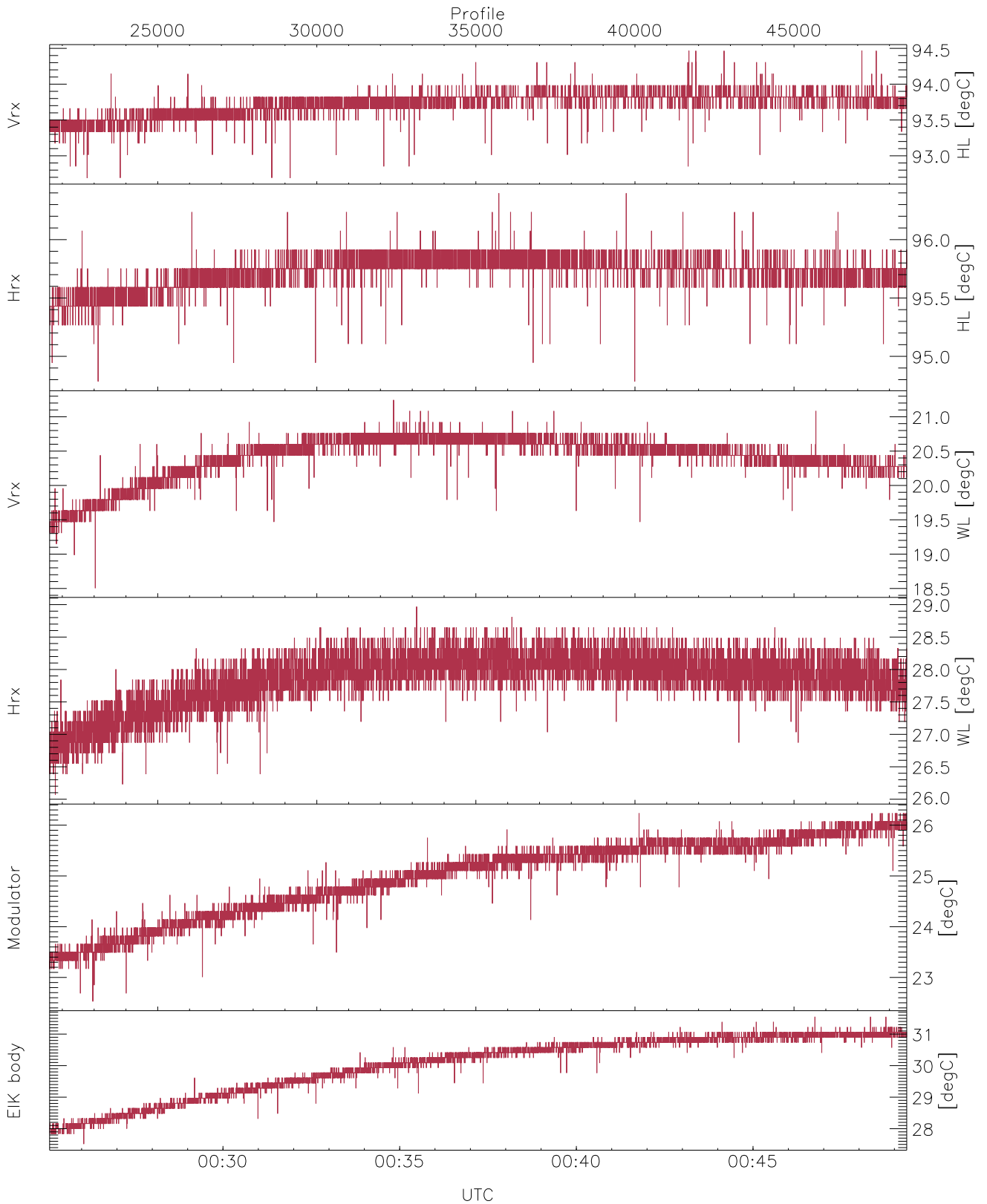


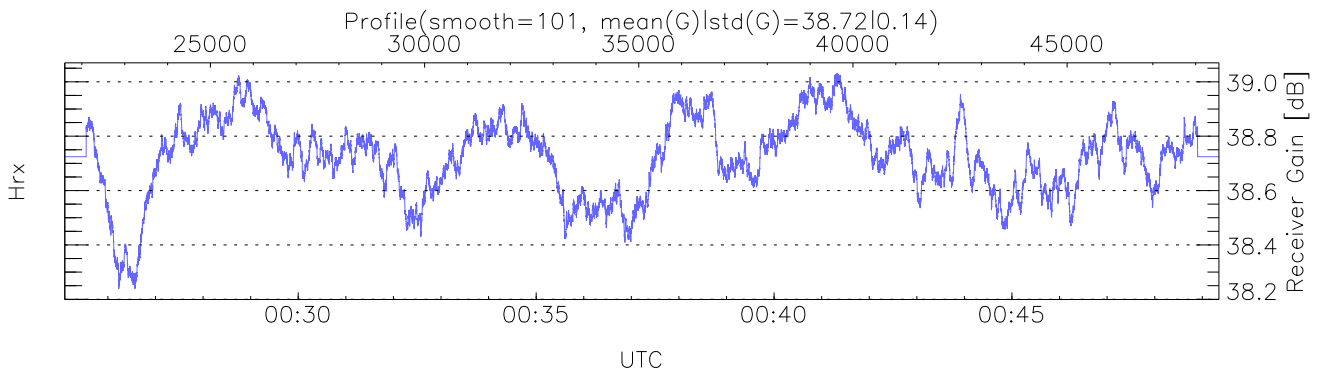
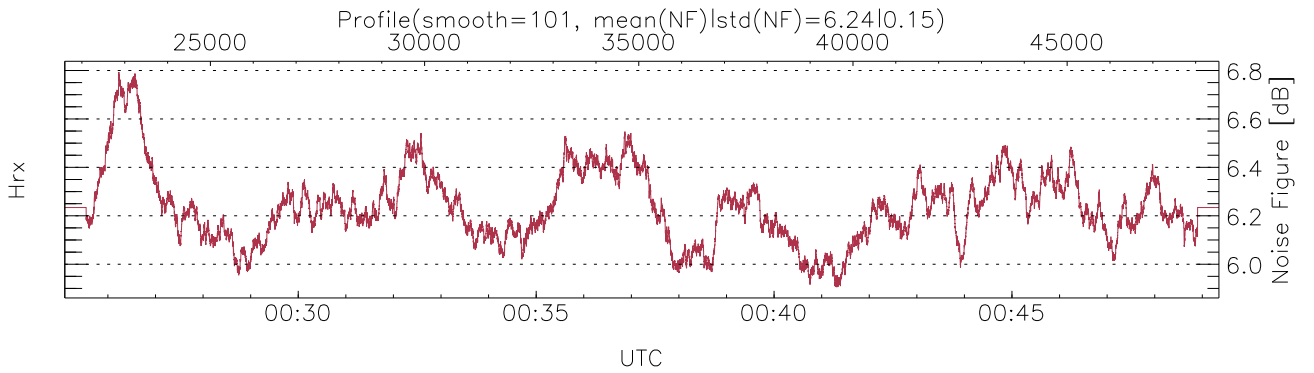
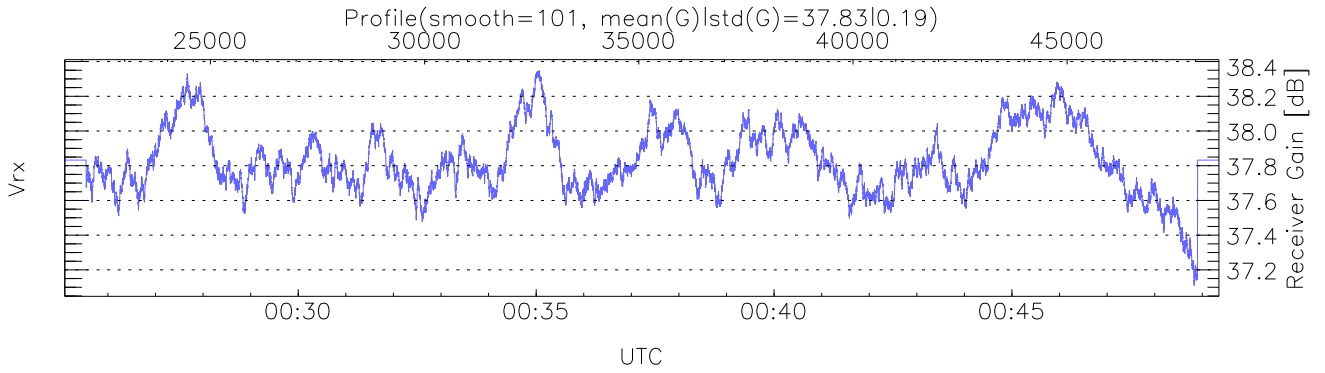
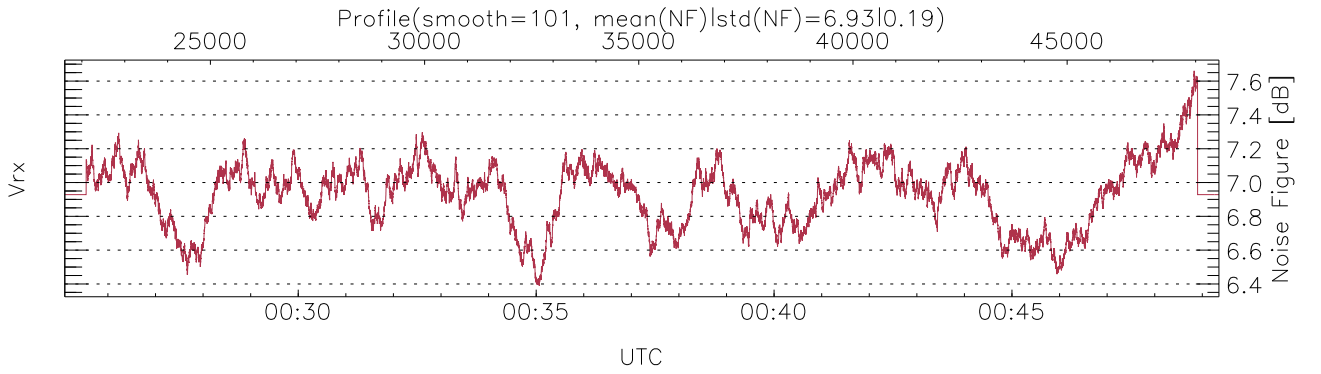
