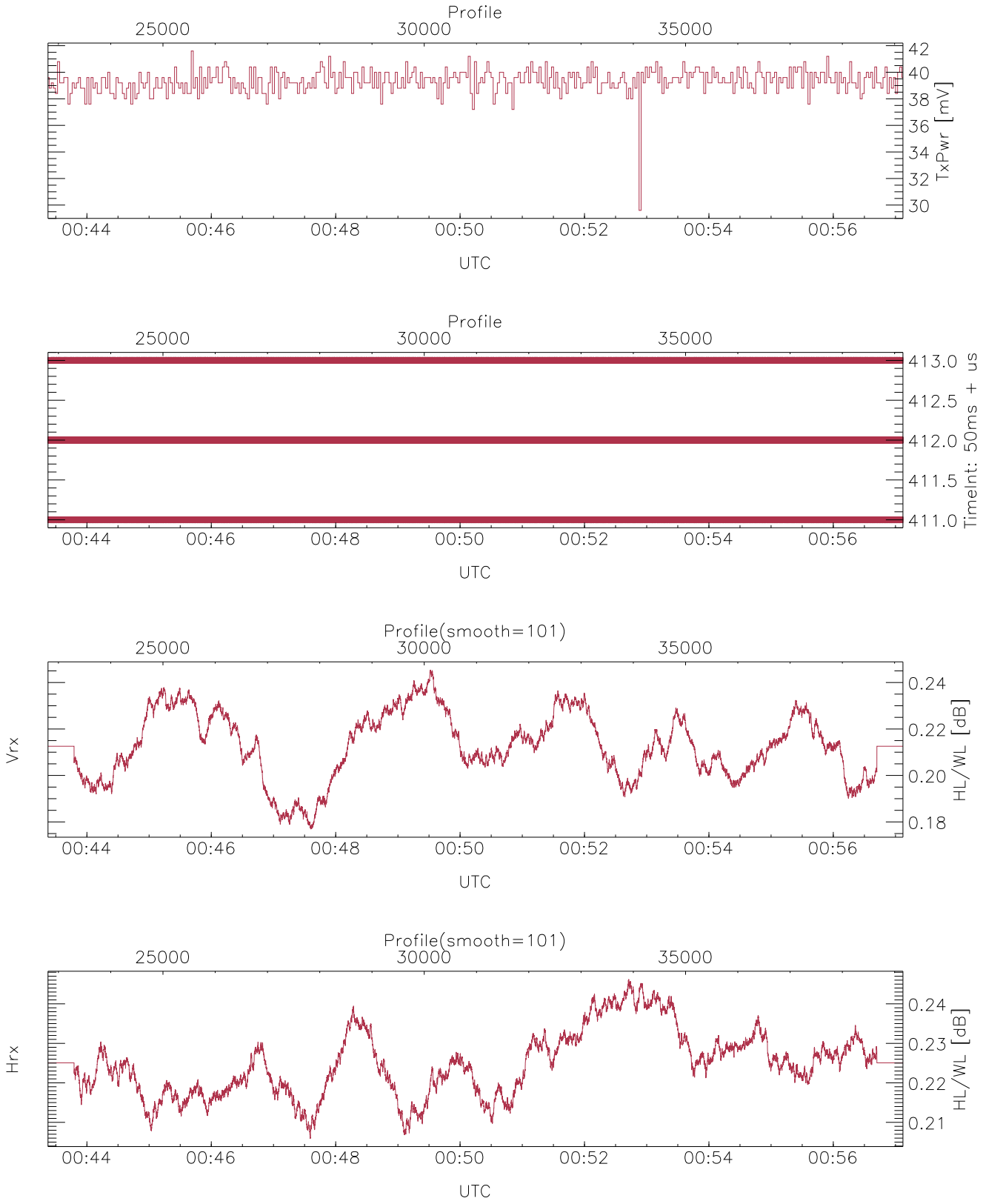
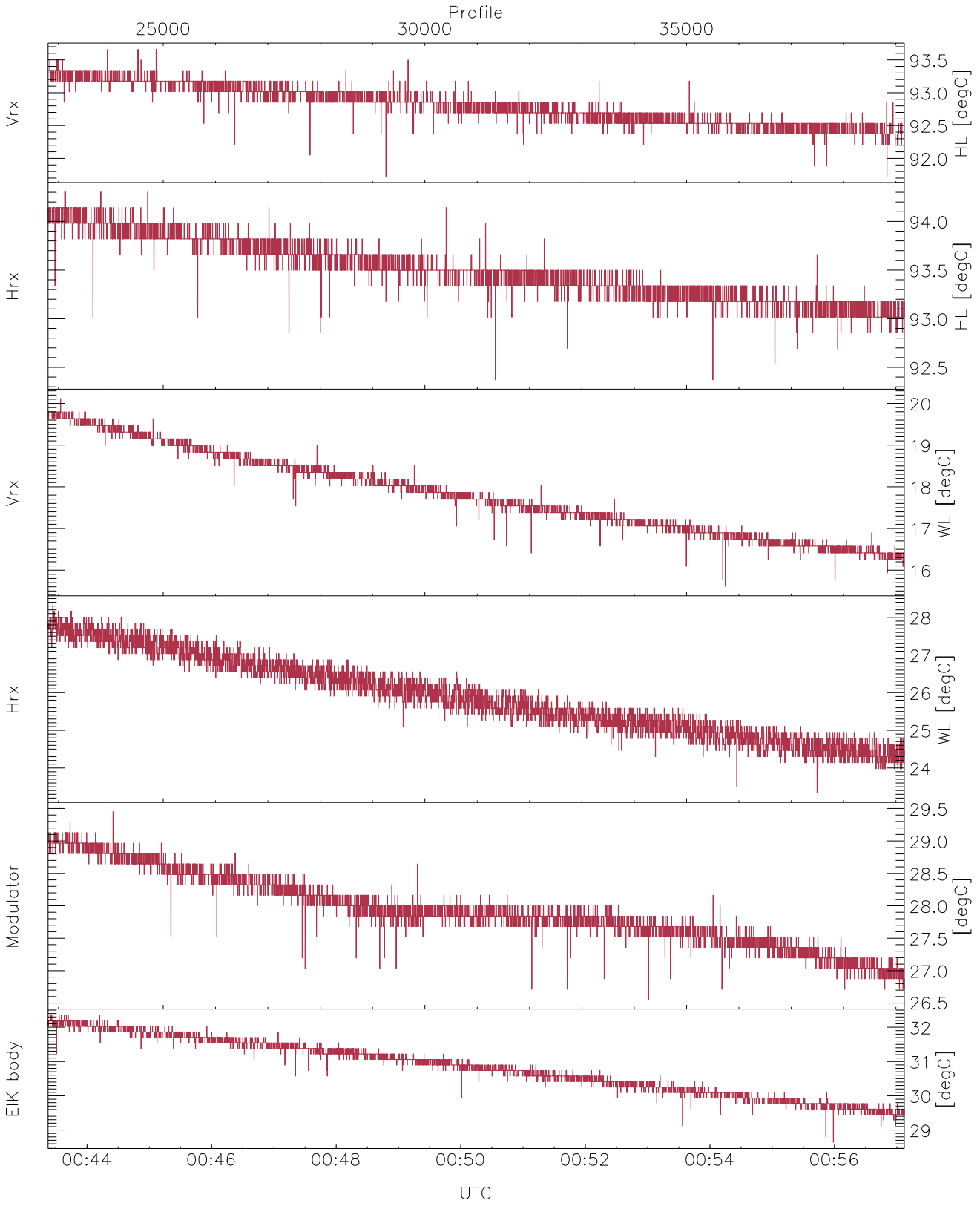


