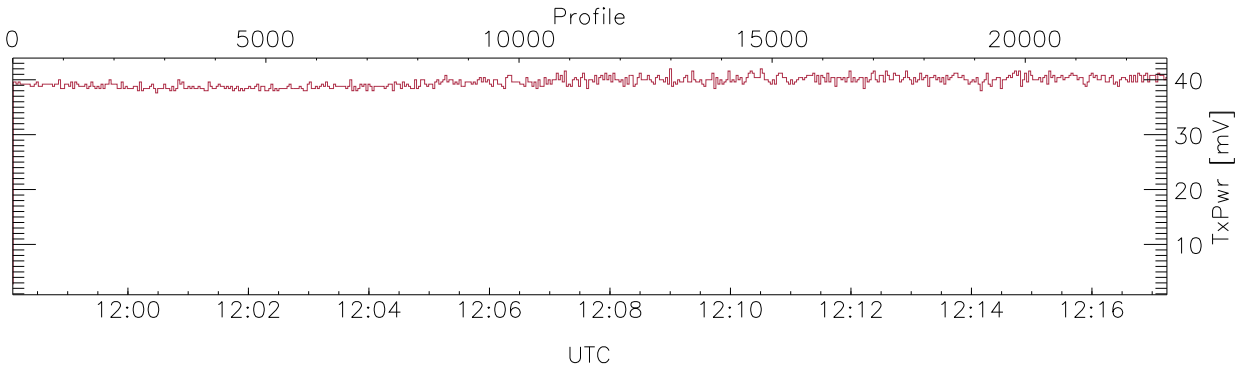
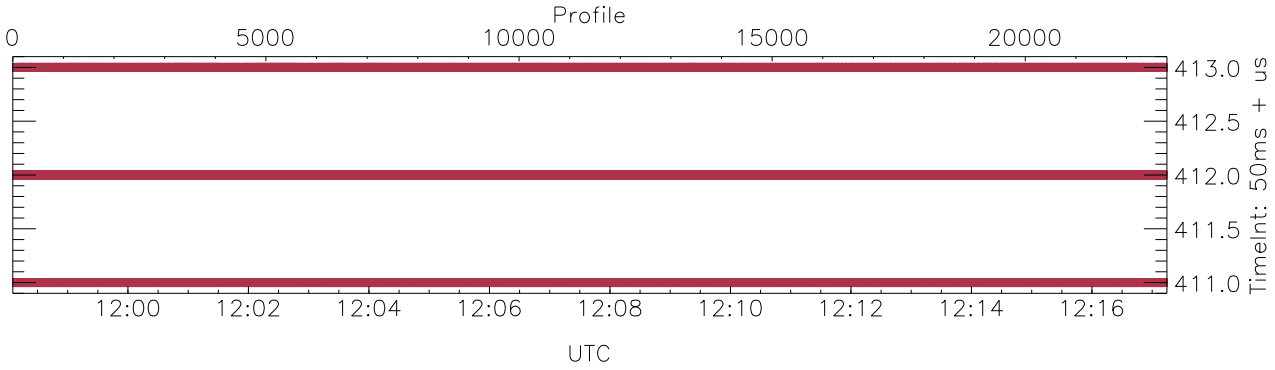
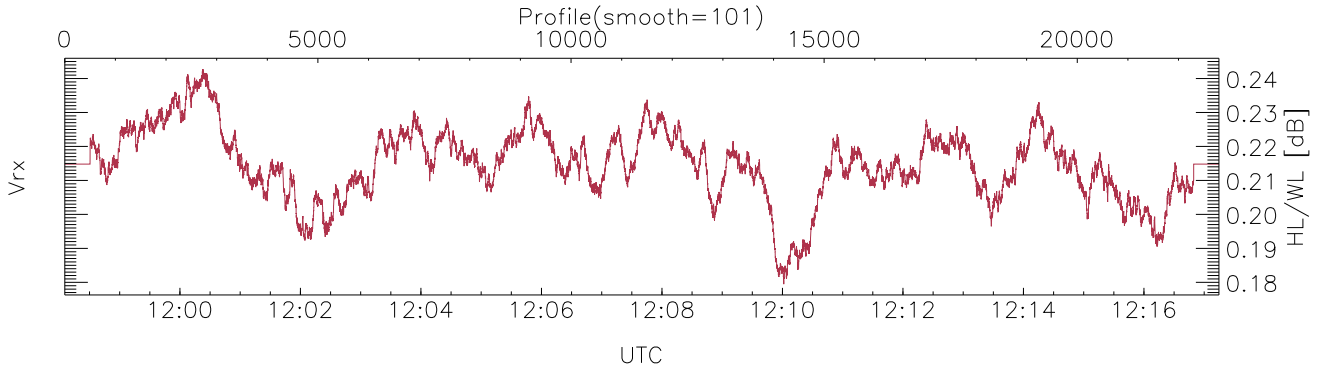
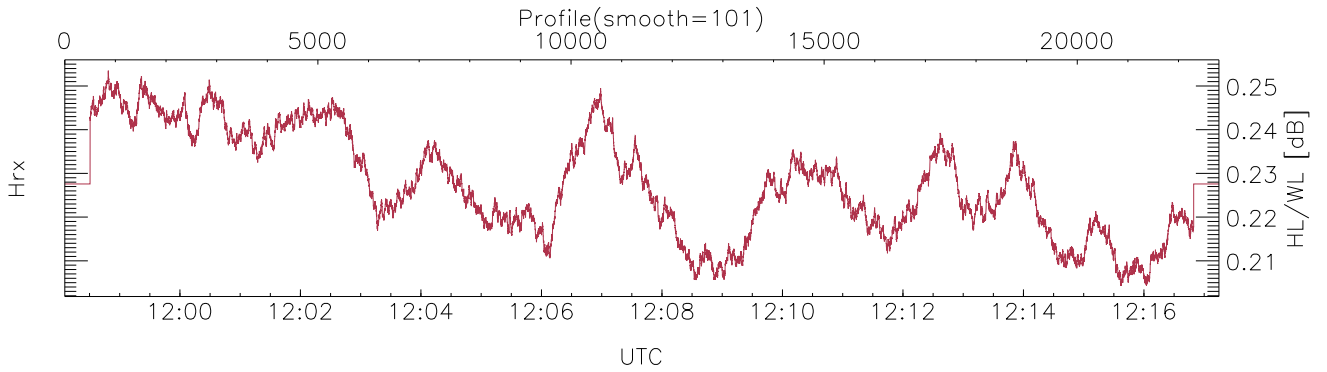