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:05:39-00:49:21, Dur: 2622.03s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 26945/48545, 21600-48544/00:25:06-00:49:21
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



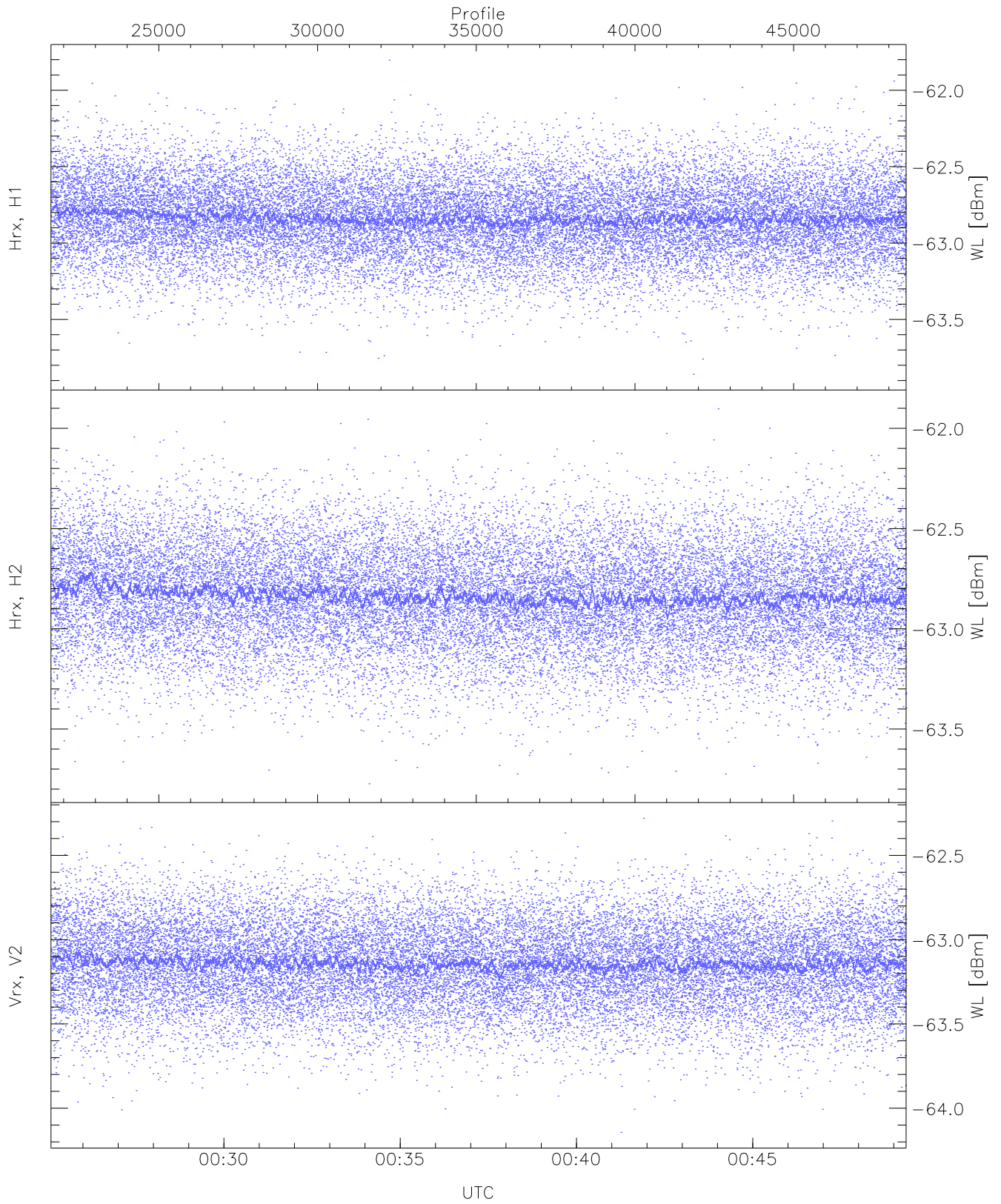
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,26,22,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,26,