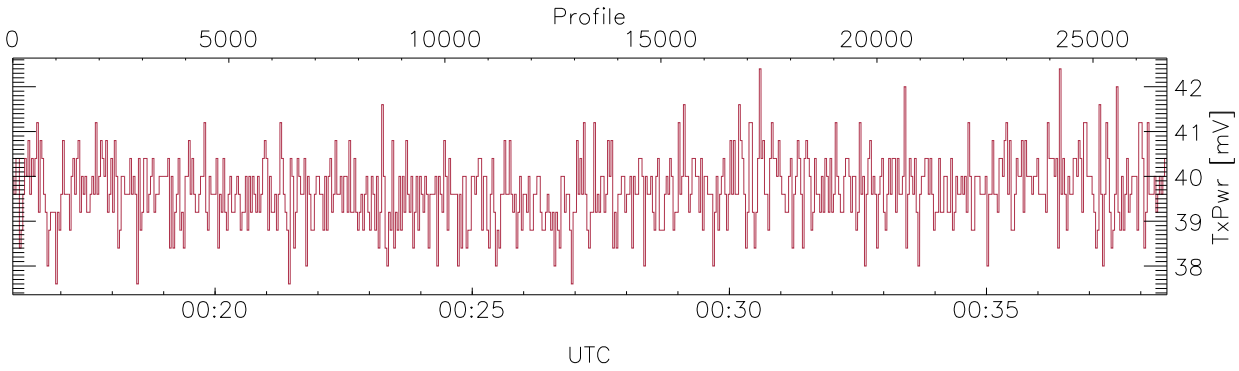
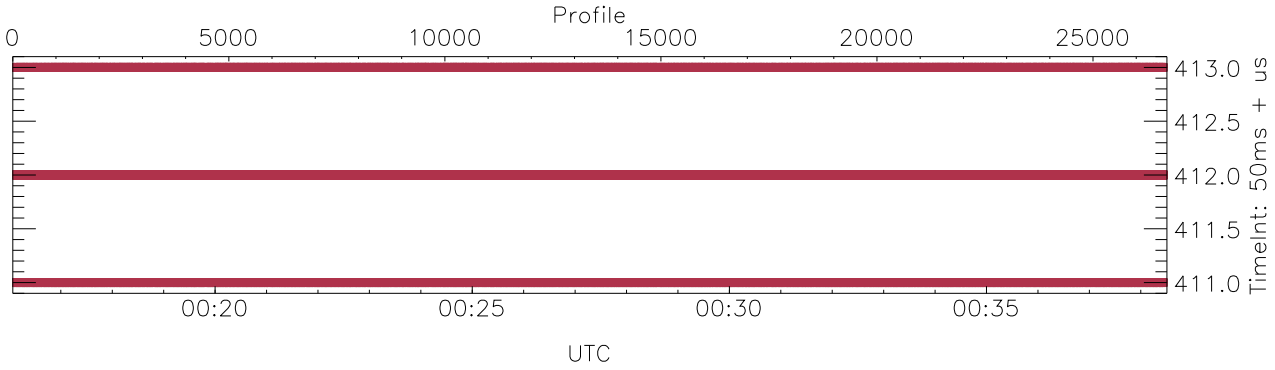
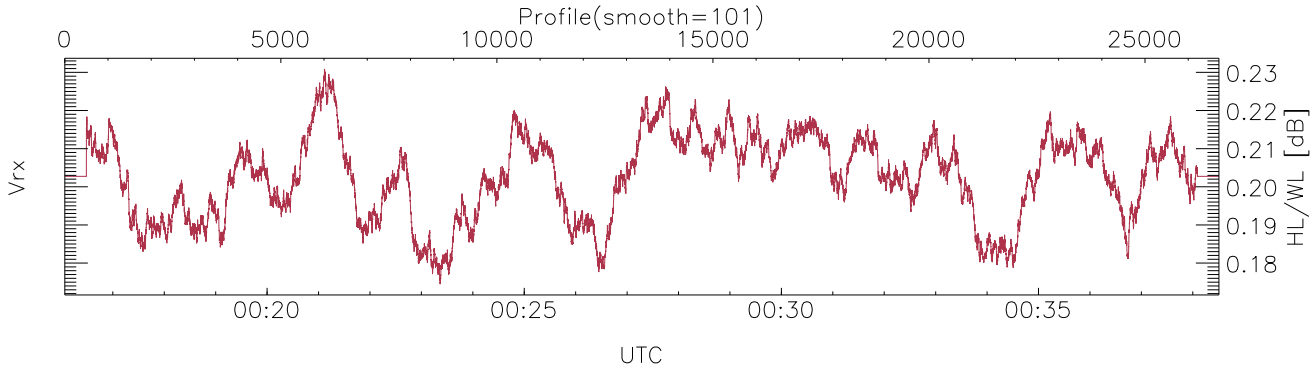
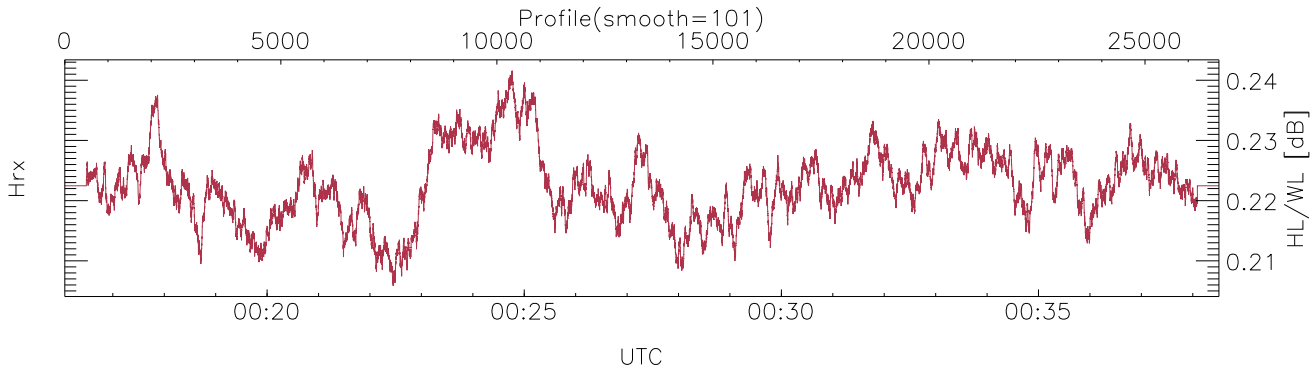


