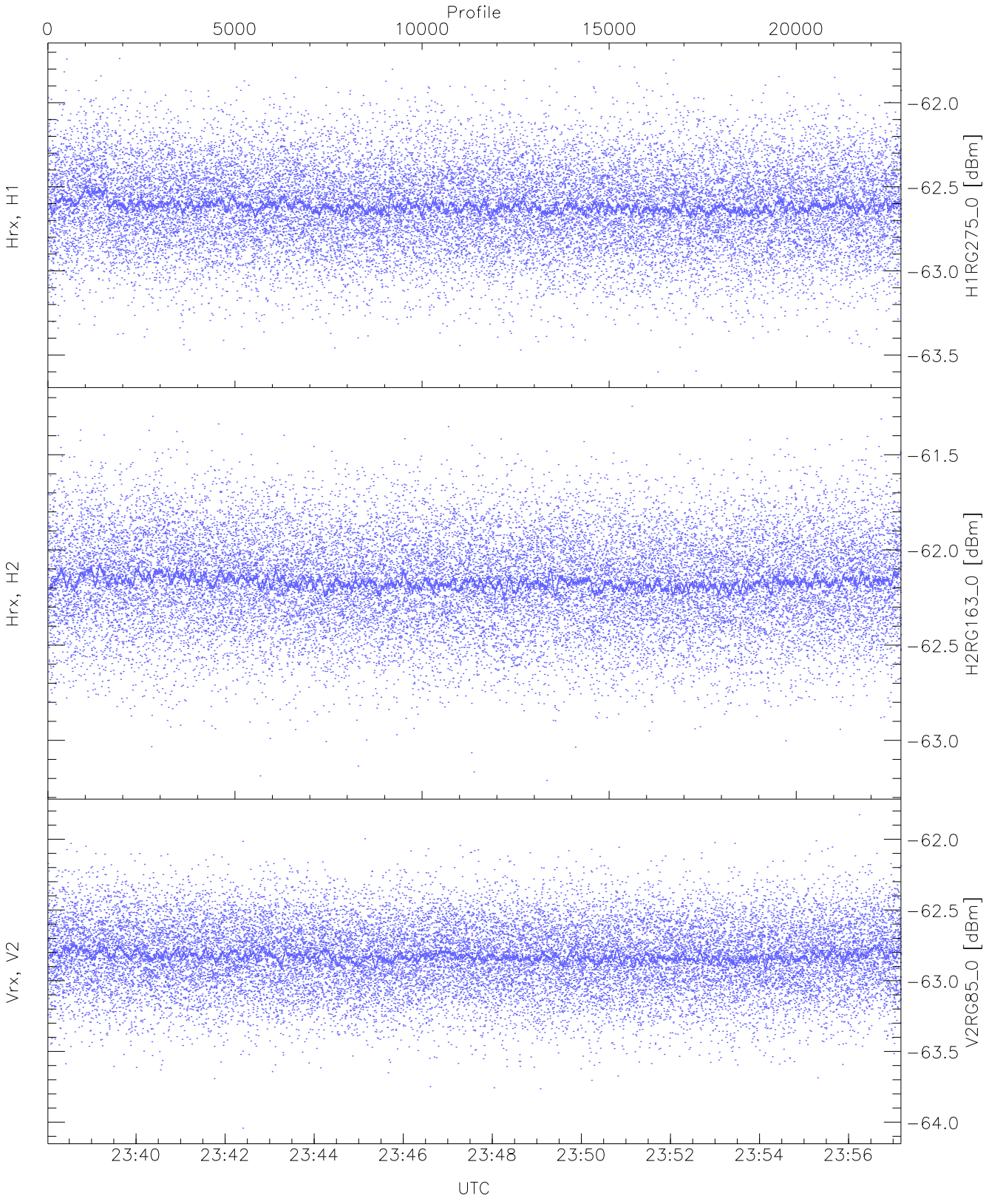
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.68	-60.81	-61.77	-61.77	-74.35
Hrx, H2(HL [dBm])	-62.75	-60.81	-61.77	-61.77	-74.37
Vrx, V2(HL [dBm])	-63.30	-61.46	-62.35	-62.35	-74.91



