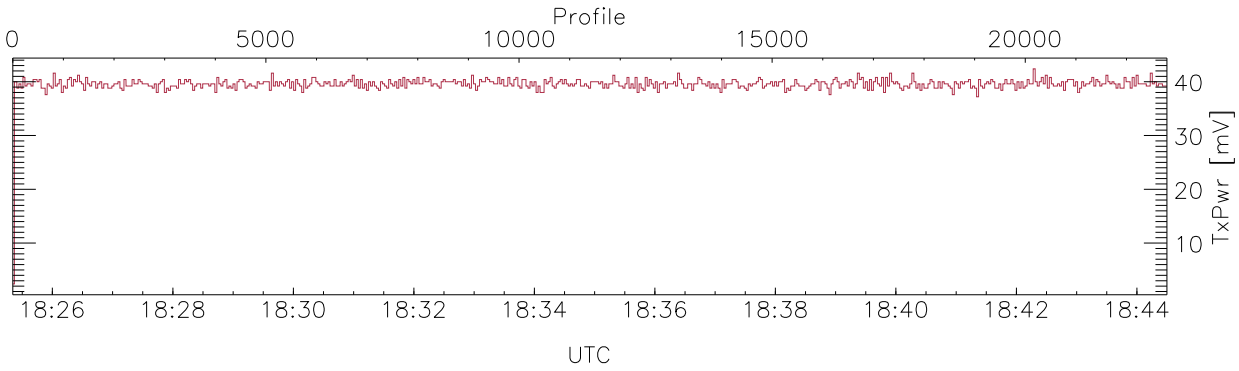
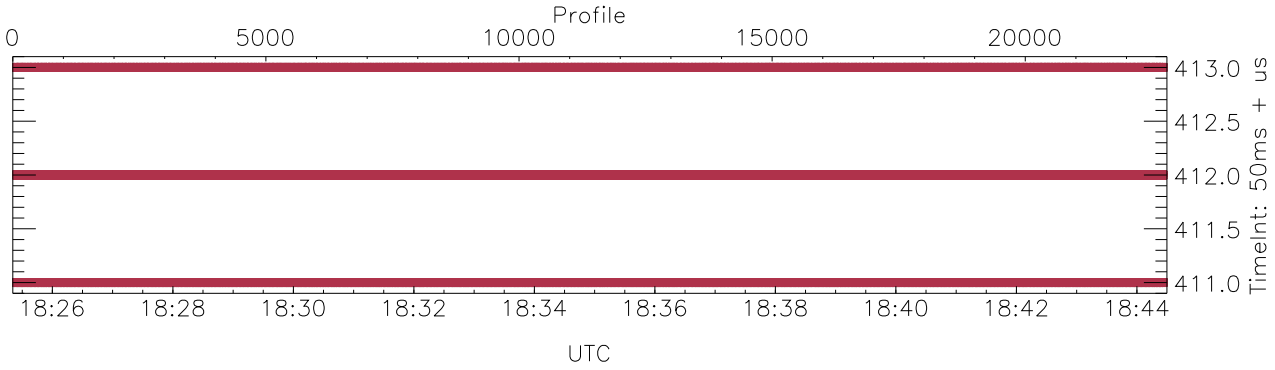
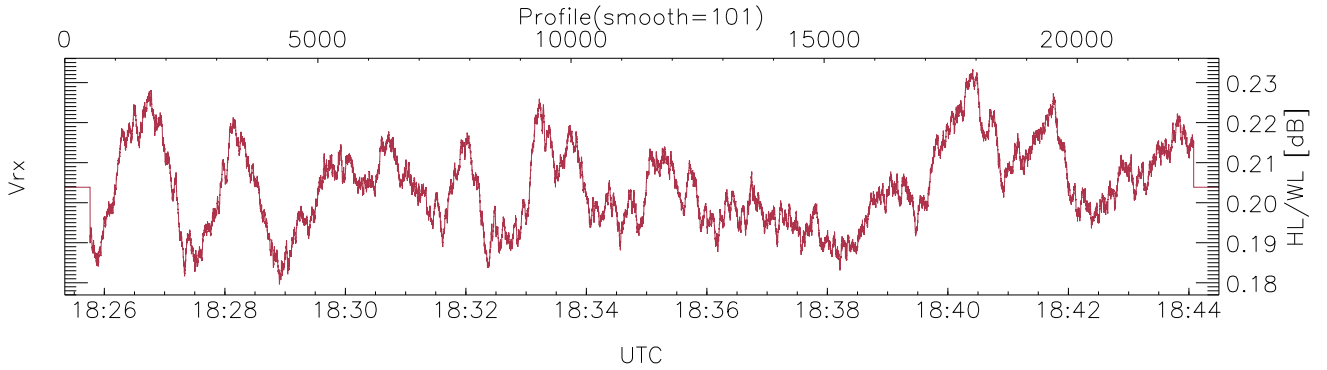
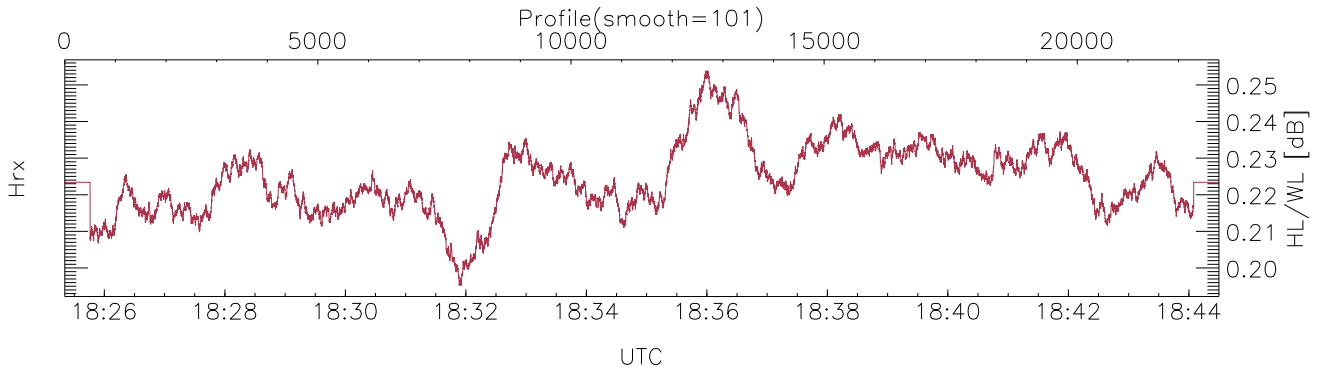