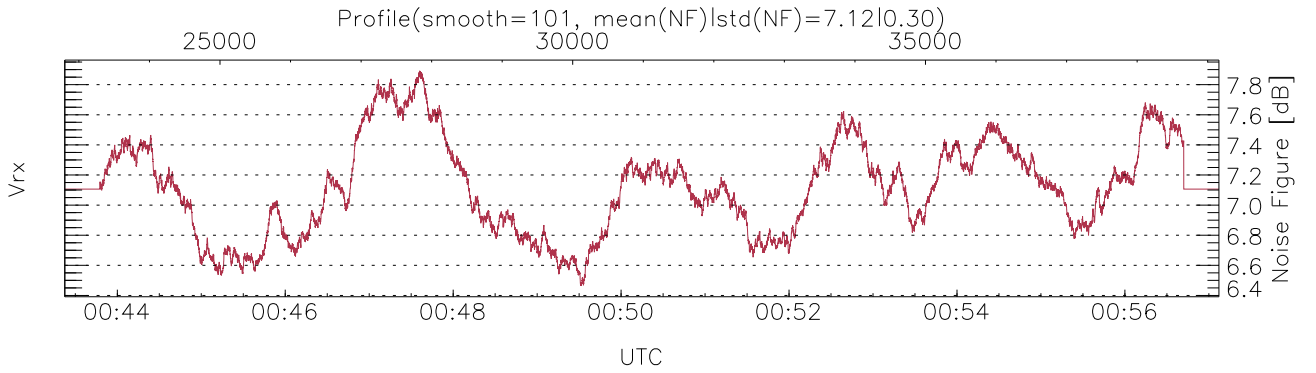
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

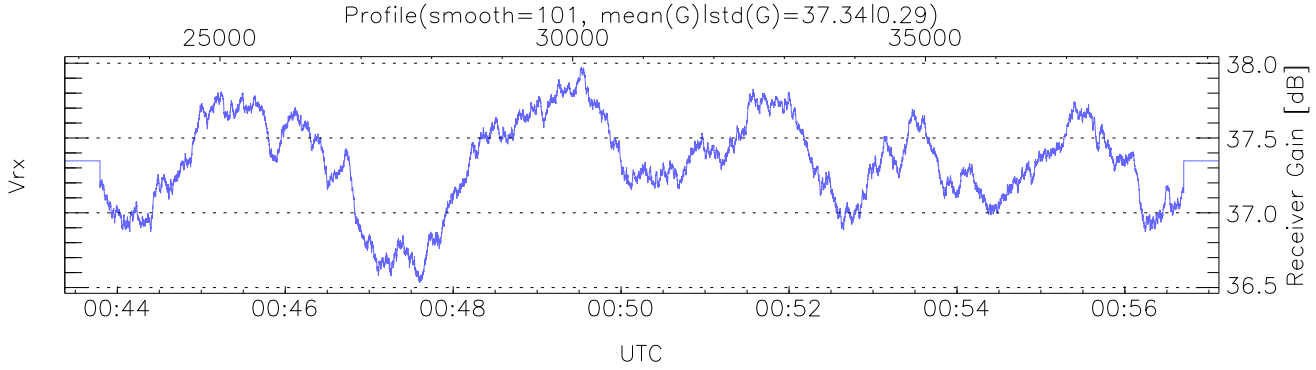
UTC: 00:24:13-00:57:07, Dur: 1974.16s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 16361/39161, 22800-39160/00:43:22-00:57:07
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

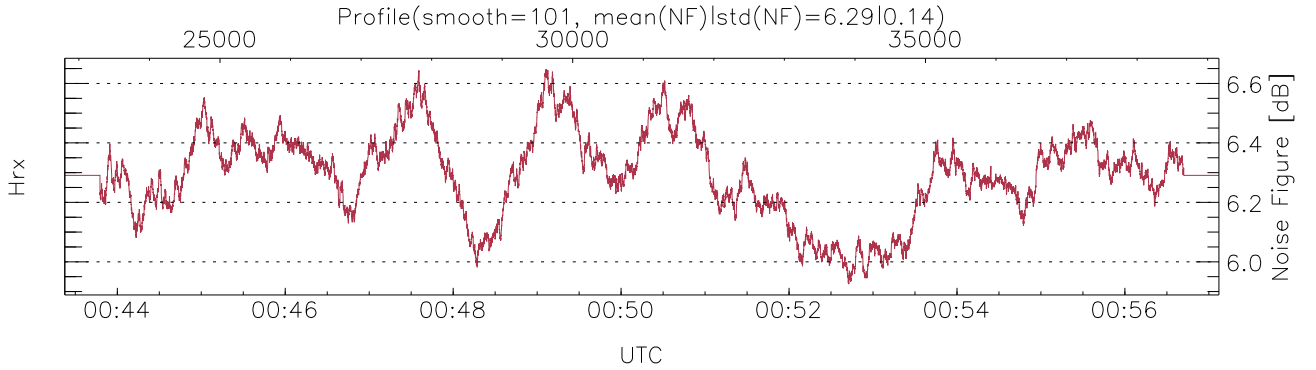


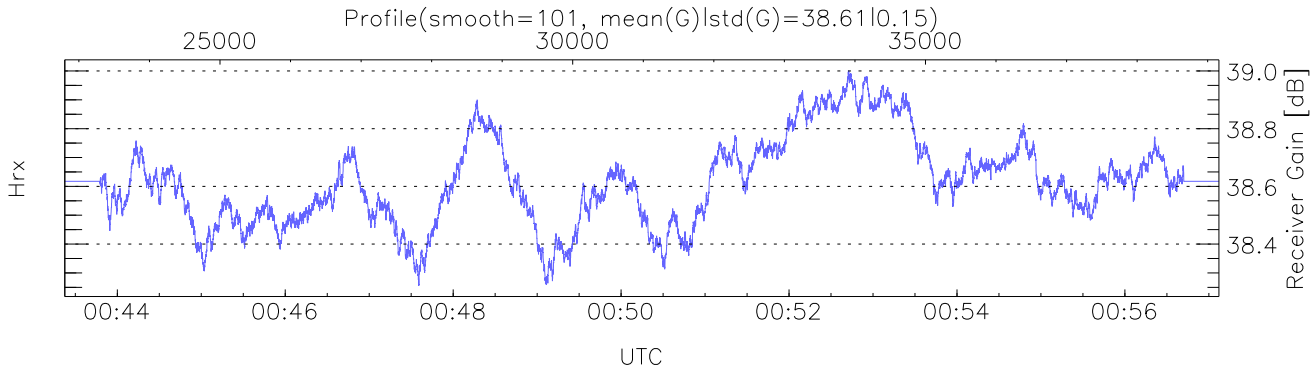
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,23,26,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,28,29,32
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)



