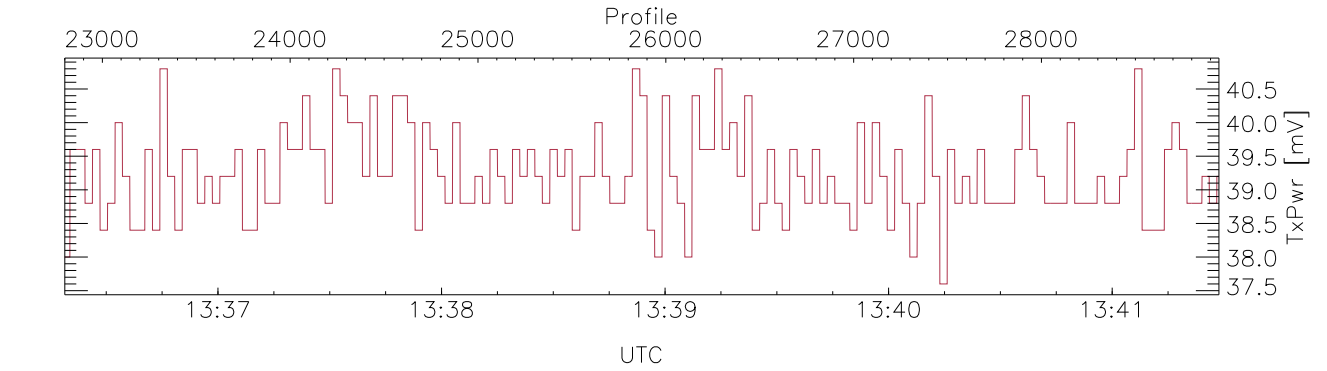
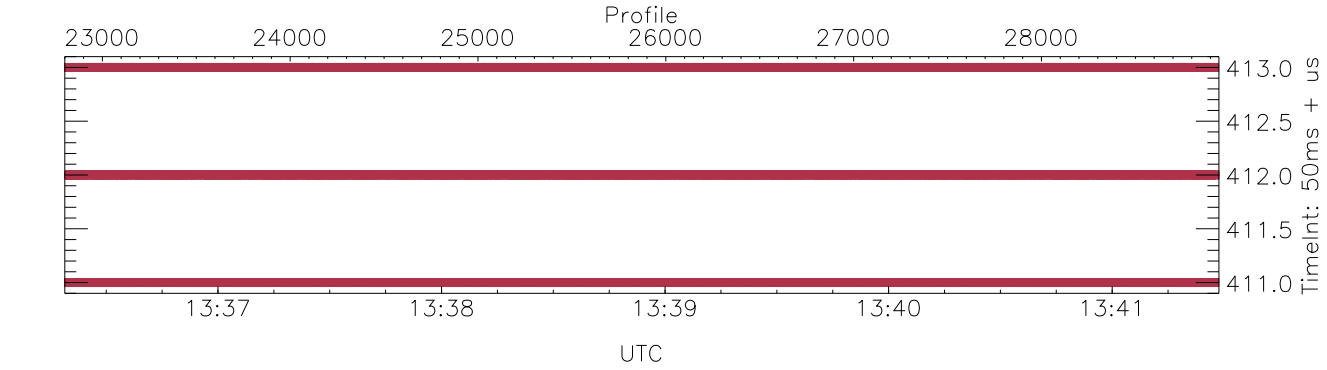
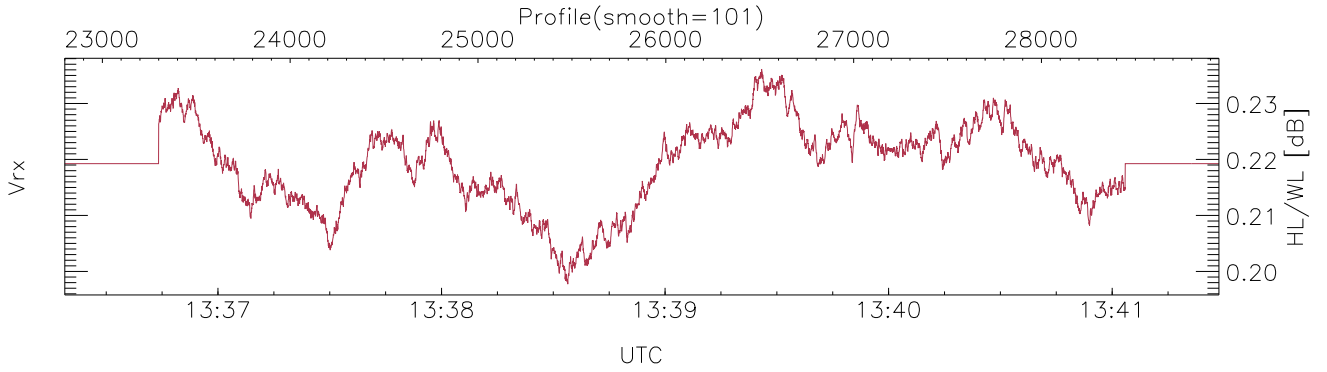
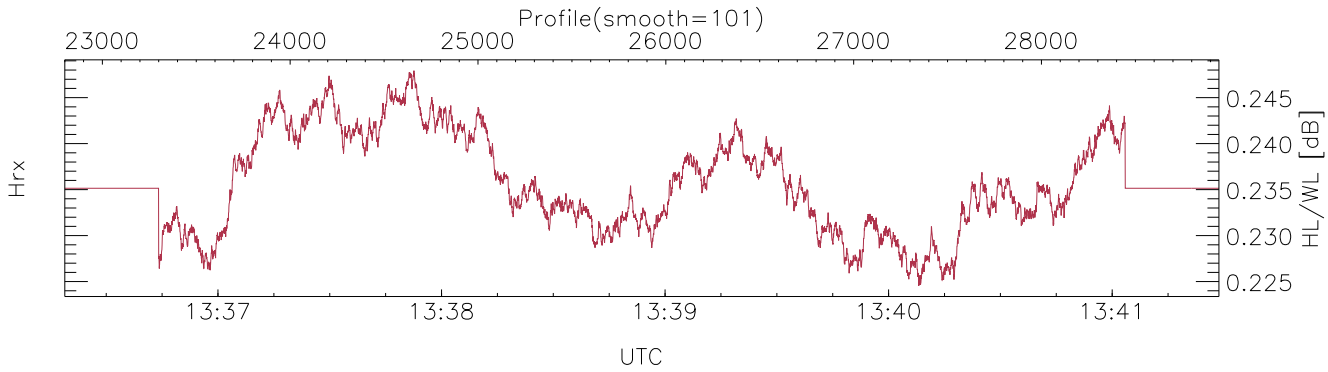