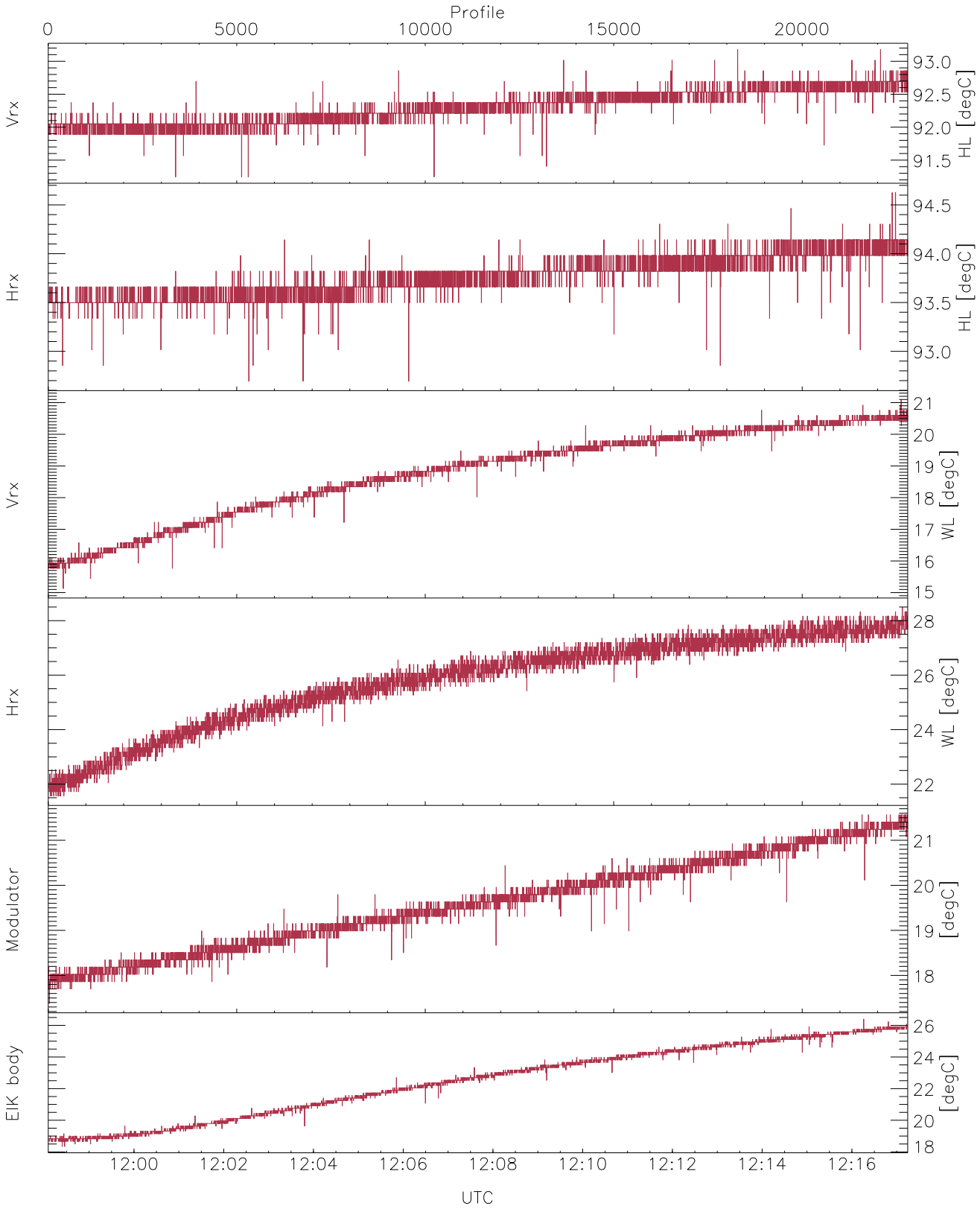






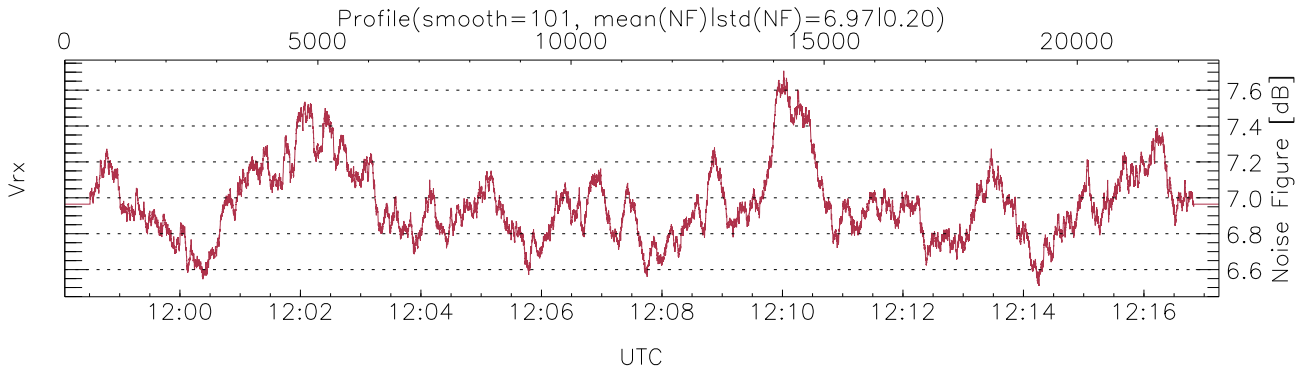
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

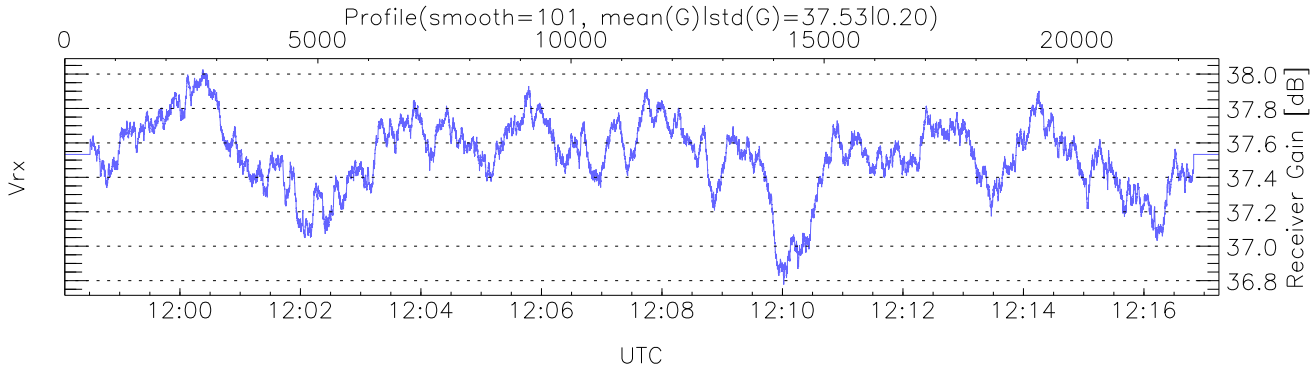
UTC: 11:58:05-12:23:43, Dur: 1537.18s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/30493, 0-22799/11:58:05-12:17:15
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