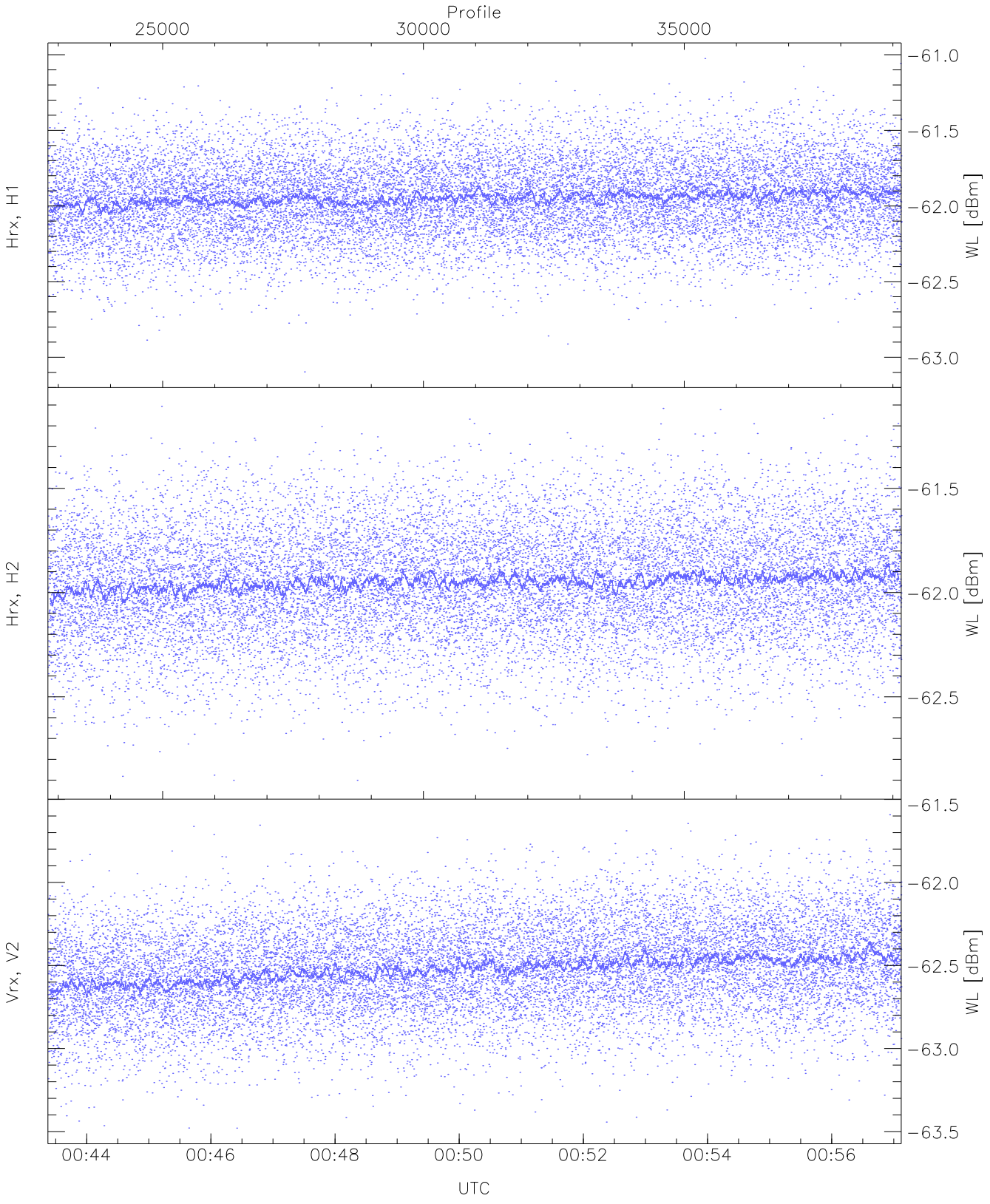






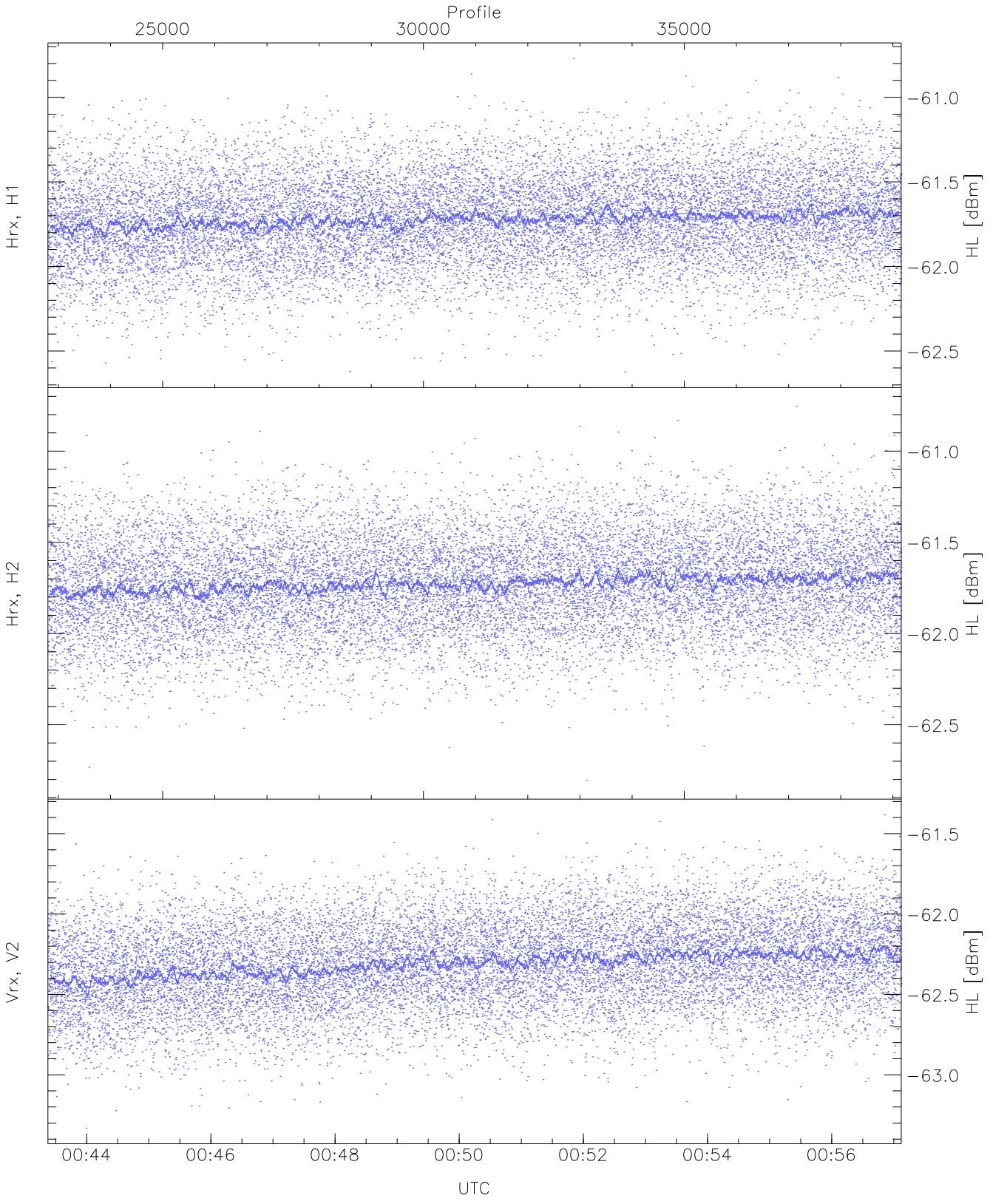
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7243 pixs, 7 gates, 7202 profs, 1 prods



