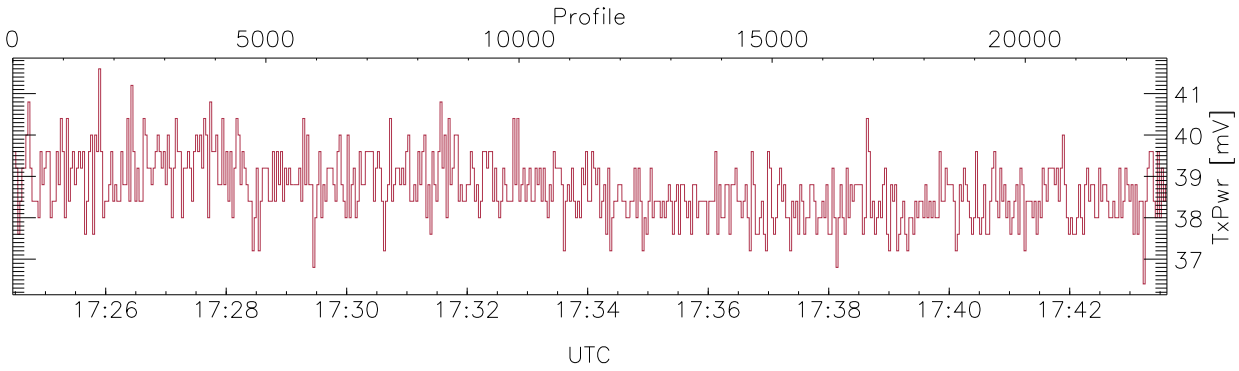
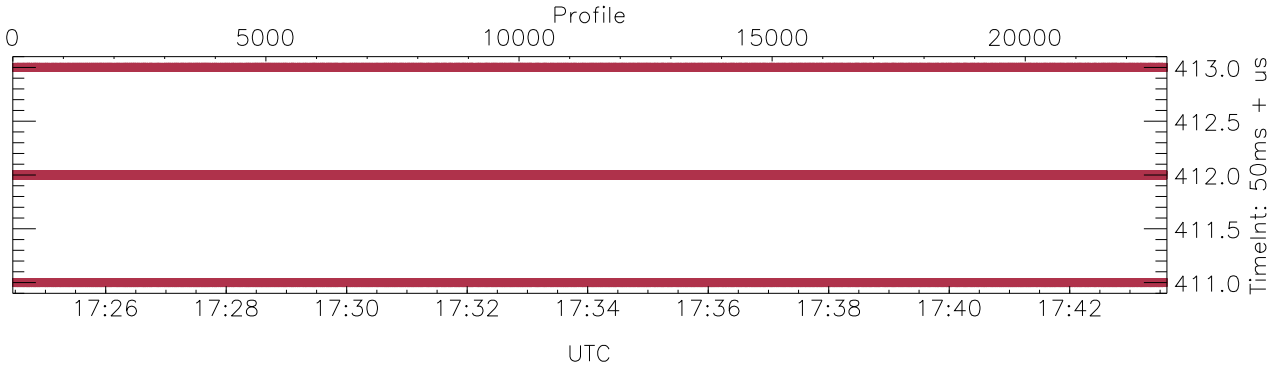
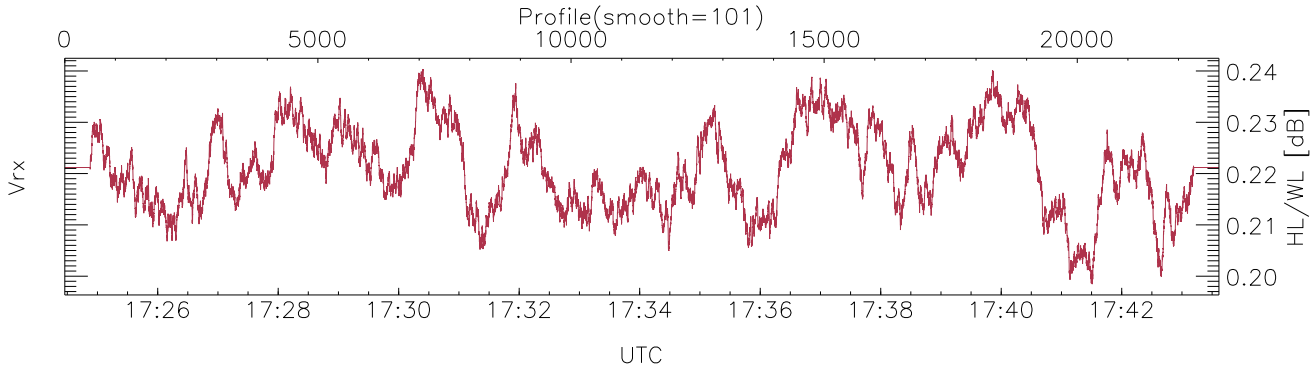
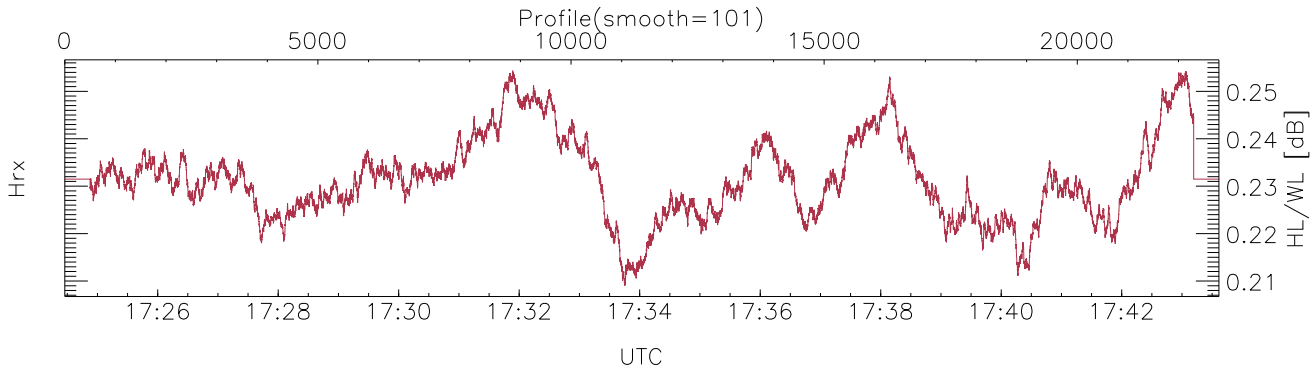