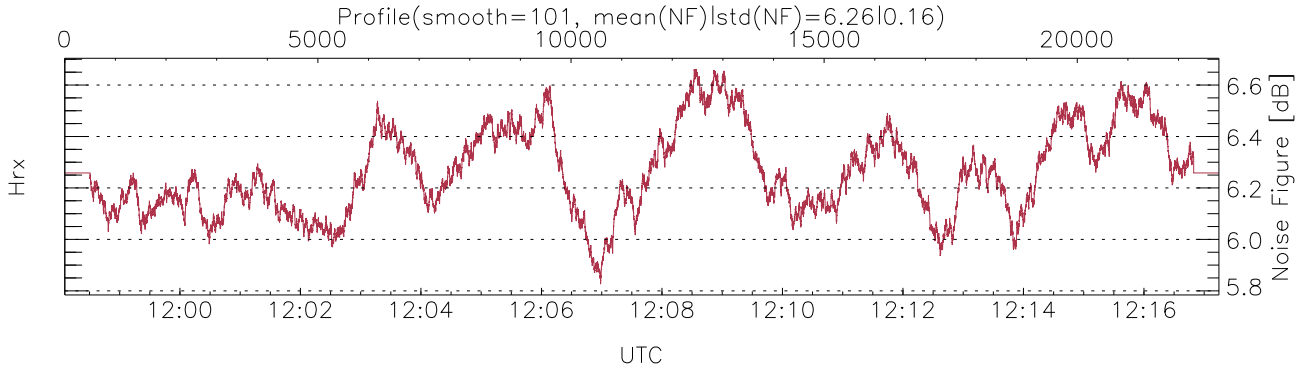


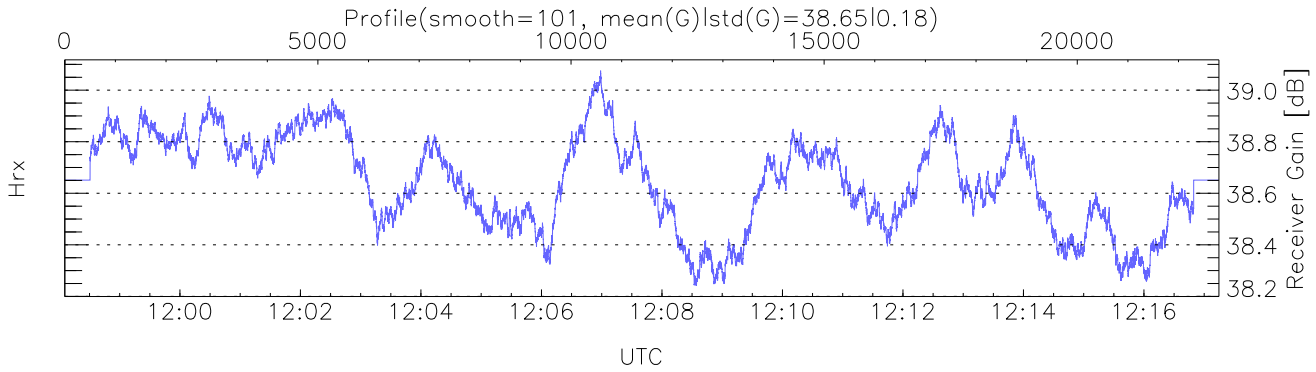
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,21,17,18
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,21,26
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)