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (5,5,5,5,5,5)



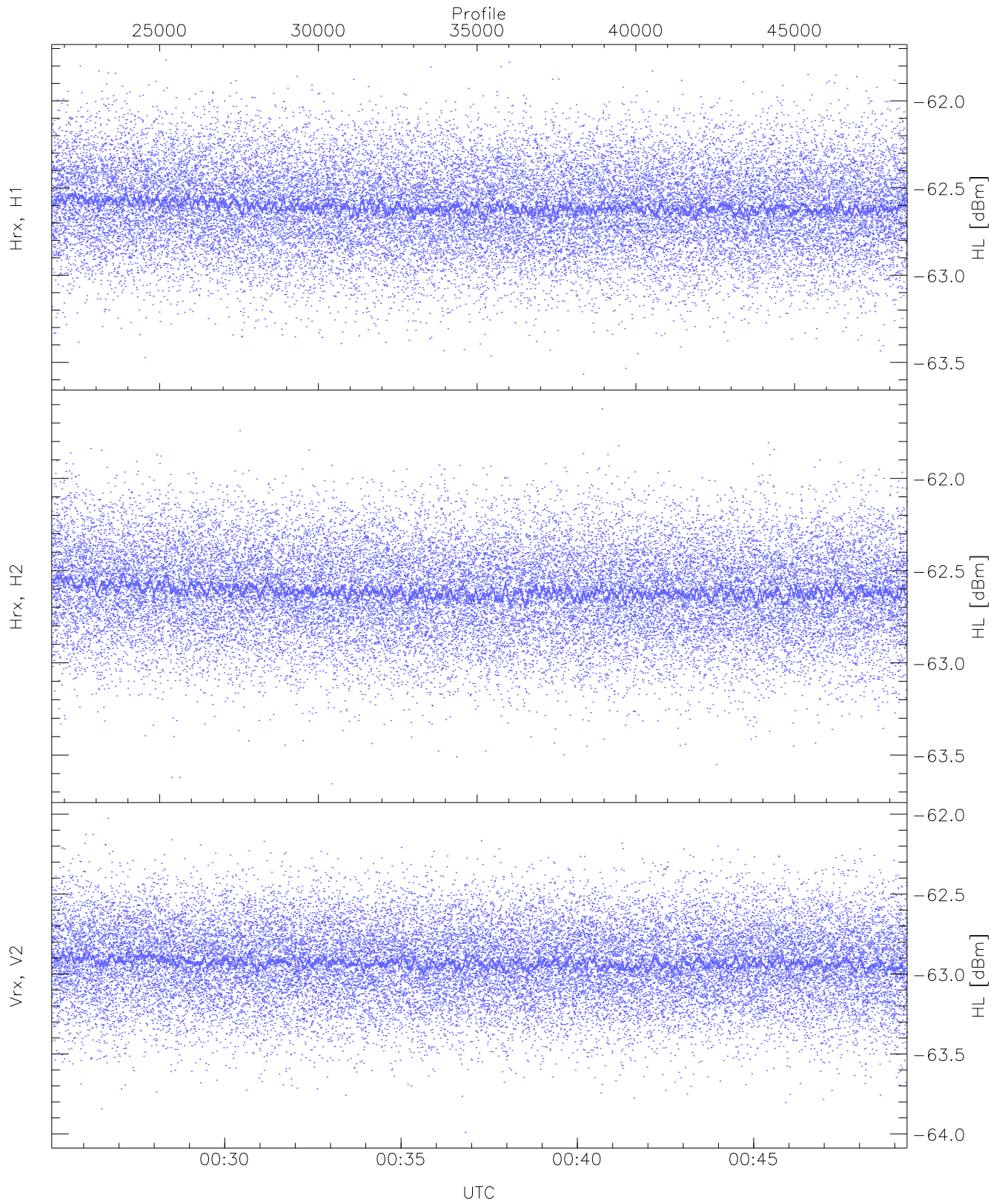
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 12644 pixs, 73 gates, 11552 profs, 2 prods