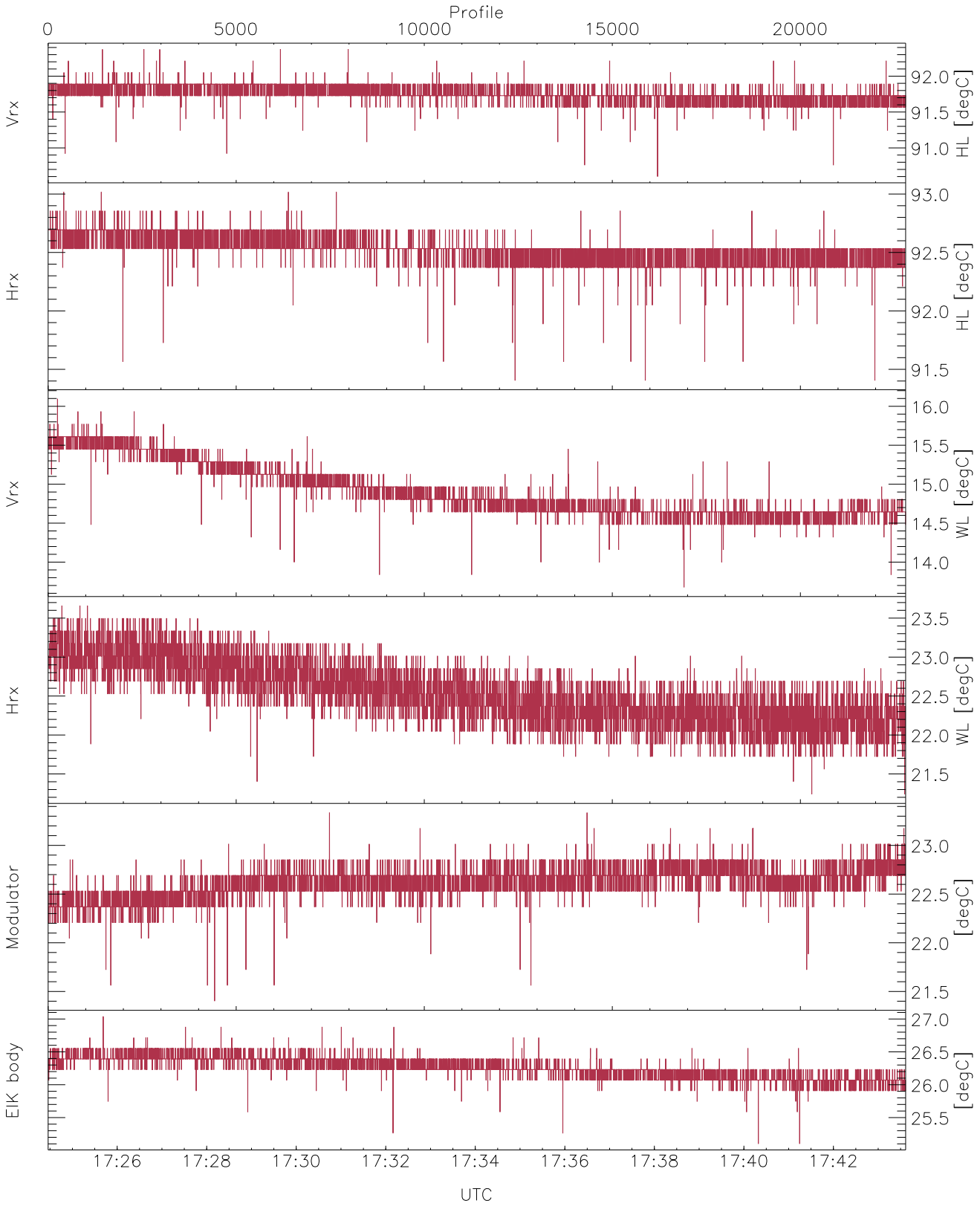






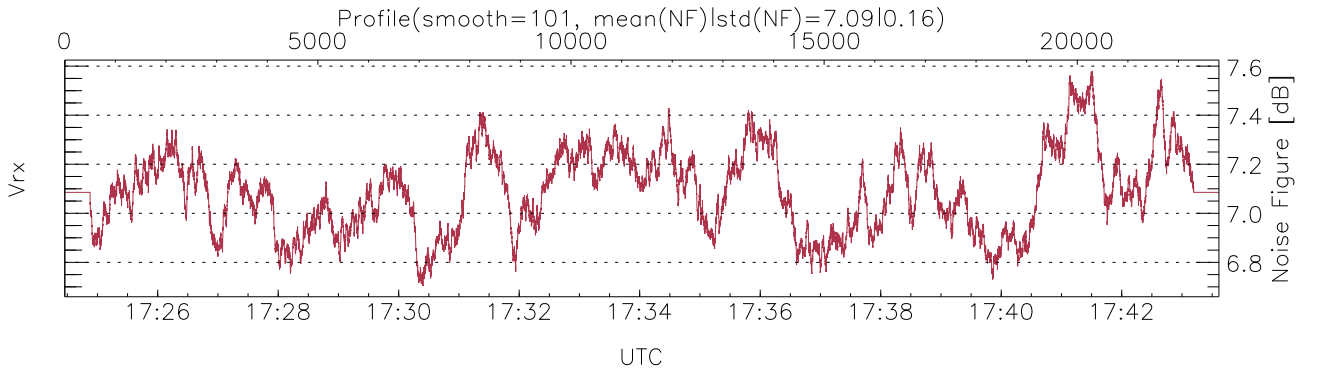
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

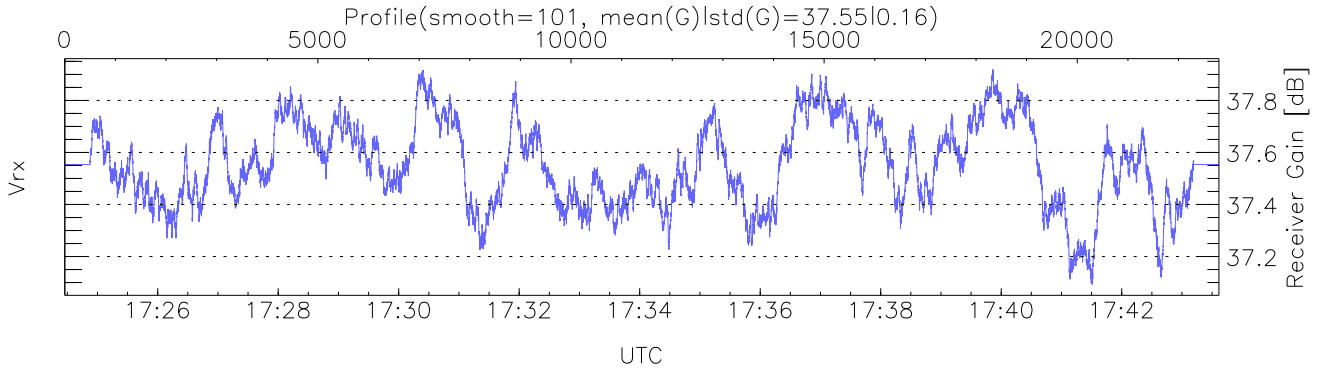
UTC: 17:24:27-17:49:11, Dur: 1483.29s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/29424, 0-22799/17:24:27-17:43:37
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