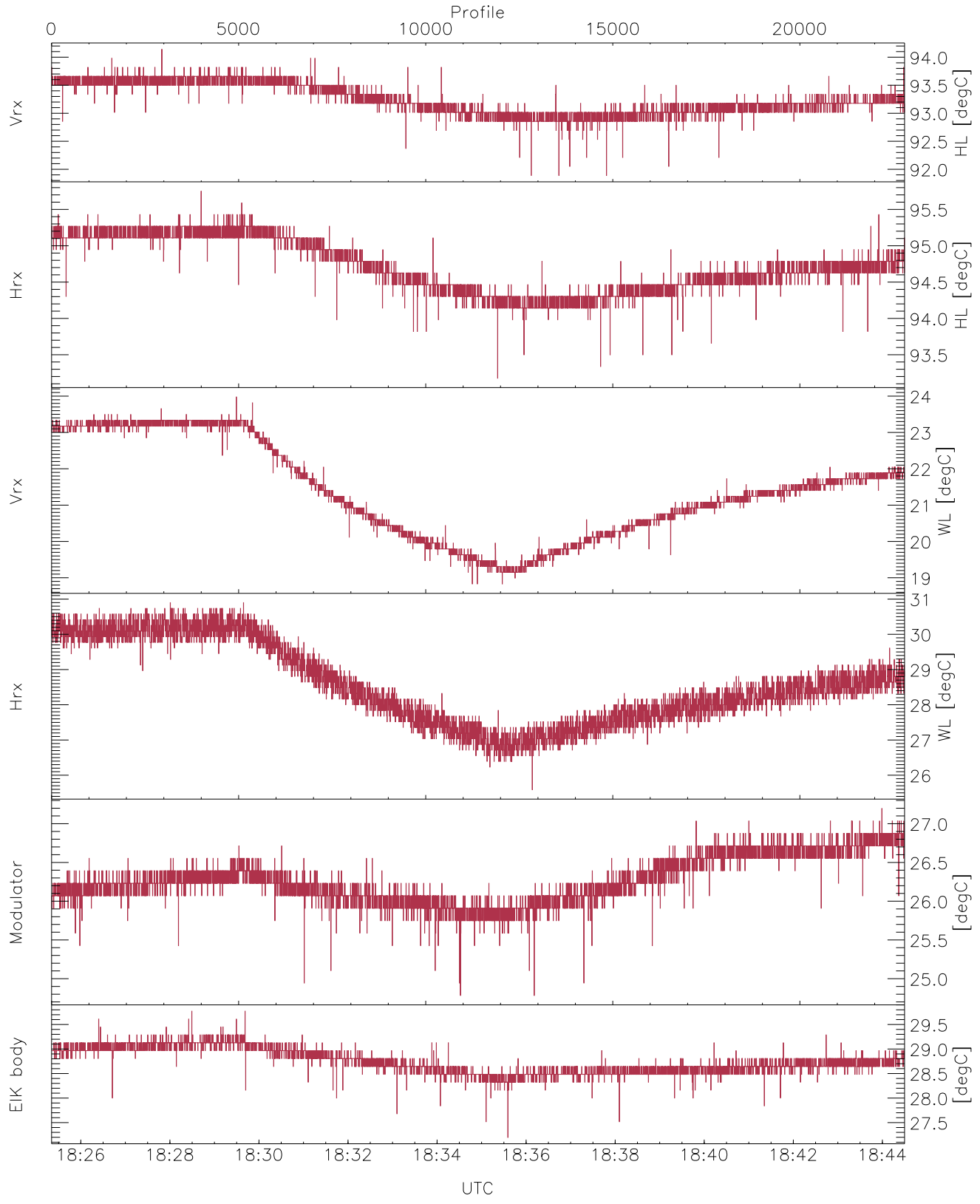






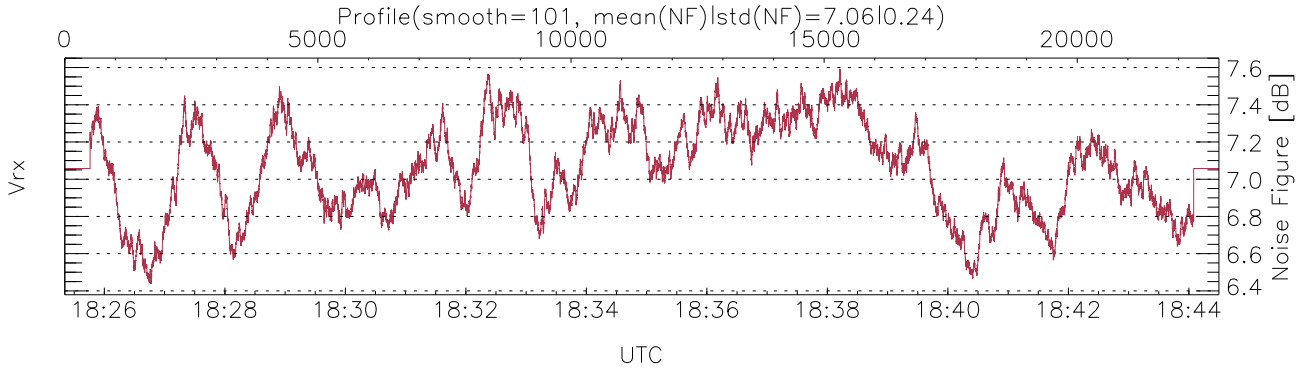
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

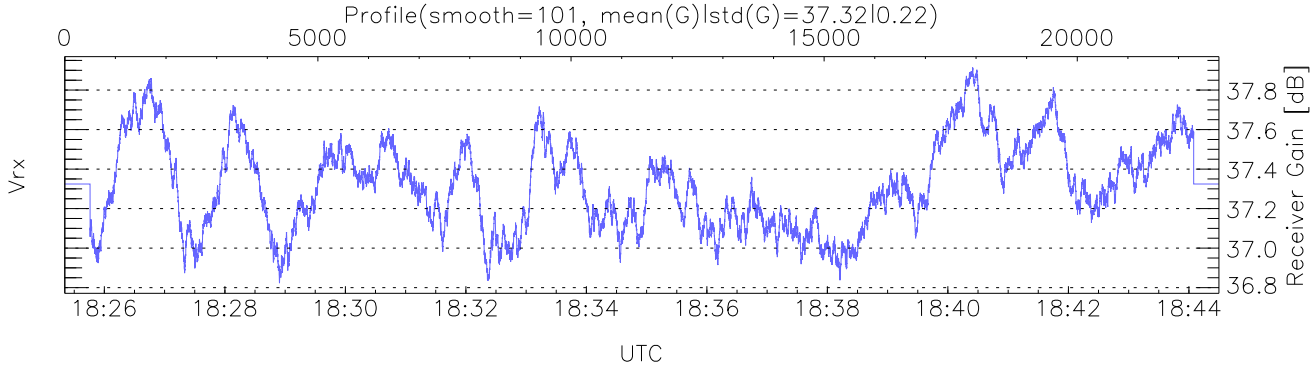
UTC: 18:25:21-18:58:40, Dur: 1999.46s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/39663, 0-22799/18:25:21-18:44:30
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