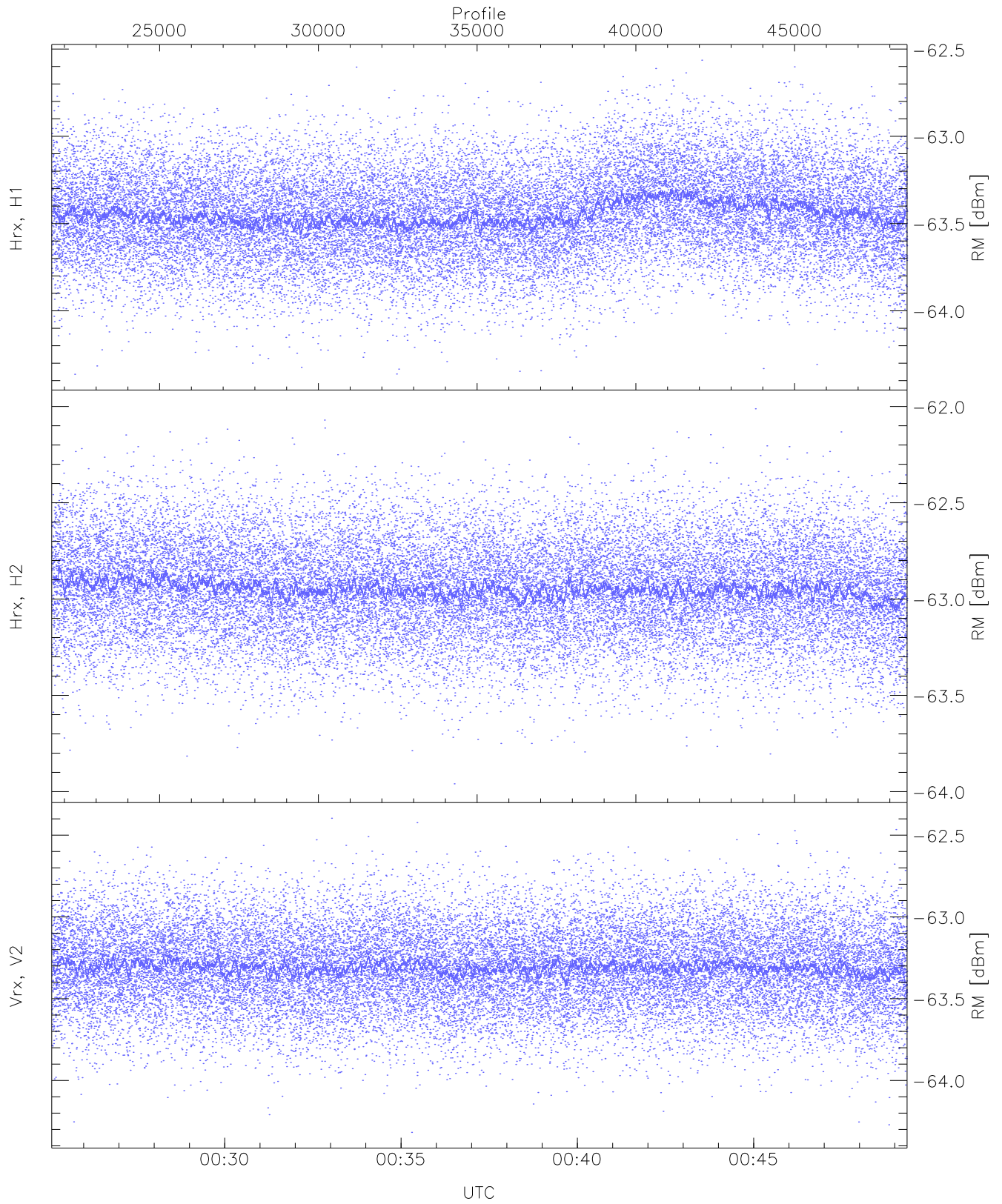
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.86	-61.80	-62.83	-62.84	-75.53
Hrx, H2(WL [dBm])	-63.77	-61.90	-62.83	-62.84	-75.52