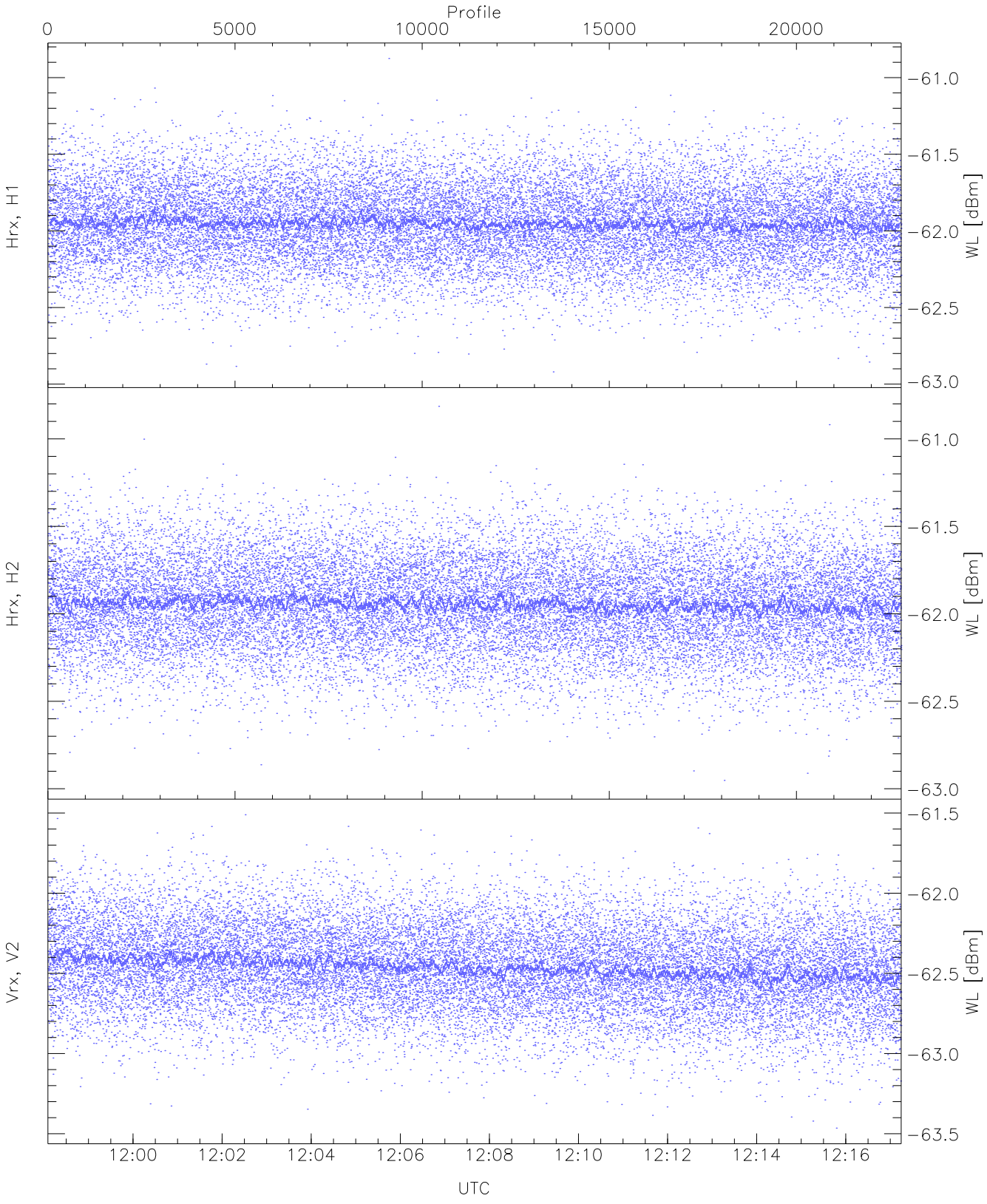






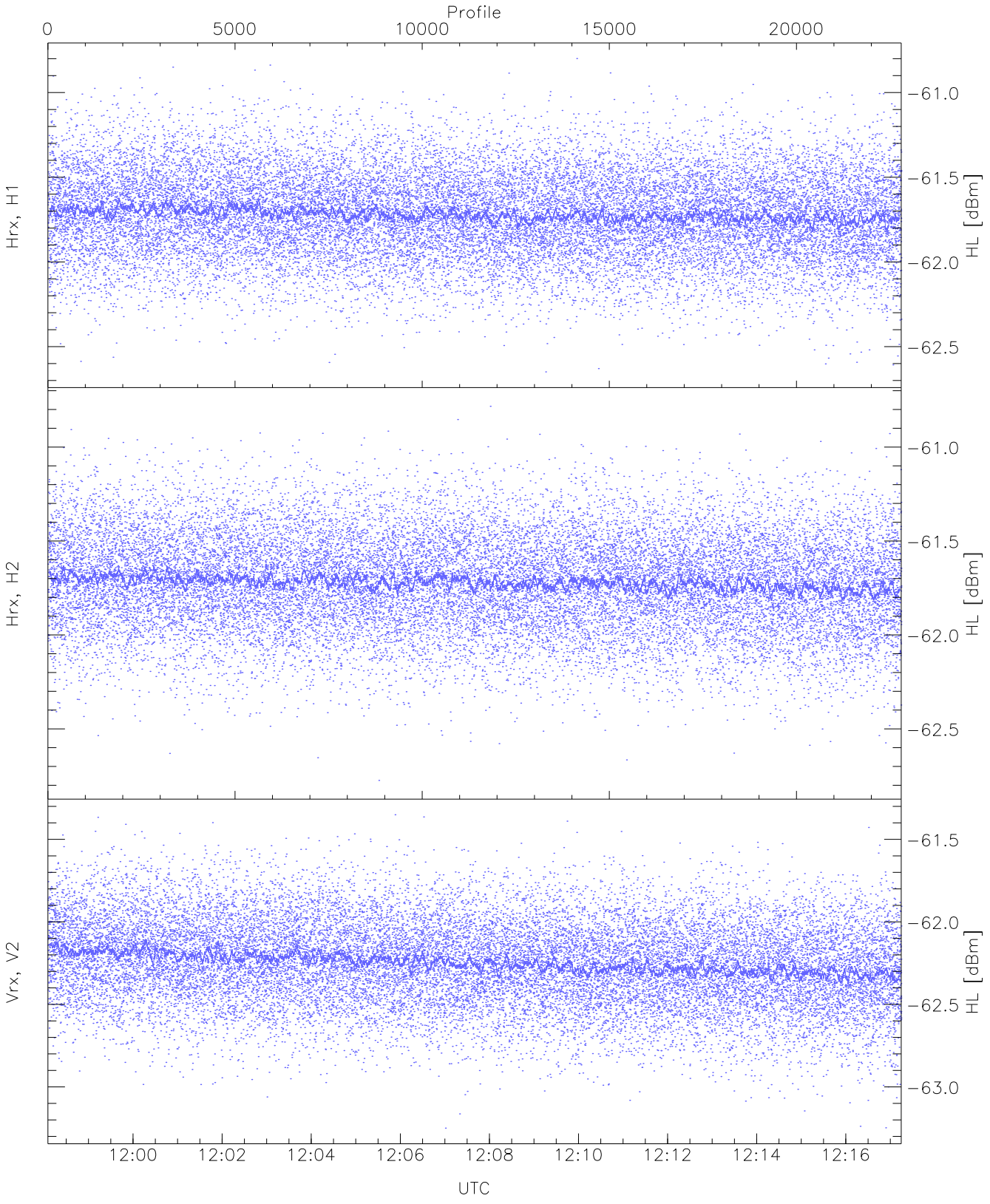
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 19383 pixs, 26 gates, 17580 profs, 2 prods



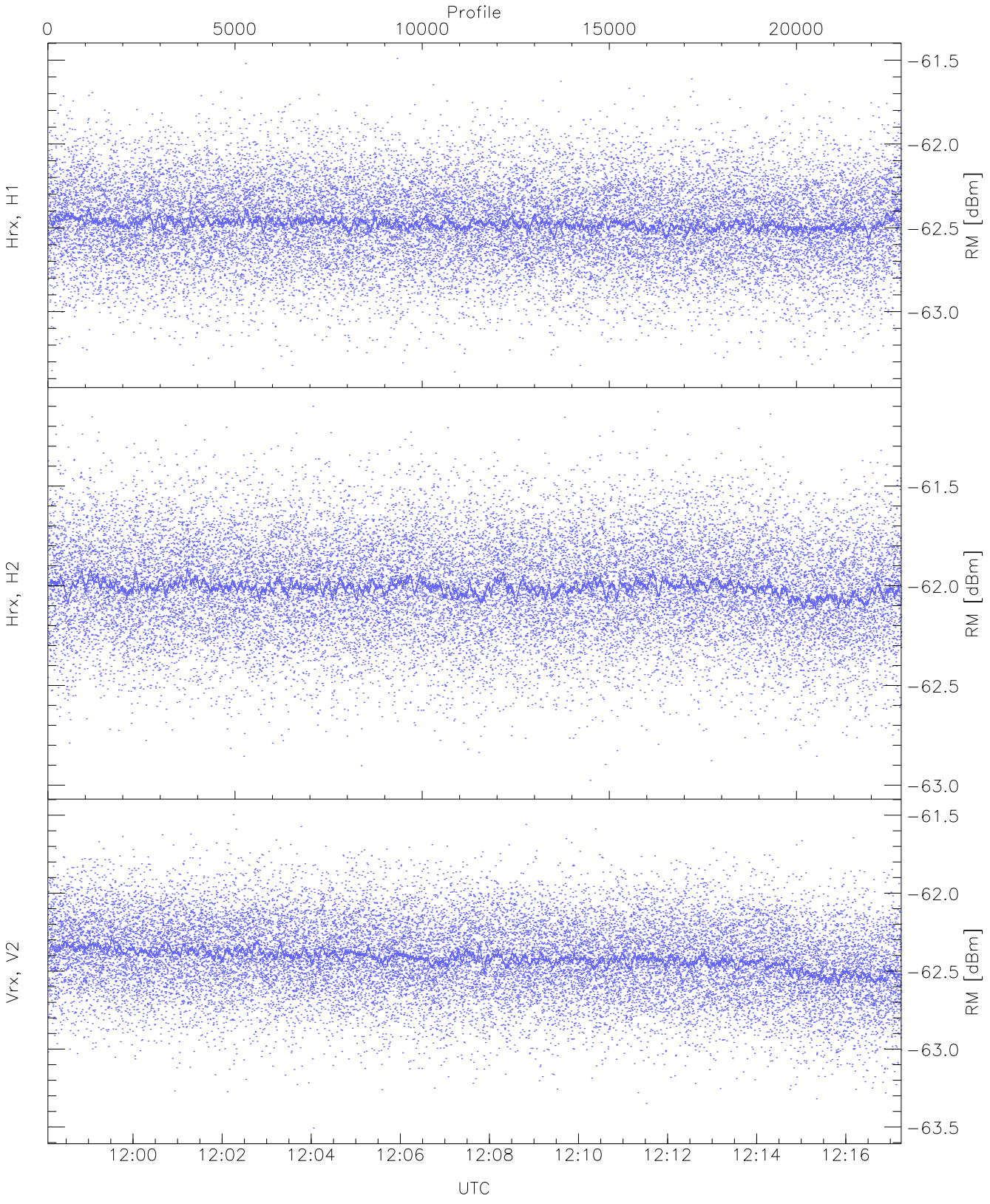
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.92	-60.88	-61.95	-61.95	-74.52
Hrx, H2(WL [dBm])	-62.95	-60.81	-61.94	-61.95	-74.50
Vrx, V2(WL [dBm])	-63.47	-61.51	-62.46	-62.46	-74.97