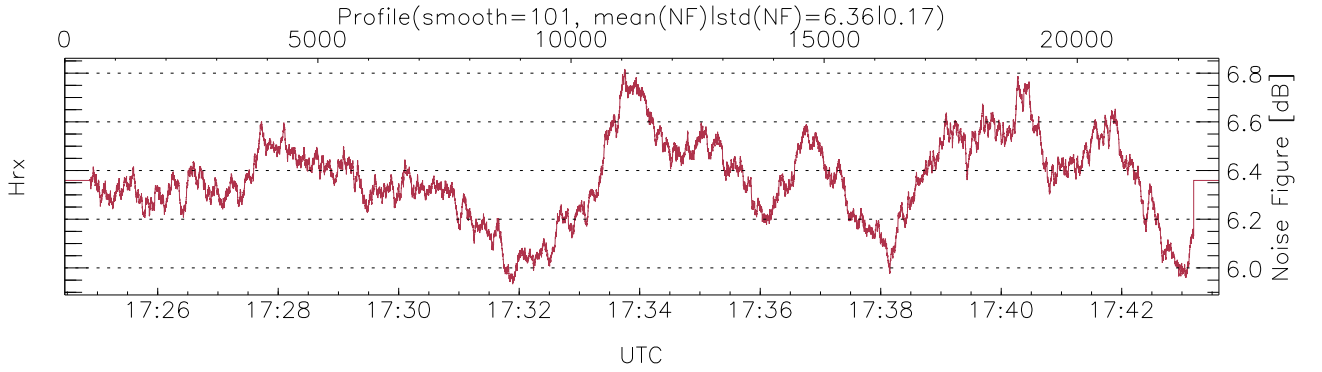


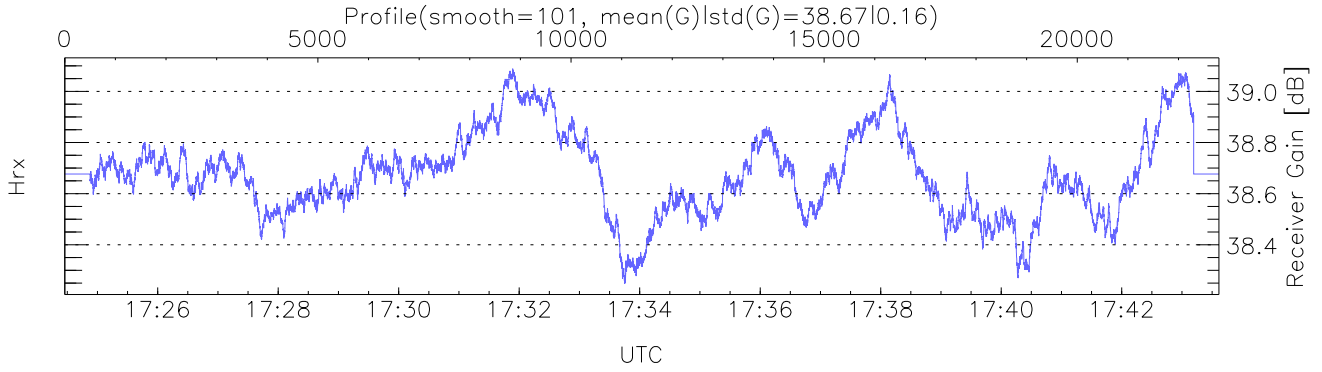
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,21,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,23,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,16)