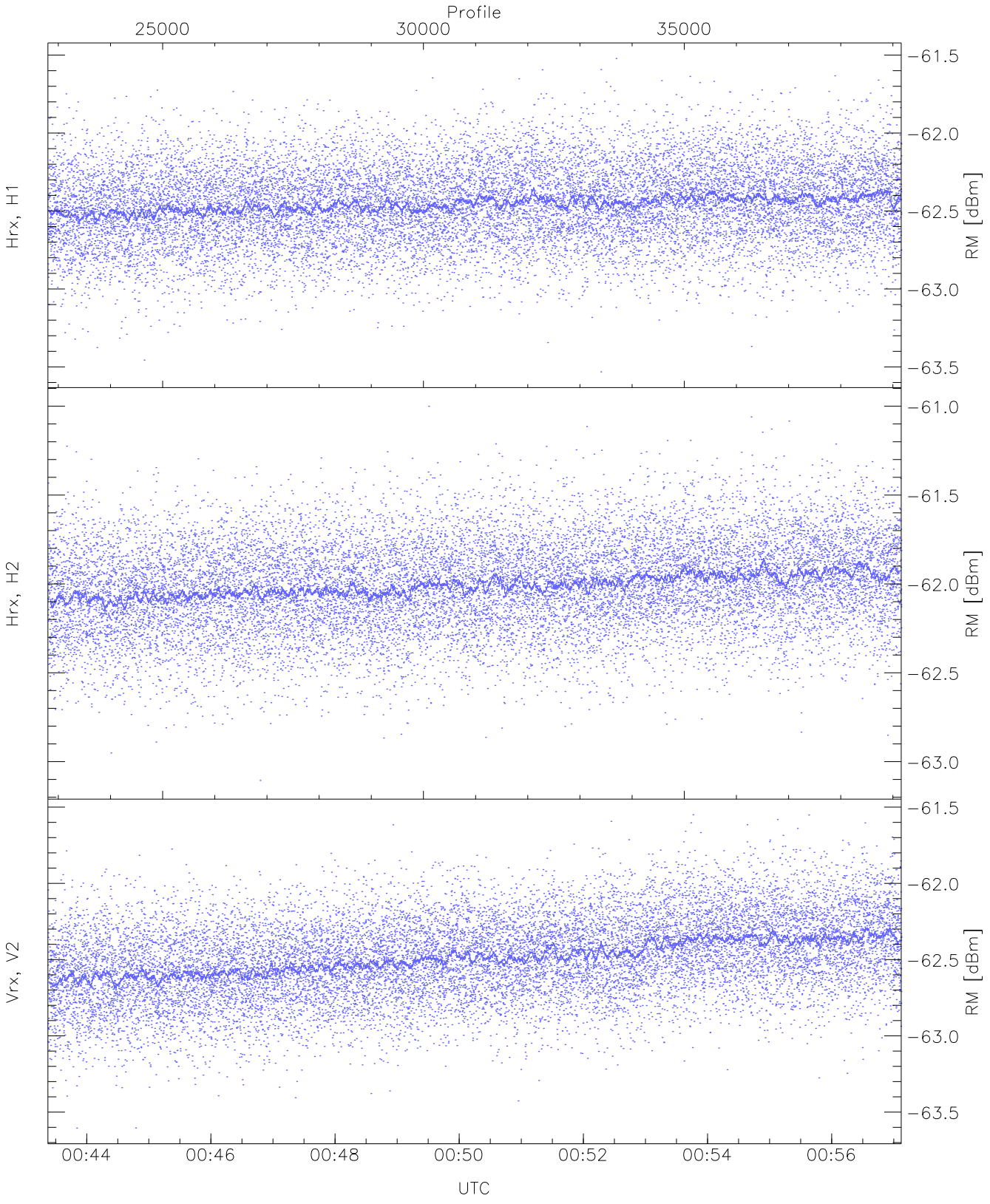
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.10	-61.03	-61.95	-61.95	-74.50
Hrx, H2(WL [dBm])	-62.90	-61.11	-61.95	-61.95	-74.48
Vrx, V2(WL [dBm])	-63.48	-61.59	-62.52	-62.53	-74.92



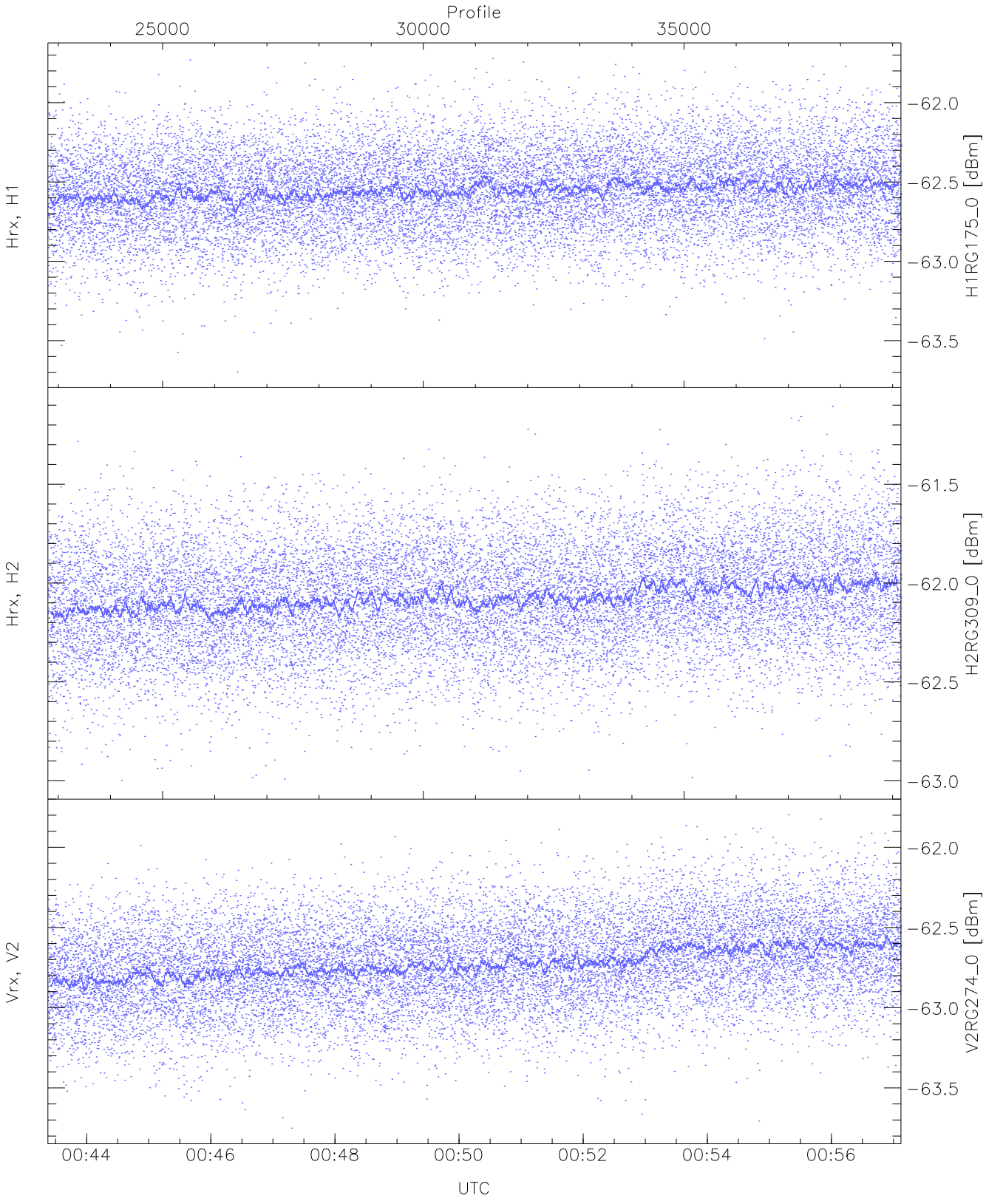
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.62	-60.77	-61.72	-61.72	-74.29
Hrx, H2(HL [dBm])	-62.81	-60.75	-61.72	-61.73	-74.28
Vrx, V2(HL [dBm])	-63.33	-61.38	-62.31	-62.31	-74.76