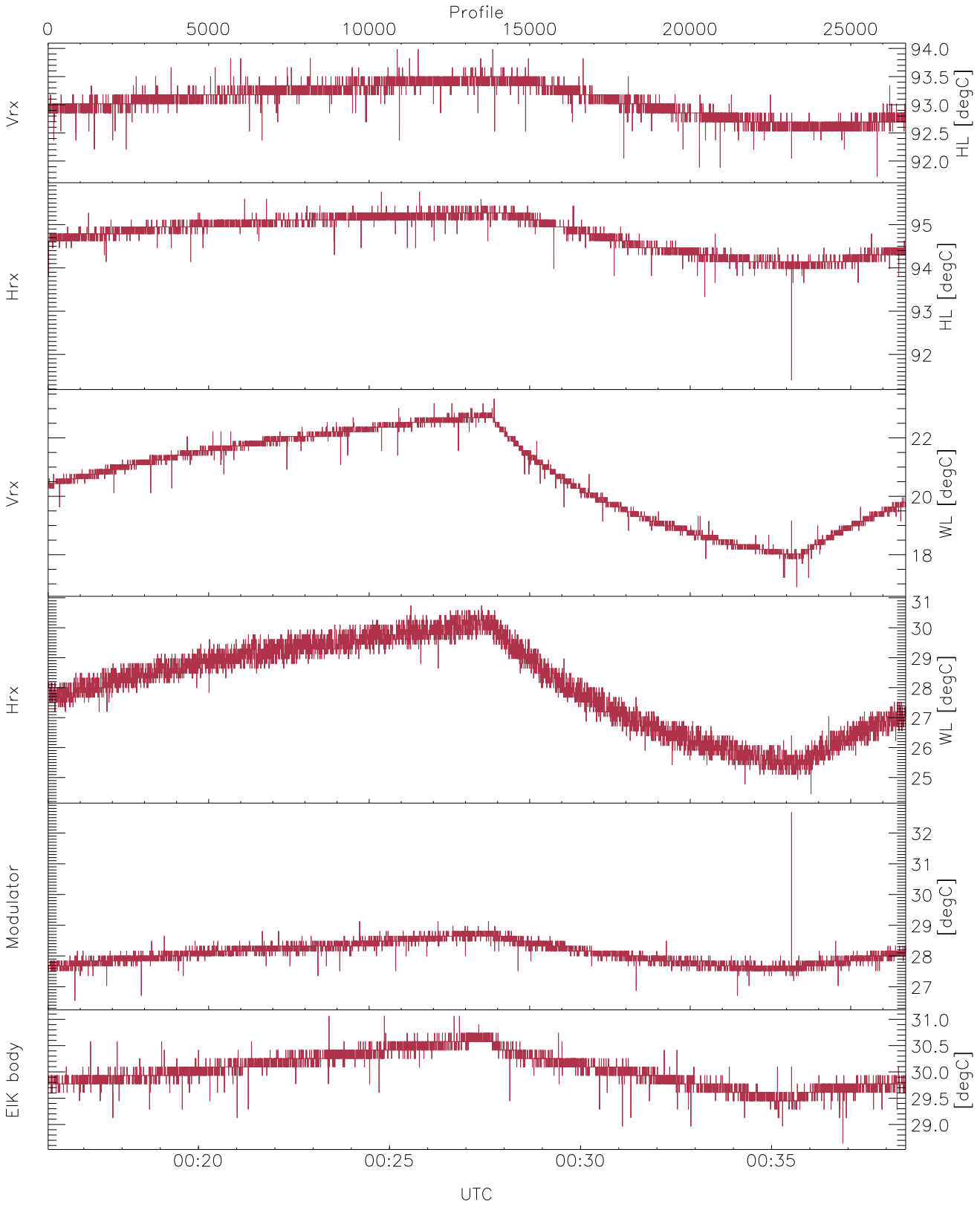






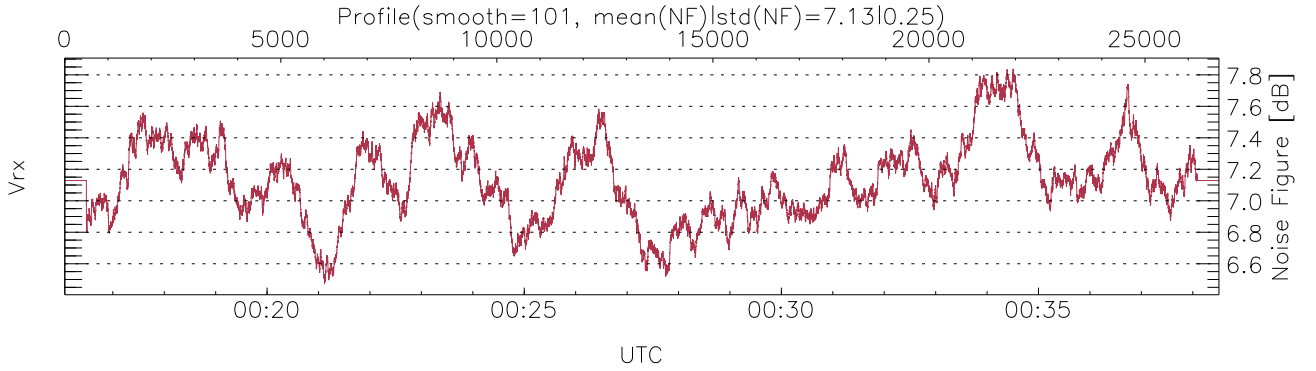
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

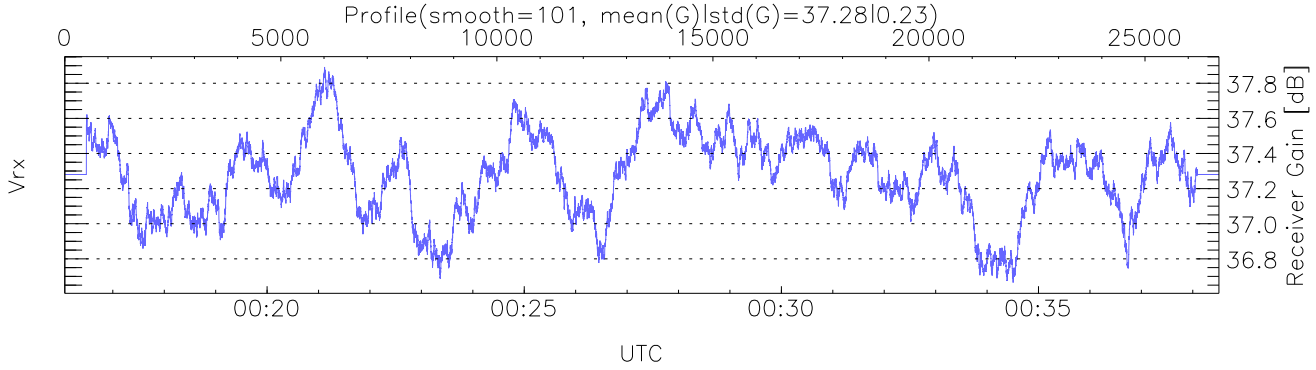
UTC: 00:16:04-00:38:31, Dur: 1346.57s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 26712/26712, 0-26711/00:16:04-00:38:31
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

