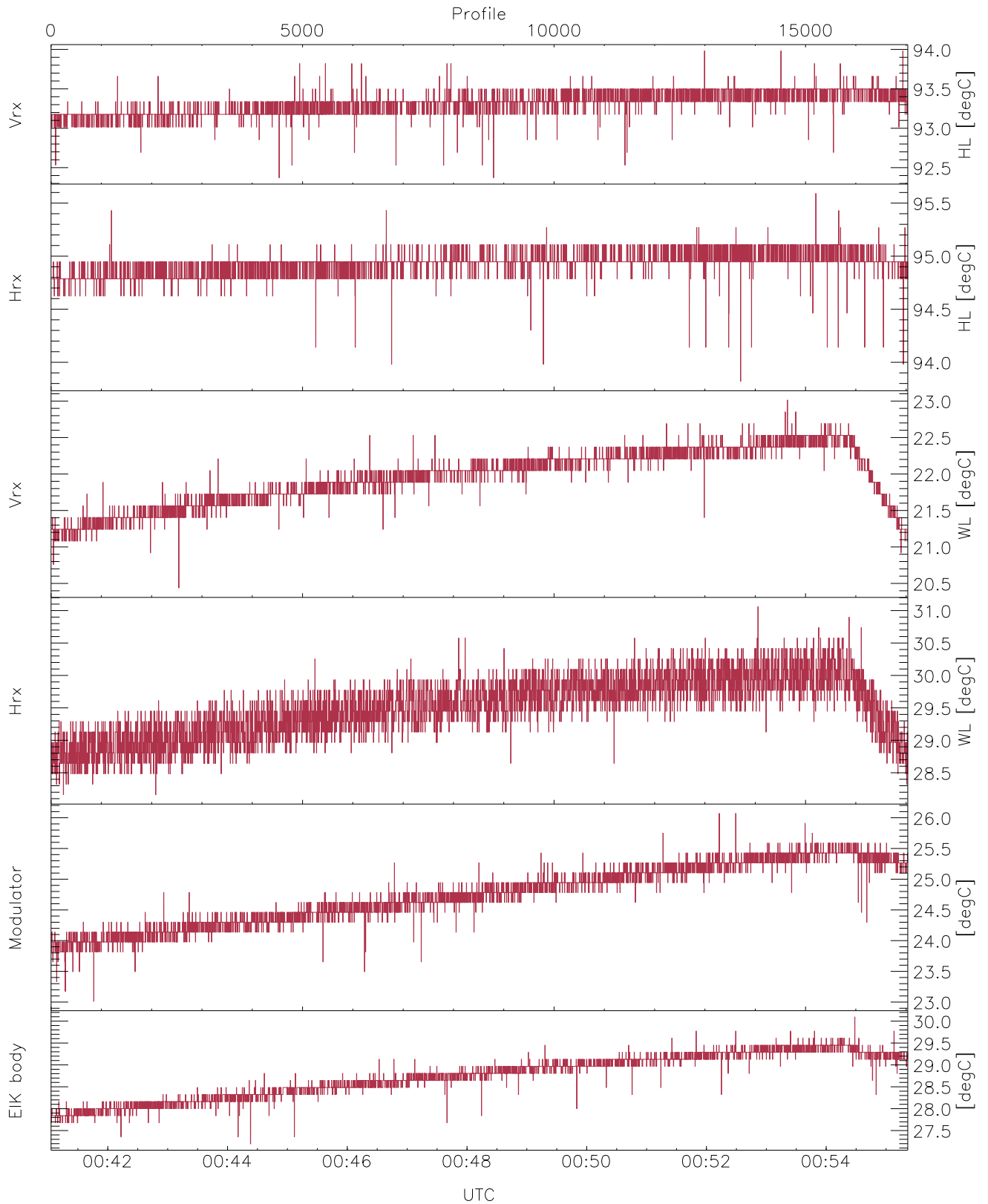


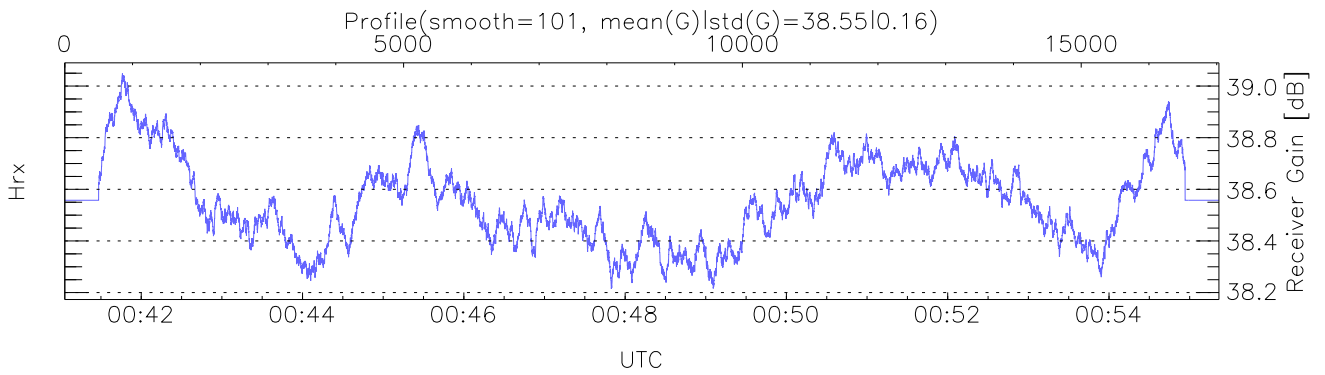
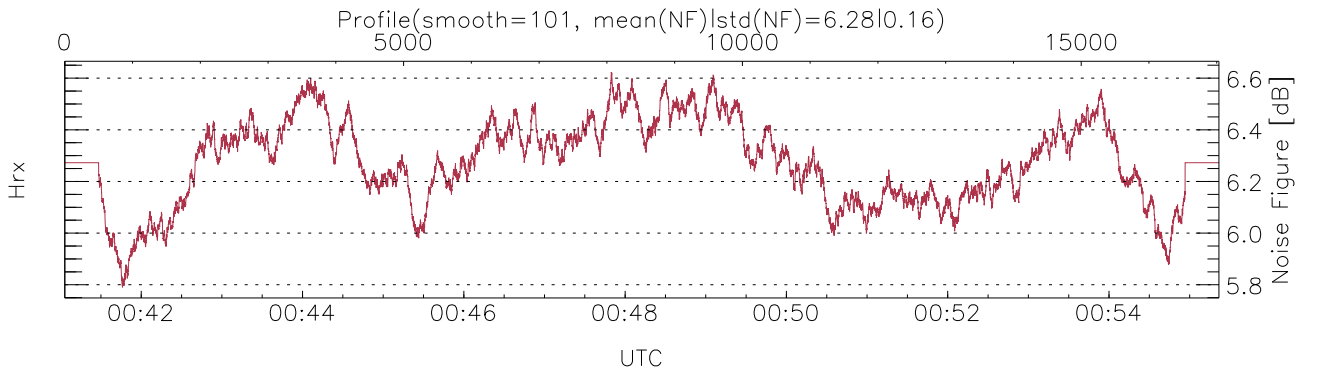
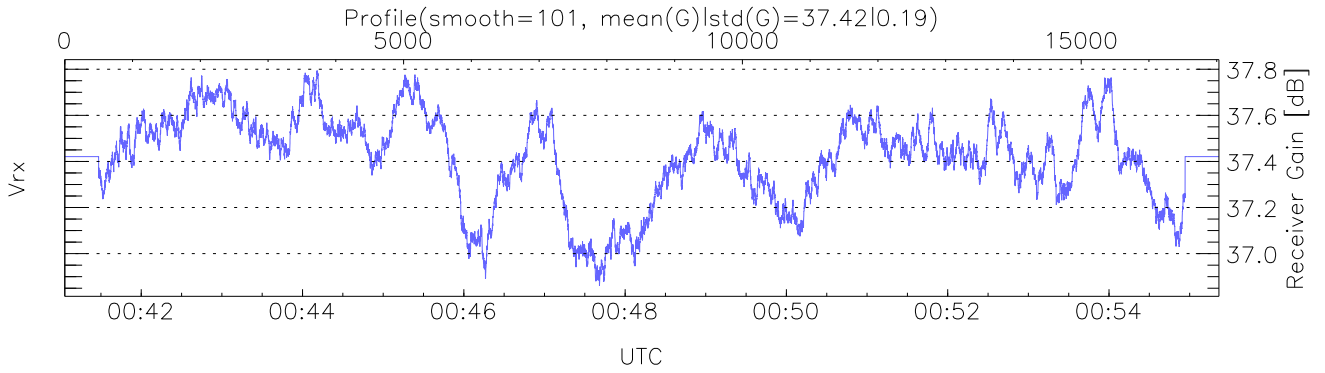
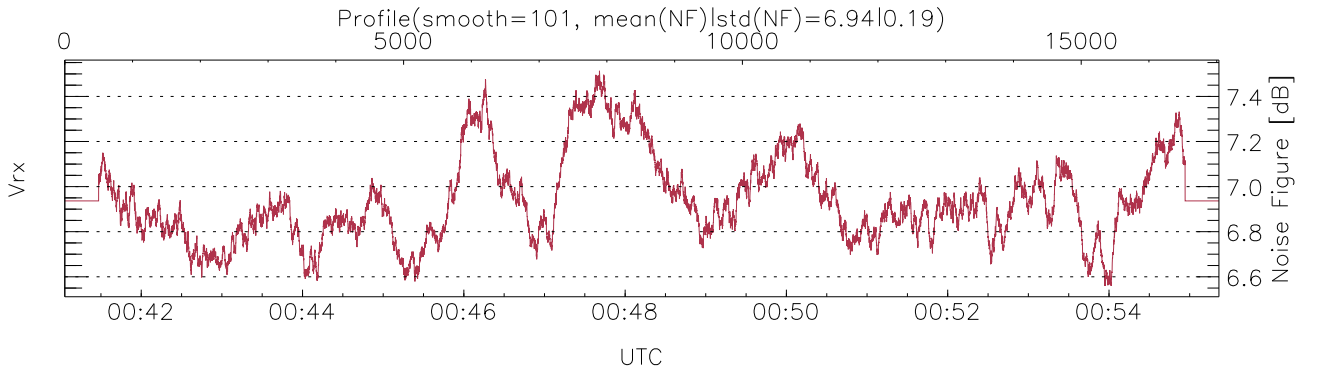
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:41:03-00:55:22, Dur: 858.68s
 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): 17034/17034, 0-17033/00:41:03-00:55:22