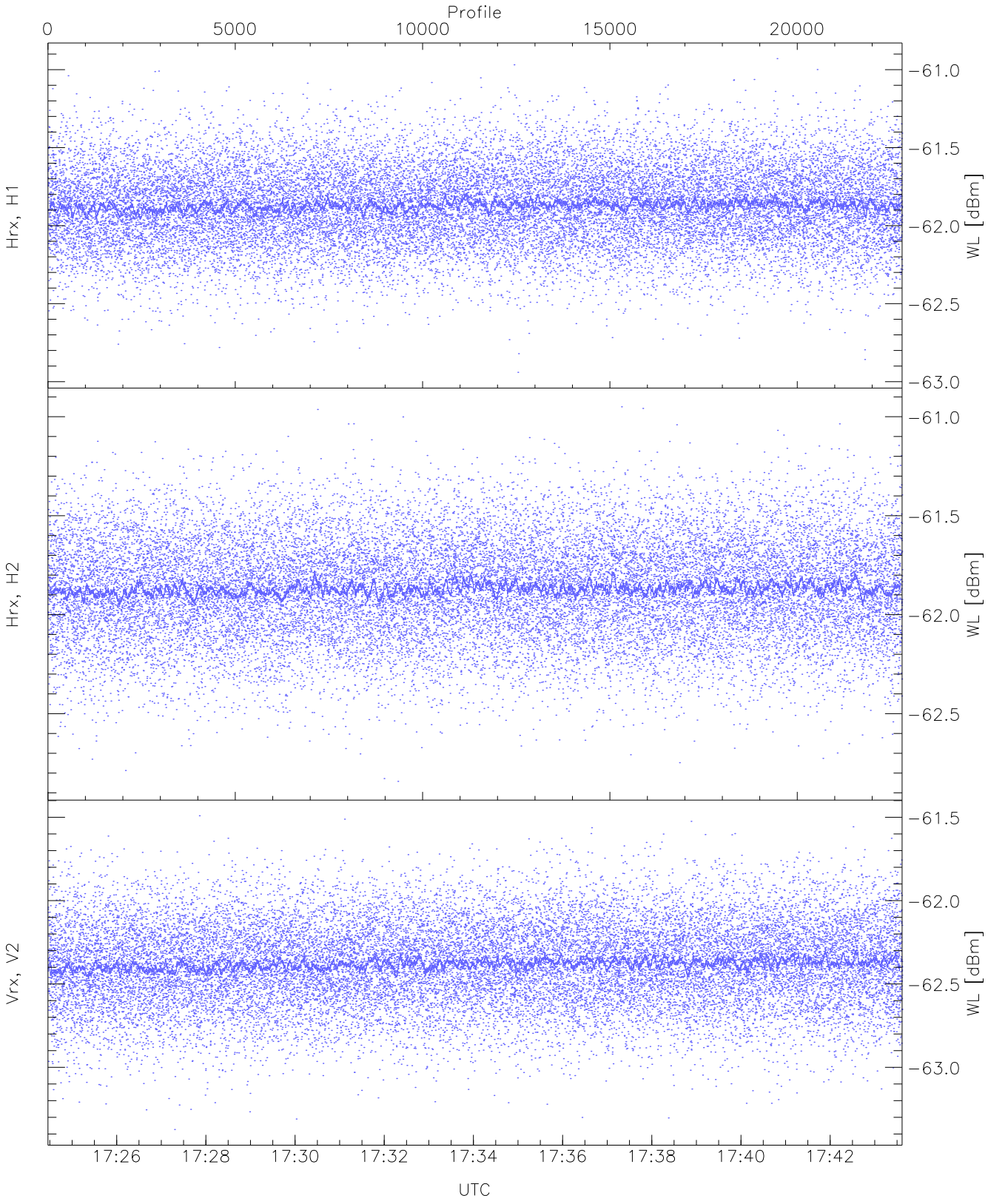






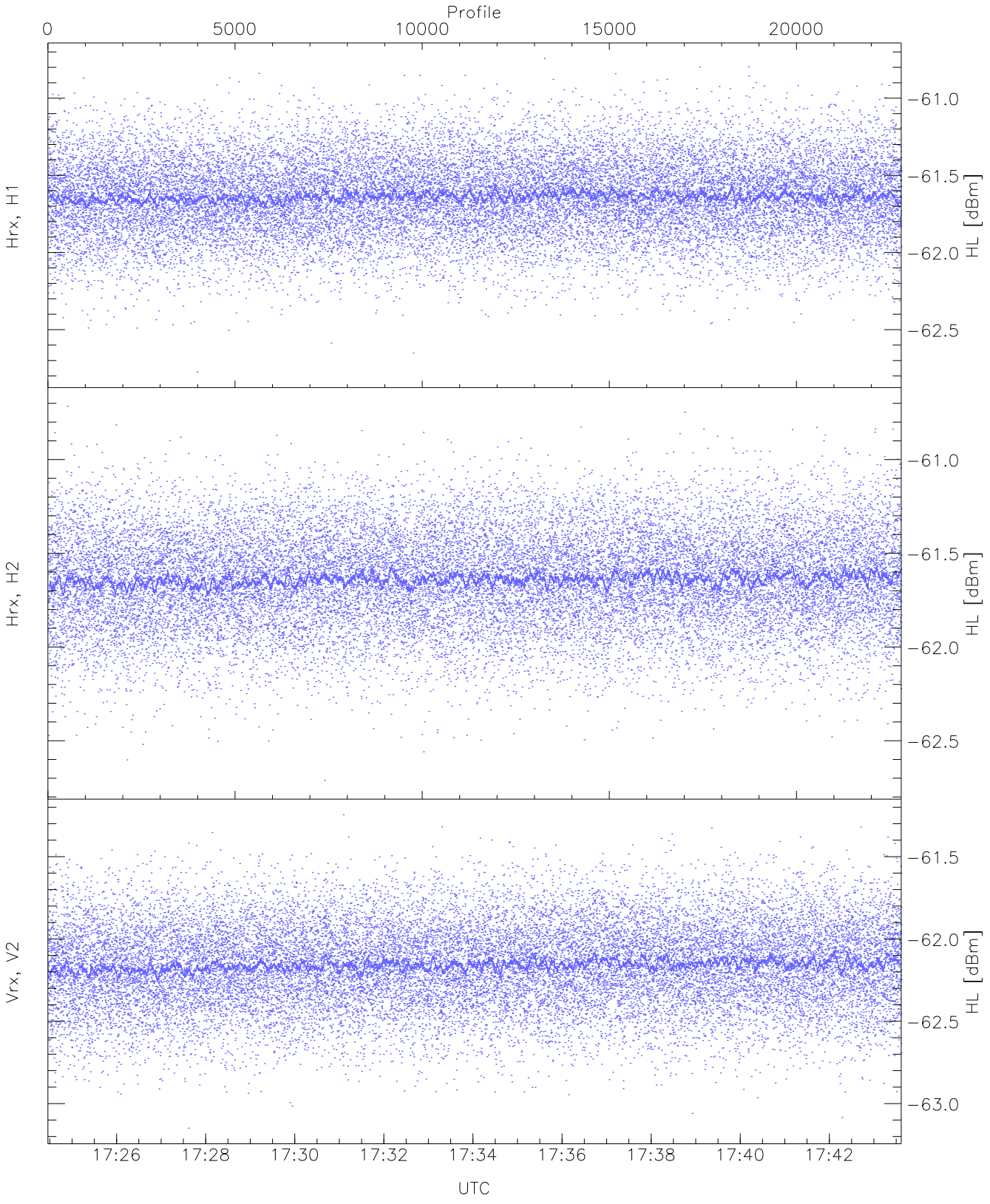
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 18326 pixs, 16 gates, 16646 profs, 2 prods



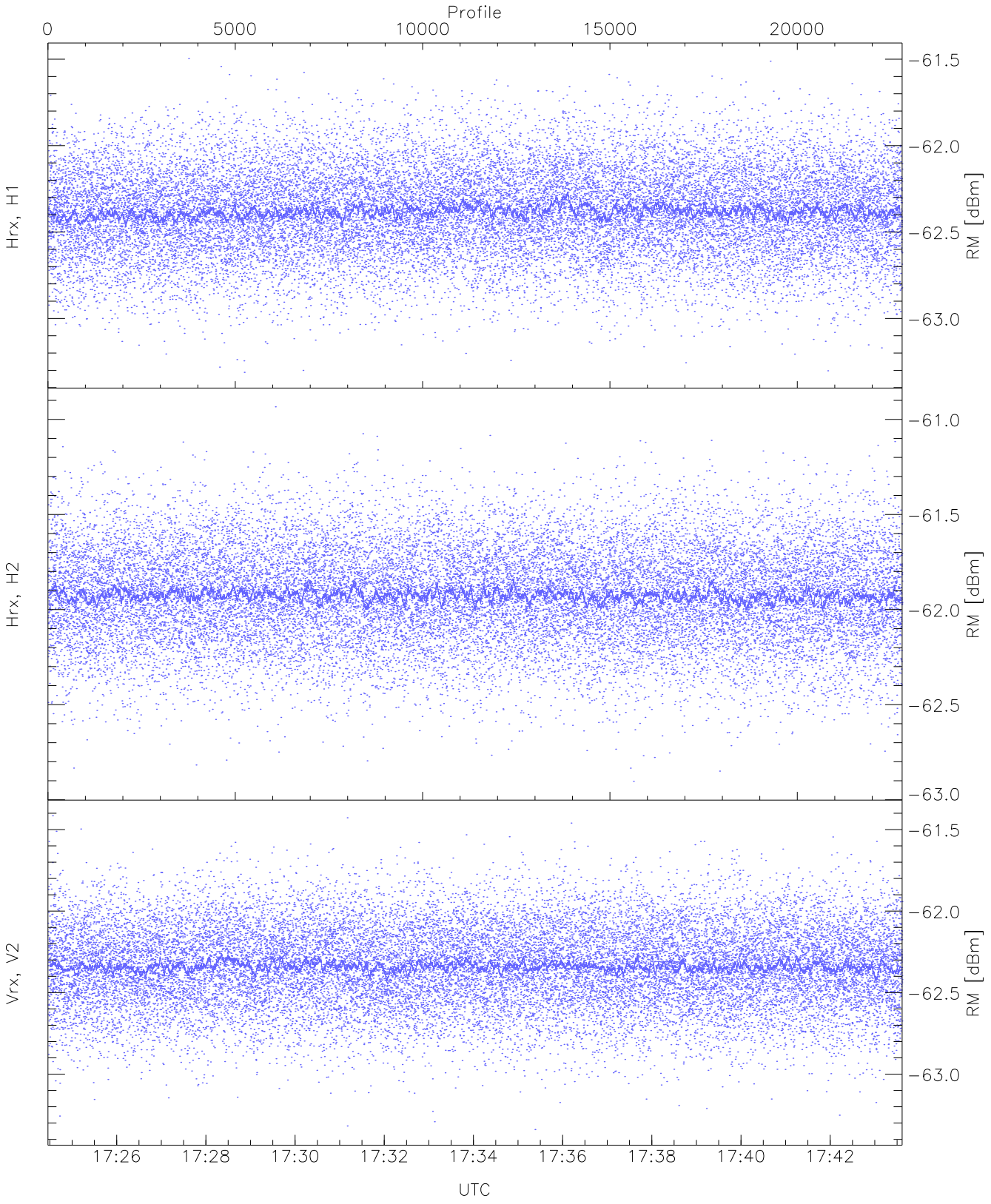
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.94	-60.93	-61.87	-61.87	-74.41
Hrx, H2(WL [dBm])	-62.84	-60.95	-61.87	-61.87	-74.44
Vrx, V2(WL [dBm])	-63.37	-61.49	-62.38	-62.38	-74.94