Vrx, V2(WL [dBm])	-64.14	-62.28	-63.14	-63.14	-75.88



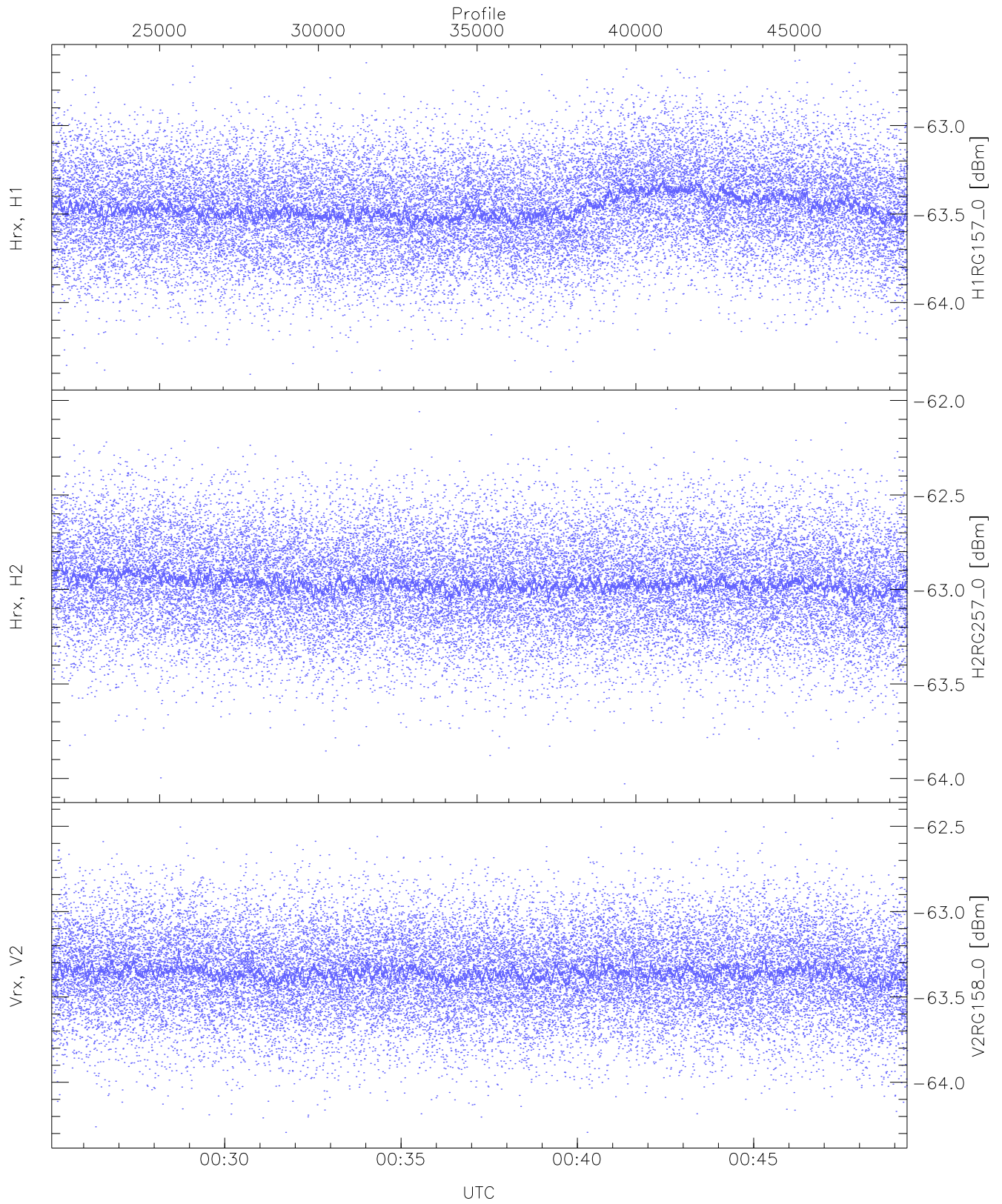
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.57	-61.77	-62.61	-62.61	-75.28
Hrx, H2 (HL [dBm])	-63.66	-61.62	-62.61	-62.61	-75.31