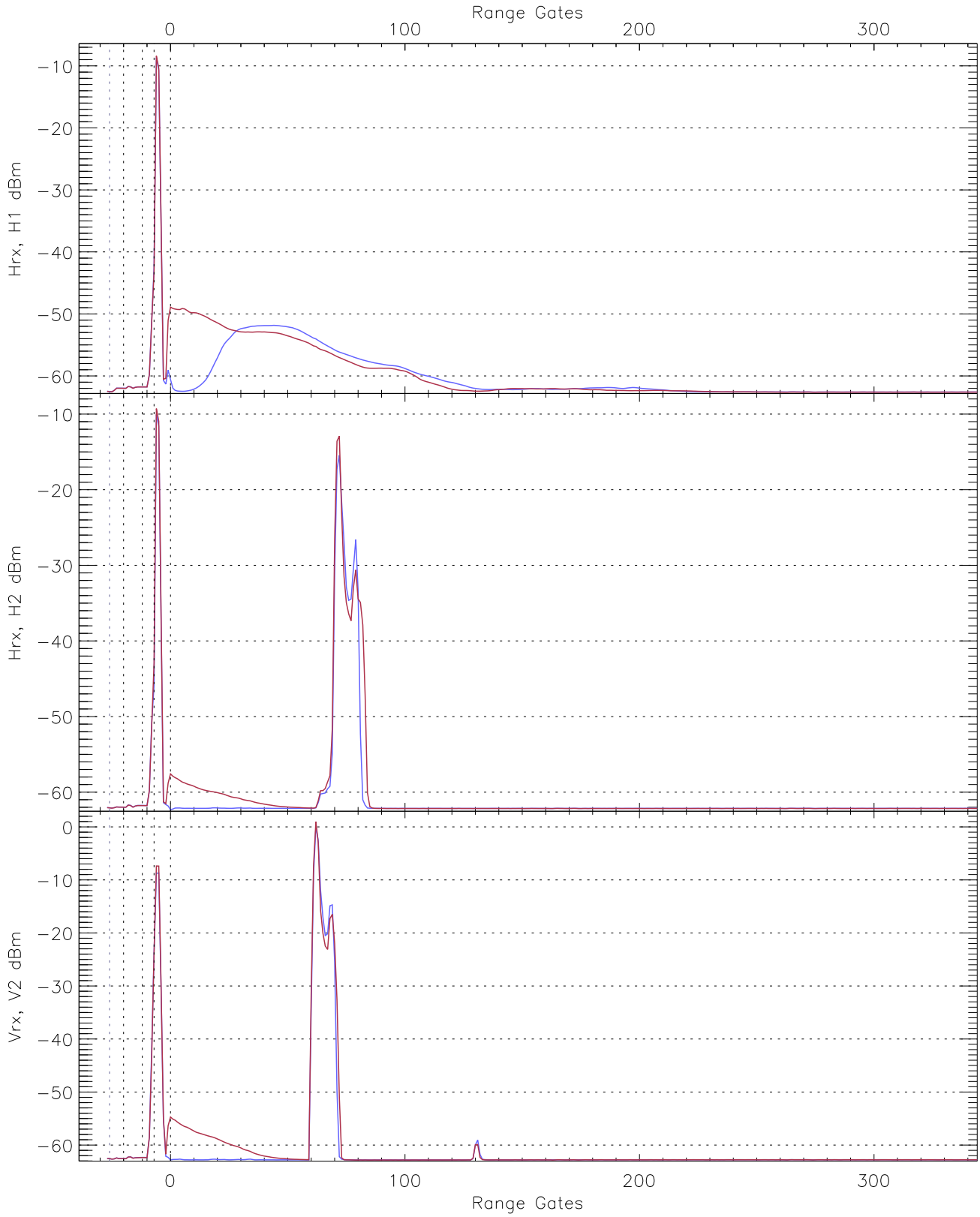
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.47	-61.68	-62.51	-62.52	-75.11
Hrx, H2(RM [dBm])	-63.03	-61.14	-62.07	-62.07	-74.65