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



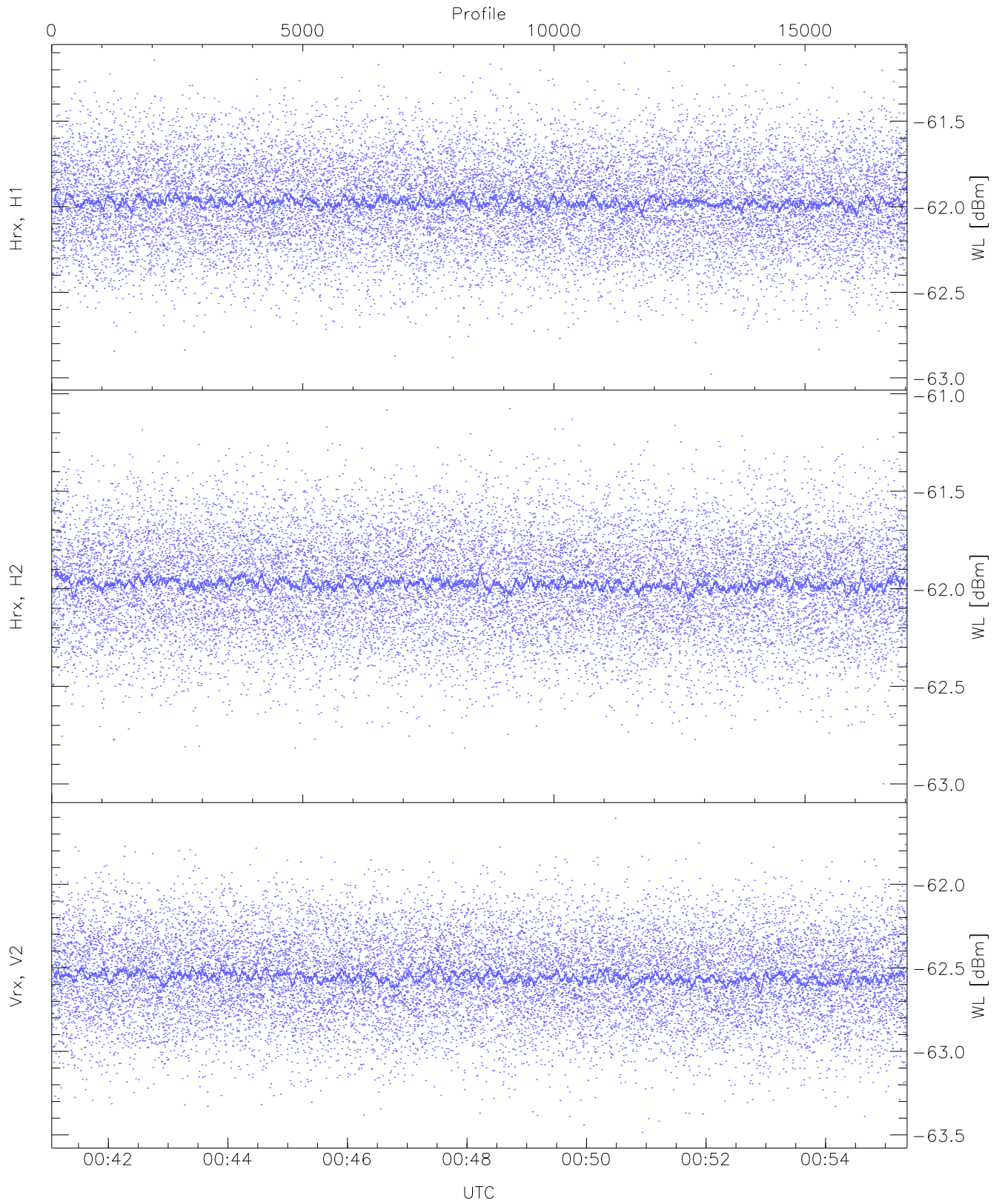
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,20,28,23,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,31,26,30`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,10,10,5,11)`