Vrx, V2 (HL [dBm])	-63.99	-62.03	-62.93	-62.93	-75.62



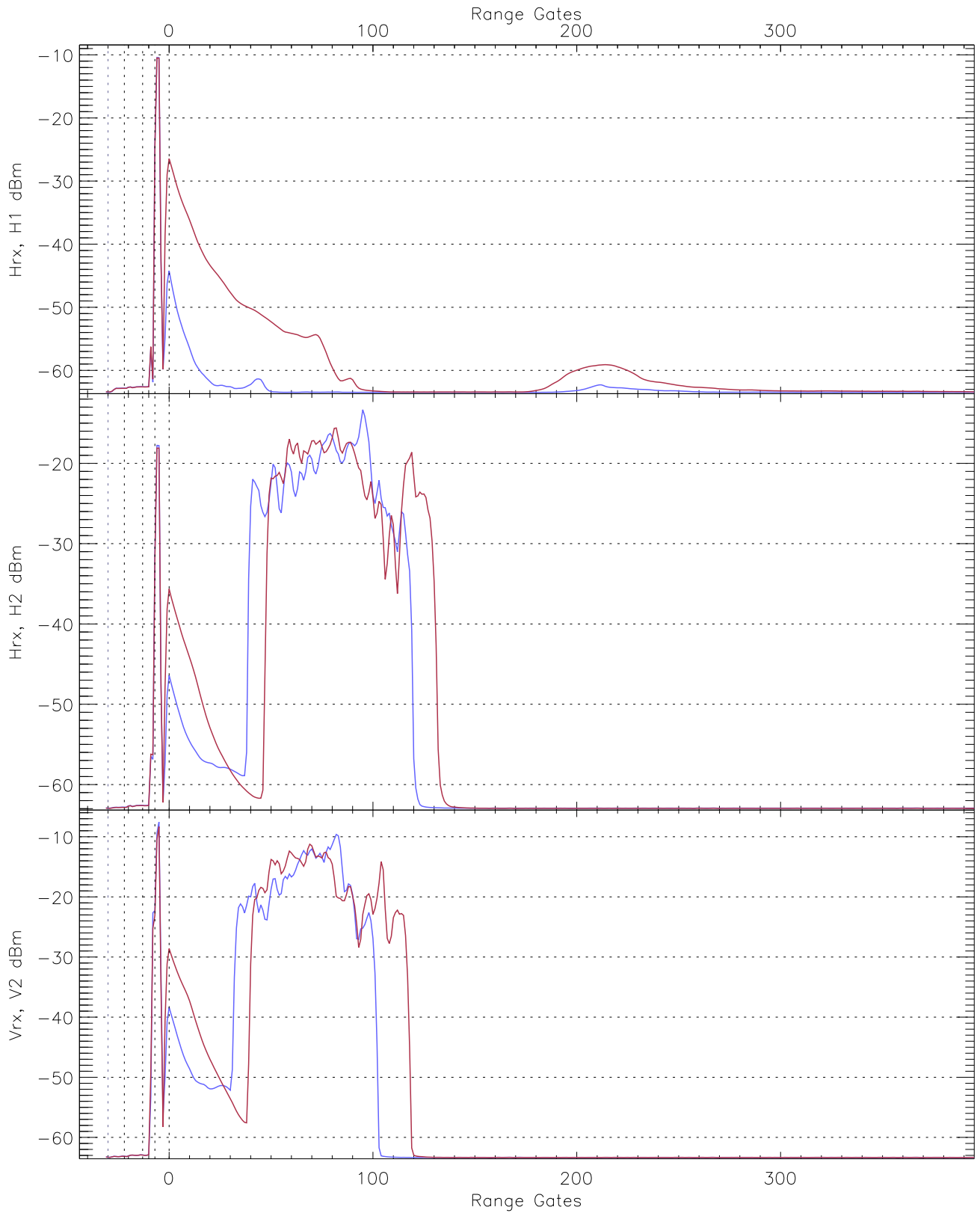
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.36	-62.56	-63.44	-63.45	-76.06