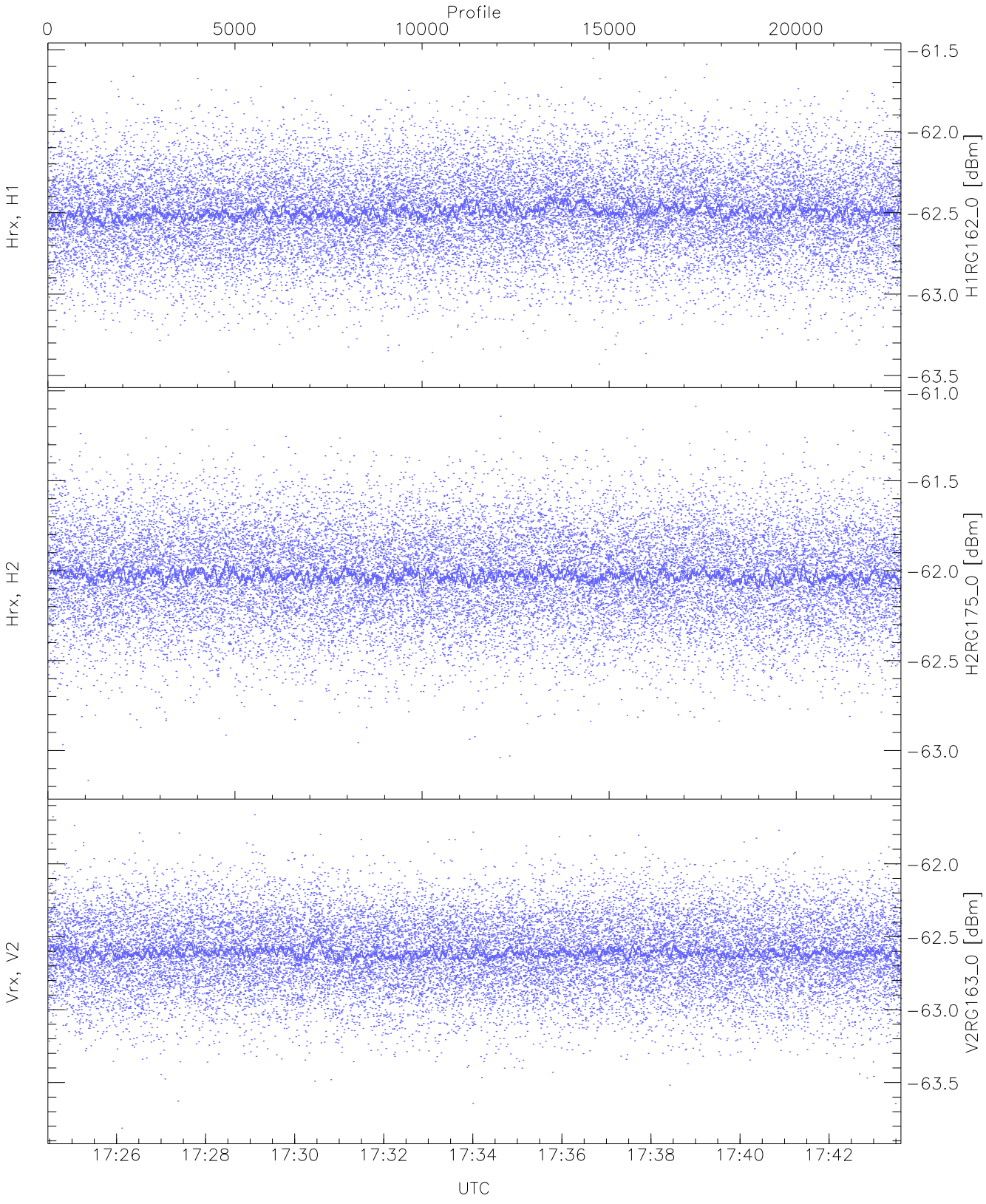
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.77	-60.74	-61.63	-61.64	-74.23
Hrx, H2(HL [dBm])	-62.71	-60.72	-61.64	-61.64	-74.19
Vrx, V2(HL [dBm])	-63.15	-61.25	-62.16	-62.16	-74.69



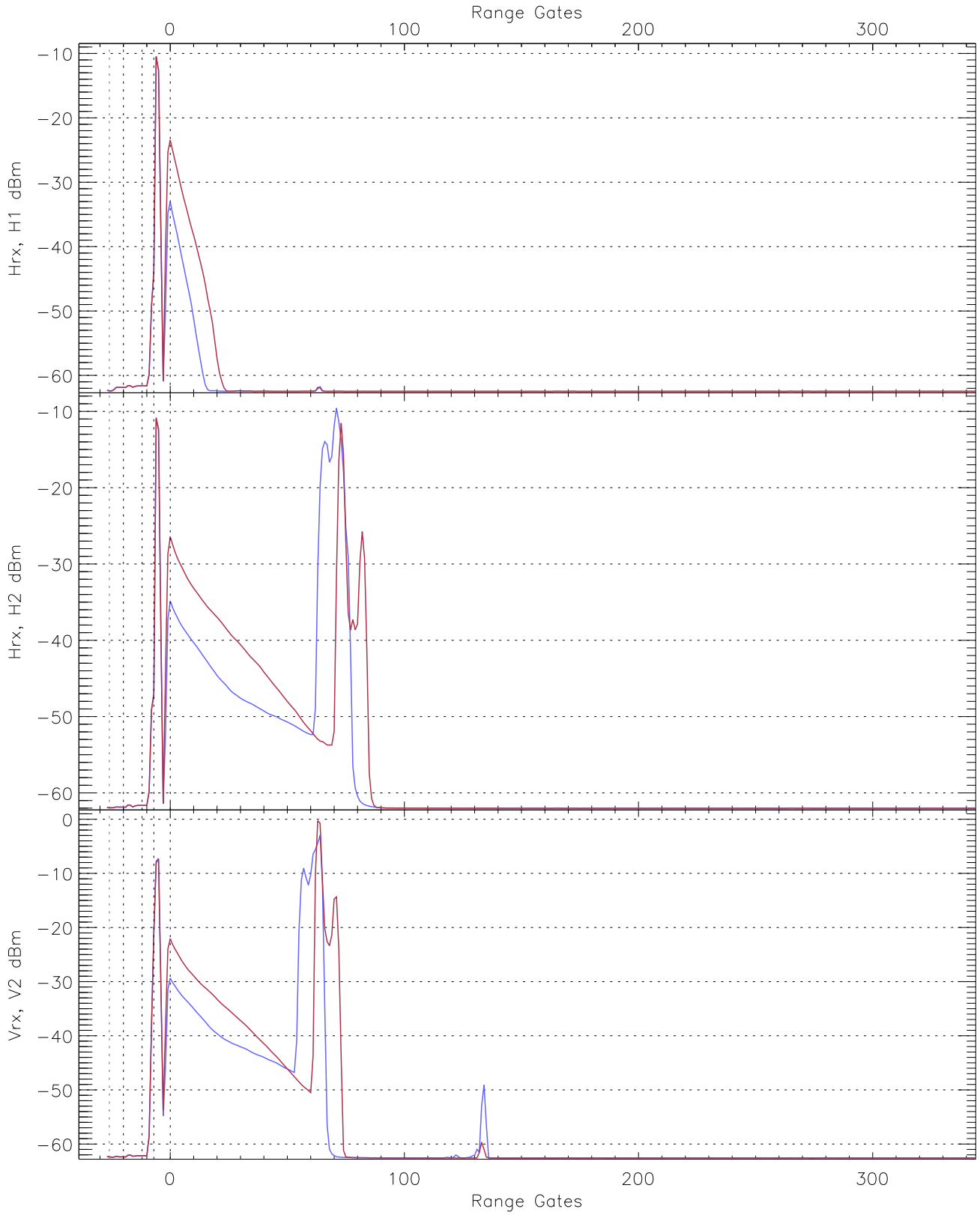
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.31	-61.50	-62.38	-62.38	-74.94
Hrx, H2(RM [dBm])	-62.90	-60.93	-61.92	-61.93	-74.47
Vrx, V2(RM [dBm])	-63.34	-61.42	-62.34	-62.34	-74.90