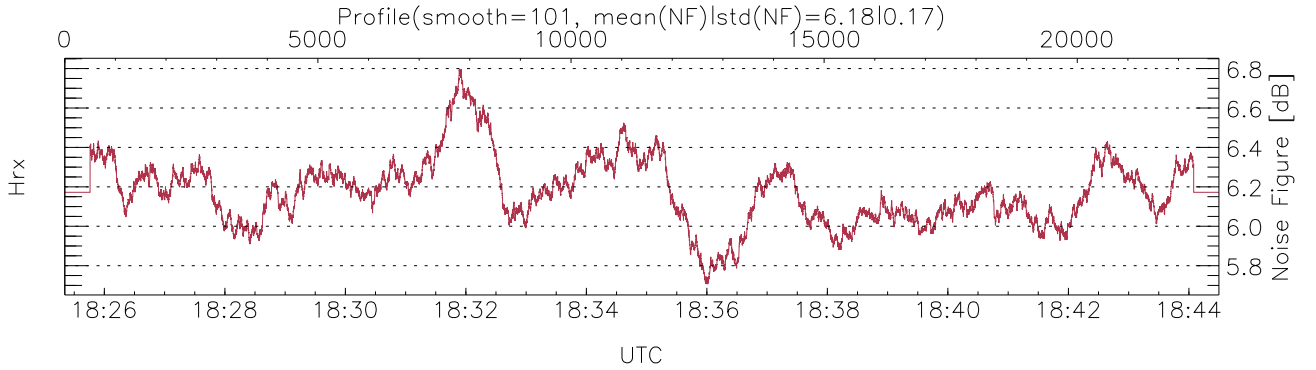


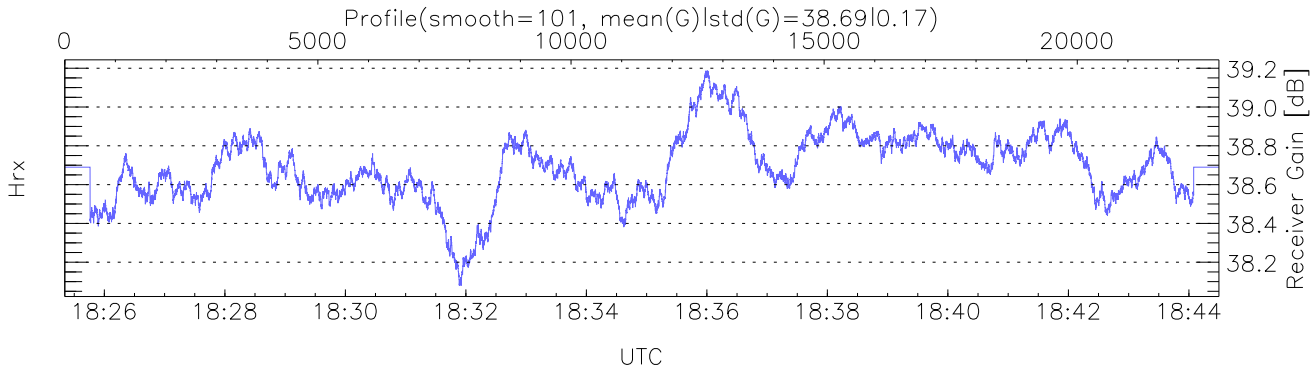
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,25,24,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,23,30,27,29
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (32,32,32,32,32,10)