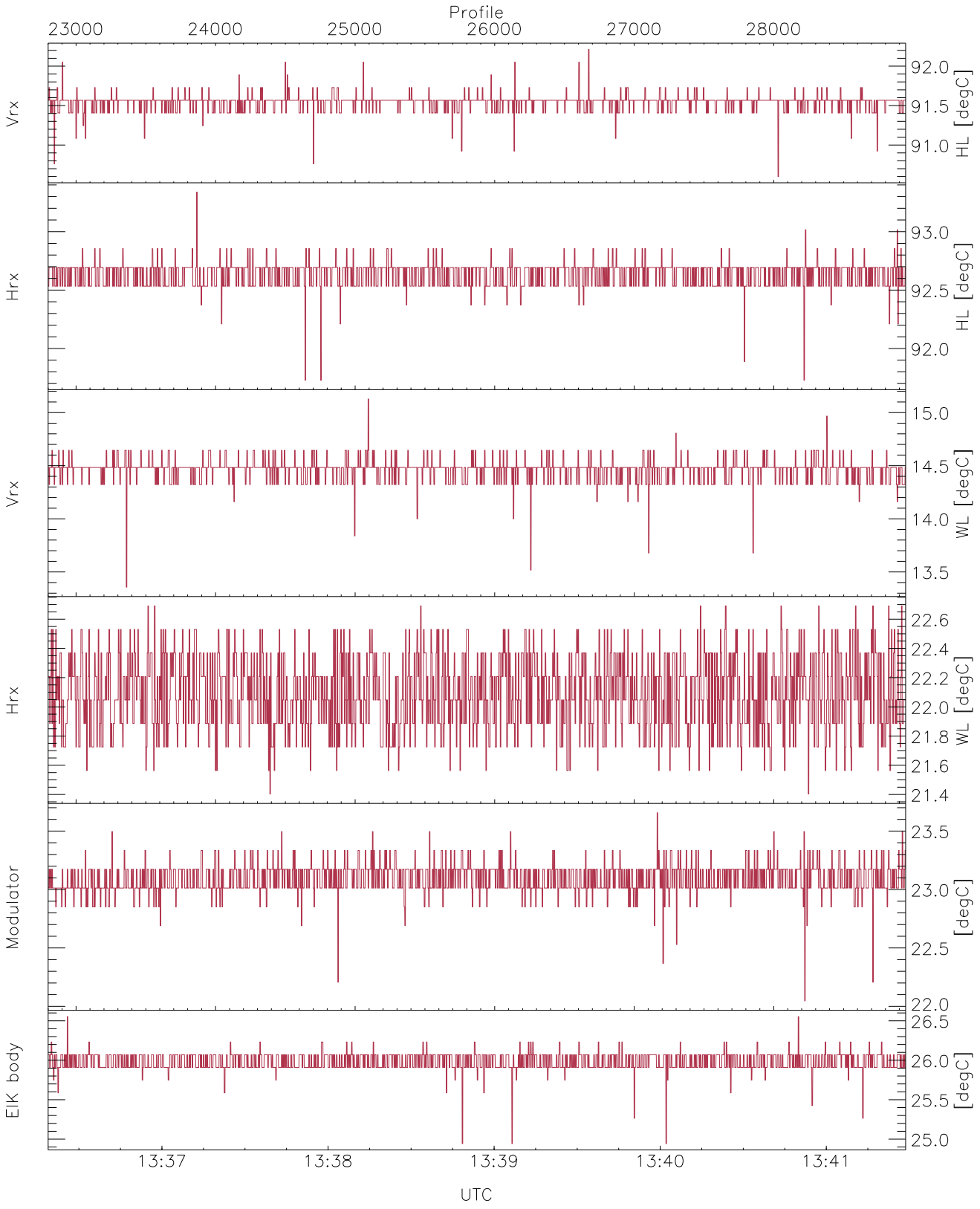






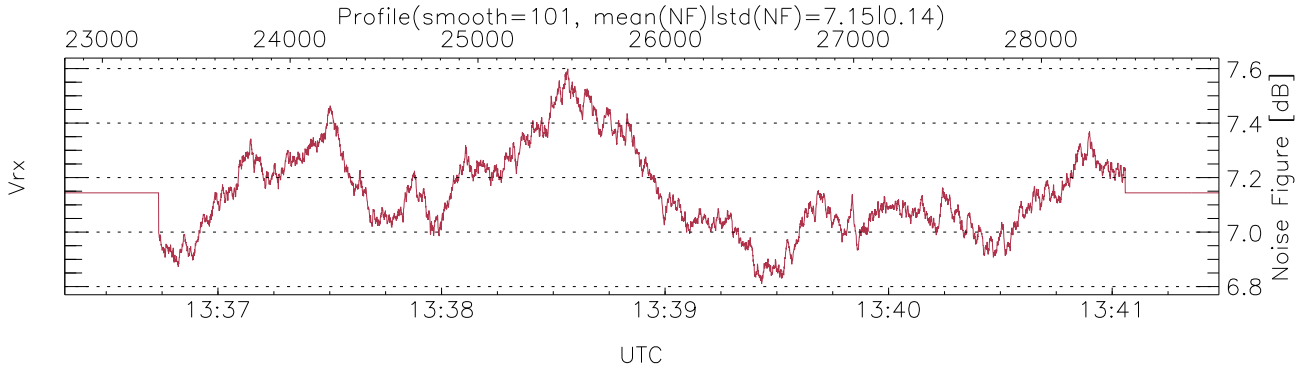
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

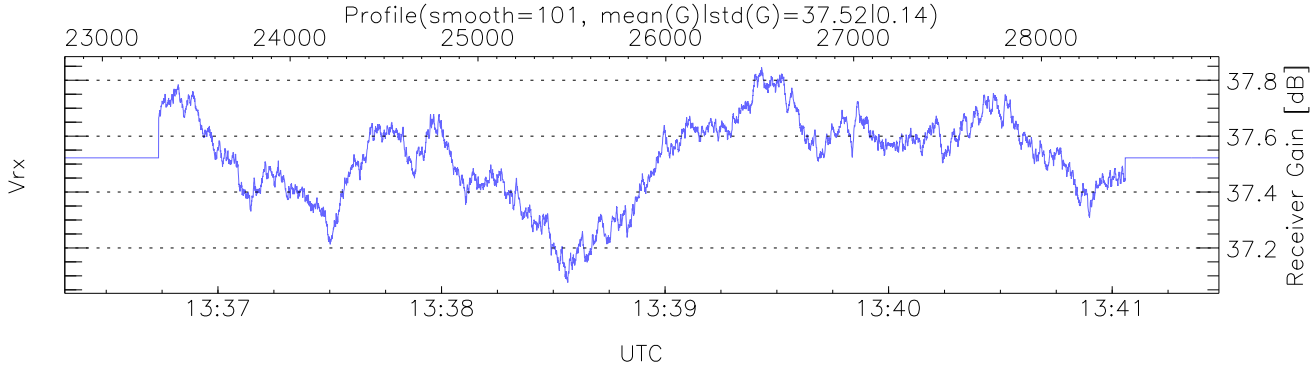
UTC: 13:17:09-13:41:29, Dur: 1459.19s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 6146/28946, 22800-28945/13:36:19-13:41:29
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