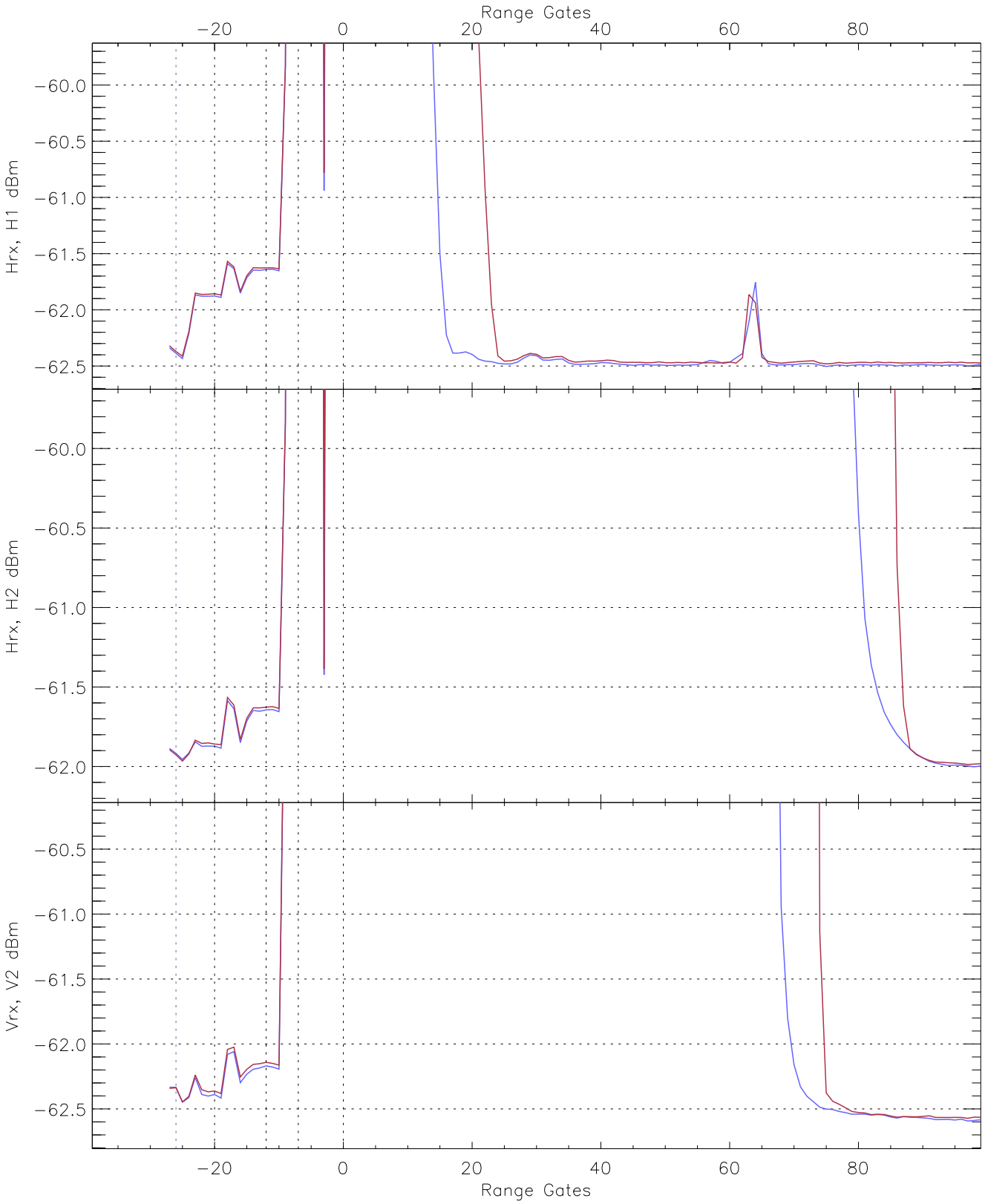


WCR2 CPP "Best" estimate Receivers Noise Power

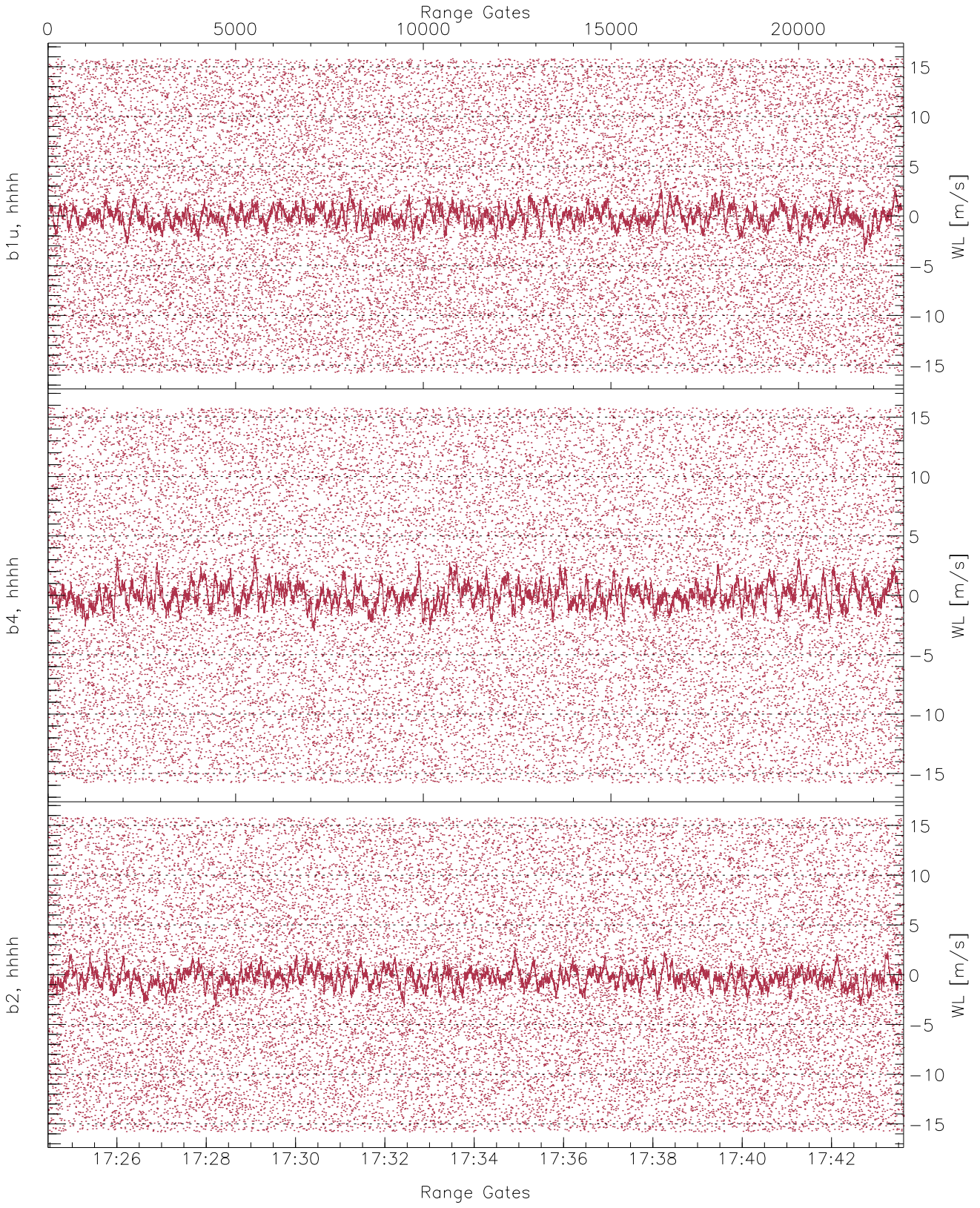
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.48	-61.55	-62.49	-62.50	-75.01
H2RG175_0 [dBm]	-63.17	-61.09	-62.02	-62.03	-74.57
V2RG163_0 [dBm]	-63.81	-61.66	-62.61	-62.61	-75.15