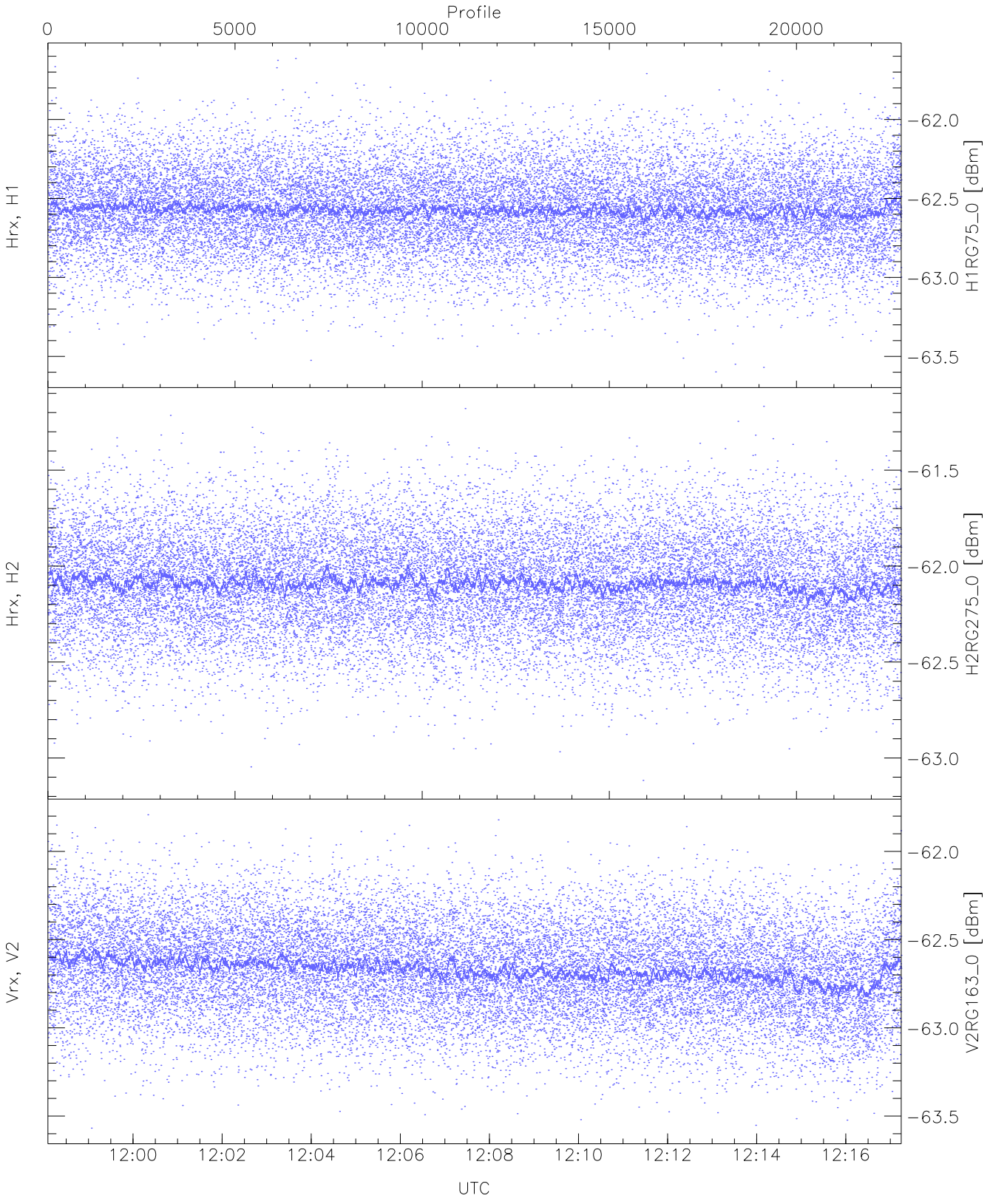
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.65	-60.80	-61.72	-61.72	-74.28
Hrx, H2(HL [dBm])	-62.77	-60.78	-61.72	-61.72	-74.25
Vrx, V2(HL [dBm])	-63.25	-61.35	-62.24	-62.25	-74.71



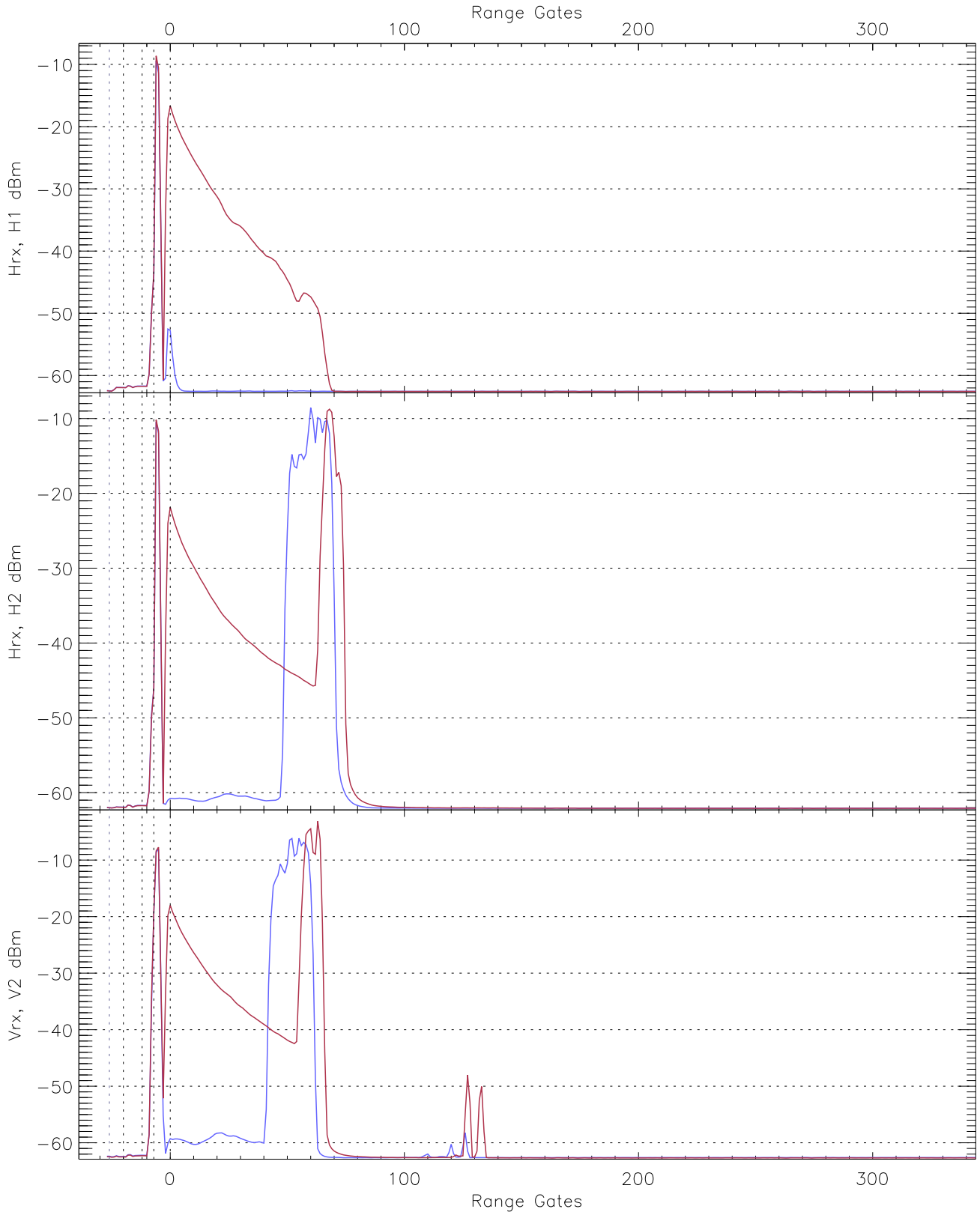
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.36	-61.49	-62.47	-62.48	-75.02
Hrx, H2(RM [dBm])	-62.98	-61.10	-62.01	-62.01	-74.56
Vrx, V2(RM [dBm])	-63.51	-61.50	-62.41	-62.42	-74.90