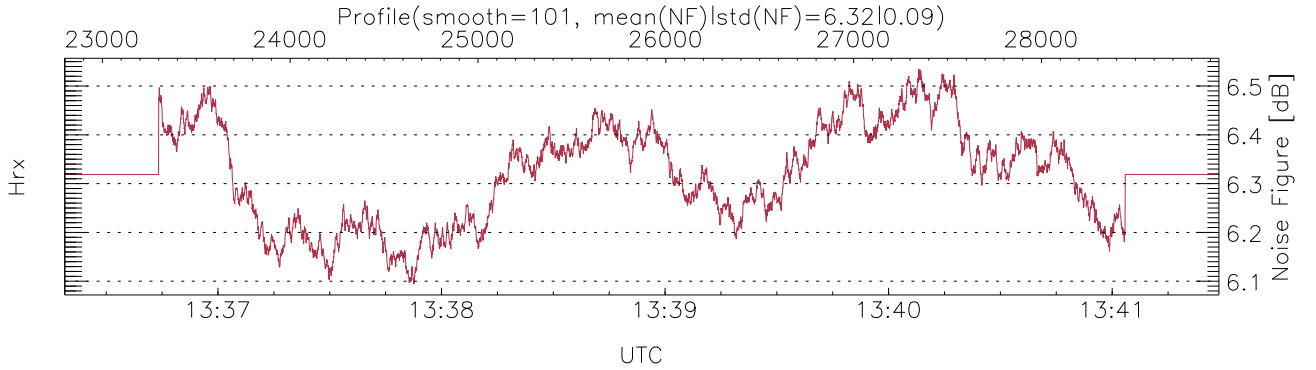


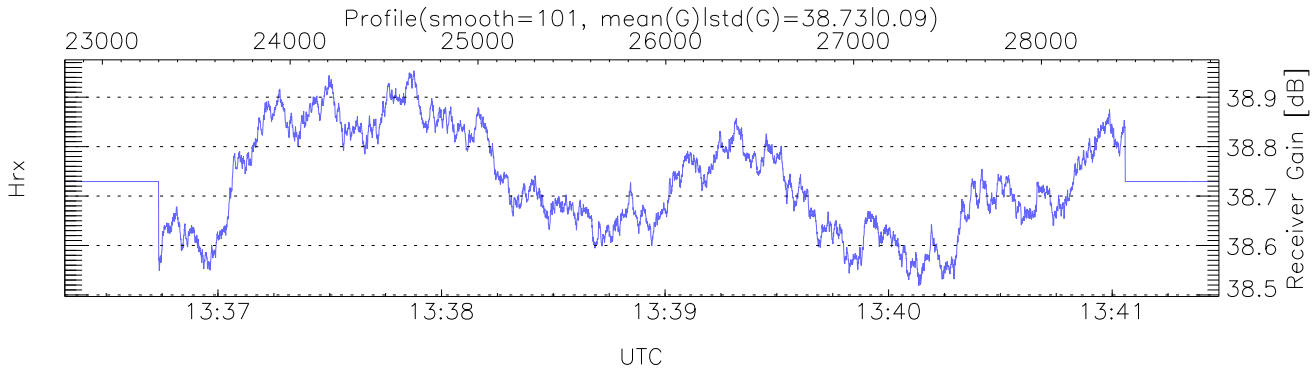
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,22,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,22,23,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,11)