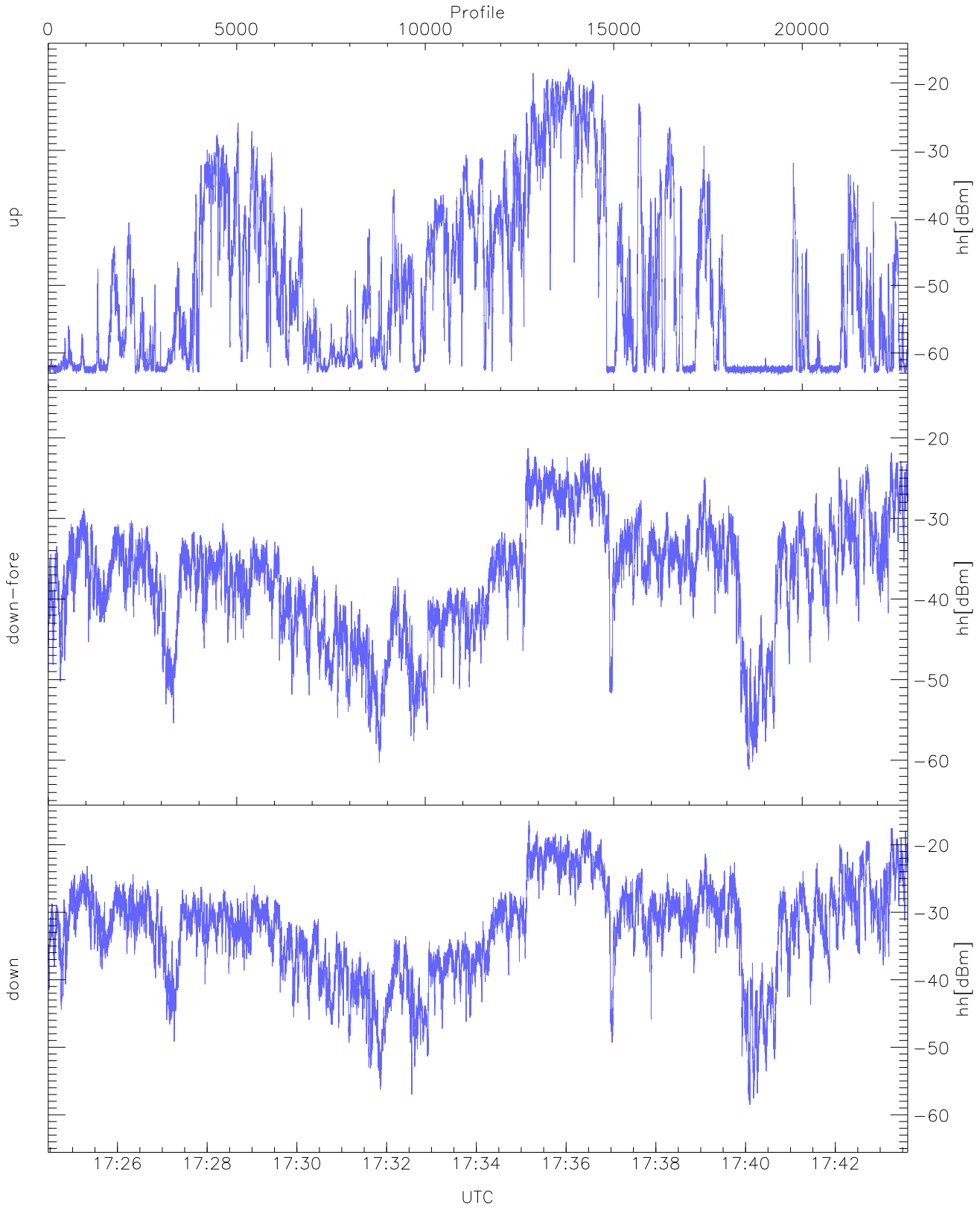
WCR2 CPP Averaged Received power for all recorded gates
blue: 172427-173402, 11401 profiles averaged
red: 173402-174337, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 172427-173402, 11401 profiles averaged
red: 173402-174337, 11400 profiles averaged