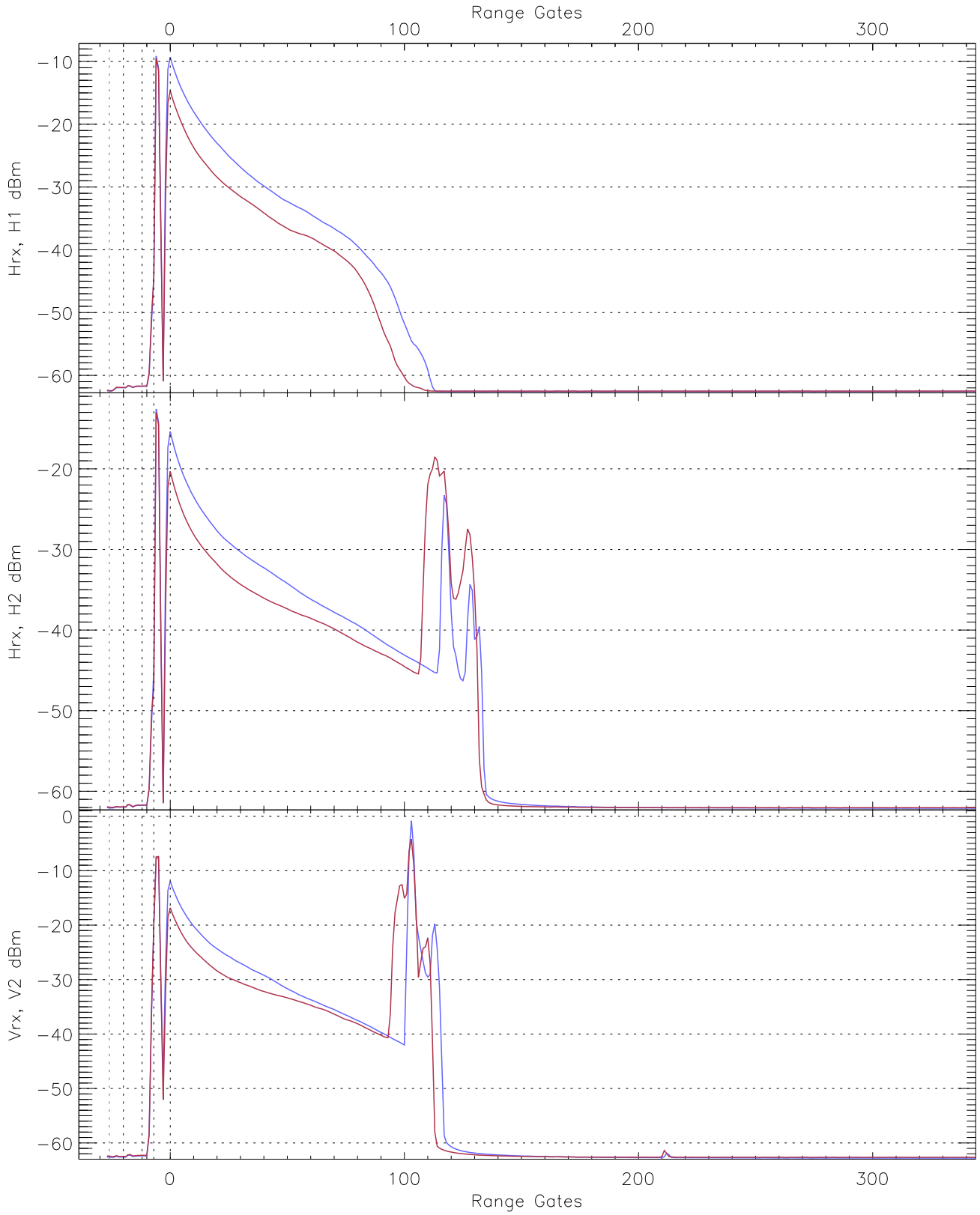
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.53	-61.52	-62.45	-62.46	-74.96
Hrx, H2(RM [dBm])	-63.11	-61.00	-62.01	-62.01	-74.48
Vrx, V2(RM [dBm])	-63.61	-61.55	-62.48	-62.49	-74.73