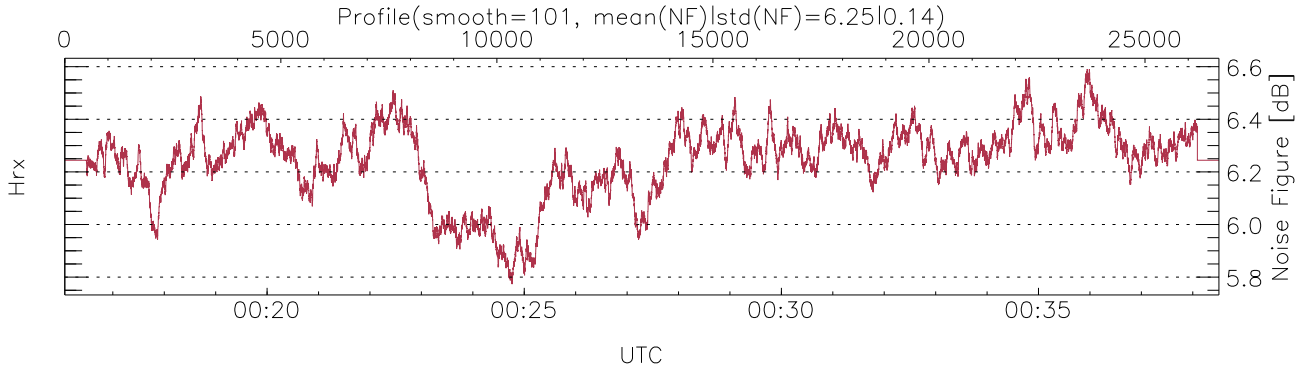


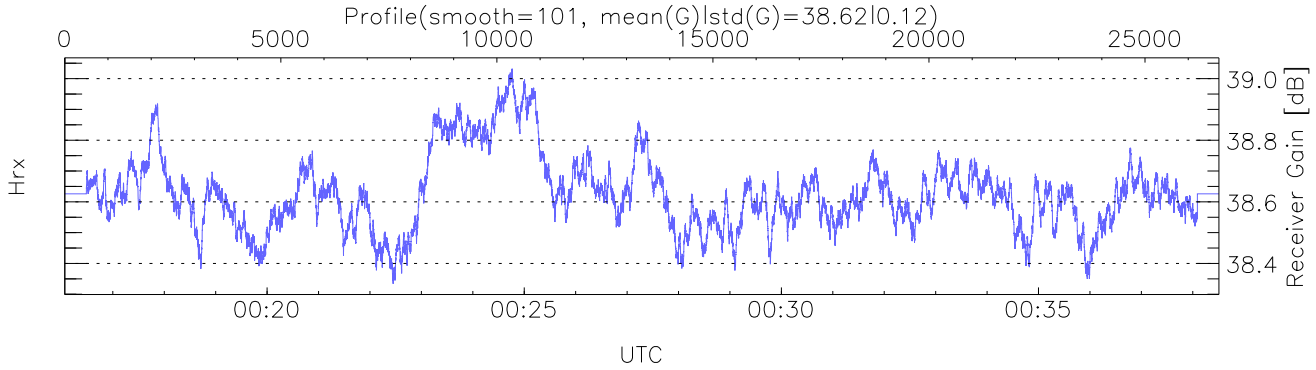
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,16,24,26,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,32,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (18,18,18,18,18,6)