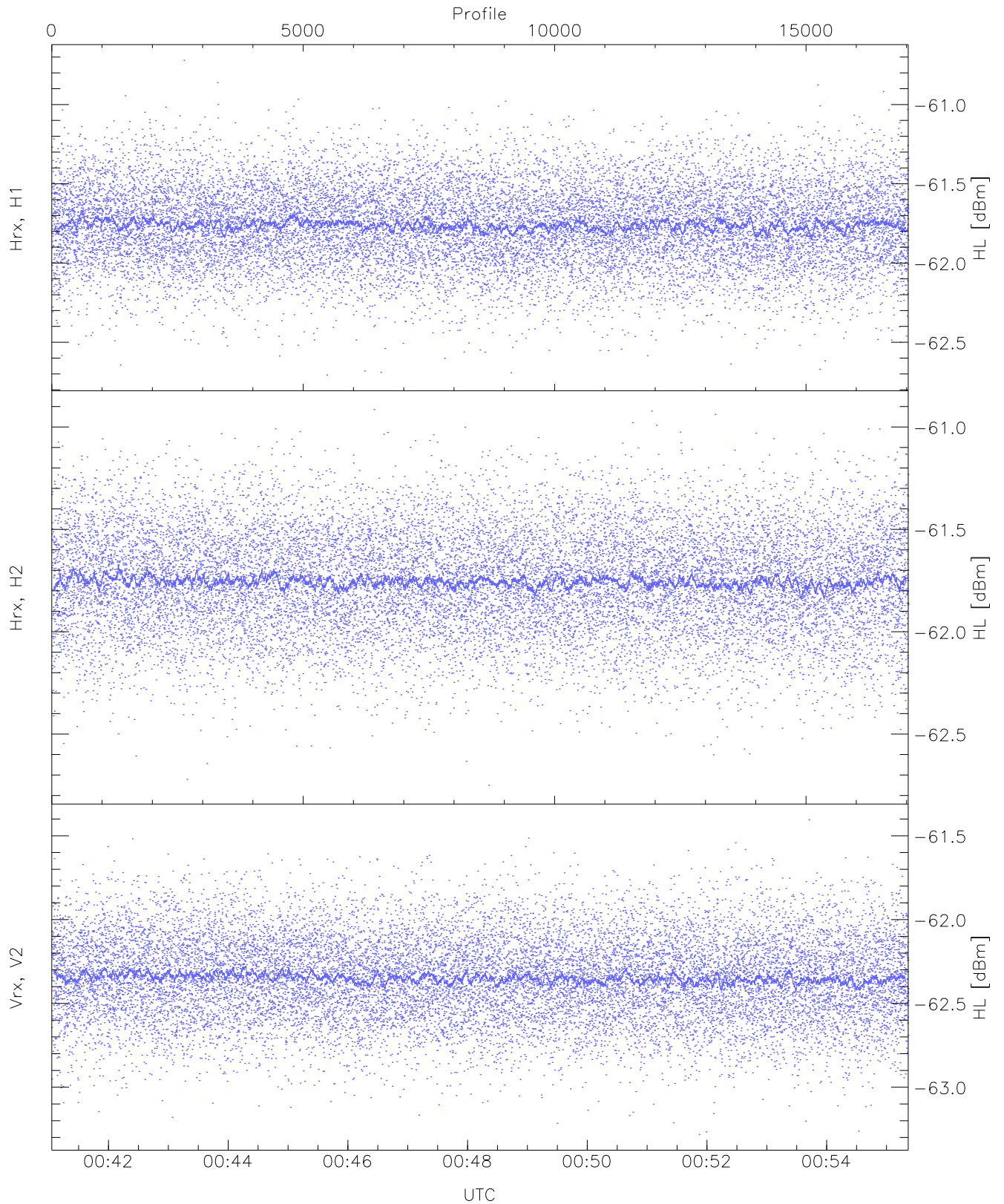
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 570 pixs, 9 gates, 534 profs, 1 prods