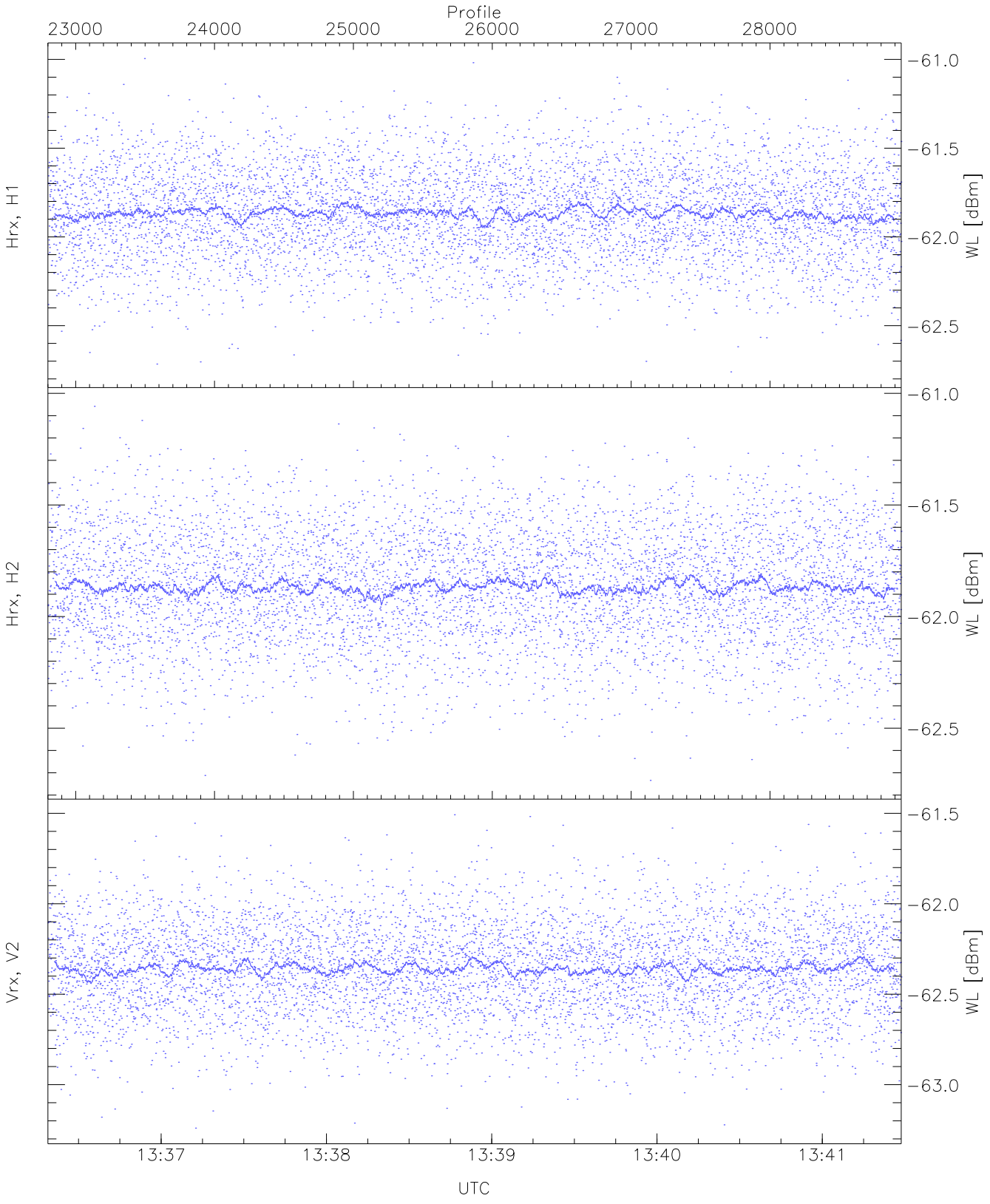






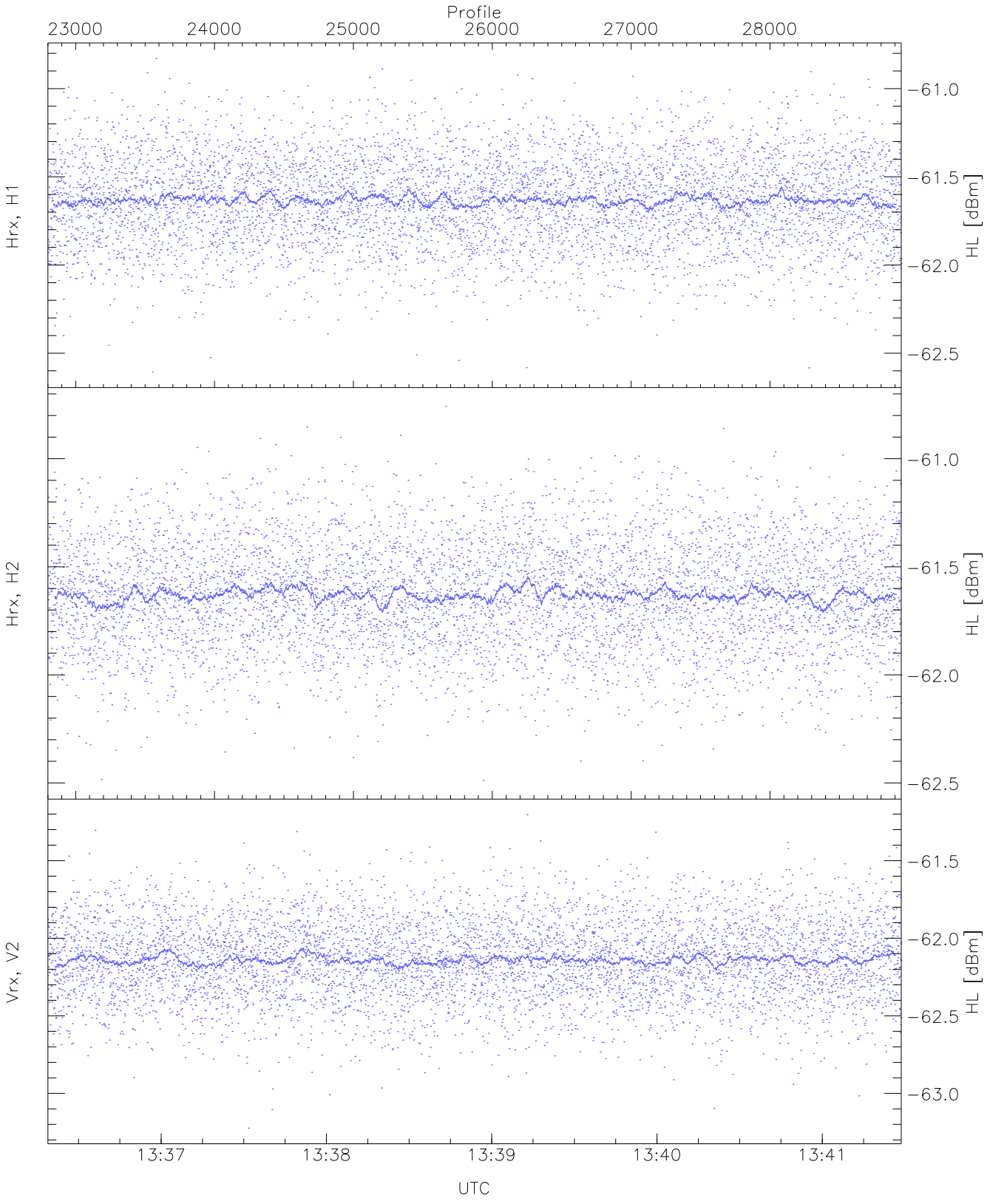
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 185 pixs, 8 gates, 180 profs, 1 prods



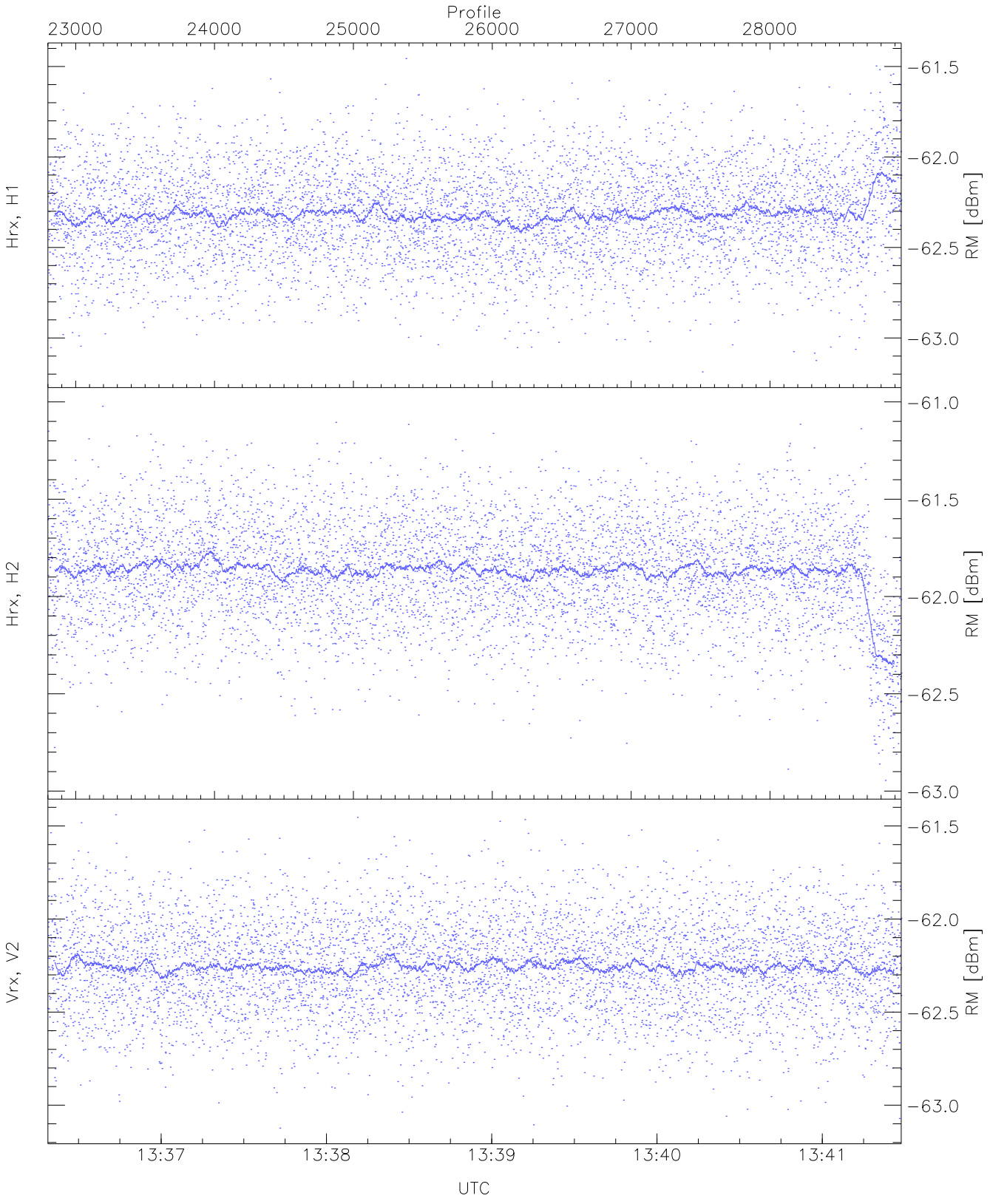
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.76	-61.00	-61.86	-61.87	-74.38
Hrx, H2(WL [dBm])	-62.73	-61.06	-61.86	-61.87	-74.46
Vrx, V2(WL [dBm])	-63.24	-61.51	-62.35	-62.36	-74.95