Vrx, V2(RM [dBm])	-63.58	-61.57	-62.54	-62.55	-75.08

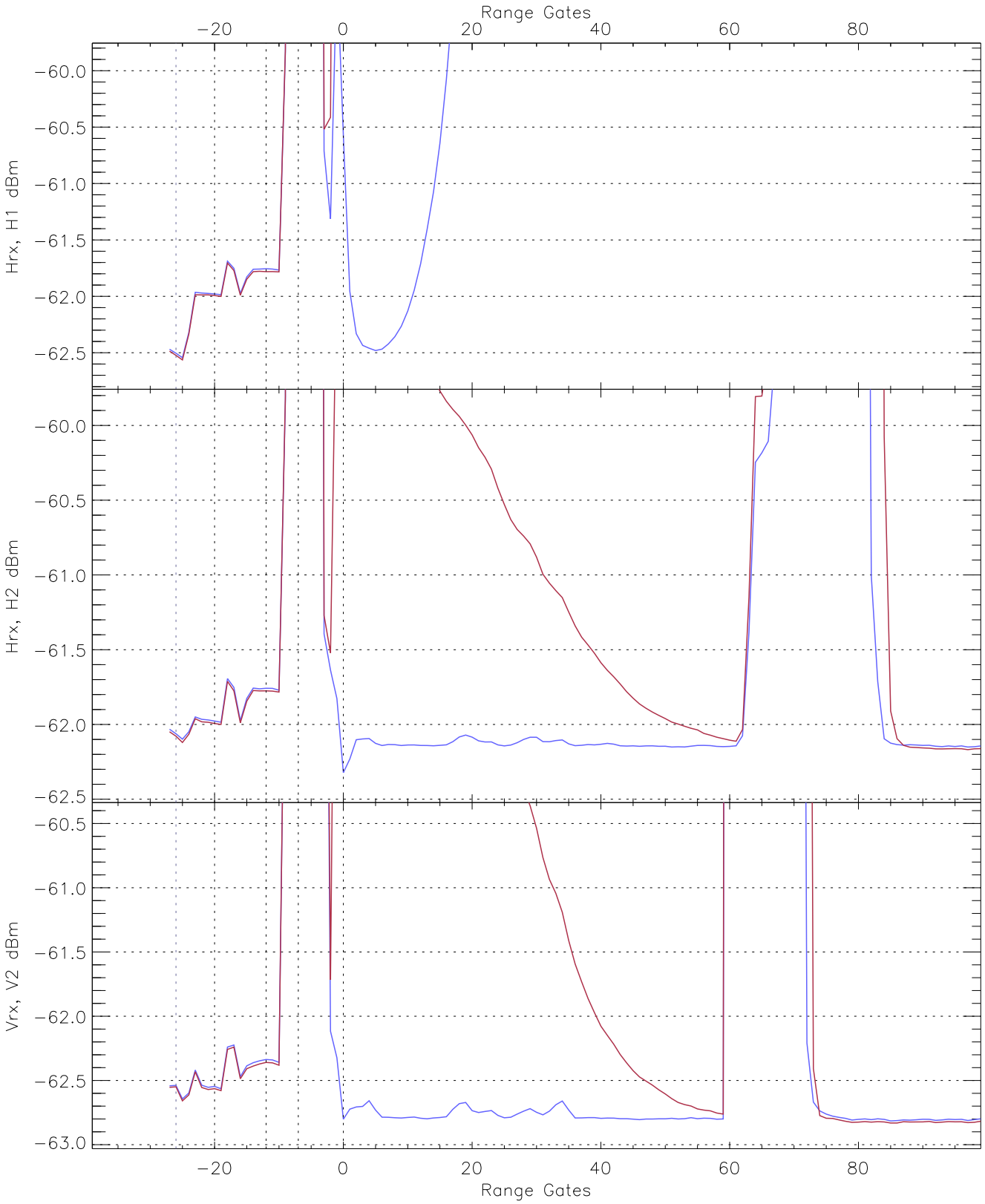


WCR2 CPP "Best" estimate Receivers Noise Power

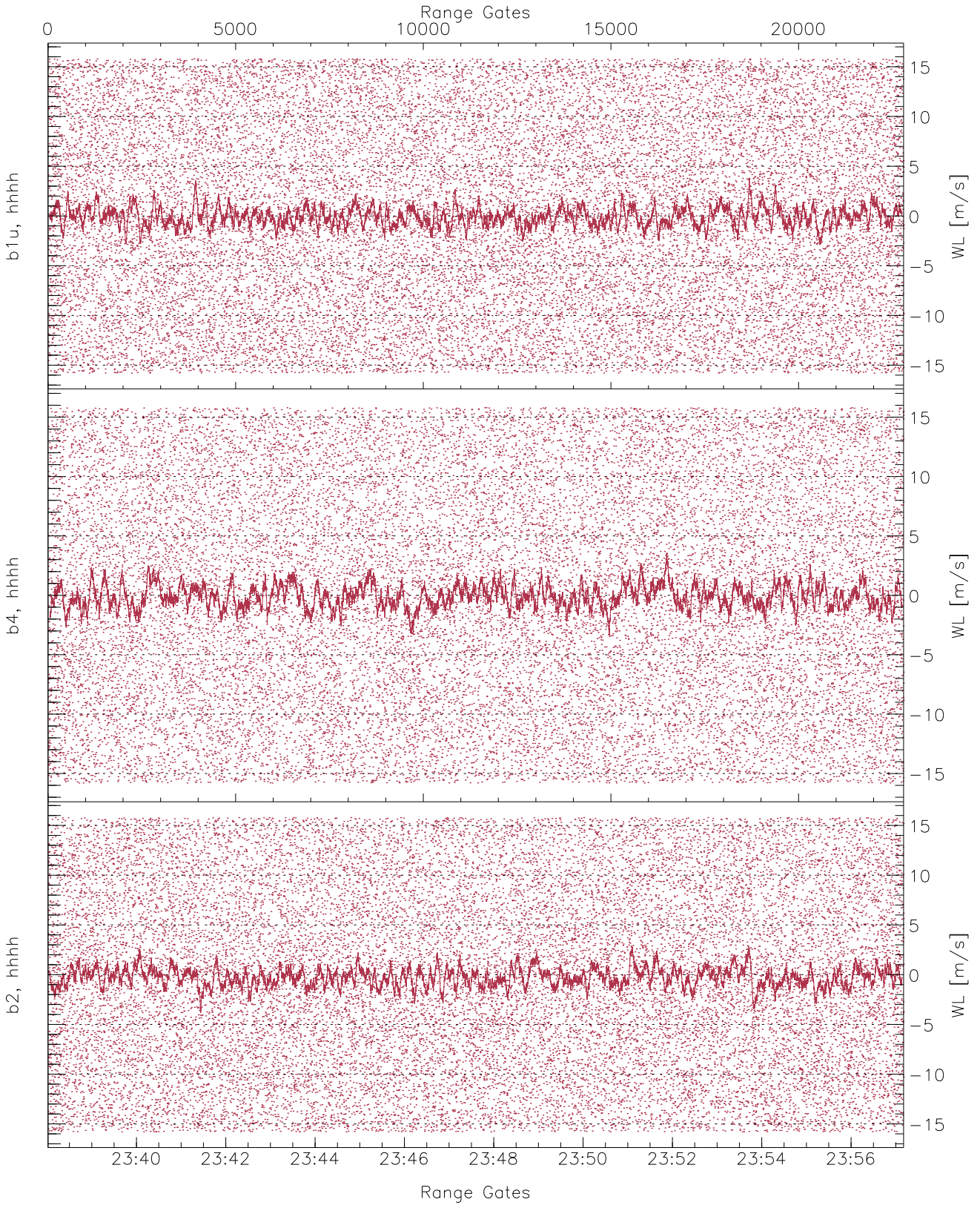
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.60	