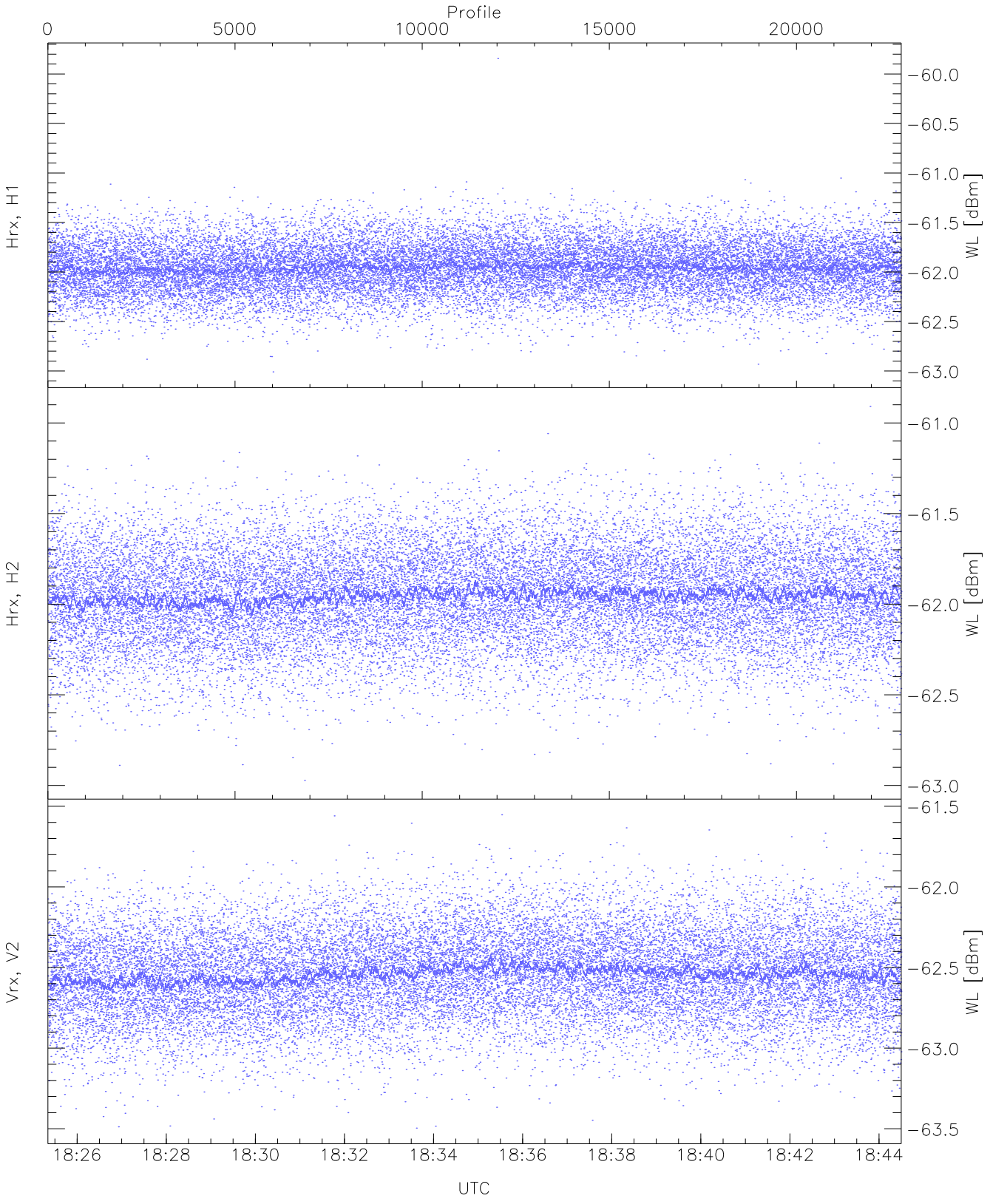






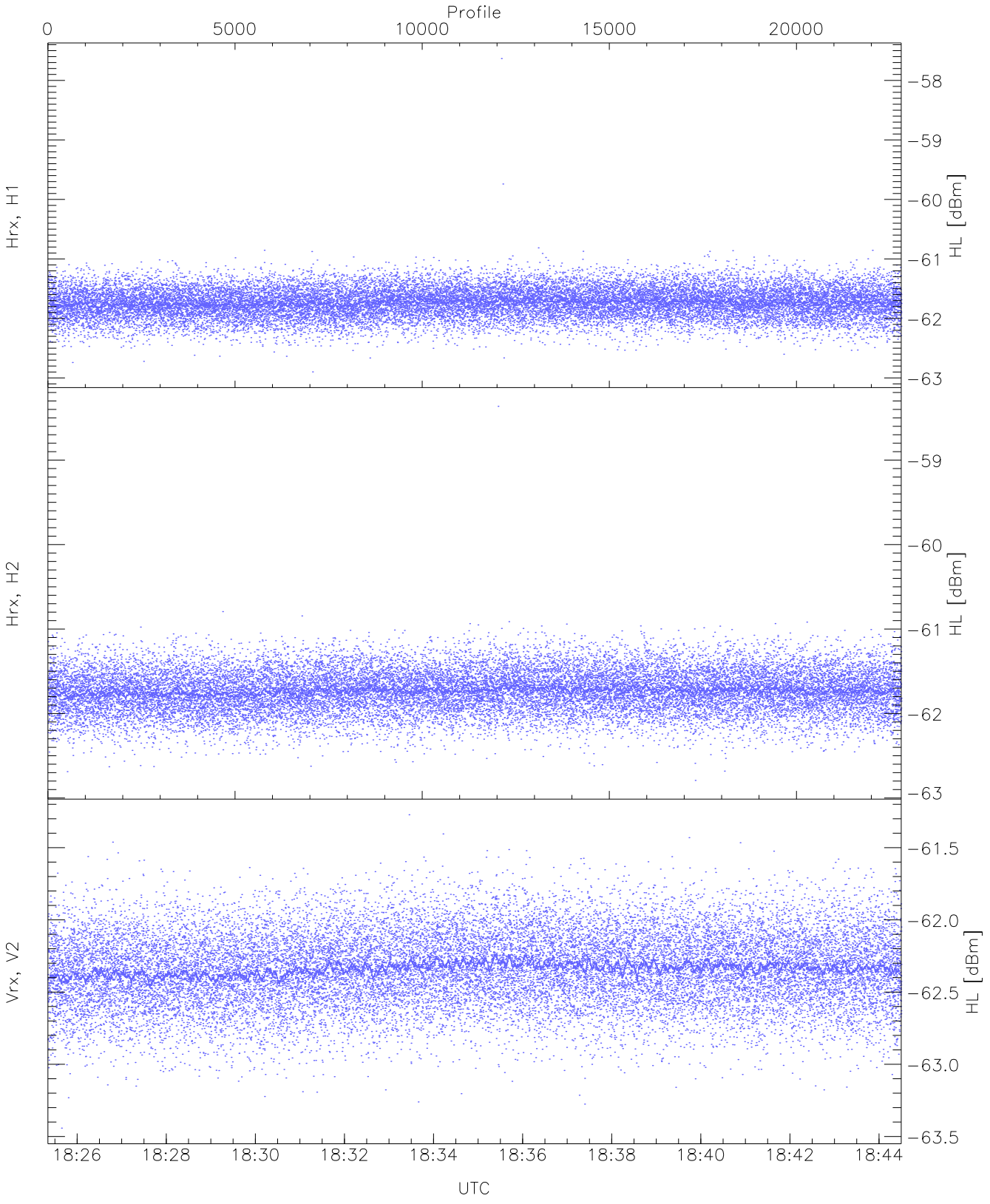
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1000 pixs, 14 gates, 971 profs, 1 prods



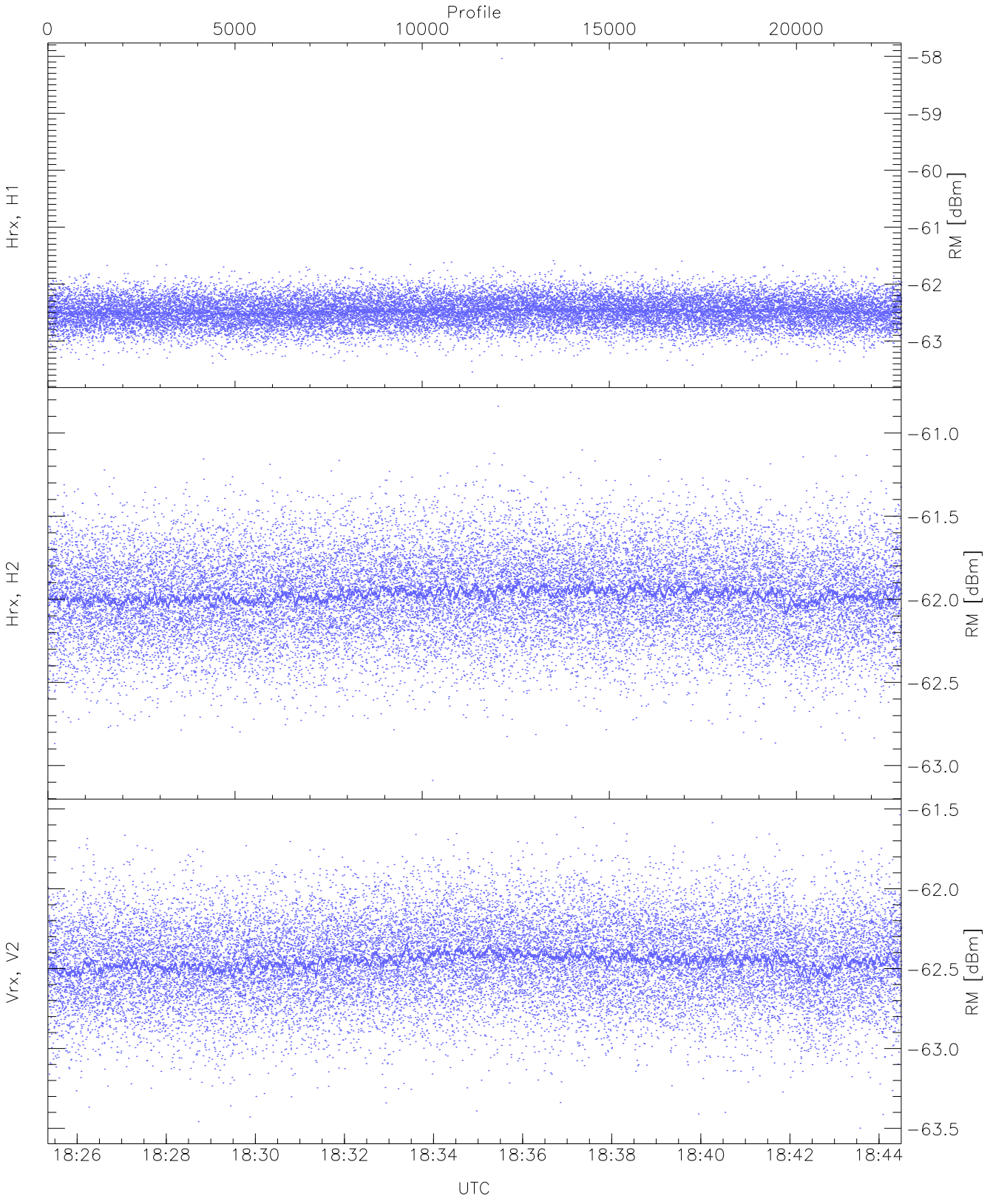
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.01	-59.84	-61.95	-61.96	-74.49
Hrx, H2(WL [dBm])	-62.97	-60.91	-61.95	-61.96	-74.49
Vrx, V2(WL [dBm])	-63.50	-61.55	-62.54	-62.54	-75.02