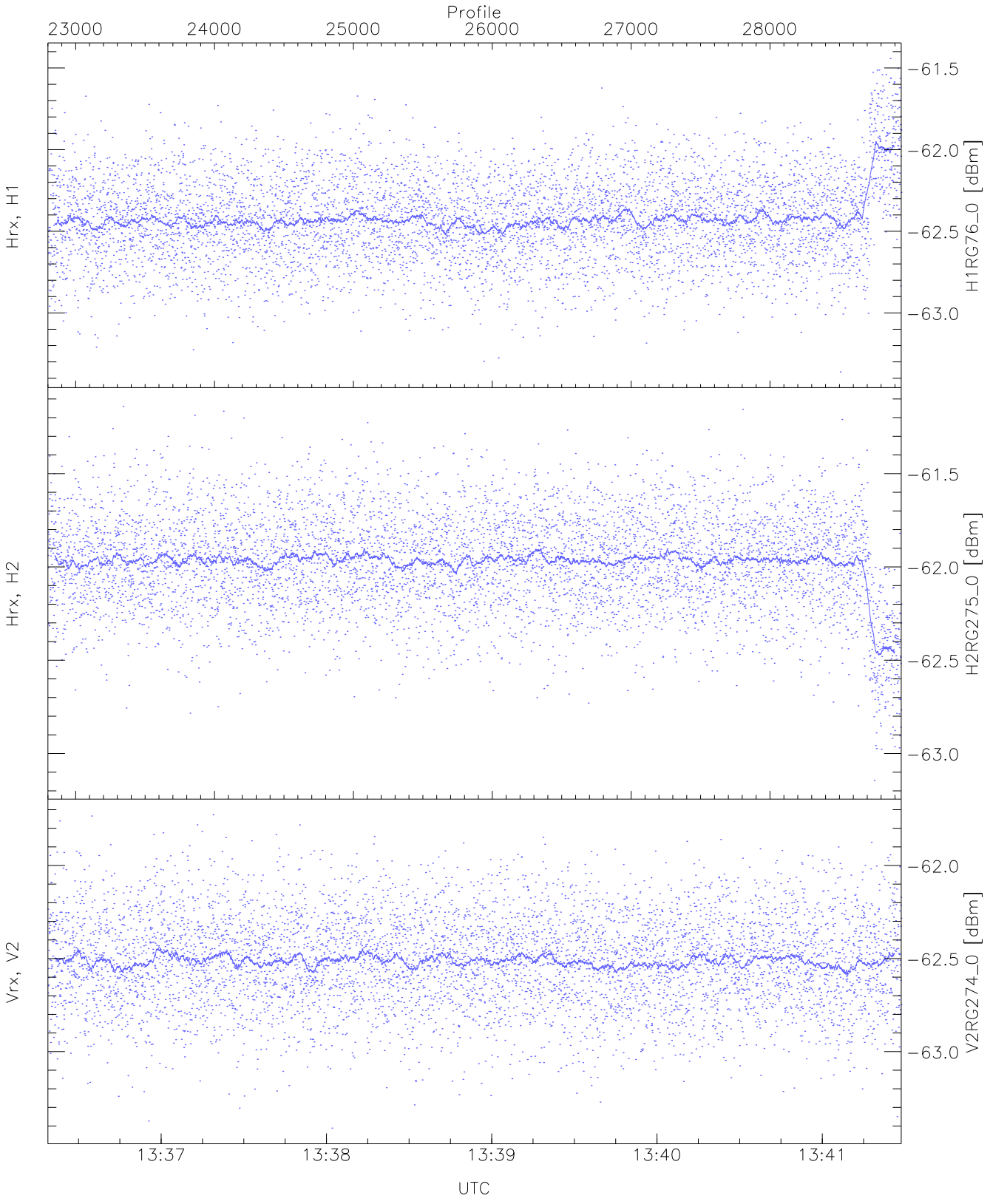
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.61	-60.83	-61.63	-61.63	-74.20
Hrx, H2(HL [dBm])	-62.49	-60.76	-61.63	-61.63	-74.29
Vrx, V2(HL [dBm])	-63.22	-61.20	-62.14	-62.14	-74.65



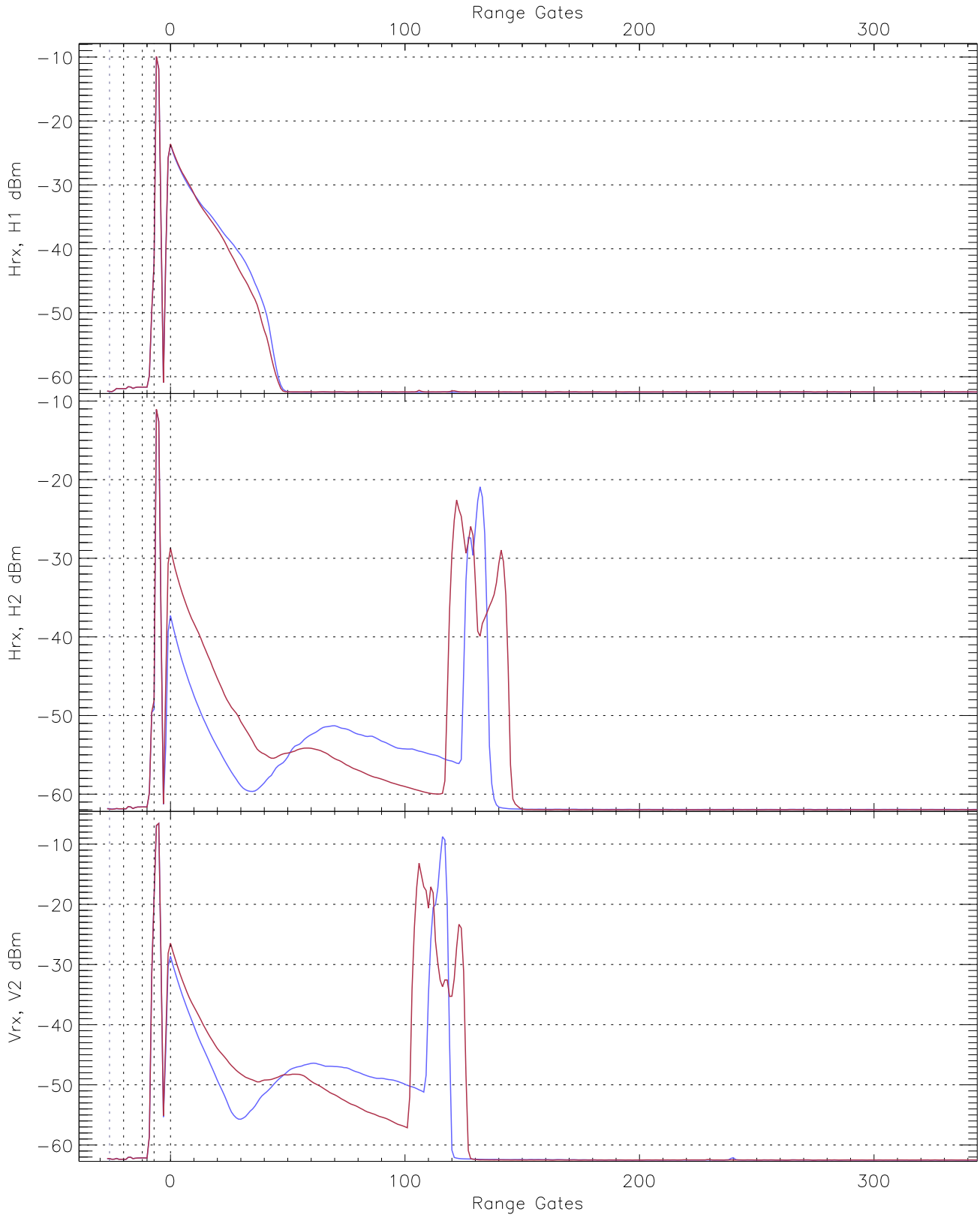
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.19	-61.46	-62.31	-62.31	-74.86
Hrx, H2(RM [dBm])	-62.95	-61.02	-61.87	-61.87	-74.21
Vrx, V2(RM [dBm])	-63.12	-61.44	-62.25	-62.25	-74.87