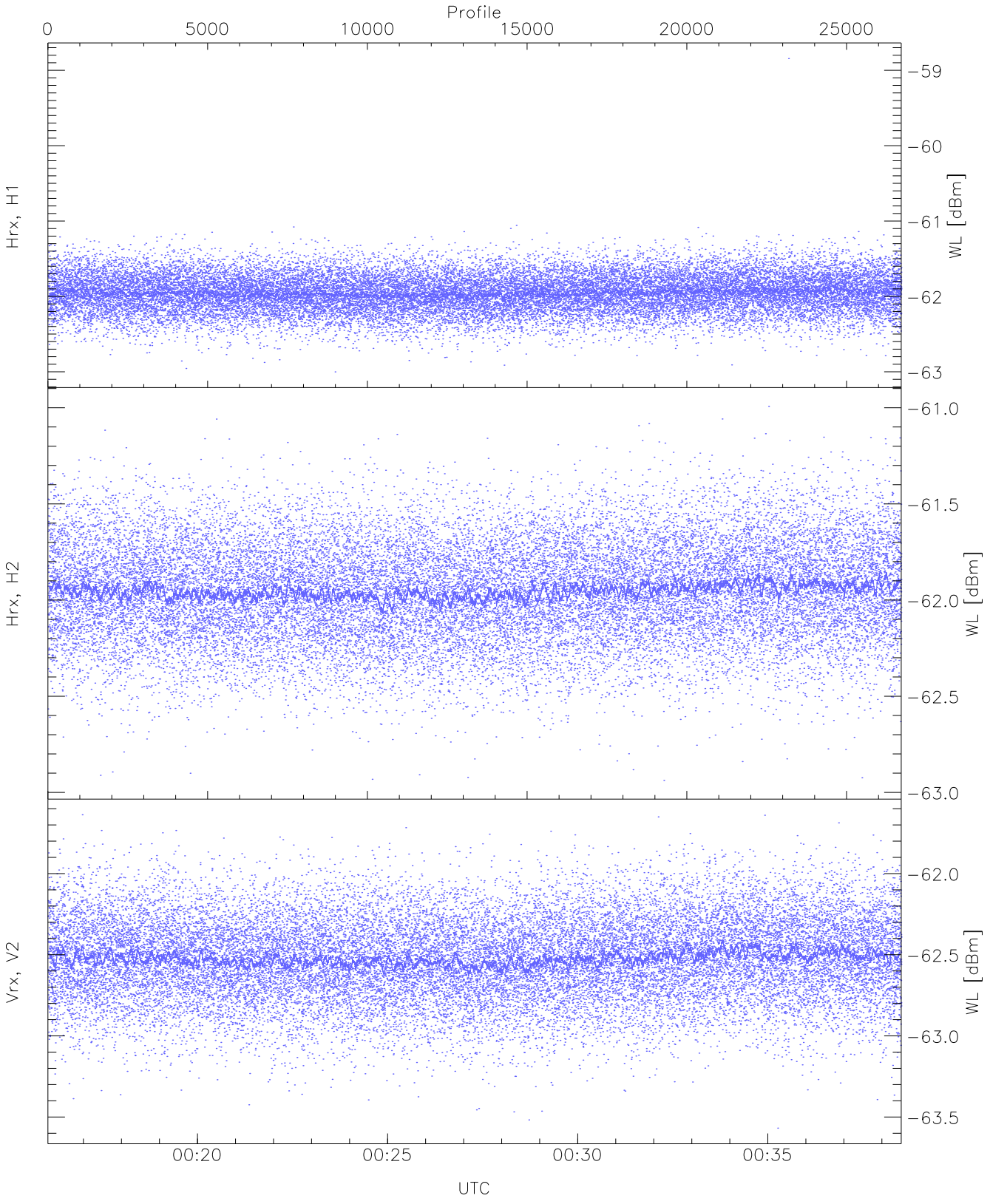






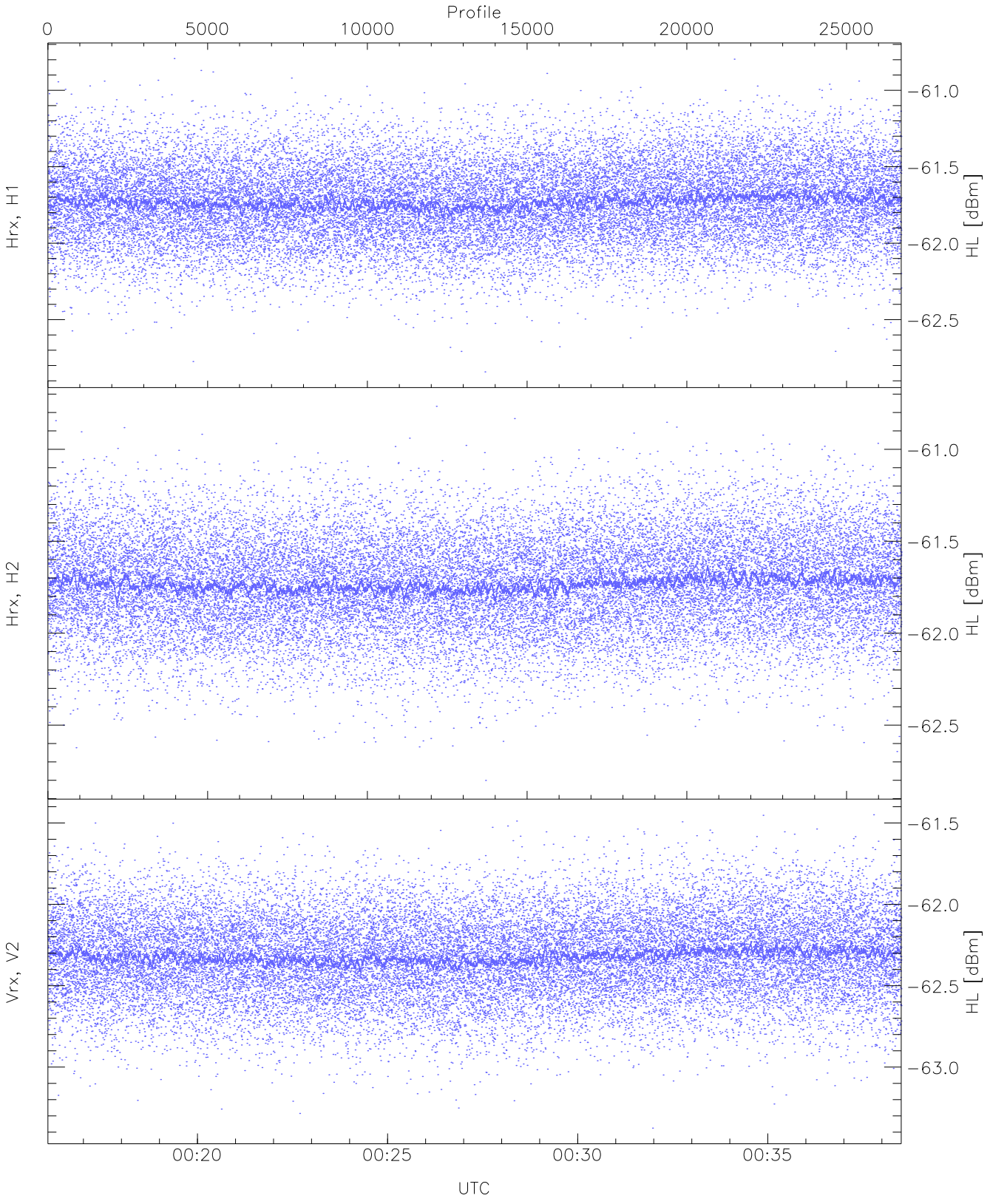
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 40 pixs, 6 gates, 40 profs, 1 prods



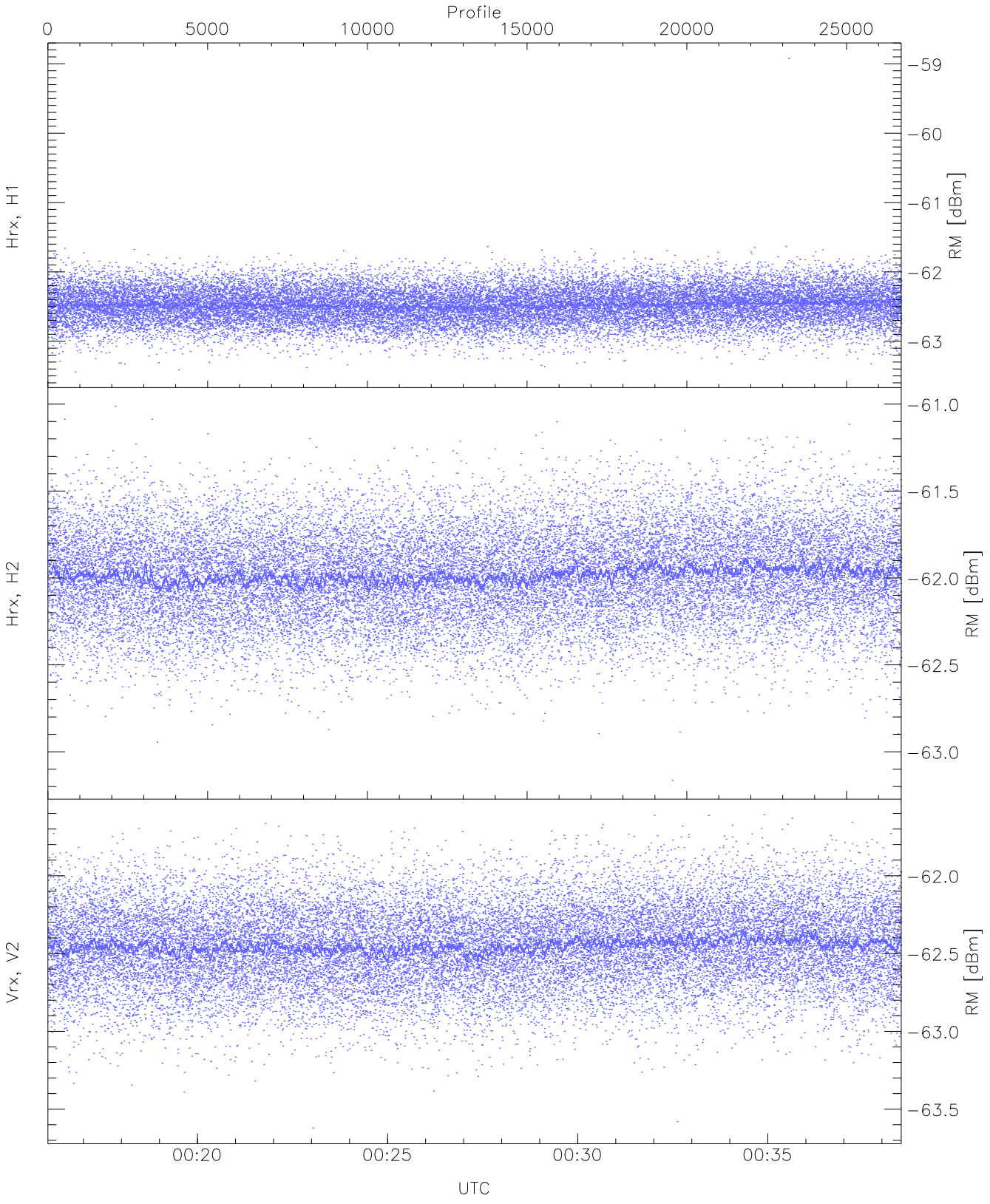
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.00	-58.84	-61.95	-61.96	-74.47
Hrx, H2(WL [dBm])	-62.94	-60.99	-61.95	-61.95	-74.48
Vrx, V2(WL [dBm])	-63.57	-61.64	-62.52	-62.52	-75.04