-61.74	-62.61	-62.61	-75.16
H2RG163_0 [dBm]	-63.21	-61.25	-62.17	-62.17	-74.74
V2RG85_0 [dBm]	-64.04	-61.83	-62.82	-62.83	-75.38



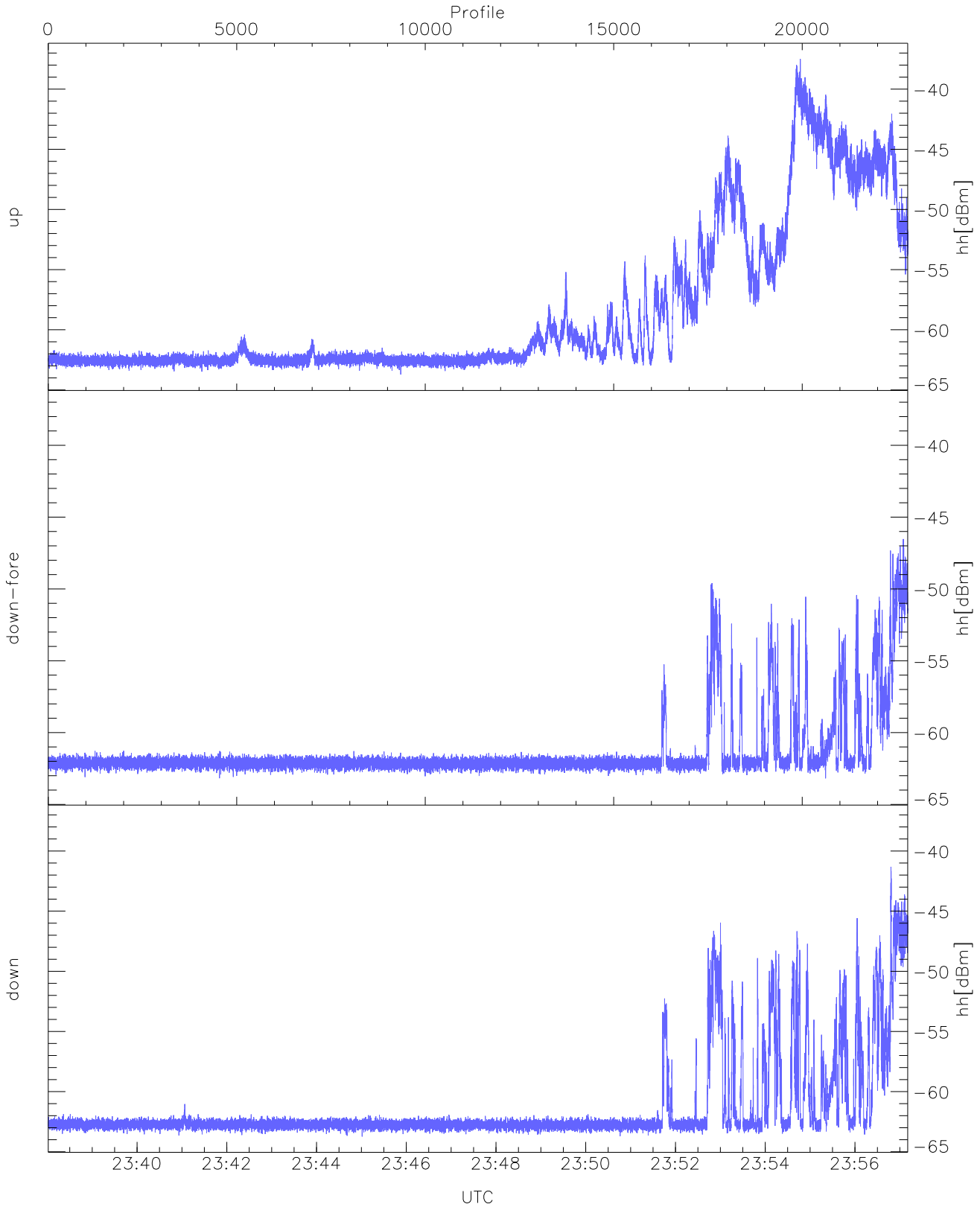