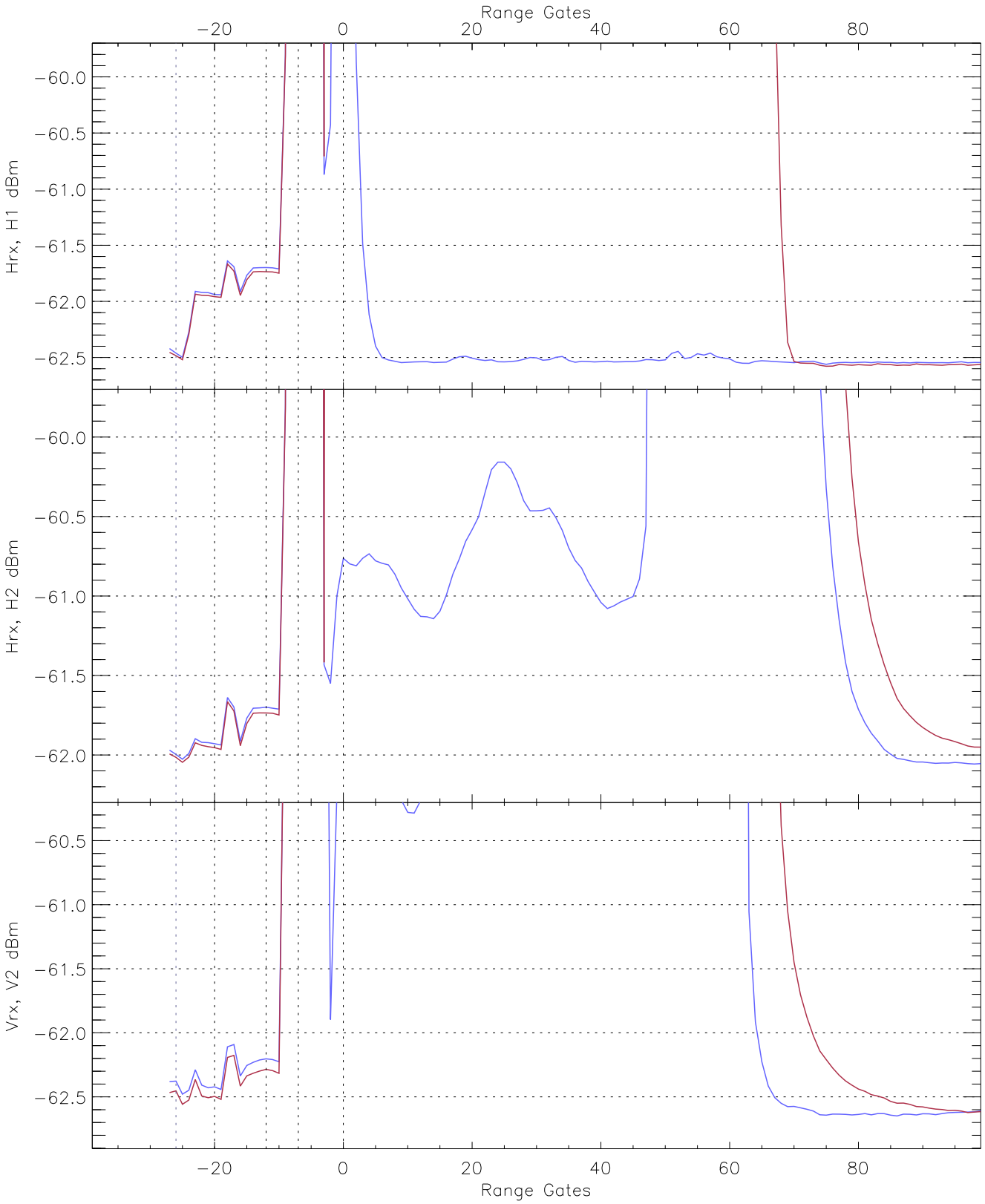


WCR2 CPP "Best" estimate Receivers Noise Power

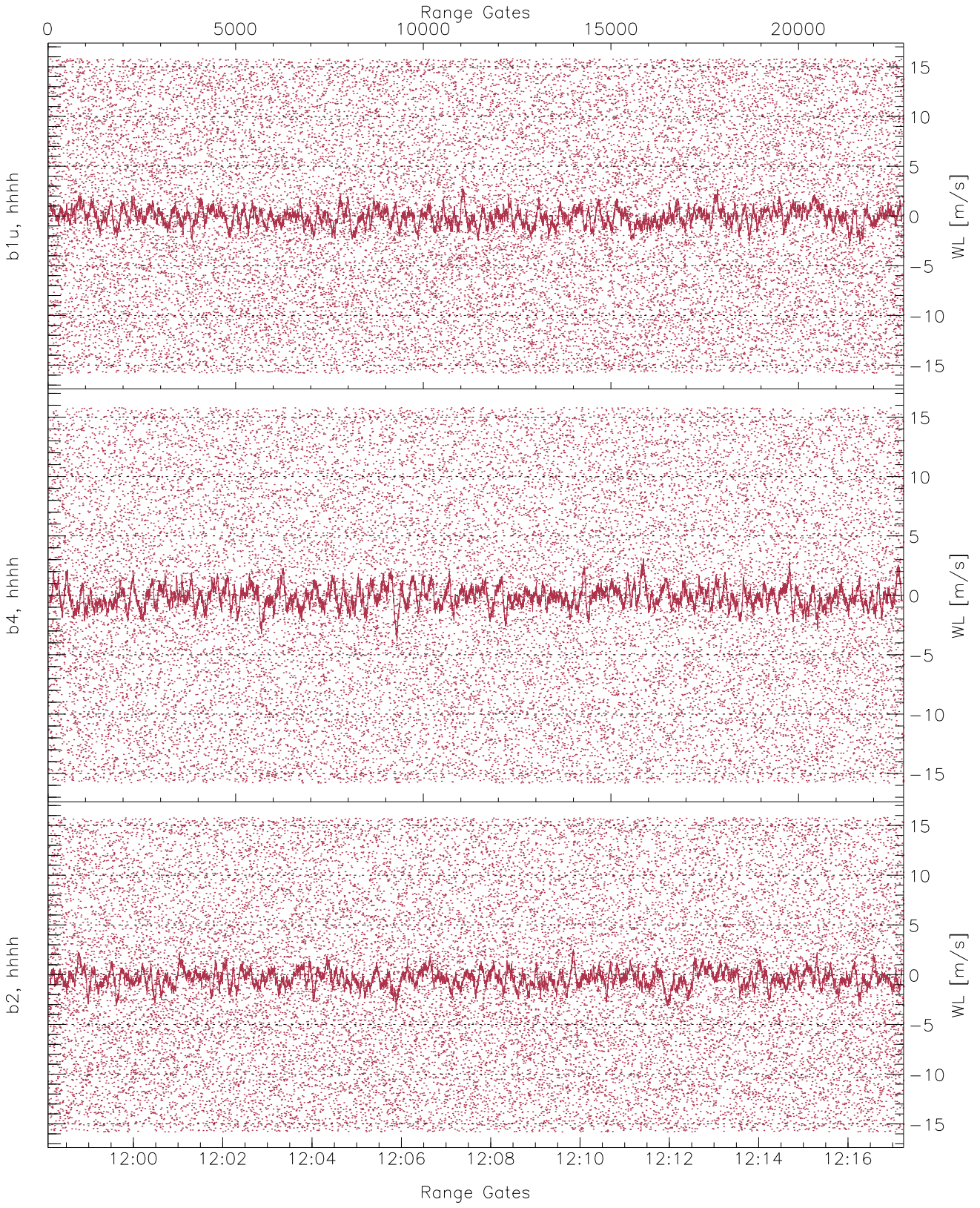
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.60	-61.61	-62.57	-62.57	-75.08
H2RG275_0 [dBm]	-63.12	-61.17	-62.09	-62.09	-74.65
V2RG163_0 [dBm]	-63.57	-61.79	-62.67	-62.67	-75.18