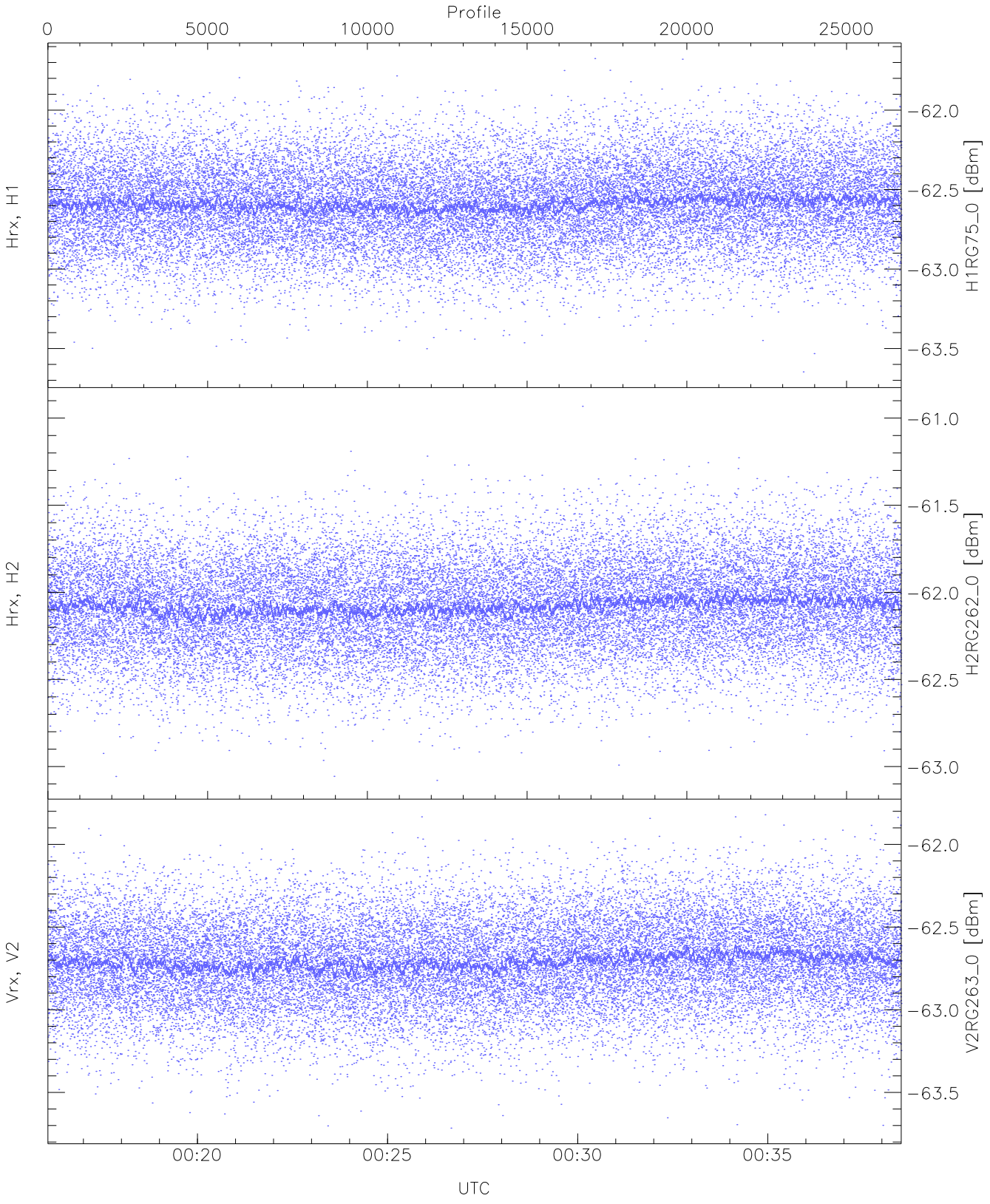
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.84	-60.79	-61.73	-61.73	-74.26
Hrx, H2(HL [dBm])	-62.80	-60.77	-61.73	-61.73	-74.27
Vrx, V2(HL [dBm])	-63.38	-61.45	-62.32	-62.32	-74.85



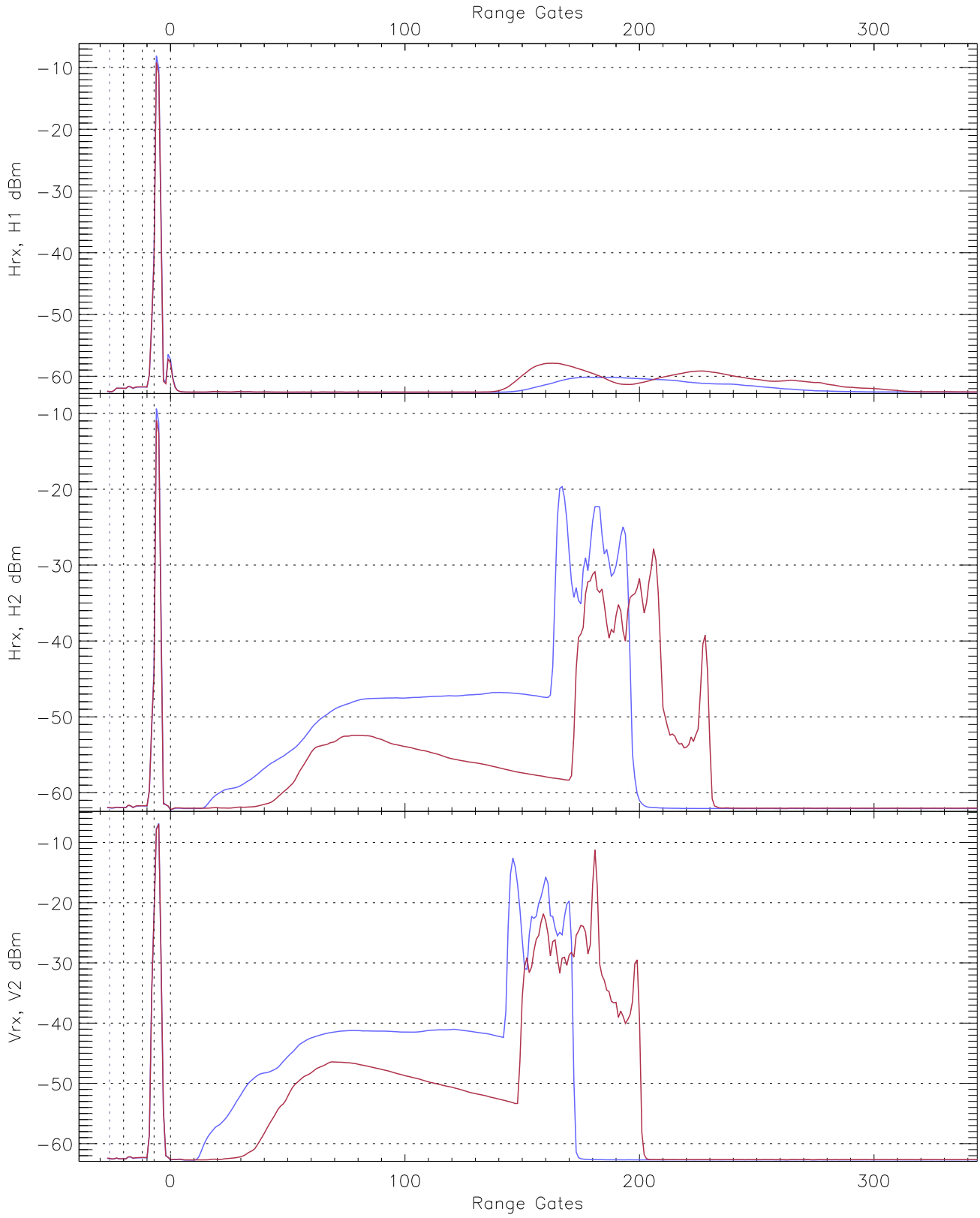
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.44	-58.92	-62.47	-62.48	-74.98
Hrx, H2(RM [dBm])	-63.16	-61.01	-61.98	-61.98	-74.51
Vrx, V2(RM [dBm])	-63.62	-61.61	-62.45	-62.45	-75.00