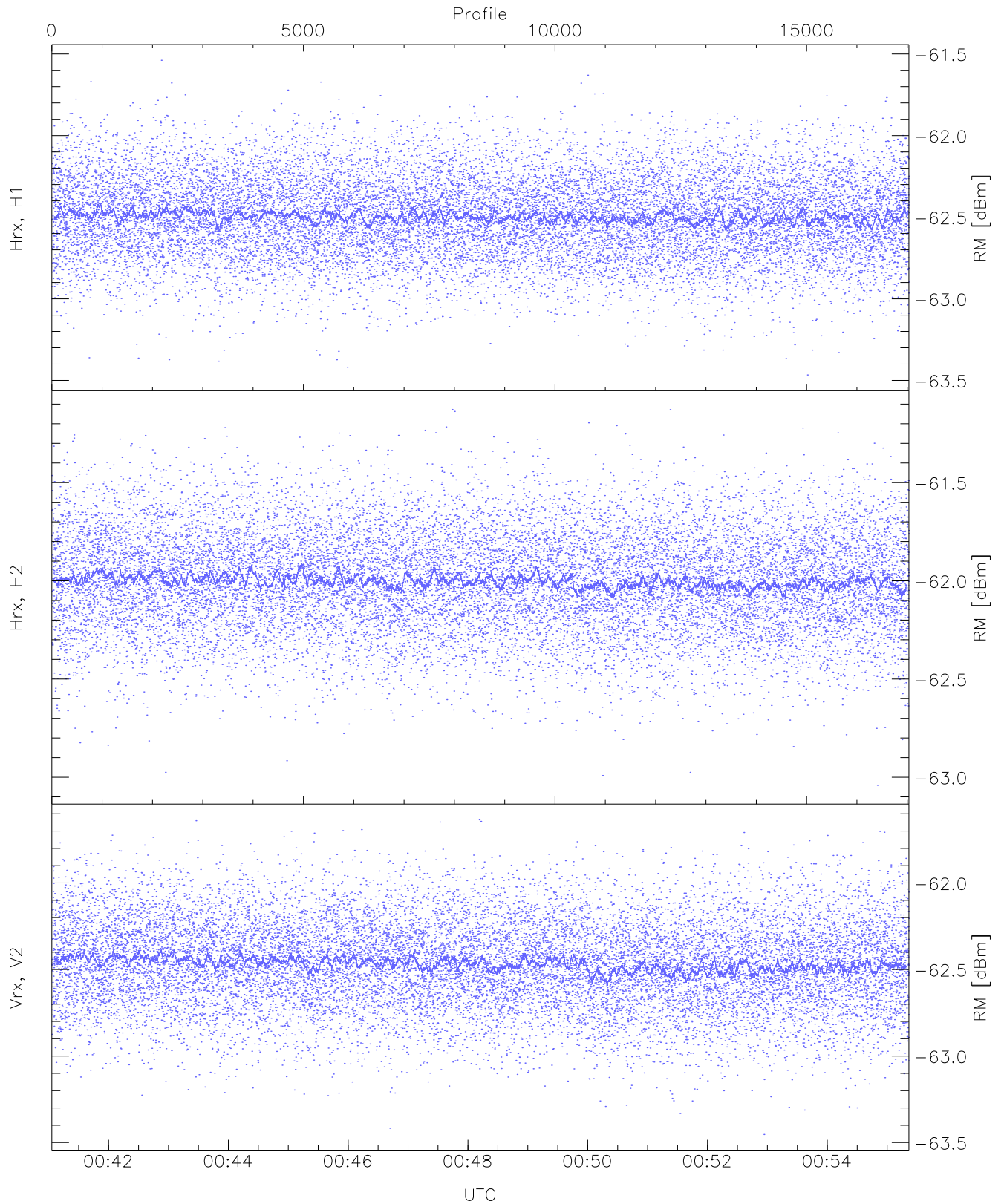
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.98	-61.14	-61.97	-61.98	-74.49
Hrx, H2(WL [dBm])	-63.00	-61.08	-61.97	-61.97	-74.57
Vrx, V2(WL [dBm])	-63.48	-61.61	-62.55	-62.56	-75.11



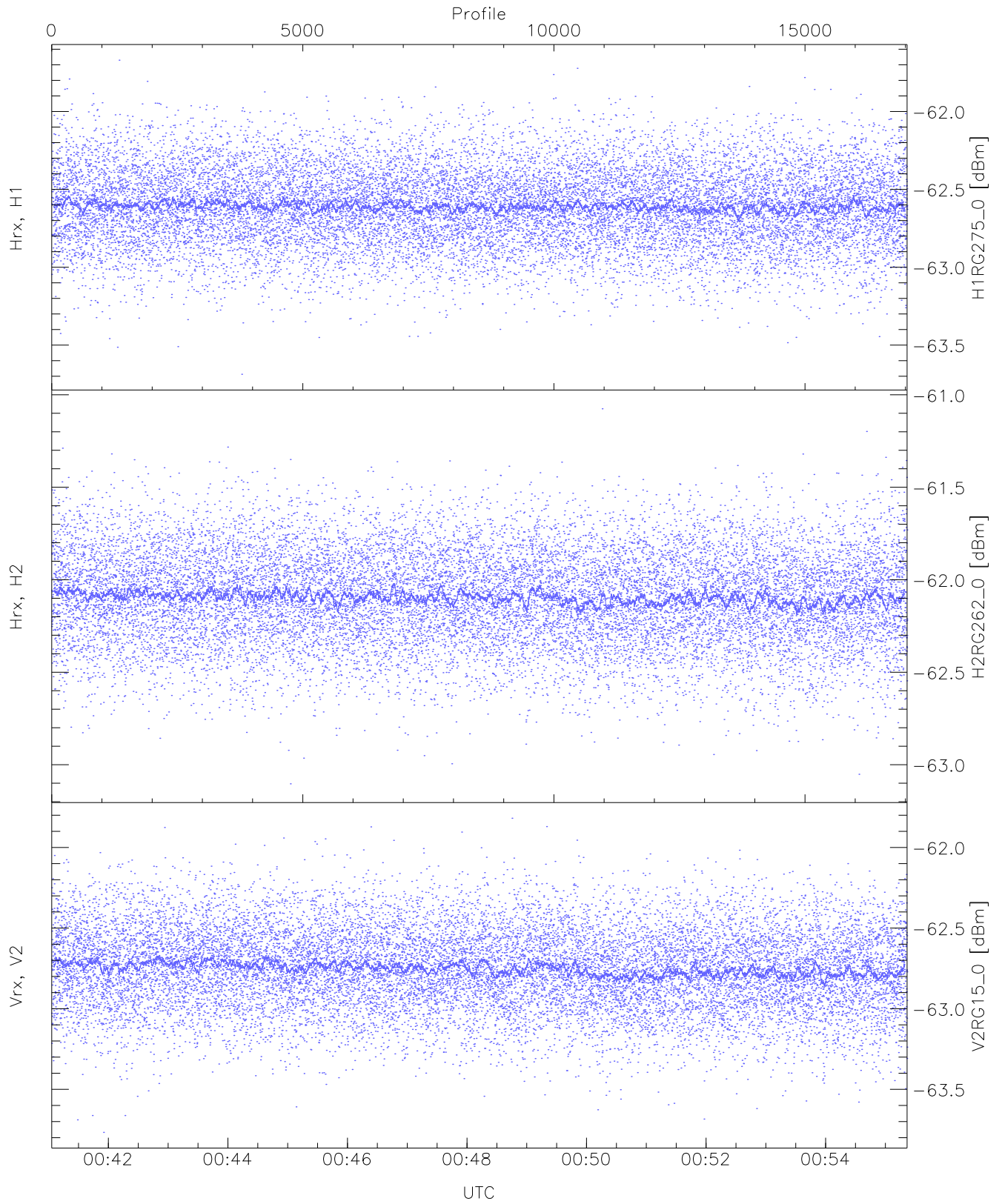
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.71	-60.72	-61.76	-61.76	-74.30
Hrx, H2 (HL [dBm])	-62.75	-60.91	-61.75	-61.76	-74.36
Vrx, V2 (HL [dBm])	-63.28	-61.40	-62.34	-62.35	-74.89