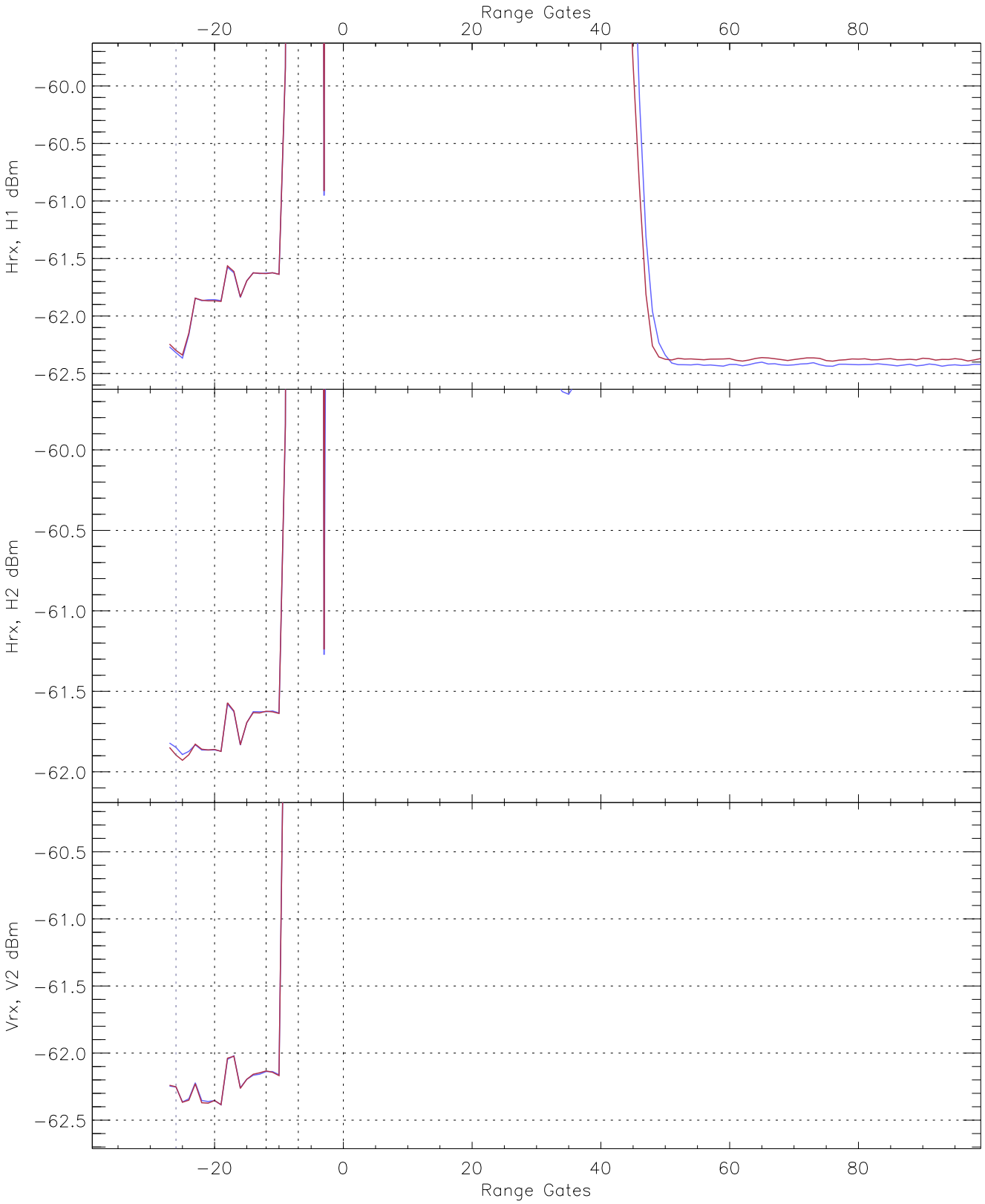


WCR2 CPP "Best" estimate Receivers Noise Power

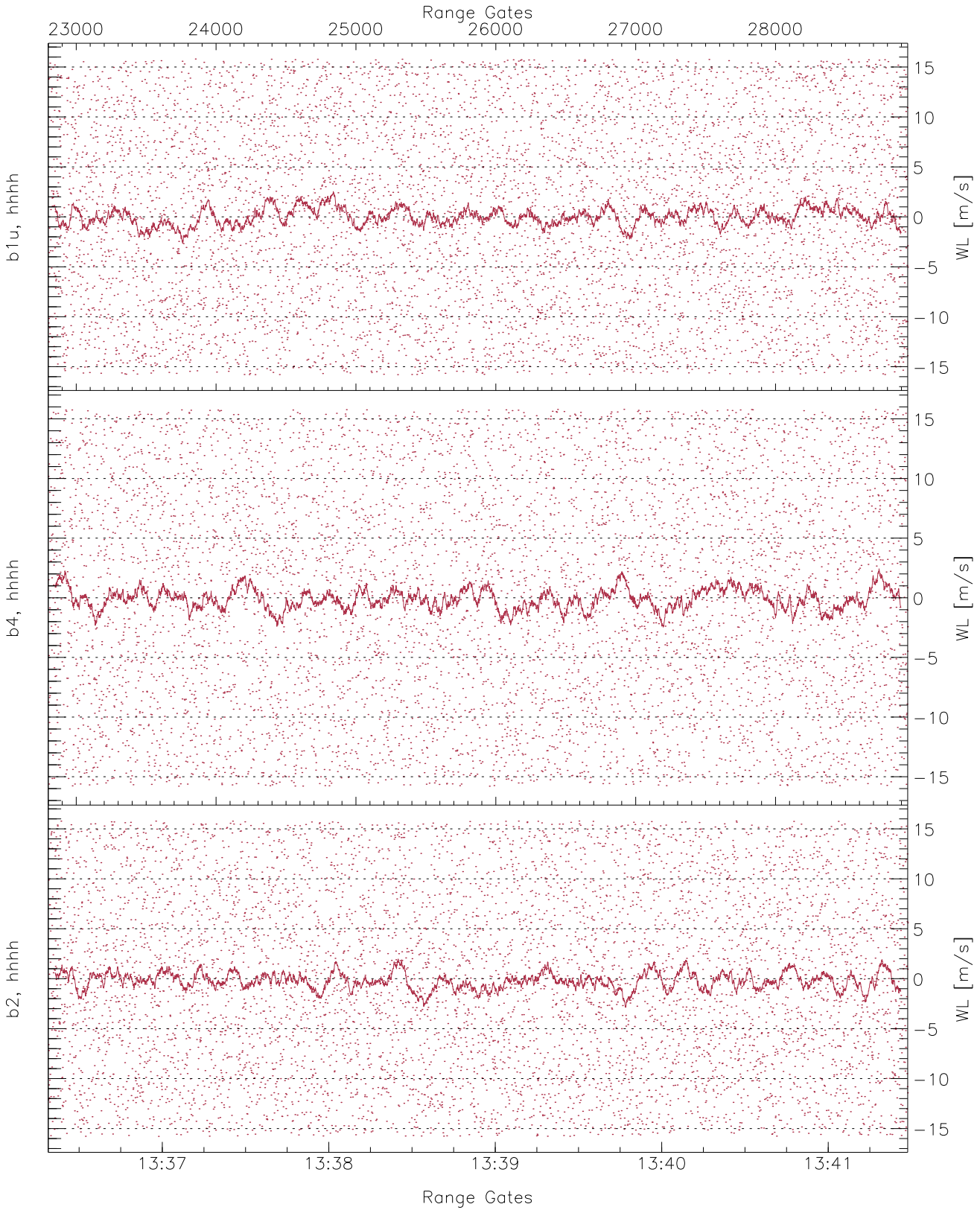
	Min	Max	Mean	Median	StDev
H1RG76_0 [dBm]	-63.36	-61.44	-62.41	-62.43	-74.68
H2RG275_0 [dBm]	-63.14	-61.14	-61.98	-61.97	-74.35
V2RG274_0 [dBm]	-63.41	-61.73	-62.51	-62.51	-75.10