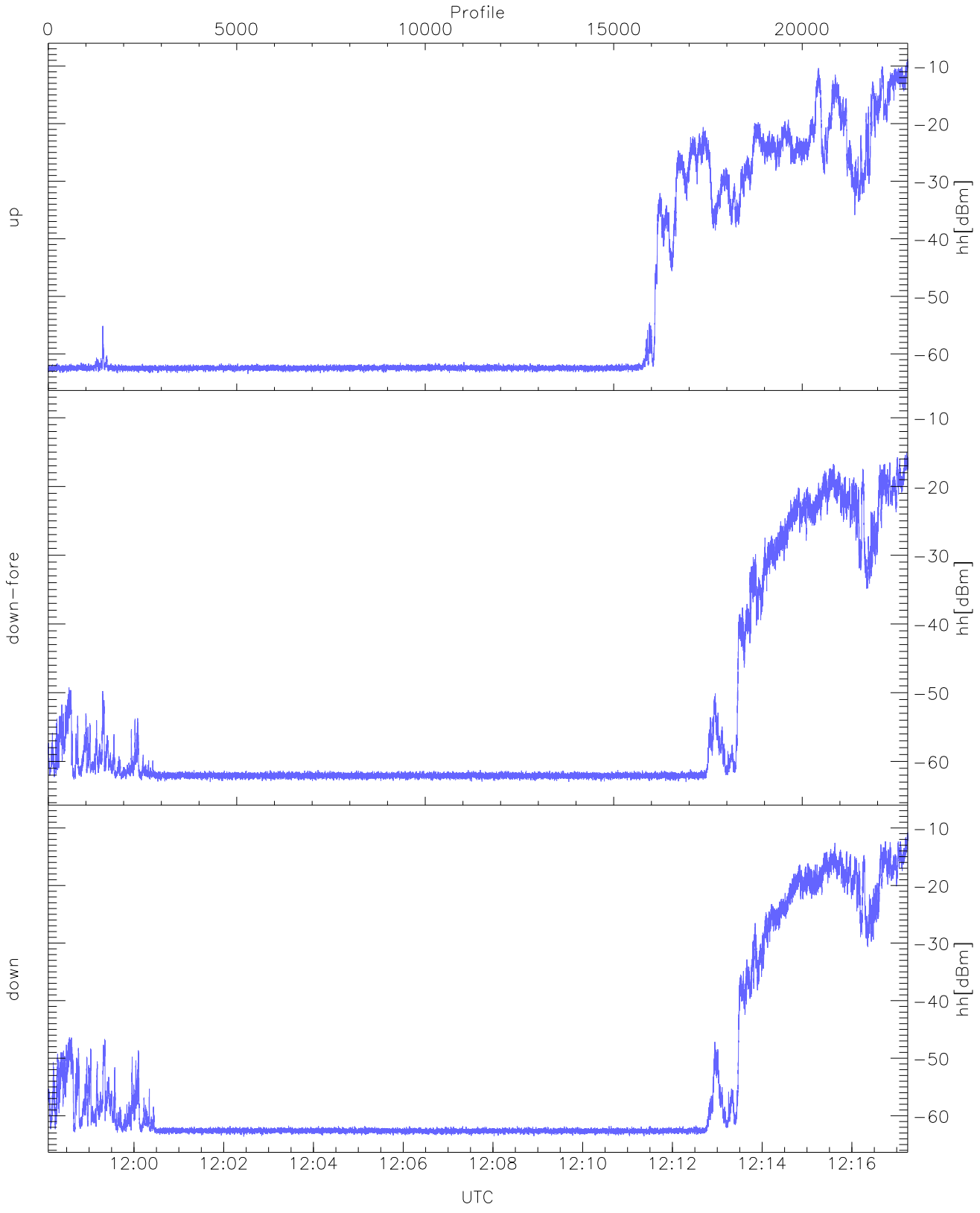
WCR2 CPP Averaged Received power for all recorded gates
blue: 115805-120740, 11401 profiles averaged
red: 120740-121715, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 115805-120740, 11401 profiles averaged
red: 120740-121715, 11400 profiles averaged