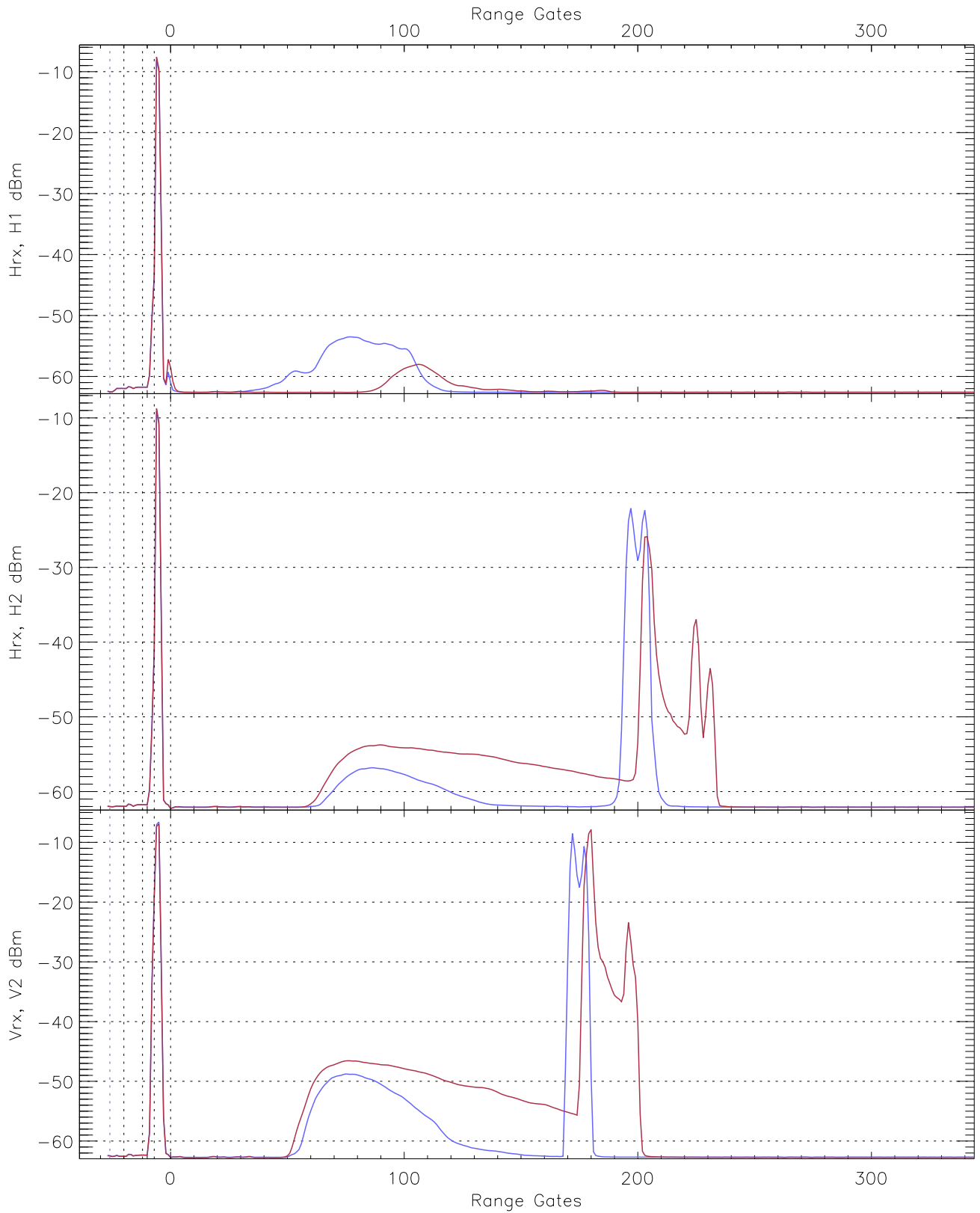
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.47	-61.54	-62.49	-62.50	-75.07
Hrx, H2 (RM [dBm])	-63.04	-61.13	-62.00	-62.00	-74.54
Vrx, V2 (RM [dBm])	-63.45	-61.63	-62.46	-62.47	-75.02