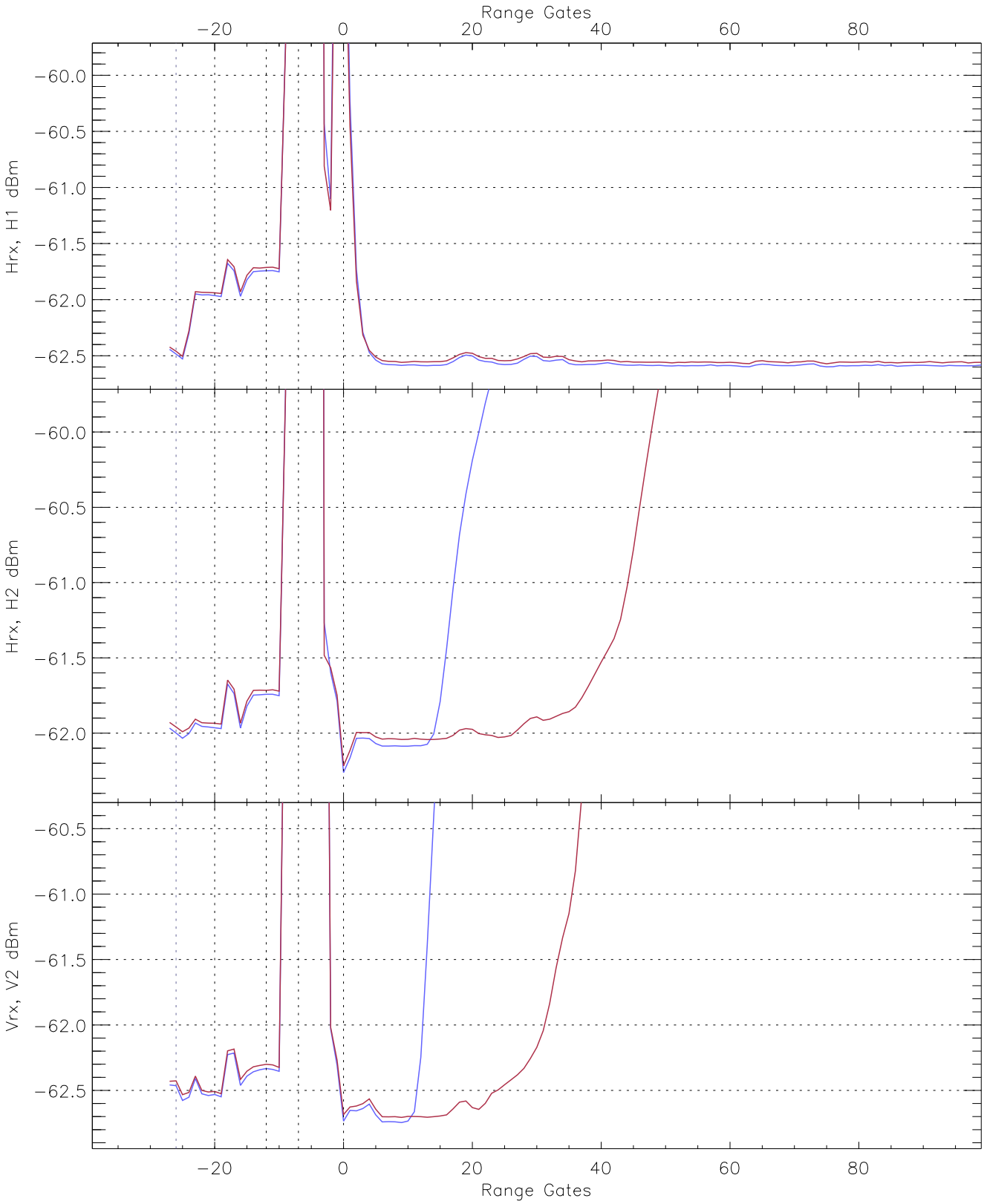


WCR2 CPP "Best" estimate Receivers Noise Power

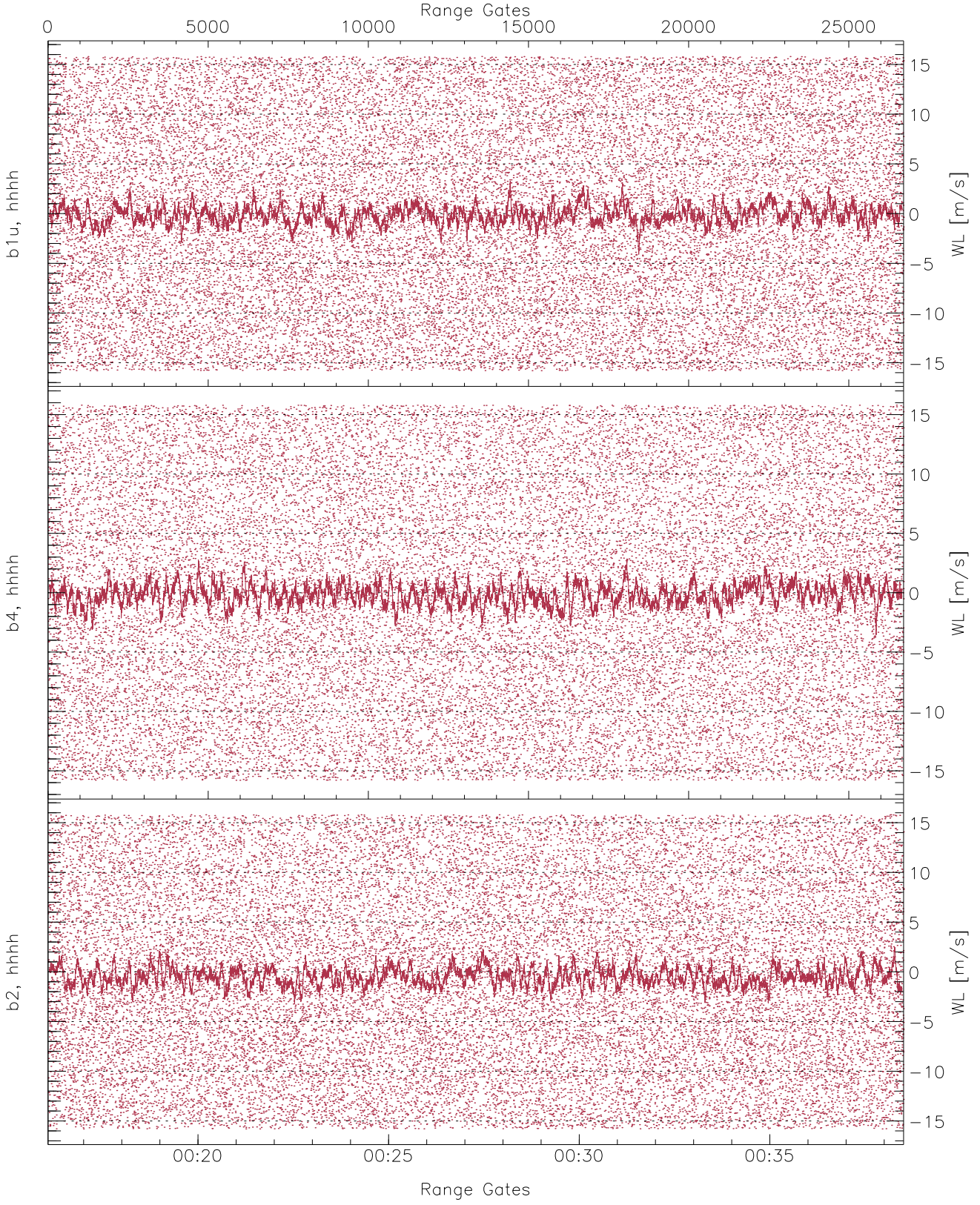
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.65	-61.68	-62.59	-62.59	-75.11
H2RG262_0 [dBm]	-63.08	-60.93	-62.08	-62.08	-74.59
V2RG263_0 [dBm]	-63.72	-61.82	-62.71	-62.71	-75.22