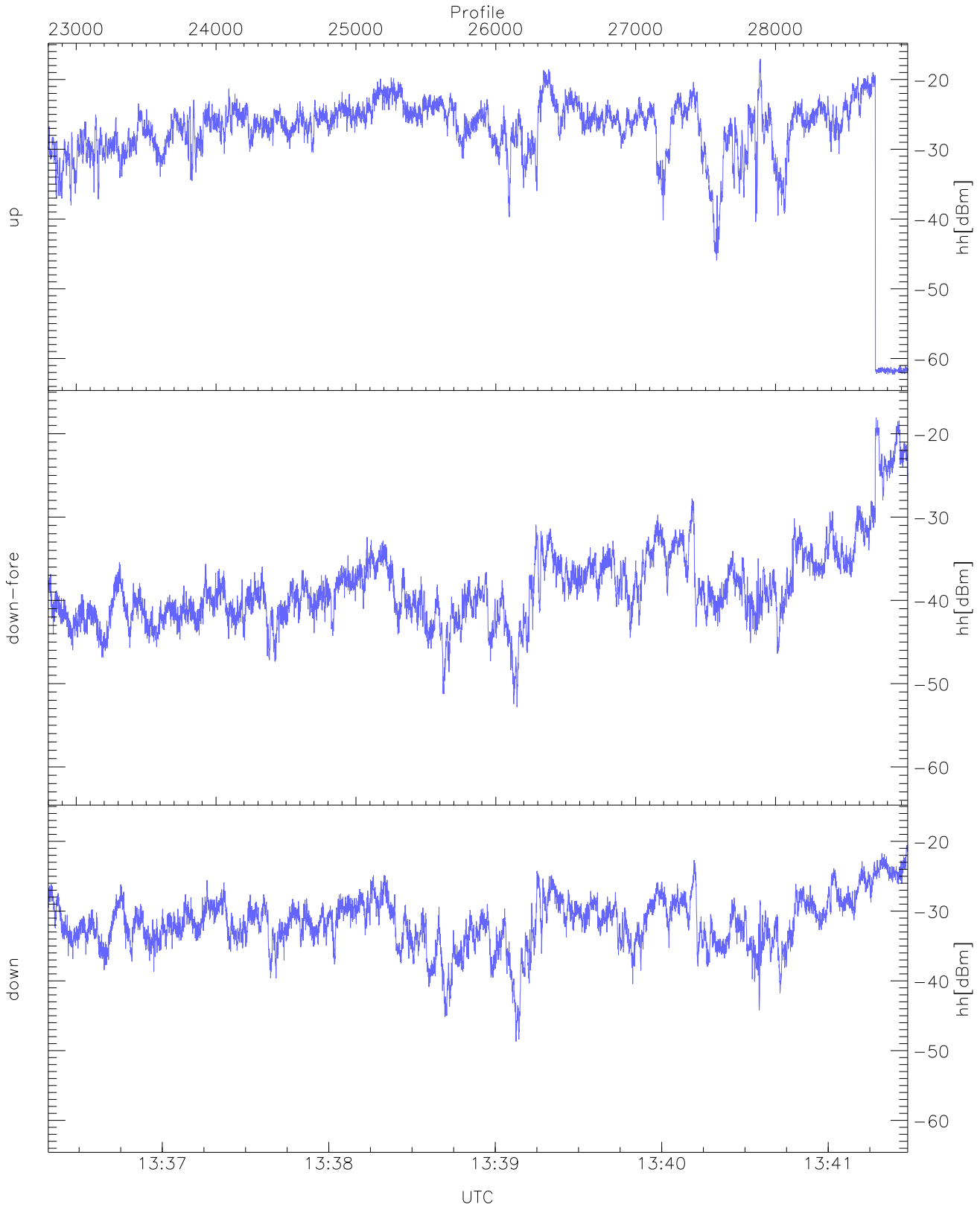
WCR2 CPP Averaged Received power for all recorded gates
blue: 133619-133854, 3074 profiles averaged
red: 133854-134129, 3073 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 133619-133854, 3074 profiles averaged
red: 133854-134129, 3073 profiles averaged