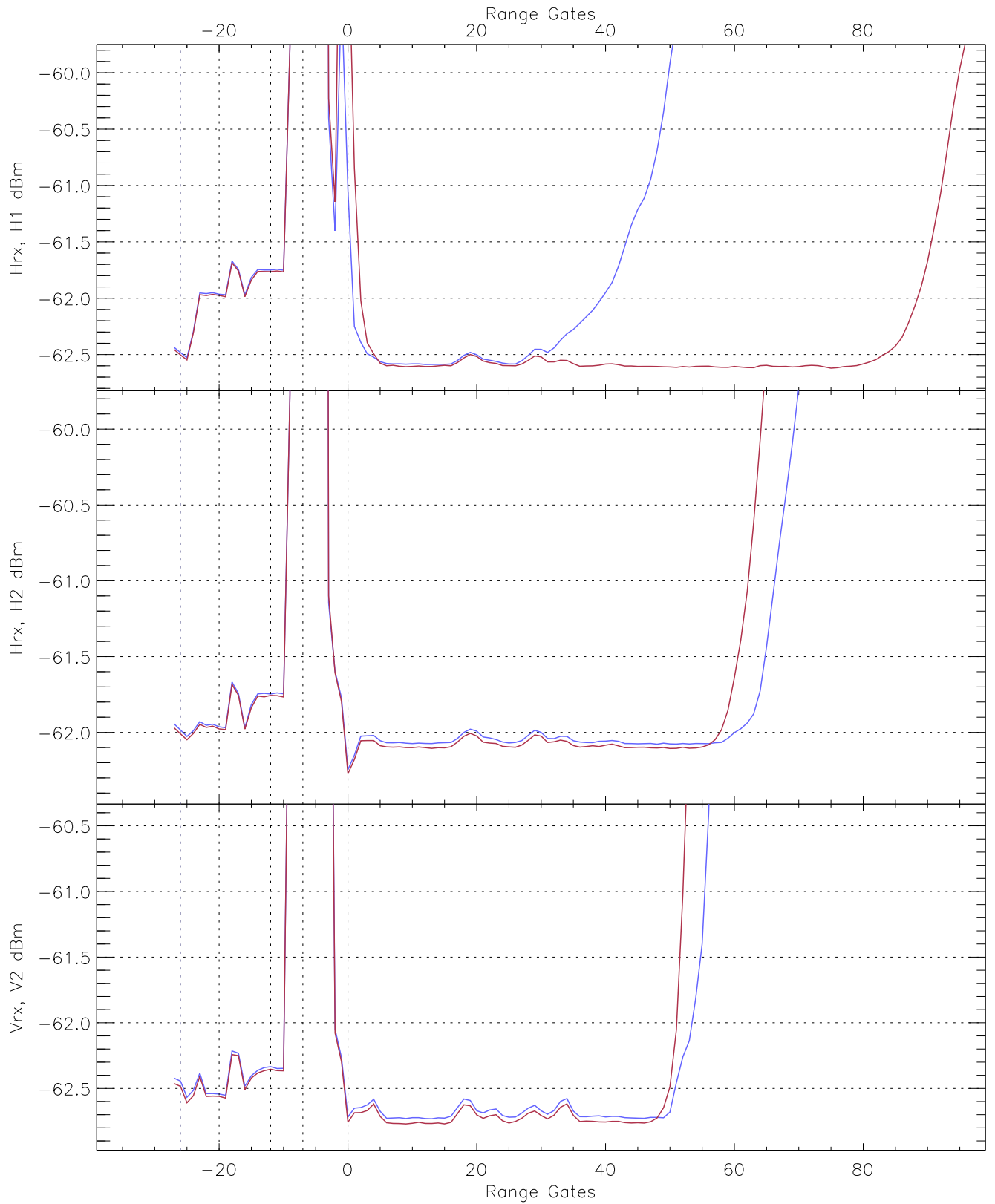


WCR2 CPP "Best" estimate Receivers Noise Power

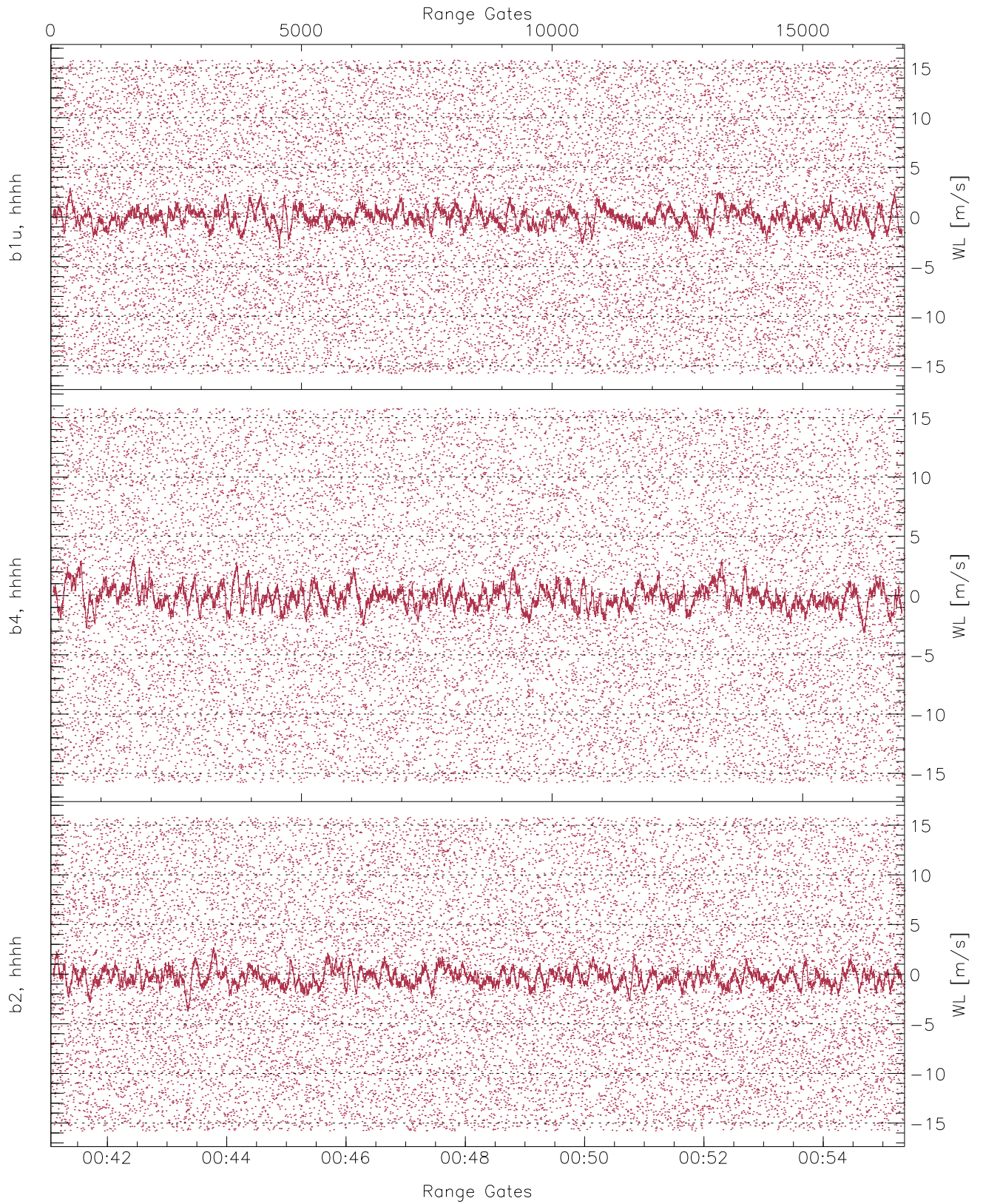
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.69	-61.67	-62.61	-62.61	-75.17
H2RG262_0 [dBm]	-63.10	-61.08	-62.09	-62.10	-74.64
V2RG15_0 [dBm]	-63.77	-61.82	-62.75	-62.75	-75.29