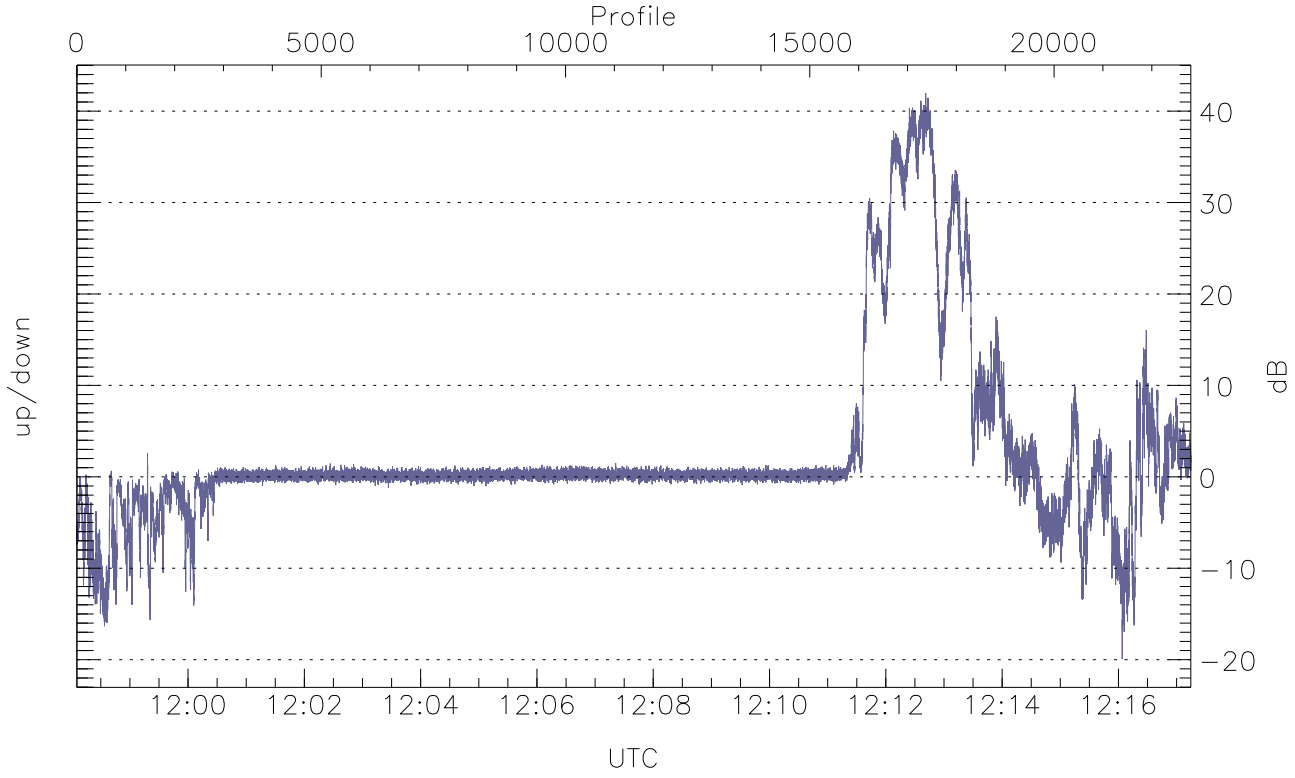


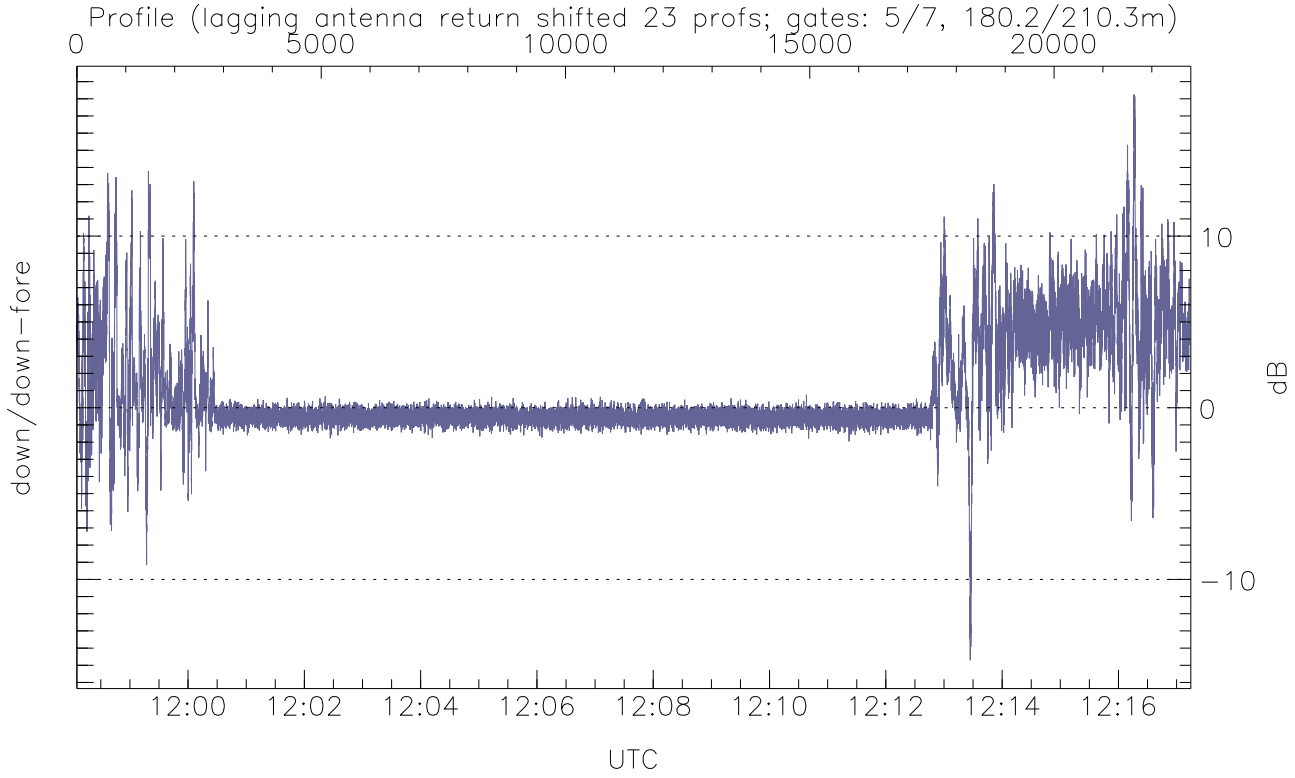
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

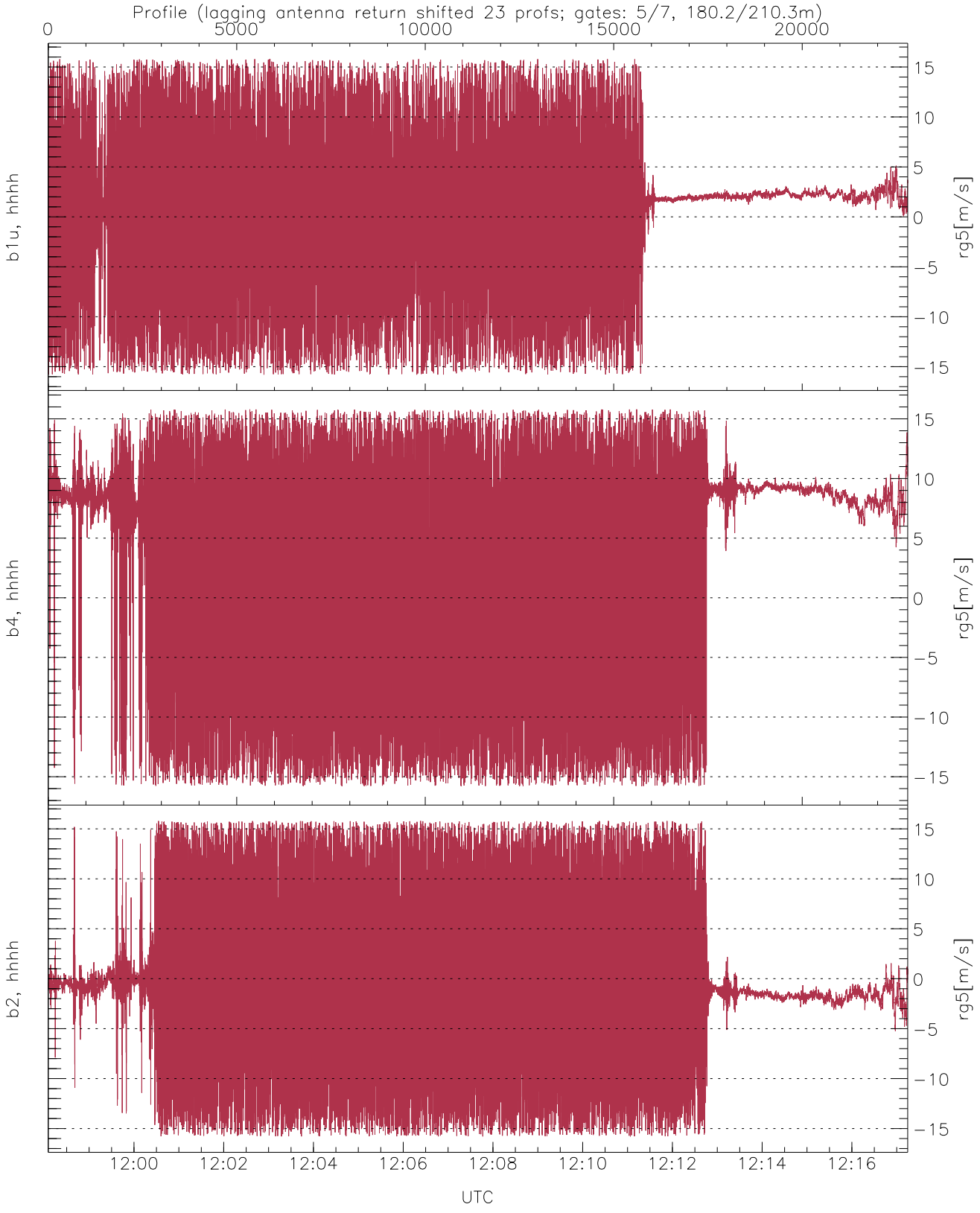
	Min	Max	Mean
up(hh[dBm])	-63.48	-8.77	-24.73
down-fore(hh[dBm])	-62.99	-15.06	-29.64
down(hh[dBm])	-63.61	-10.83	-25.89





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

	Min	Max	Mean
up/down(dB)	-19.93	41.95	2.49
down/down-fore(dB)	-14.71	18.25	0.88



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.53	6.44
b4, hhhh(rg5[m/s])	-15.79	15.80	2.87	8.46
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.64	7.33