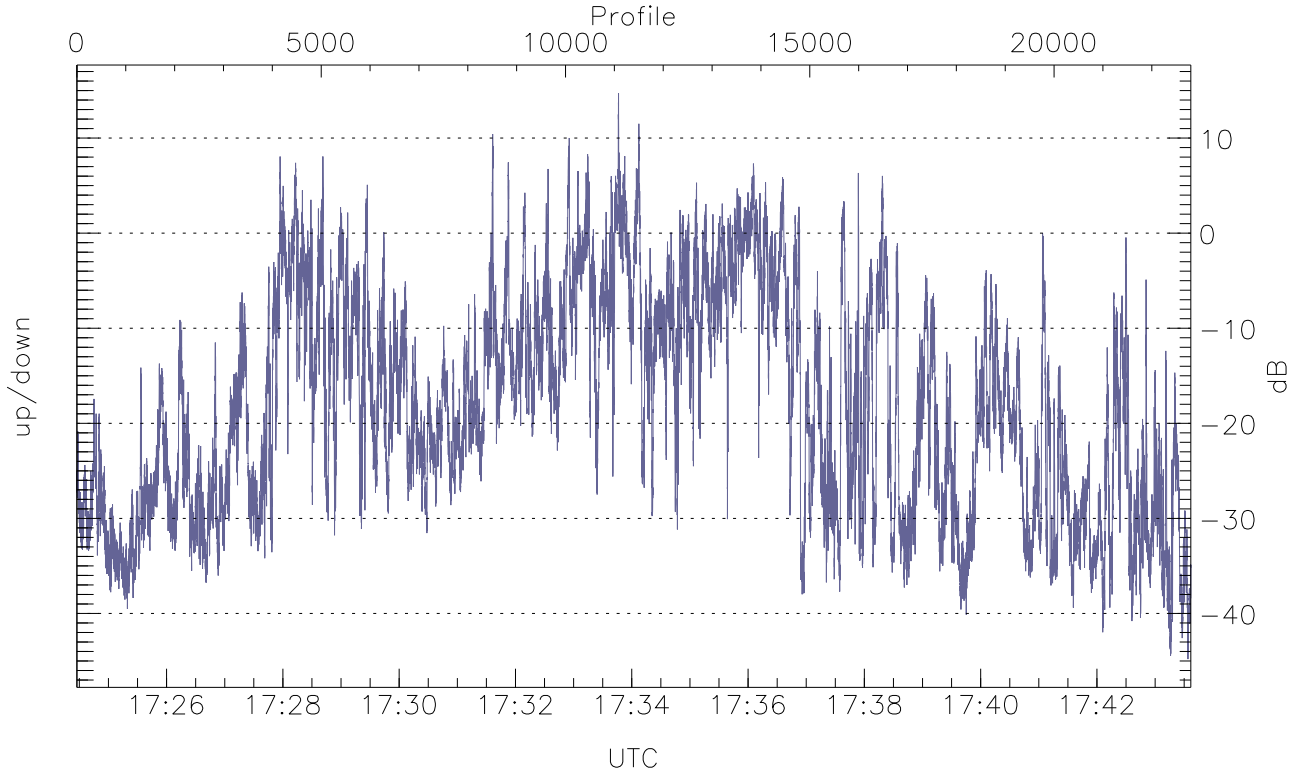


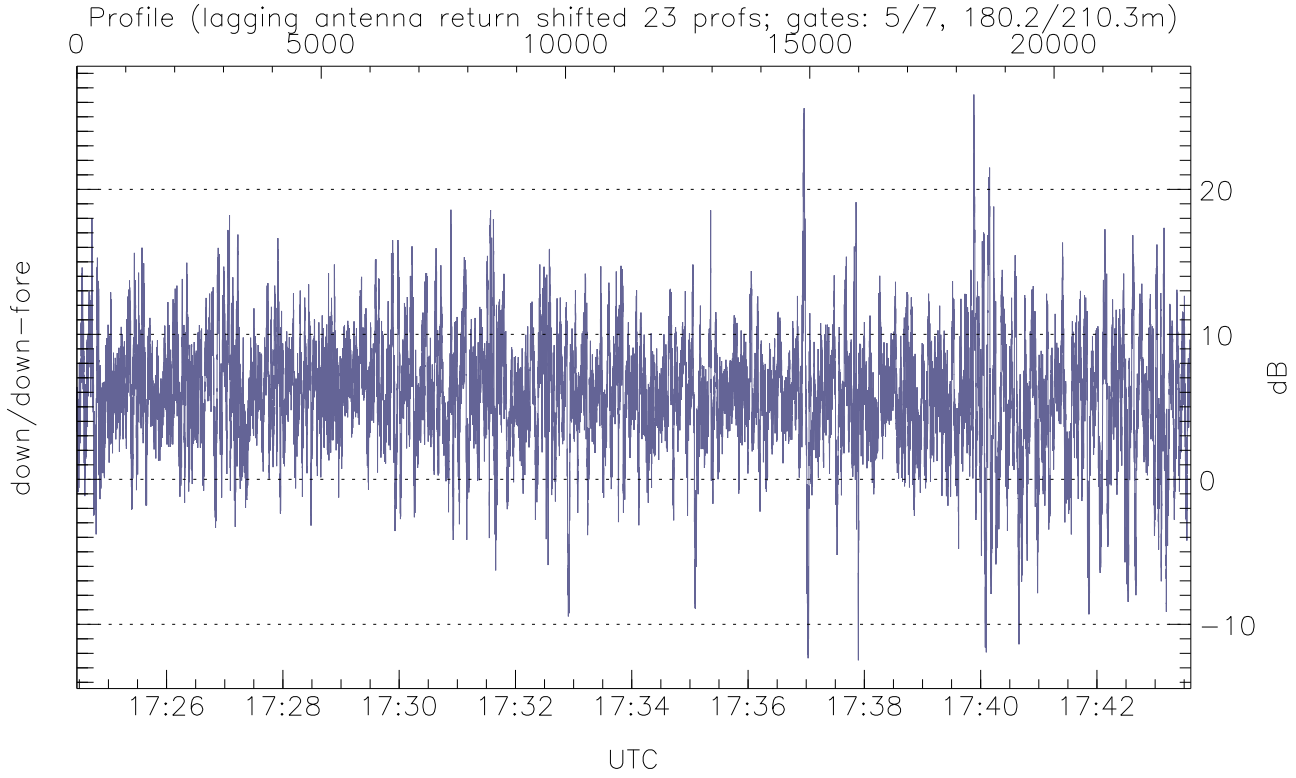
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

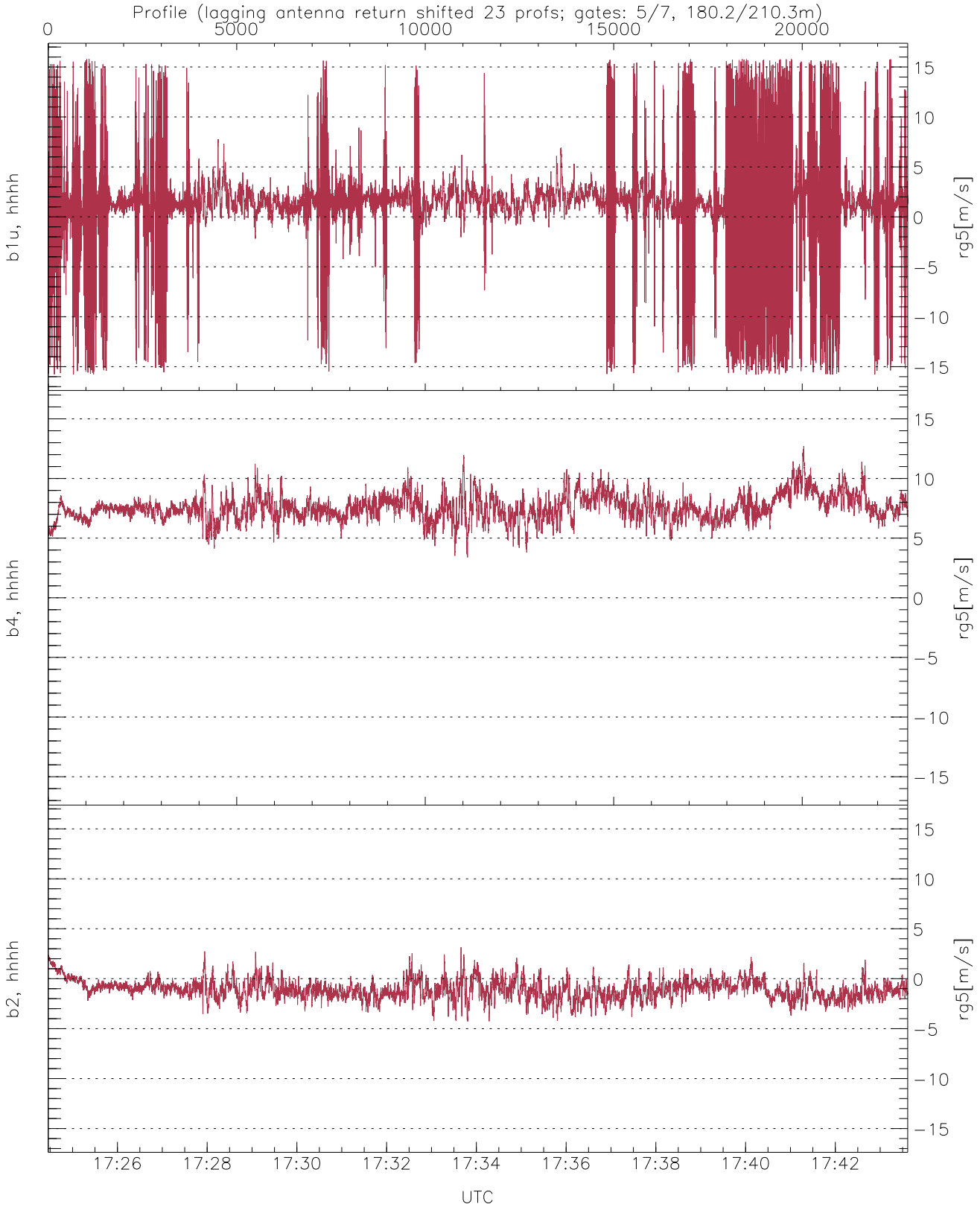
	Min	Max	Mean
up(hh[dBm])	-63.23	-17.94	-33.97
down-fore(hh[dBm])	-61.18	-21.28	-32.77
down(hh[dBm])	-58.53	-16.47	-28.29





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

	Min	Max	Mean
up/down(dB)	-44.80	14.71	-18.02
down/down-fore(dB)	-12.48	26.54	5.83



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	1.15	4.12
b4, hhhh(rg5[m/s])	3.39	12.71	7.56	1.06
b2, hhhh(rg5[m/s])	-4.27	3.15	-1.06	0.95