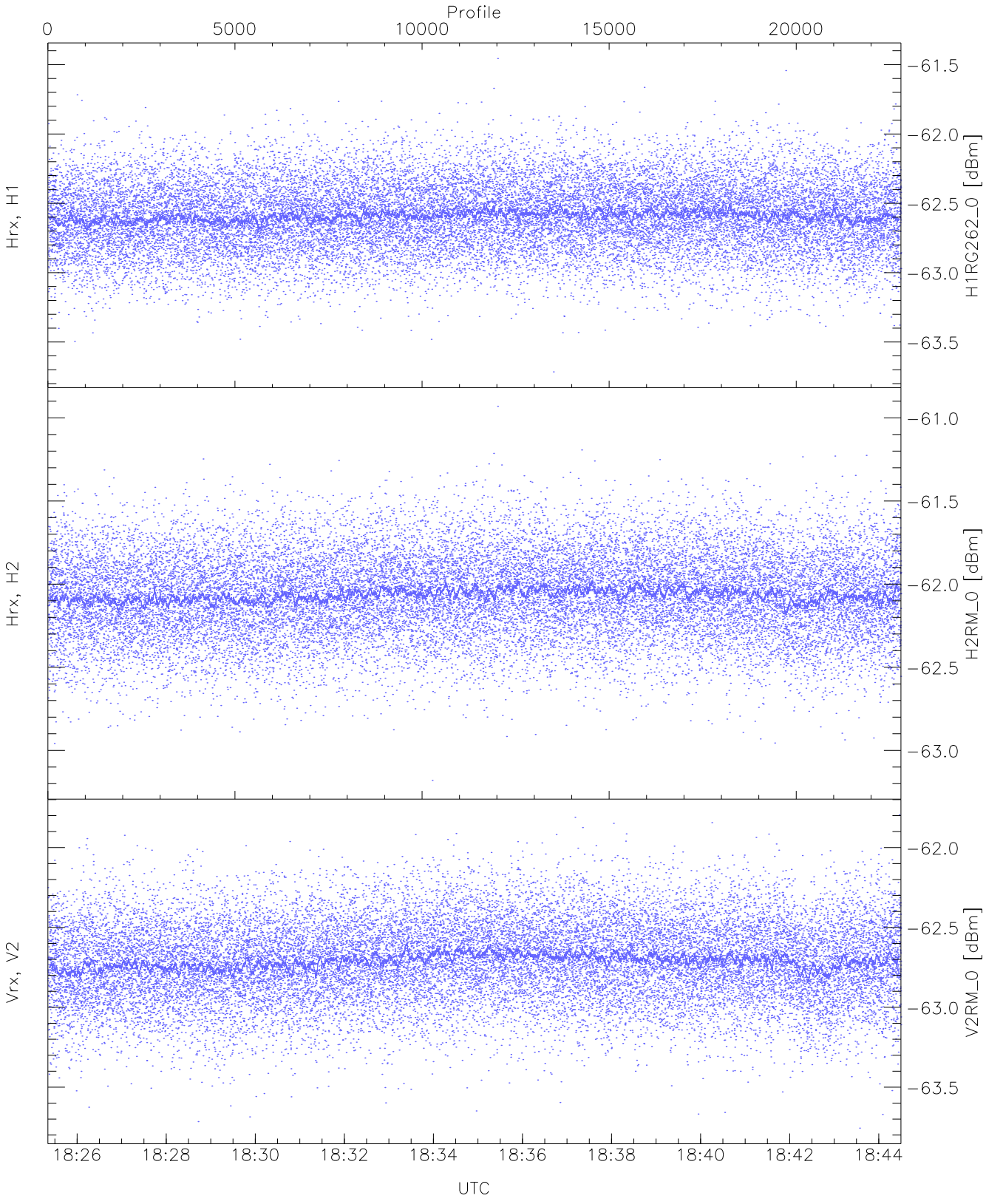
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.90	-57.63	-61.73	-61.74	-74.20
Hrx, H2(HL [dBm])	-62.79	-58.36	-61.73	-61.73	-74.22
Vrx, V2(HL [dBm])	-63.44	-61.27	-62.33	-62.34	-74.84



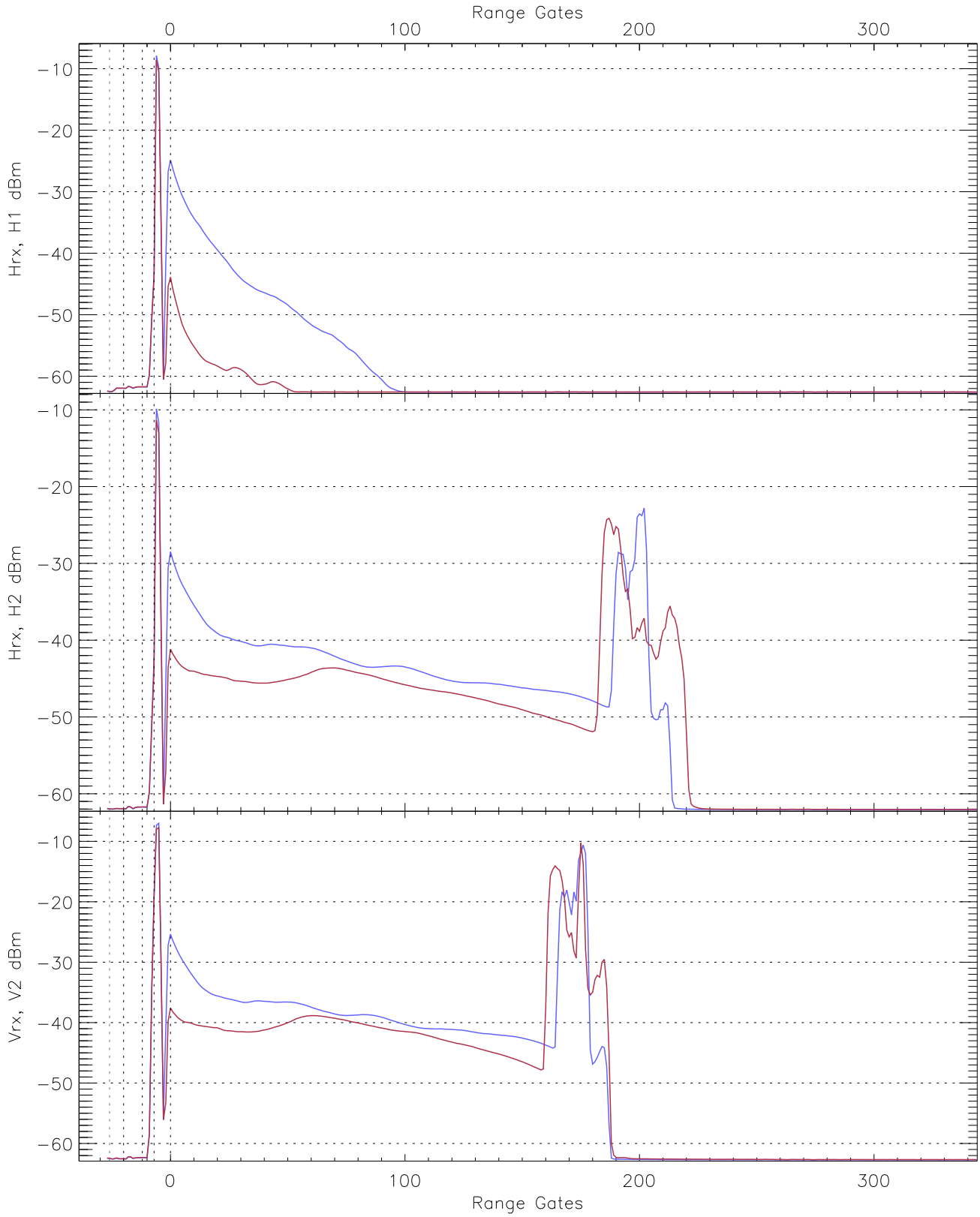
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.54	-58.04	-62.48	-62.48	-74.92
Hrx, H2(RM [dBm])	-63.09	-60.84	-61.97	-61.98	-74.51
Vrx, V2(RM [dBm])	-63.50	-61.54	-62.45	-62.45	-75.00