WCR2 CPP Averaged Received power for all recorded gates
blue: 233801-234736, 11401 profiles averaged
red: 234736-235711, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 233801-234736, 11401 profiles averaged
red: 234736-235711, 11400 profiles averaged

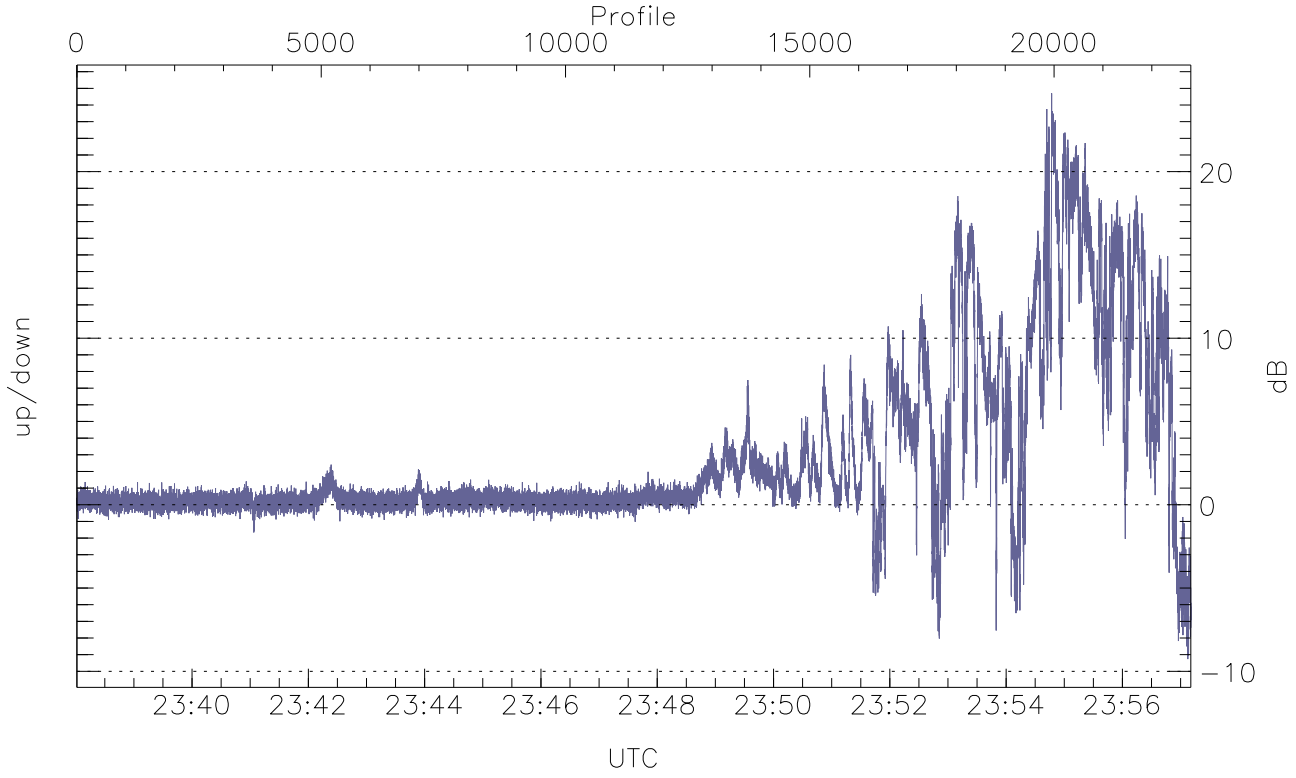


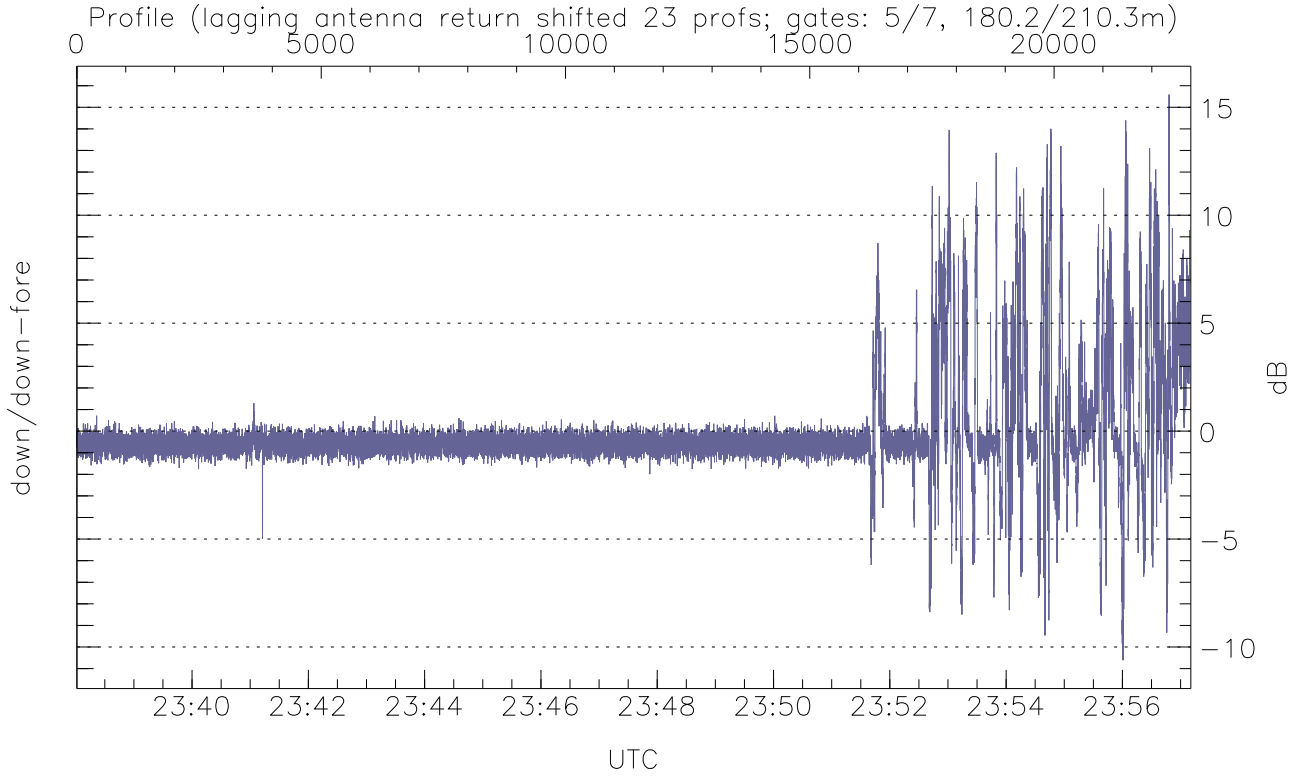
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

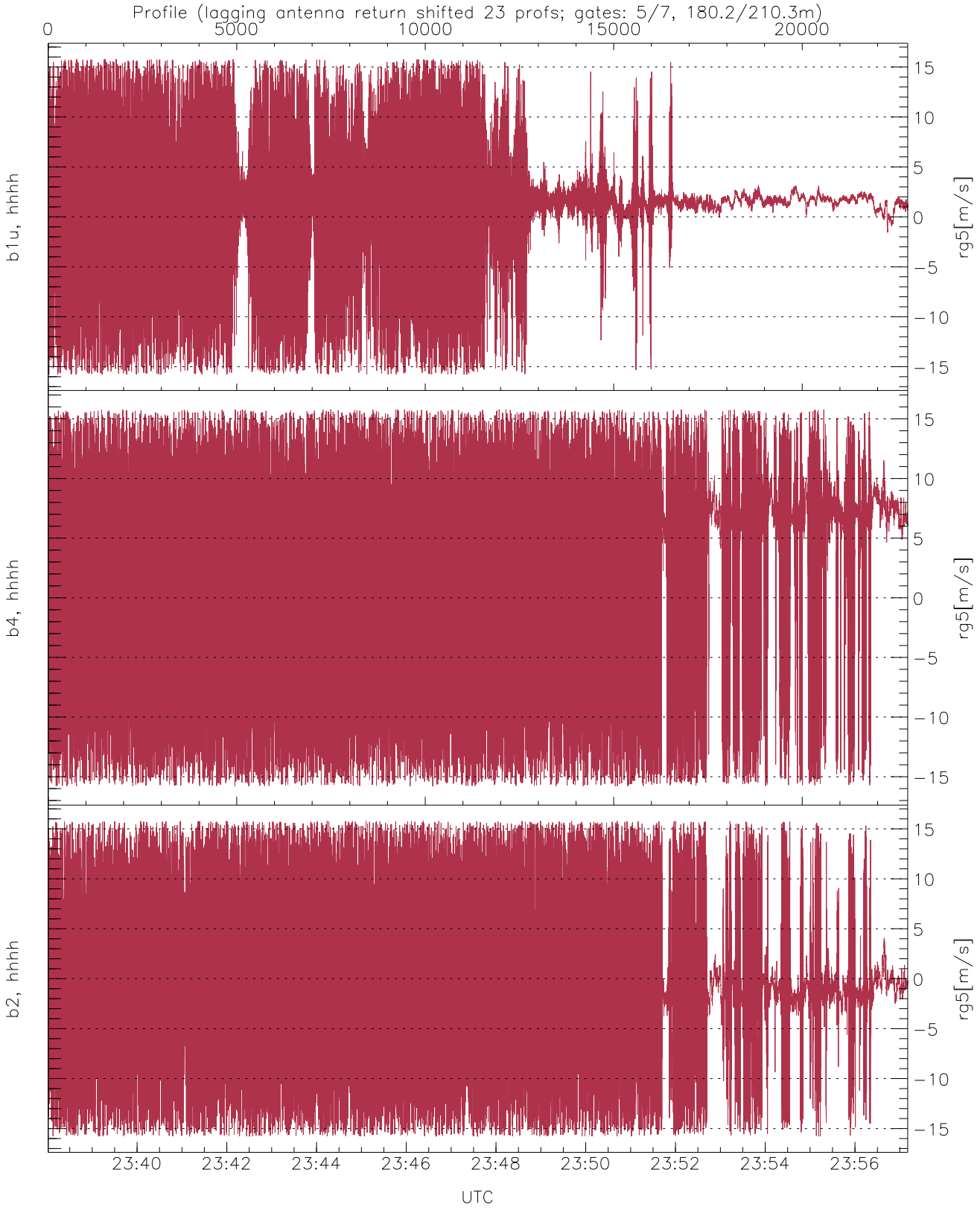
	Min	Max	Mean
up(hh[dBm])	-63.72	-37.50	-51.95
down-fore(hh[dBm])	-63.19	-46.52	-60.06
down(hh[dBm])	-63.73	-41.32	-58.39





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

	Min	Max	Mean
up/down(dB)	-9.27	24.70	2.90
down/down-fore(dB)	-10.61	15.59	-0.09



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.80	0.84	6.04
b4, hhhh(rg5[m/s])	-15.80	15.79	0.96	8.78
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.56	8.11