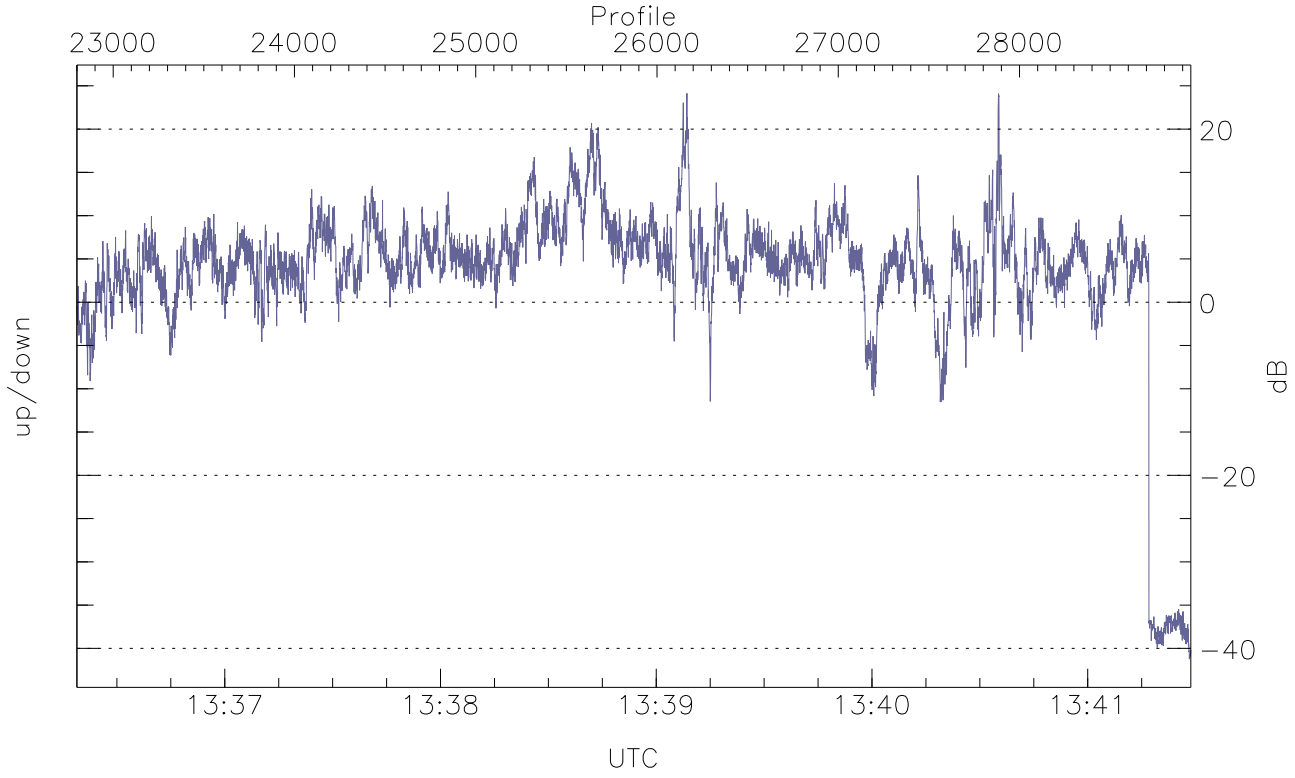


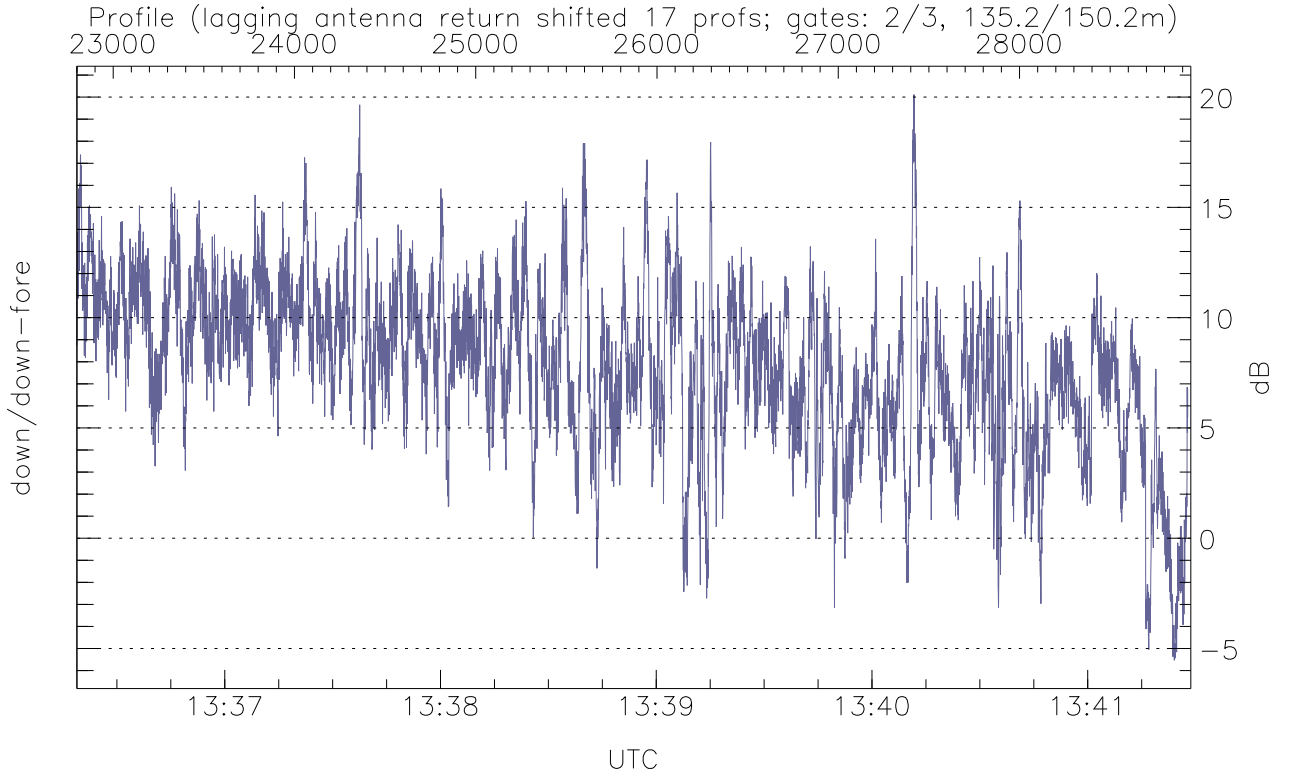
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

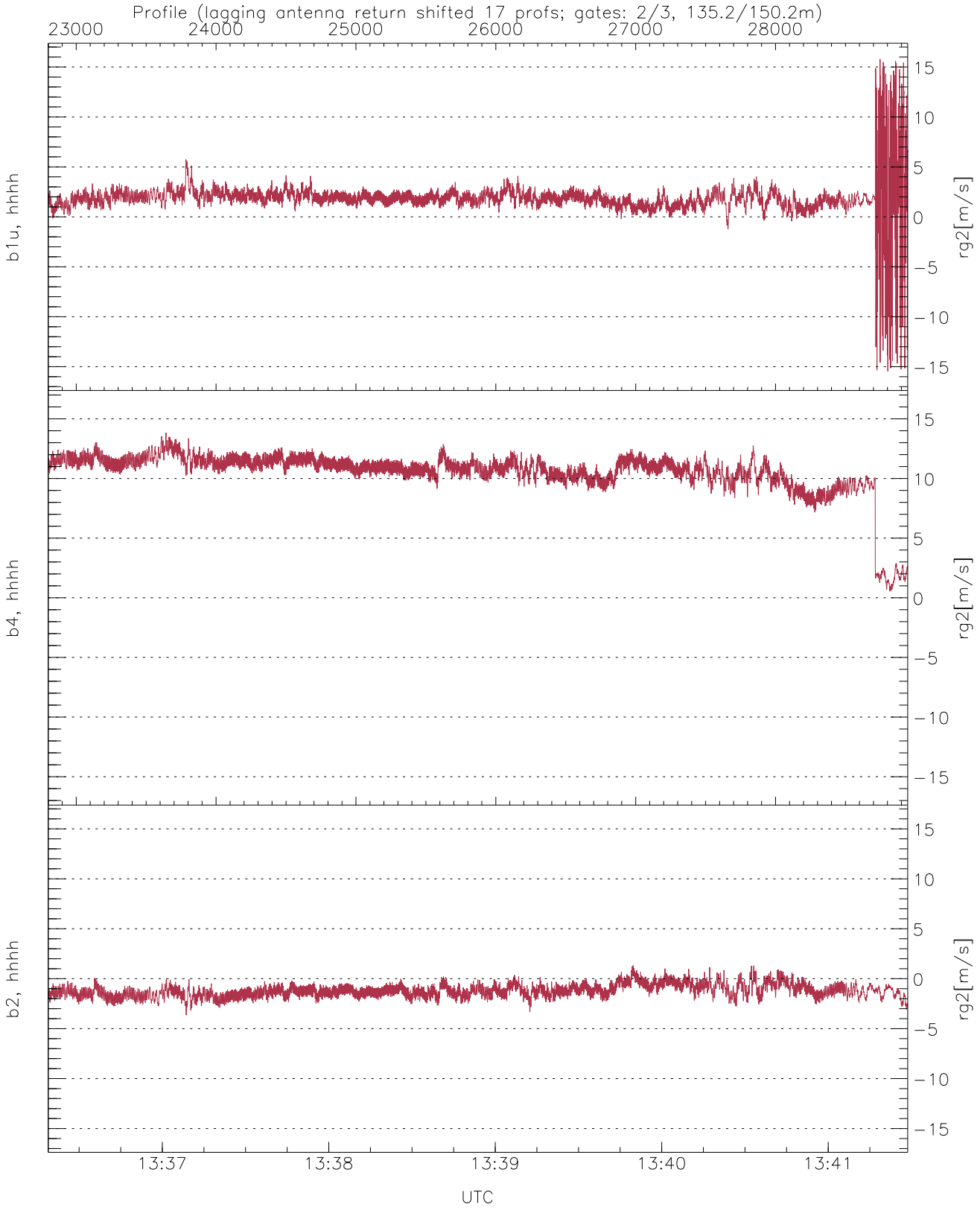
	Min	Max	Mean
up(hh[dBm])	-62.32	-17.06	-25.74
down-fore(hh[dBm])	-52.82	-18.06	-33.78
down(hh[dBm])	-48.70	-20.49	-30.05





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 2 (135 m)

	Min	Max	Mean
up/down(dB)	-41.23	24.14	3.42
down/down-fore(dB)	-5.53	20.12	7.82



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-15.47	15.78	1.84	1.85
b4, hhhh(rg2[m/s])	0.55	13.83	10.46	1.99
b2, hhhh(rg2[m/s])	-3.64	1.33	-1.21	0.68