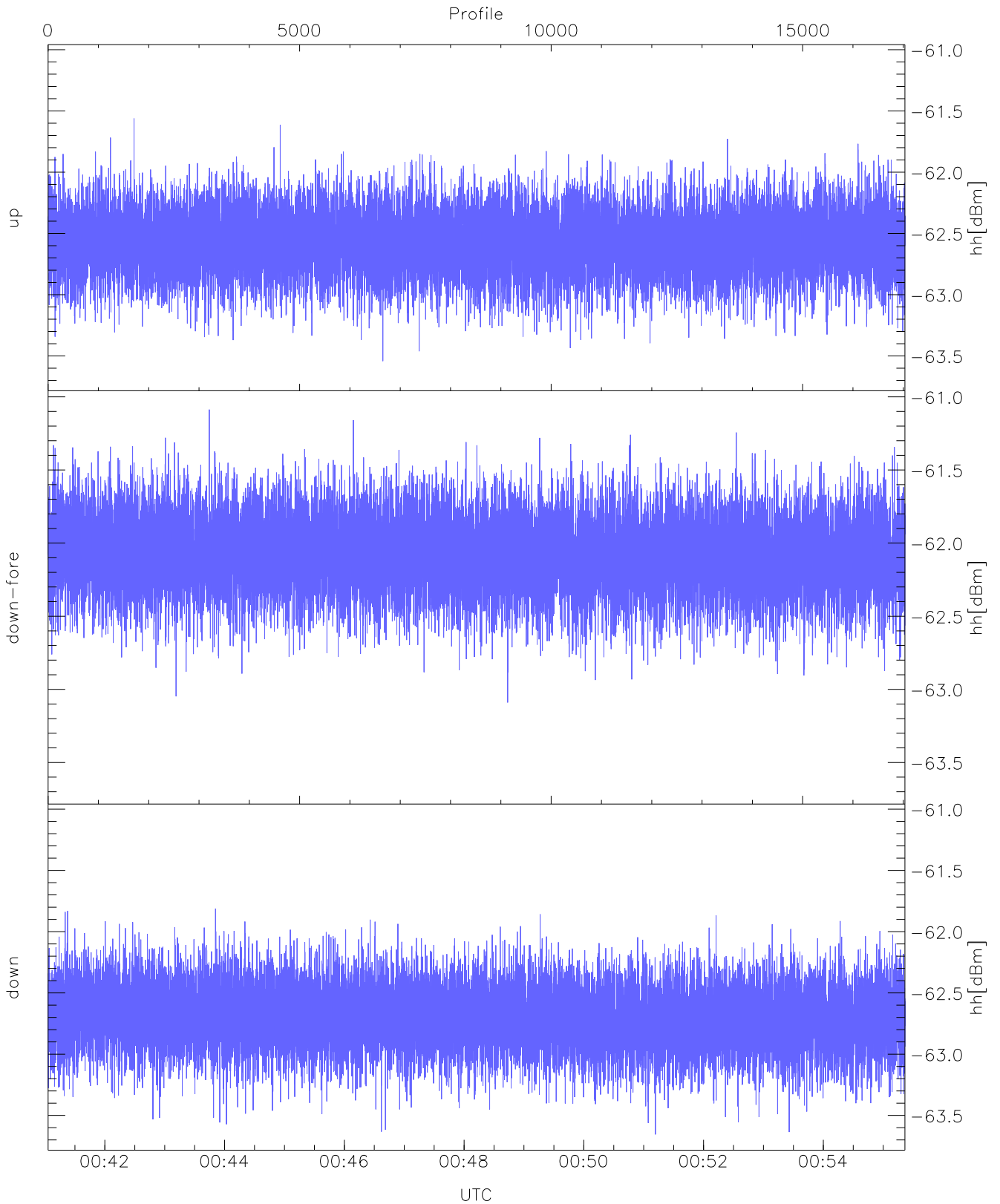
WCR2 CPP Averaged Received power for all recorded gates
blue: 004103-004812, 8518 profiles averaged
red: 004812-005522, 8517 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 004103-004812, 8518 profiles averaged
red: 004812-005522, 8517 profiles averaged

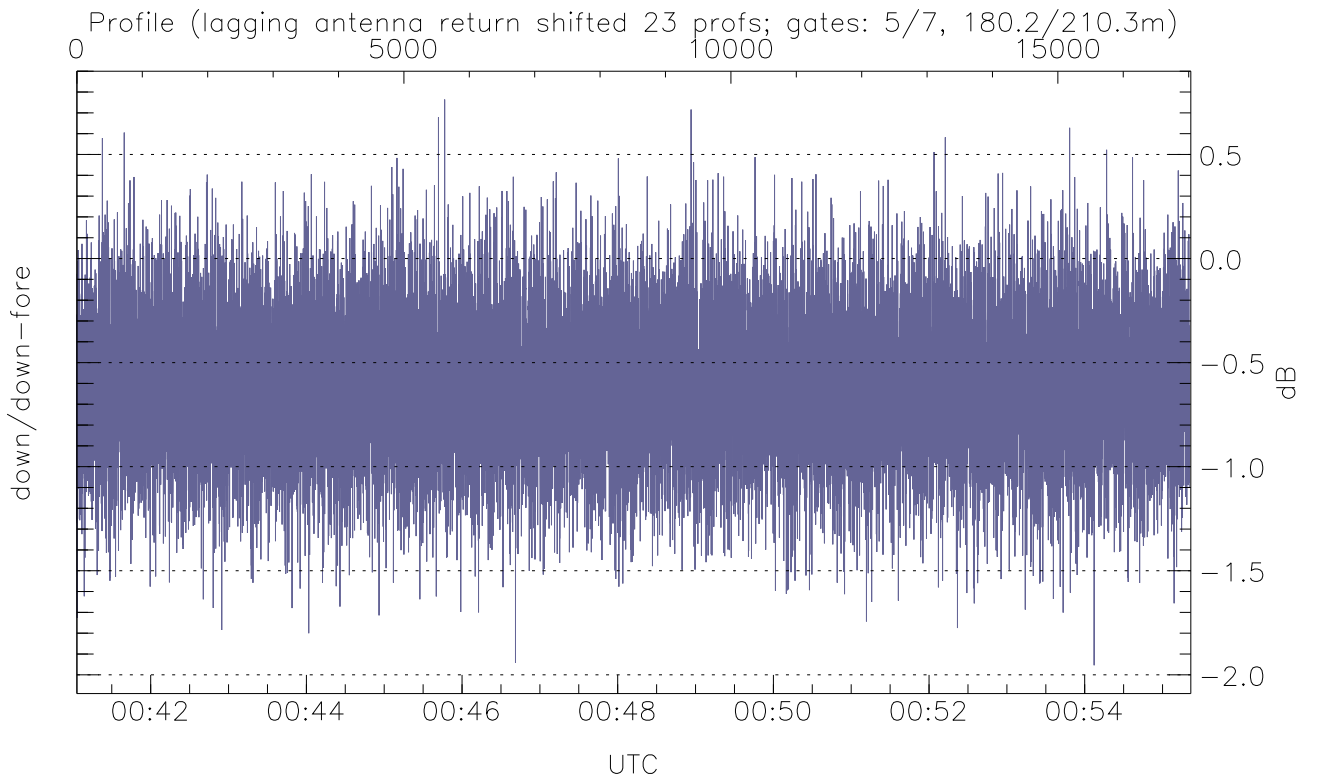
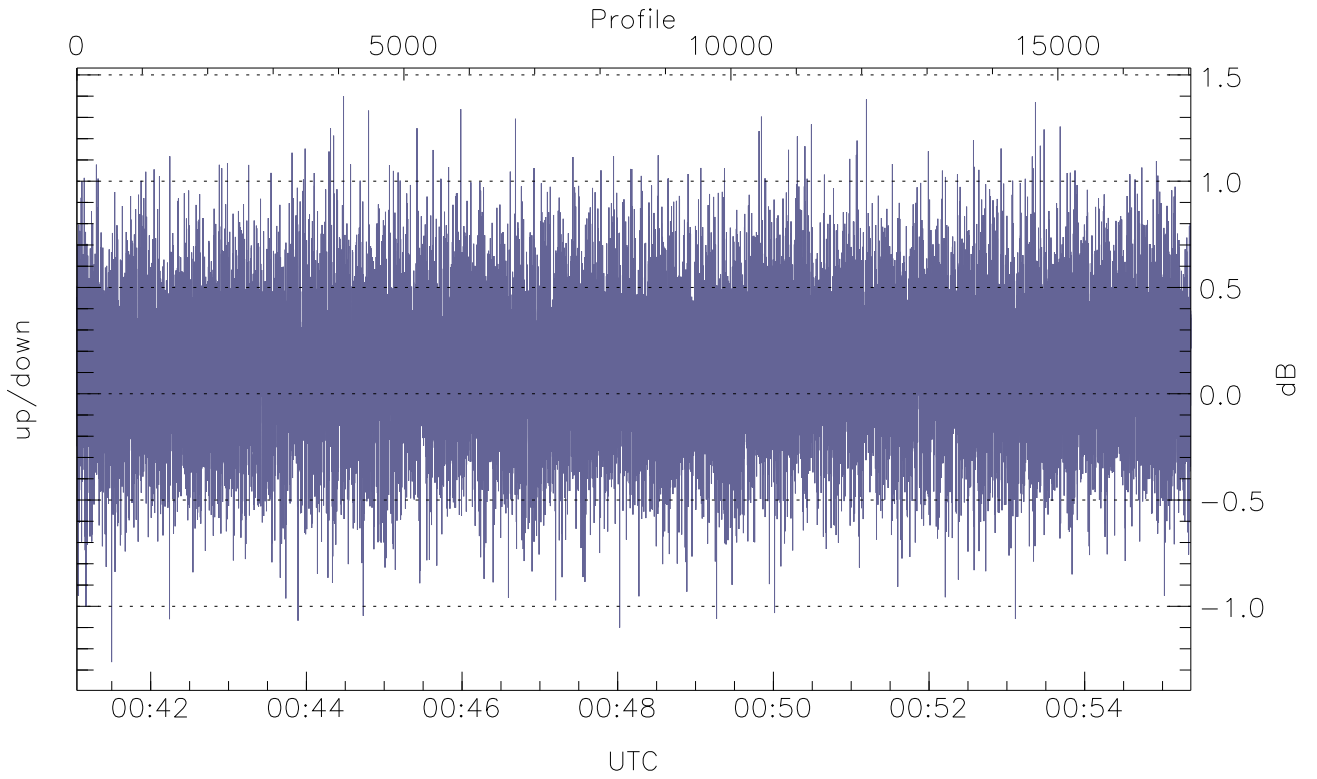