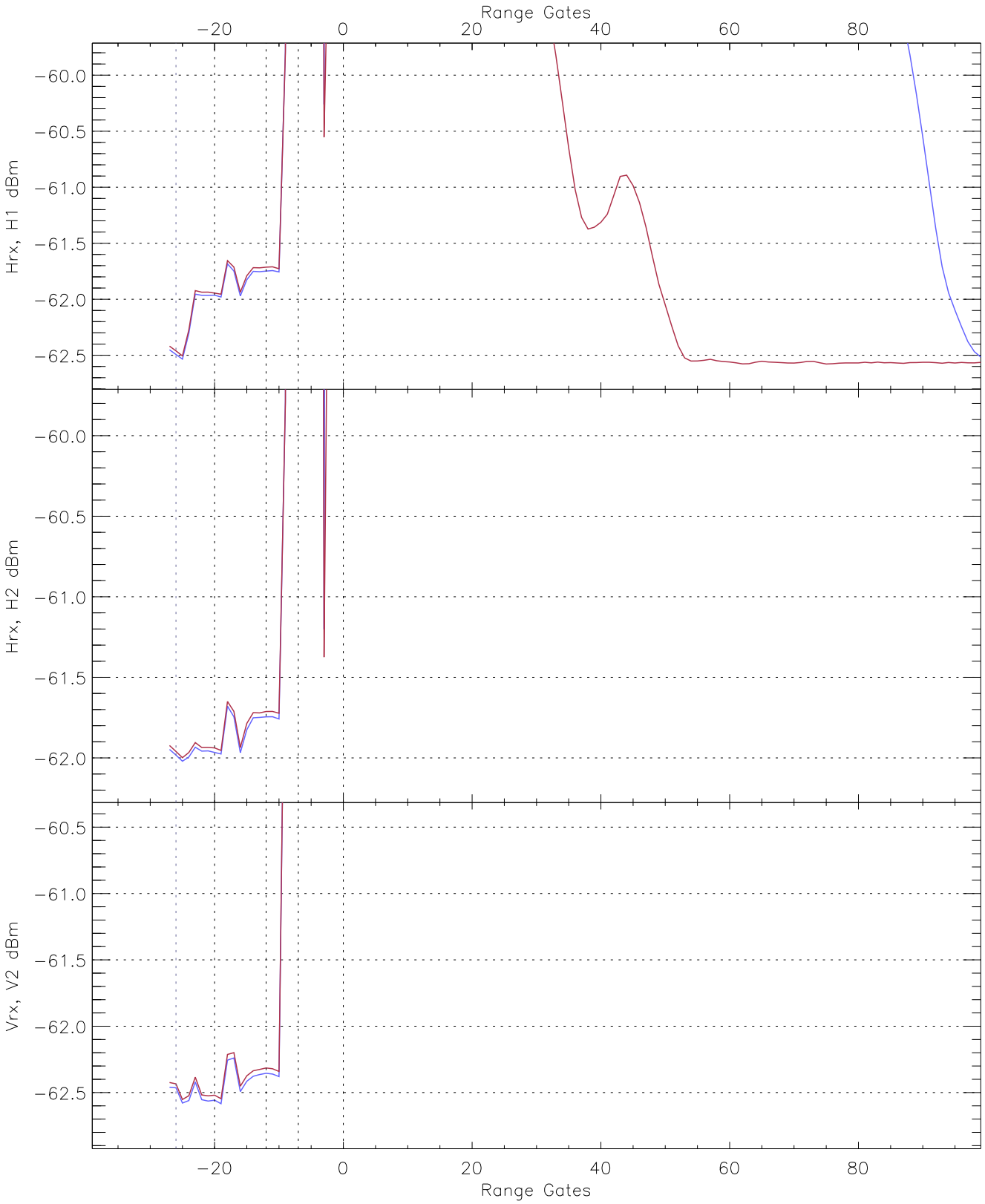


WCR2 CPP "Best" estimate Receivers Noise Power

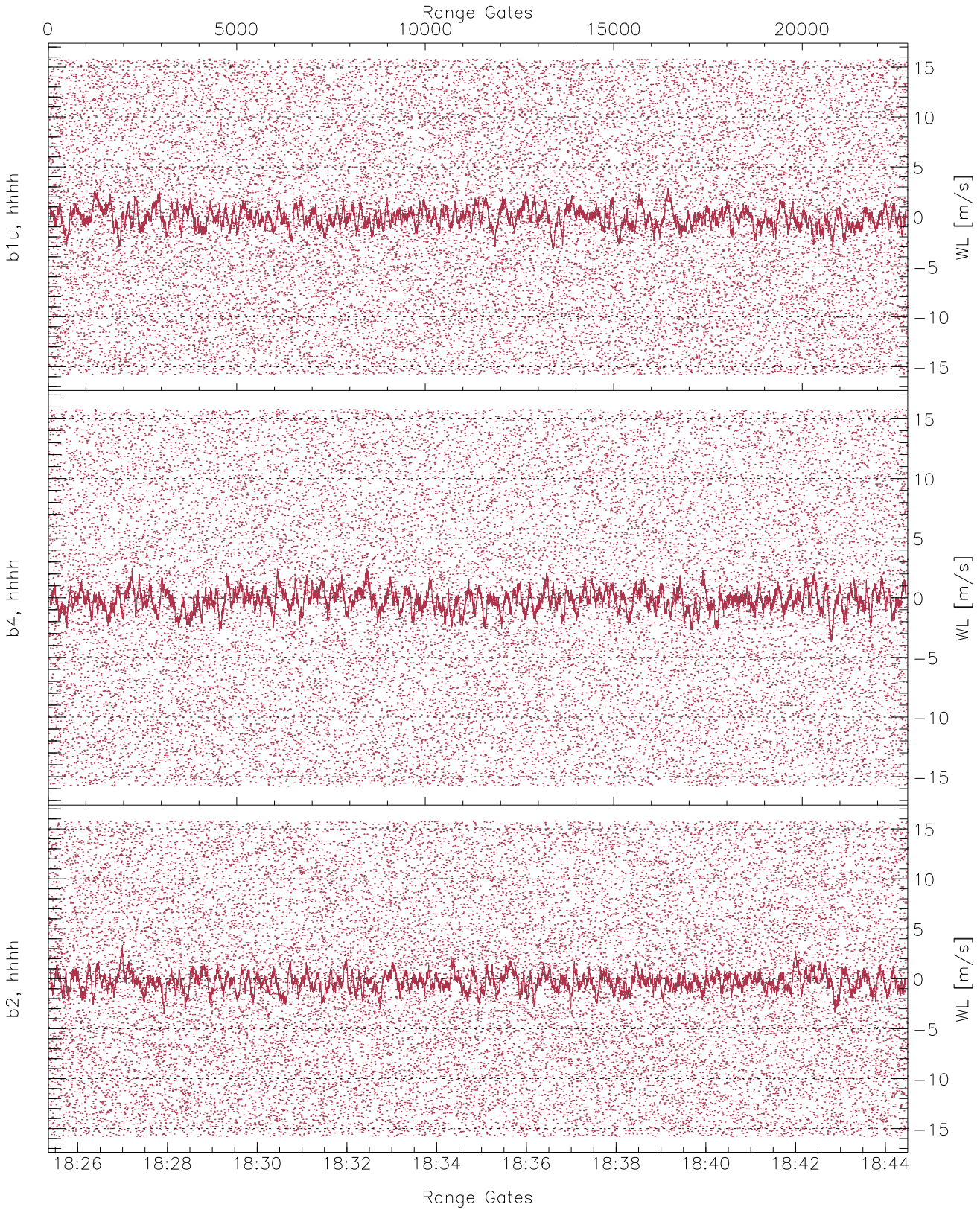
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.72	-61.46	-62.59	-62.59	-75.12
H2RM_0 [dBm]	-63.18	-60.93	-62.06	-62.07	-74.60
V2RM_0 [dBm]	-63.76	-61.79	-62.71	-62.71	-75.26