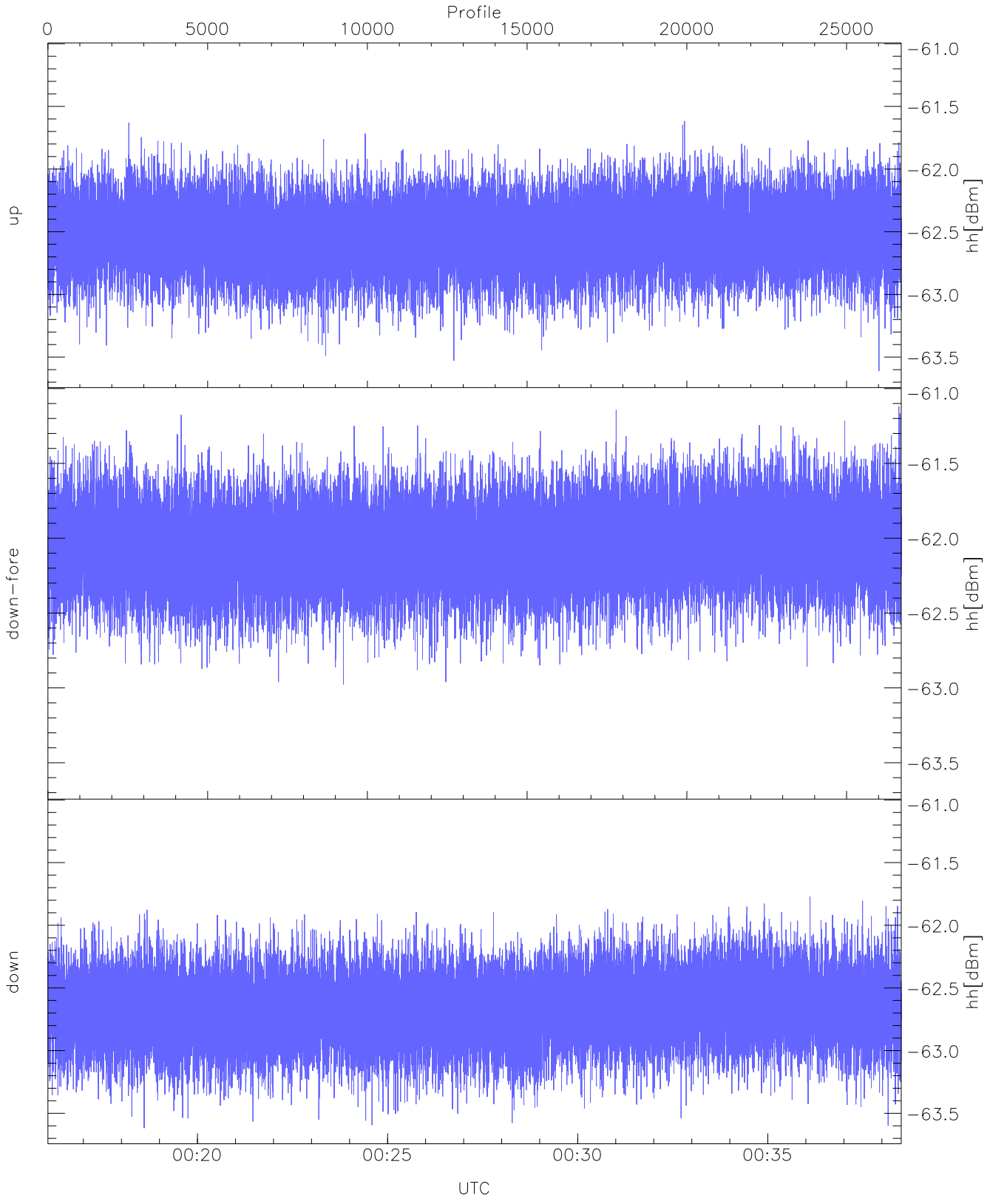
WCR2 CPP Averaged Received power for all recorded gates
blue: 001604-002717, 13357 profiles averaged
red: 002717-003831, 13356 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 001604-002717, 13357 profiles averaged
red: 002717-003831, 13356 profiles averaged