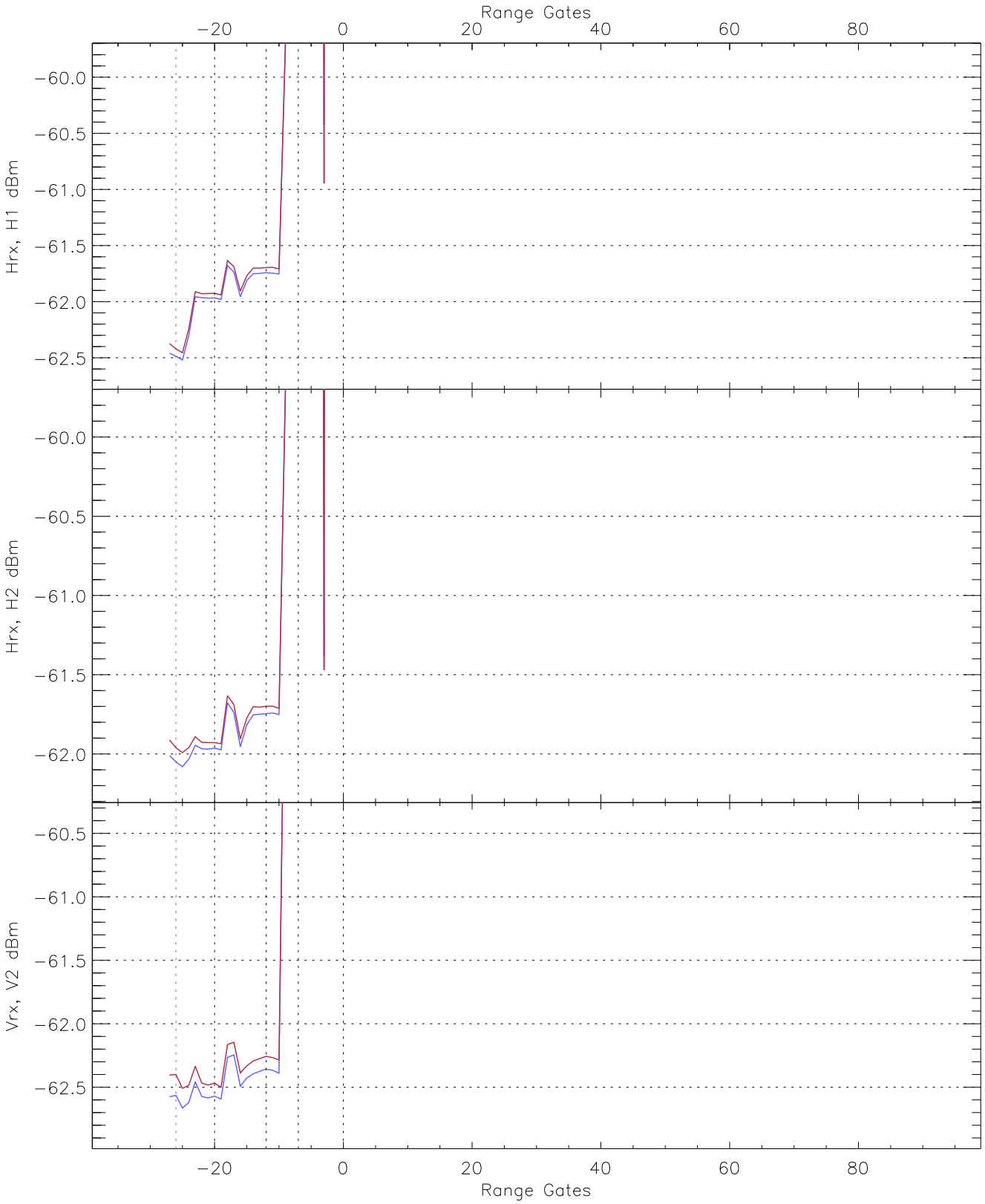


WCR2 CPP "Best" estimate Receivers Noise Power

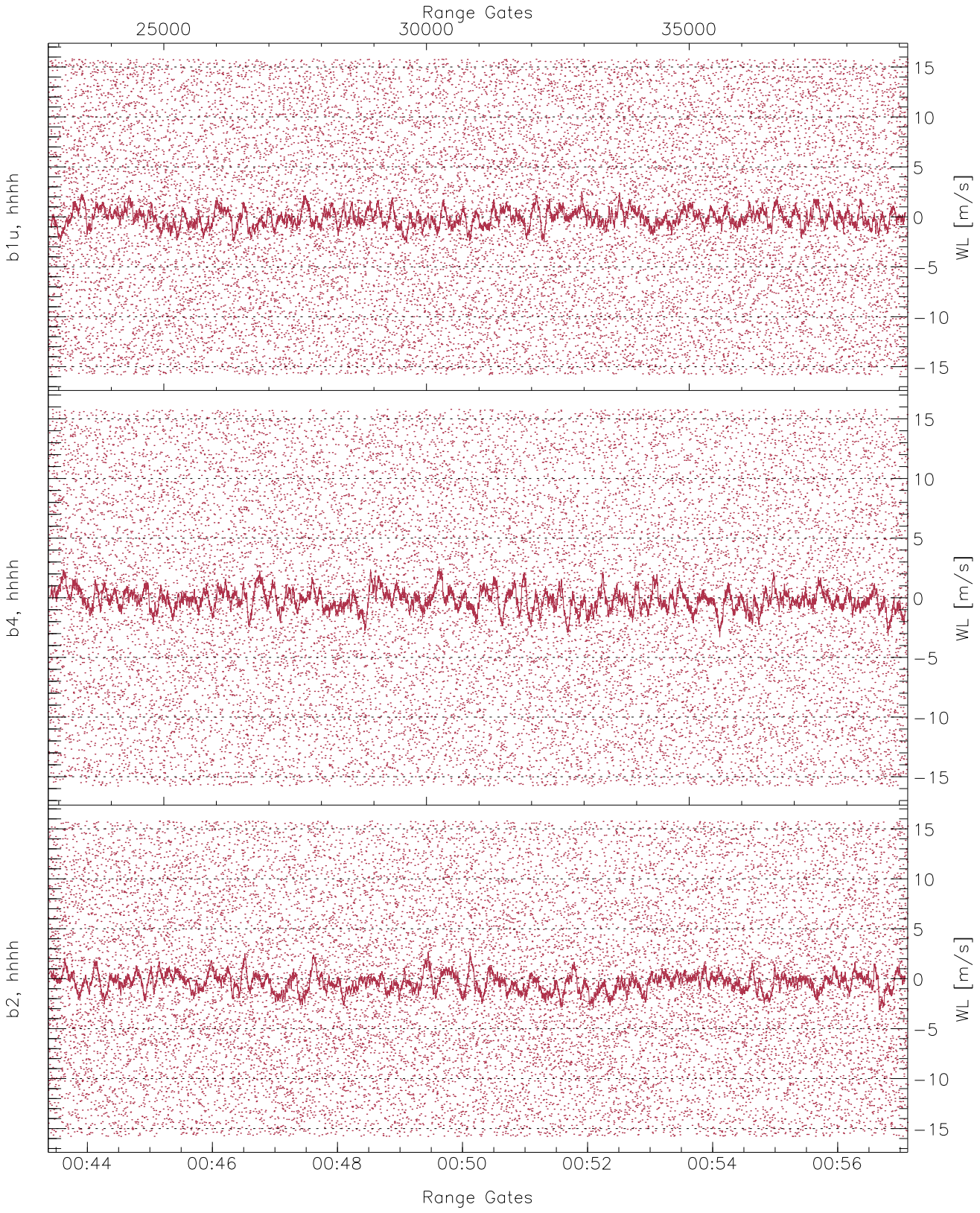
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.70	-61.72	-62.55	-62.55	-75.09
H2RG309_0 [dBm]	-63.00	-61.11	-62.07	-62.08	-74.53
V2RG274_0 [dBm]	-63.75	-61.80	-62.72	-62.72	-75.06