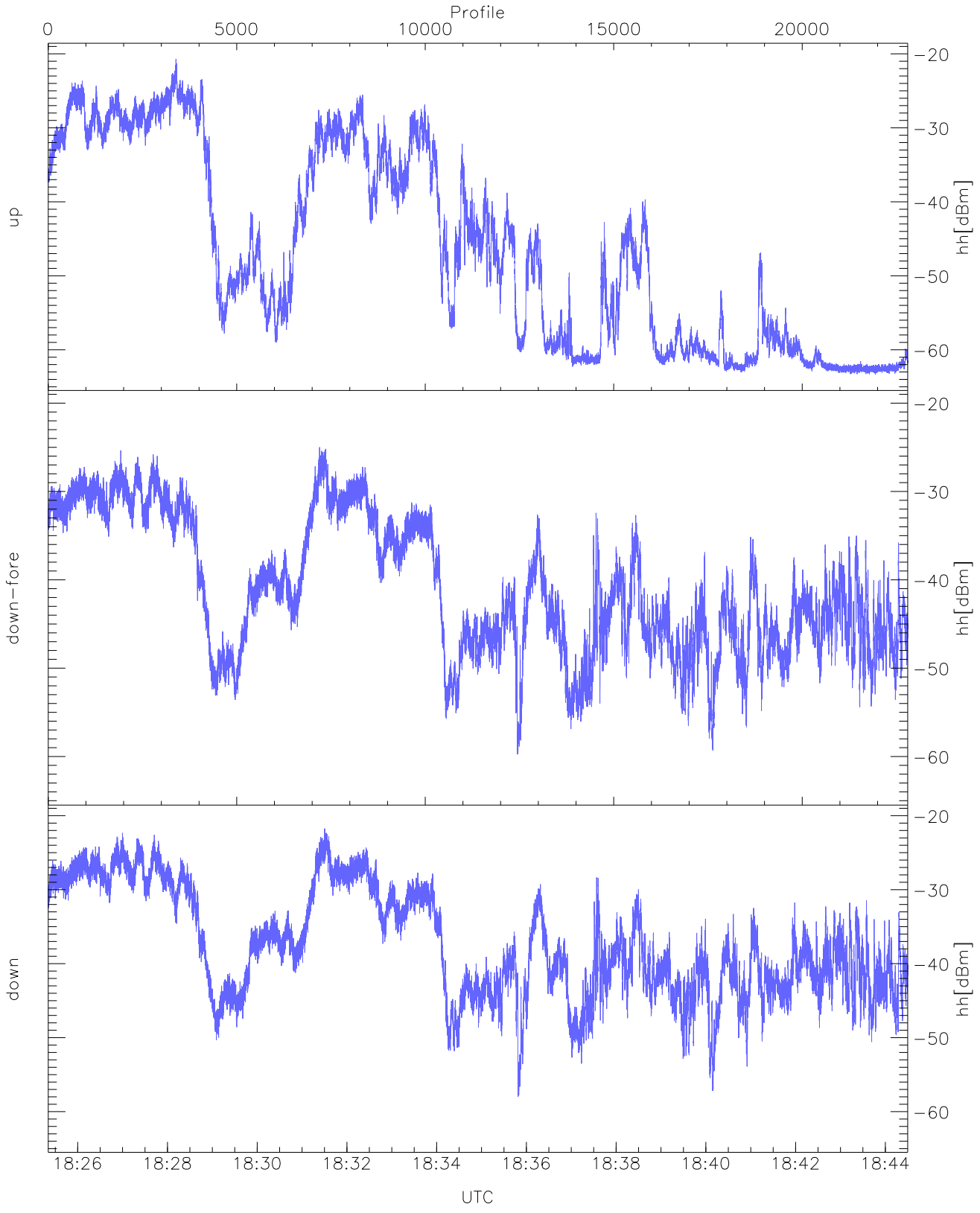
WCR2 CPP Averaged Received power for all recorded gates
blue: 182521-183455, 11401 profiles averaged
red: 183455-184430, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 182521-183455, 11401 profiles averaged
red: 183455-184430, 11400 profiles averaged