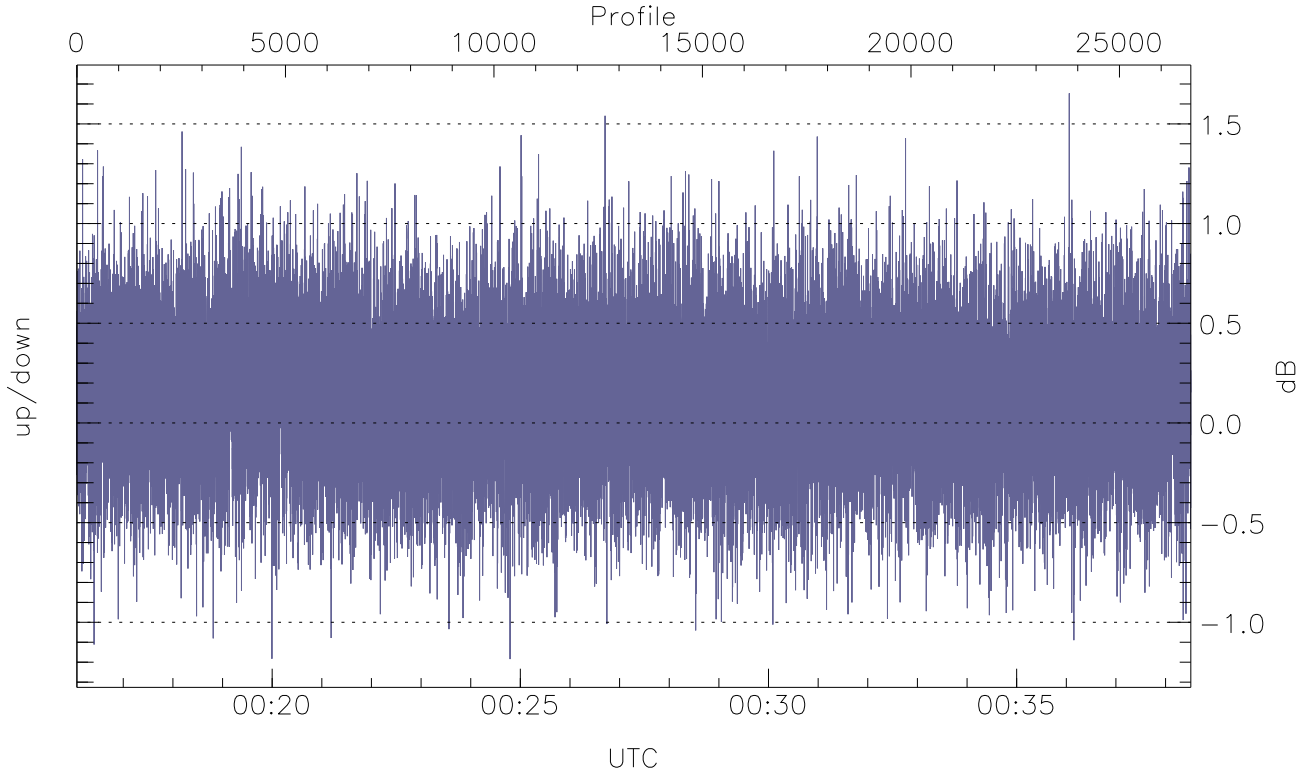


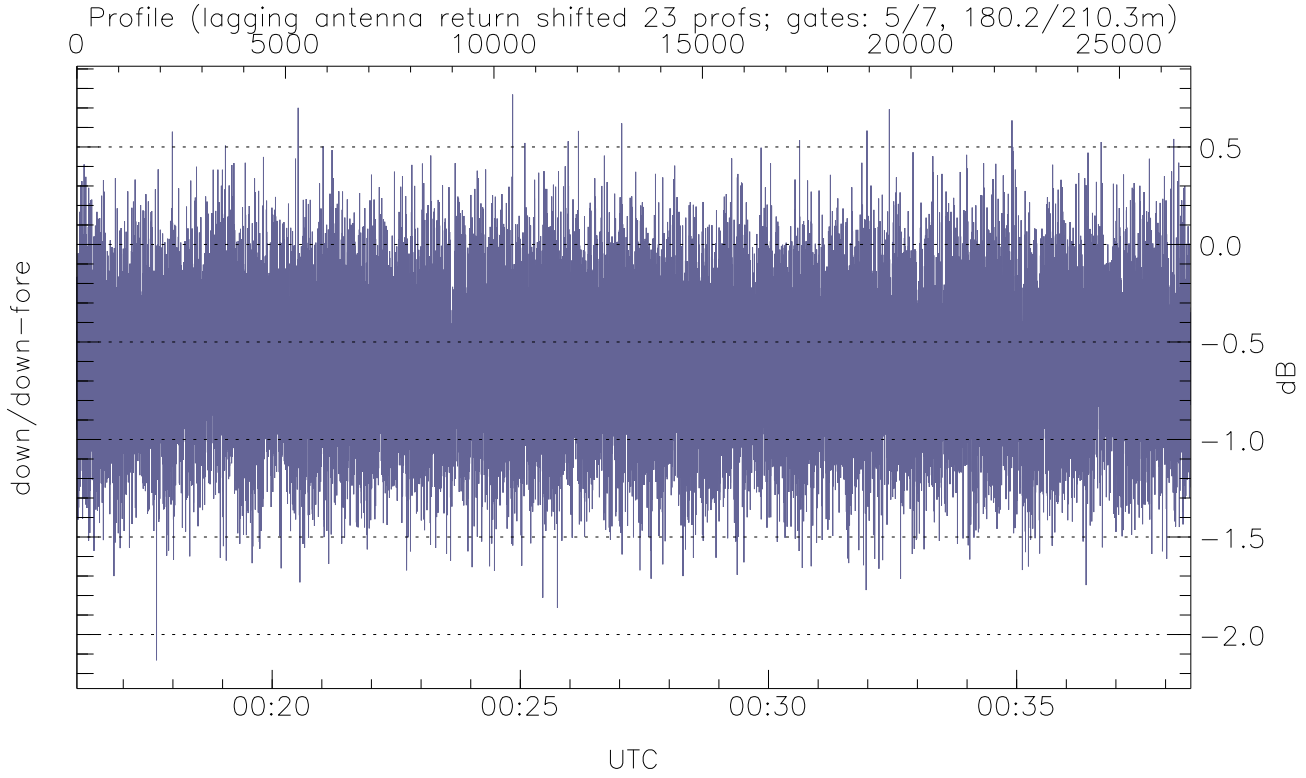
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

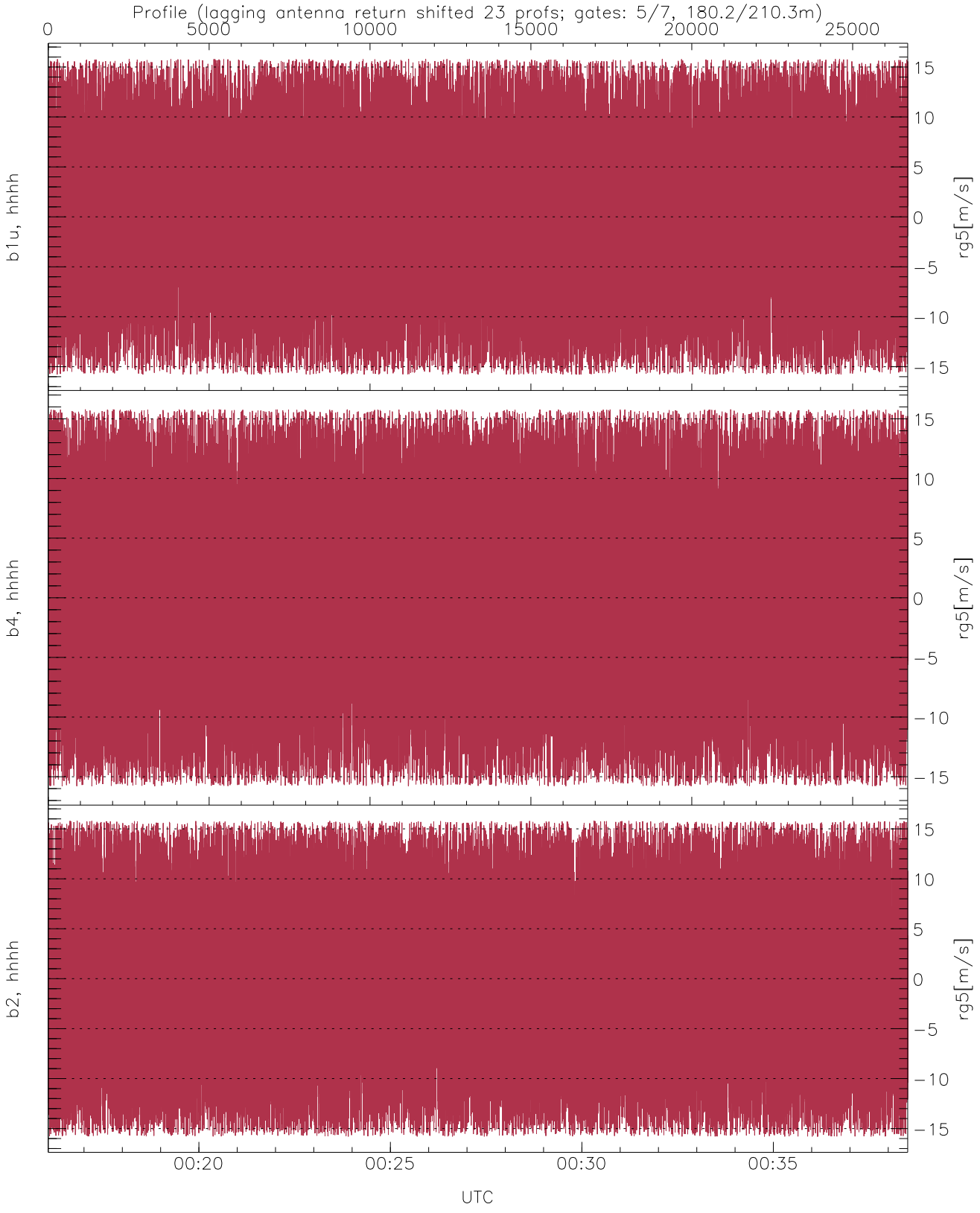
	Min	Max	Mean
up(hh[dBm])	-63.61	-61.62	-62.53
down-fore(hh[dBm])	-62.98	-61.12	-62.05
down(hh[dBm])	-63.62	-61.77	-62.67





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

	Min	Max	Mean
up/down(dB)	-1.18	1.65	0.14
down/down-fore(dB)	-2.13	0.77	-0.60



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.09	8.67
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.14	9.05
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.46	9.04