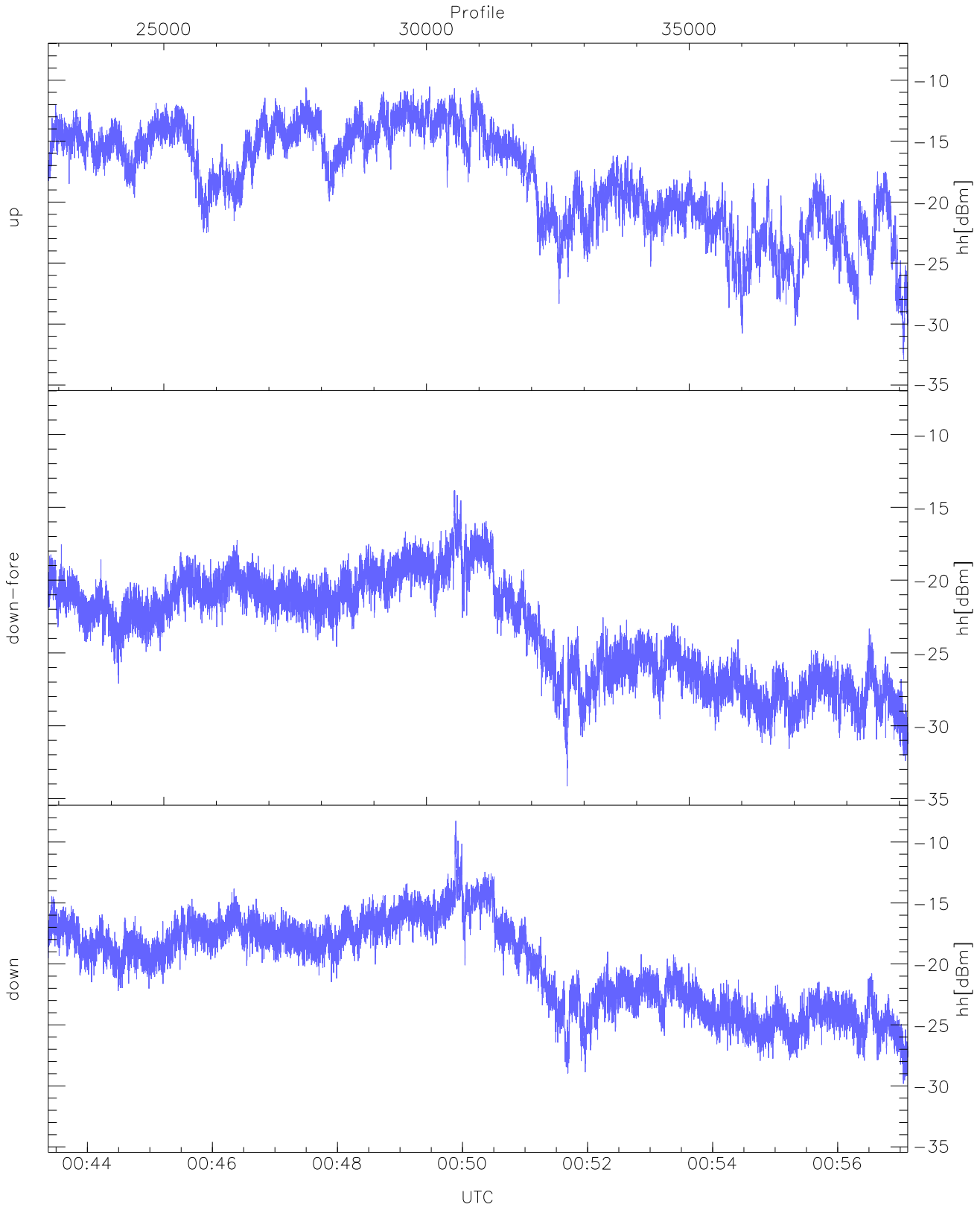
WCR2 CPP Averaged Received power for all recorded gates
blue: 004322-005015, 8181 profiles averaged
red: 005015-005707, 8181 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 004322-005015, 8181 profiles averaged
red: 005015-005707, 8181 profiles averaged