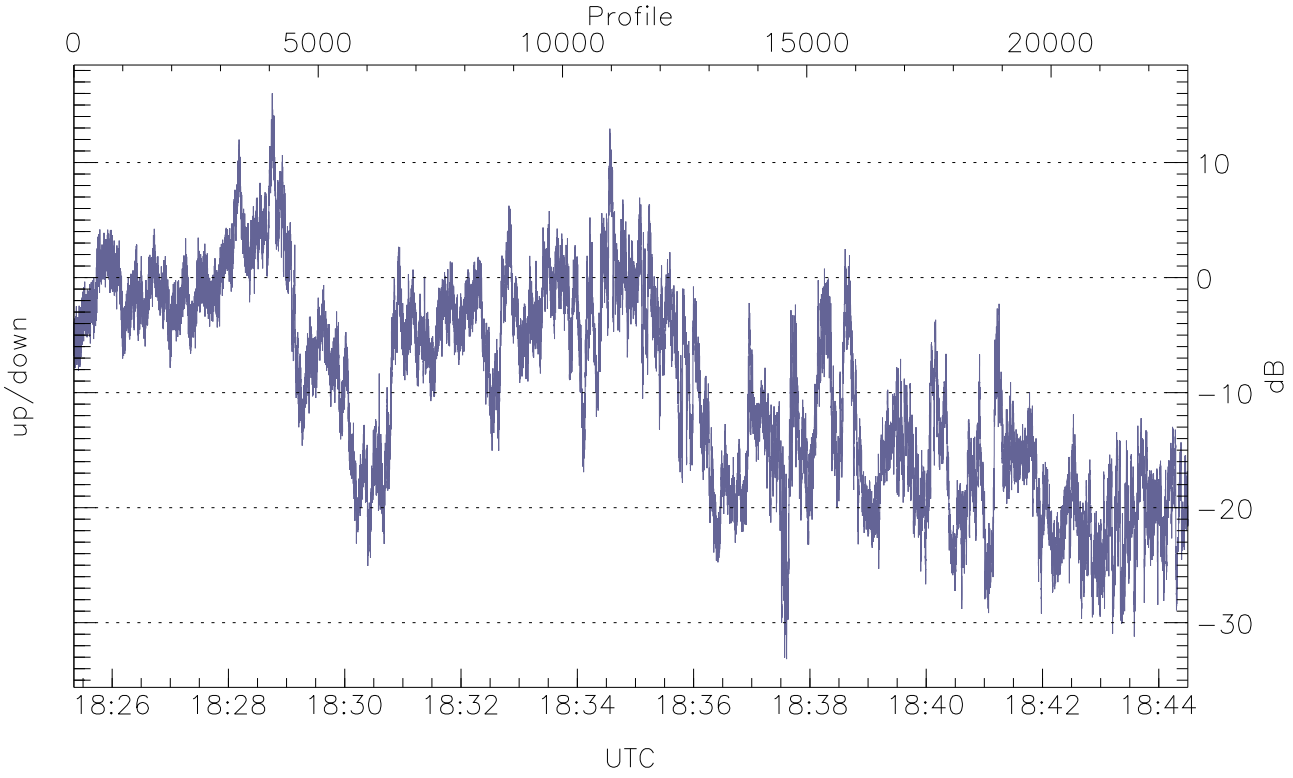


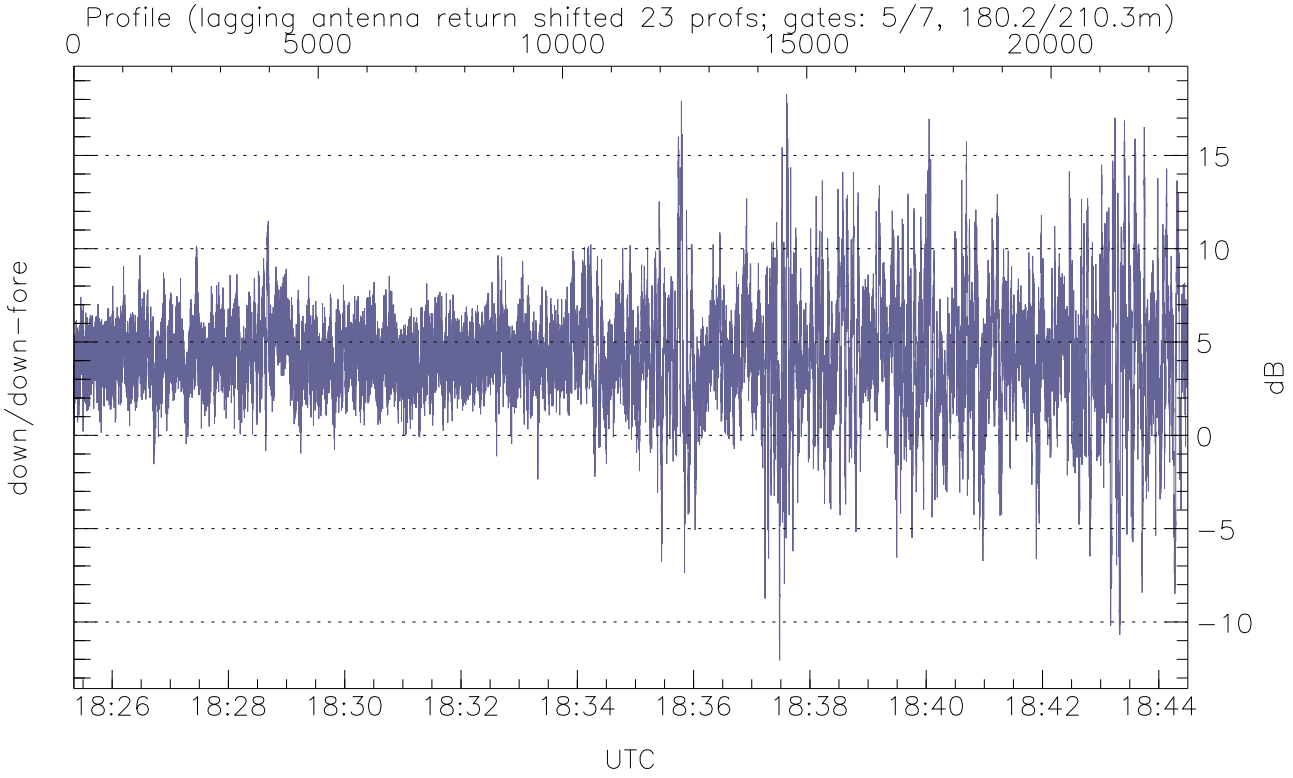
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

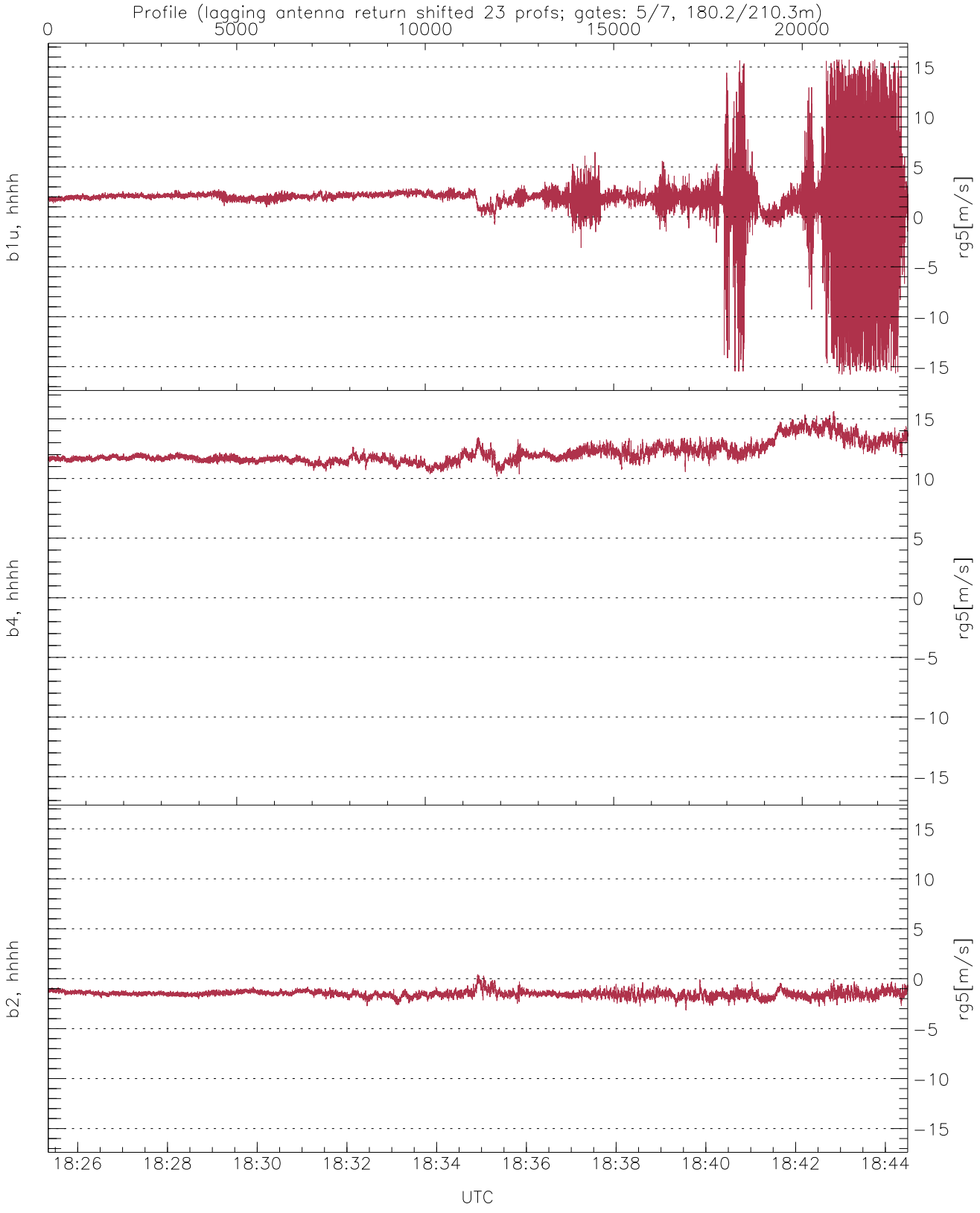
	Min	Max	Mean
up(hh[dBm])	-63.37	-20.70	-33.63
down-fore(hh[dBm])	-59.75	-24.99	-35.40
down(hh[dBm])	-57.97	-21.73	-32.21





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

	Min	Max	Mean
up/down(dB)	-33.16	16.02	-9.46
down/down-fore(dB)	-12.05	18.26	4.24



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.74	1.76	2.69
b4, hhhh(rg5[m/s])	10.18	15.65	12.13	0.86
b2, hhhh(rg5[m/s])	-3.15	0.43	-1.52	0.32