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



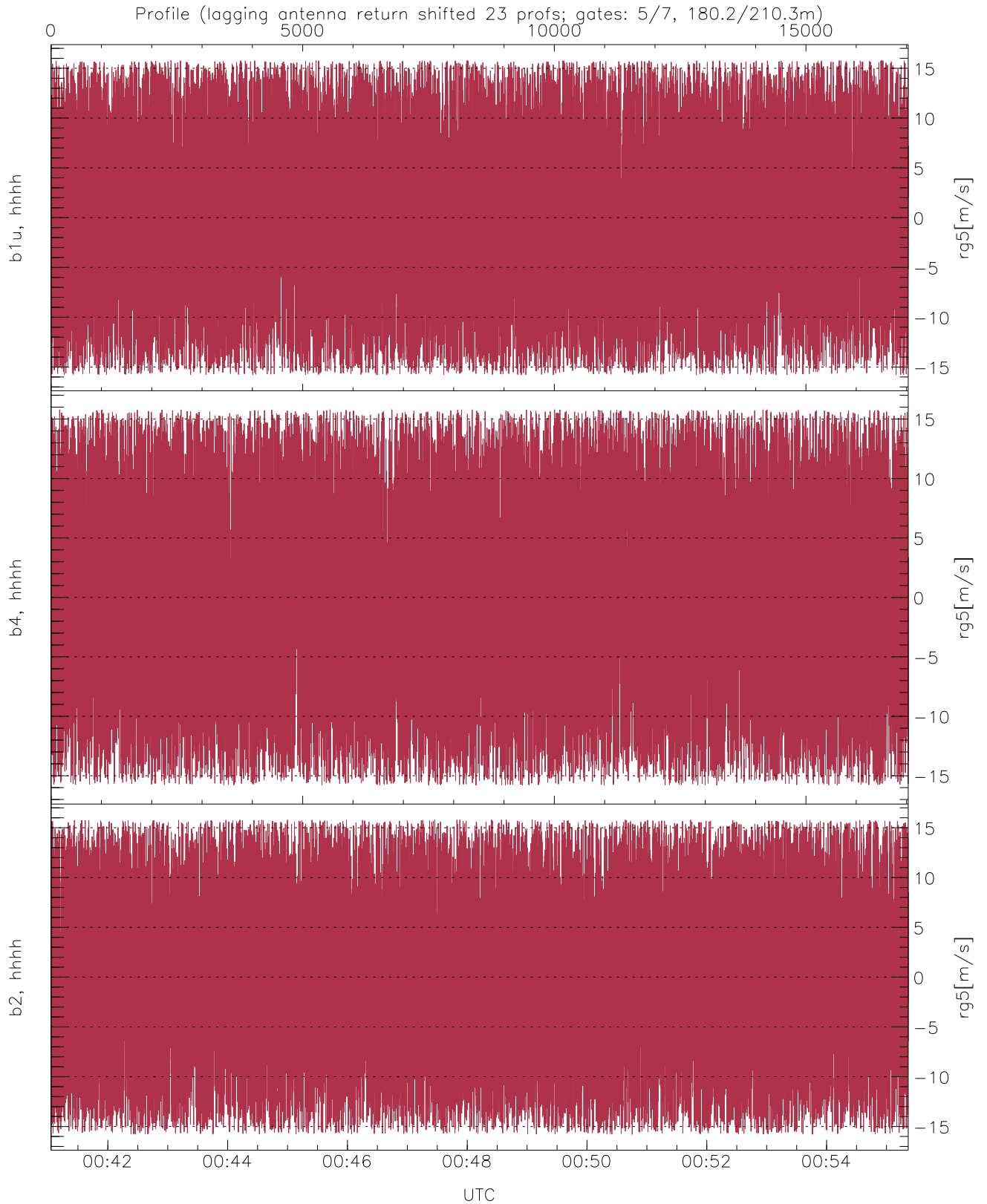
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.54	-61.56	-62.57
down-fore(hh[dBm])	-63.09	-61.09	-62.07
down(hh[dBm])	-63.66	-61.81	-62.69



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

	Min	Max	Mean
up/down (dB)	-1.26	1.40	0.12
down/down-fore (dB)	-1.95	0.76	-0.61



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.10	8.92
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.18	9.02
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.46	9.02