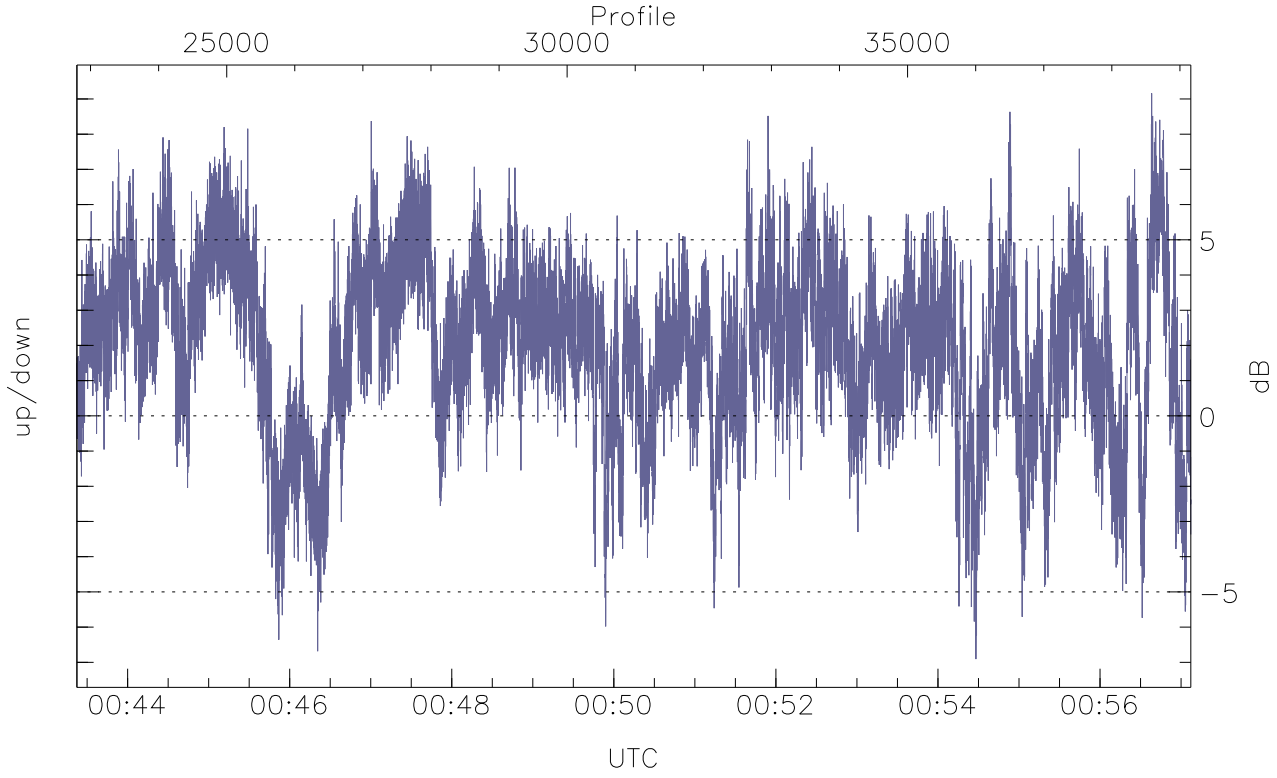


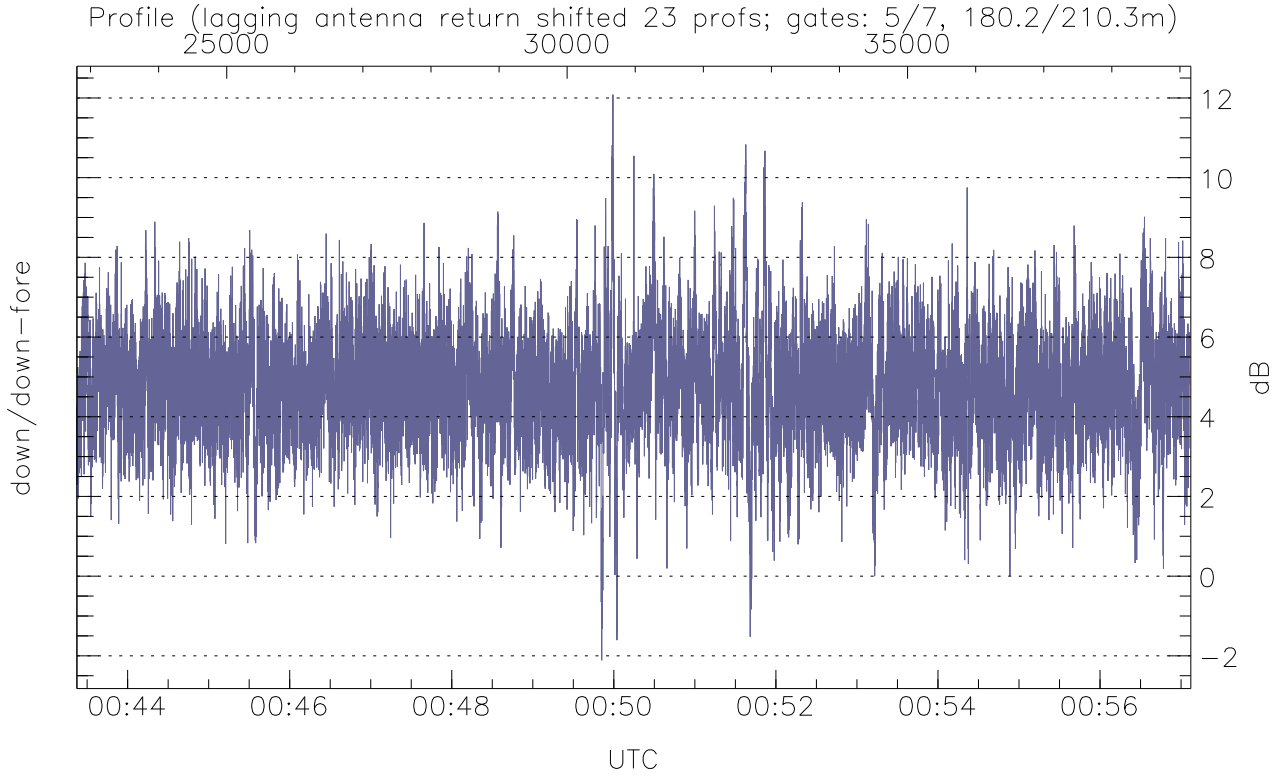
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

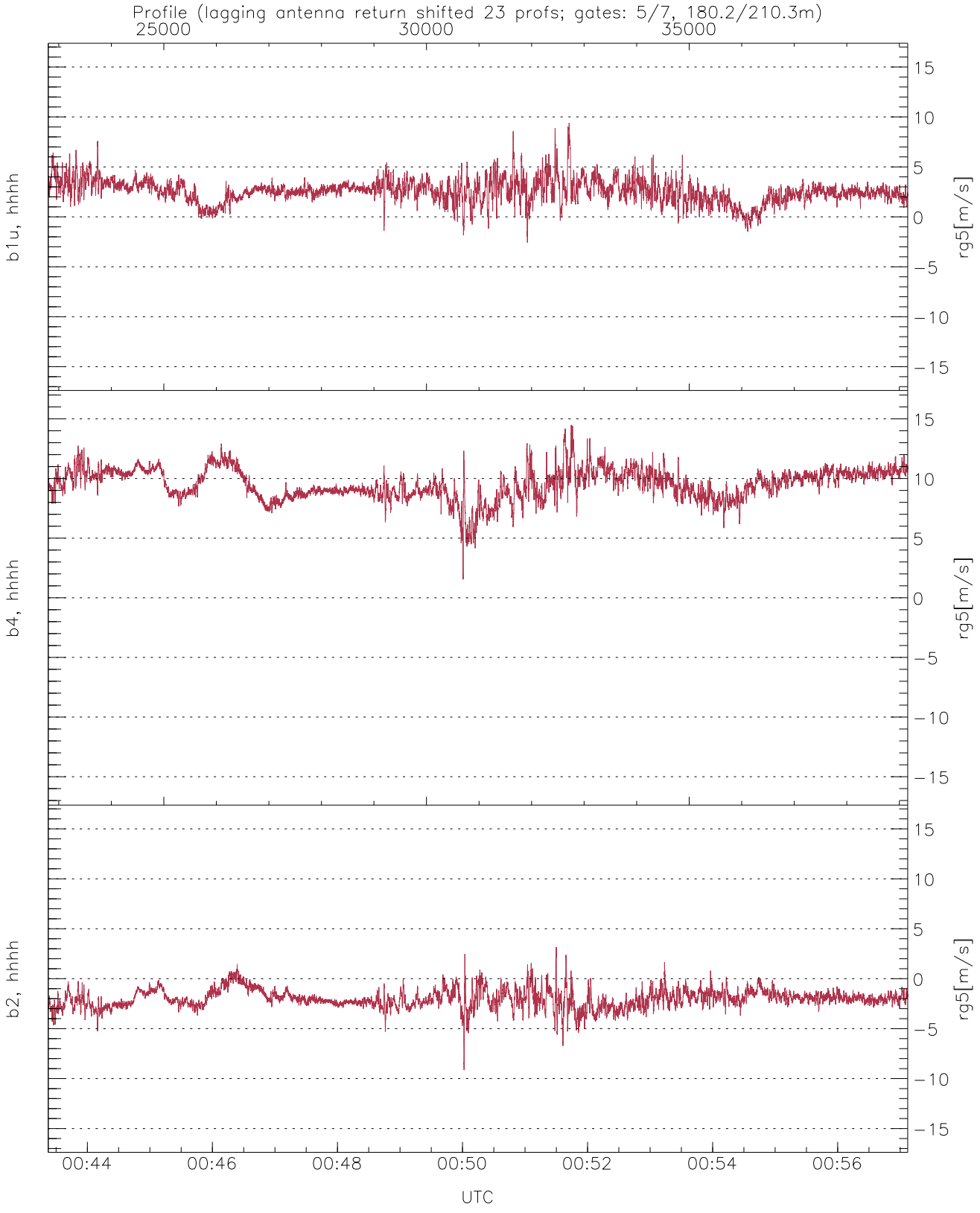
	Min	Max	Mean
up(hh[dBm])	-32.89	-10.53	-16.44
down-fore(hh[dBm])	-34.15	-13.83	-22.08
down(hh[dBm])	-29.82	-8.27	-18.69





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

	Min	Max	Mean
up/down(dB)	-6.91	9.16	1.99
down/down-fore(dB)	-2.11	12.09	4.78



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.58	9.41	2.57	1.17
b4, hhhh(rg5[m/s])	1.55	14.49	9.53	1.28
b2, hhhh(rg5[m/s])	-9.14	3.16	-1.99	0.93