Hrx, H2 (RM [dBm])	-63.96	-62.01	-62.95	-62.95	-75.62
Vrx, V2 (RM [dBm])	-64.32	-62.40	-63.31	-63.31	-75.97

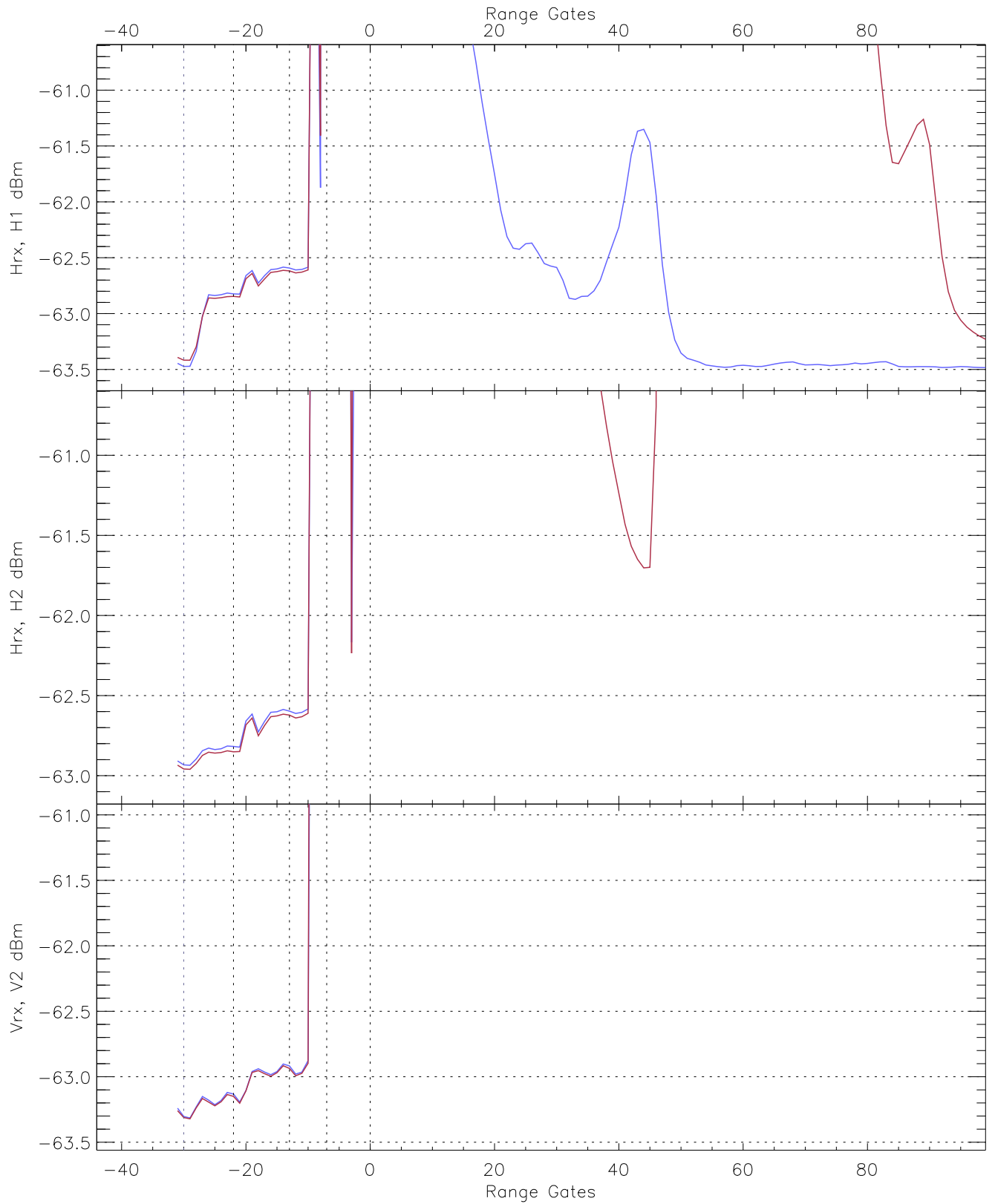


WCR2 CPP "Best" estimate Receivers Noise Power

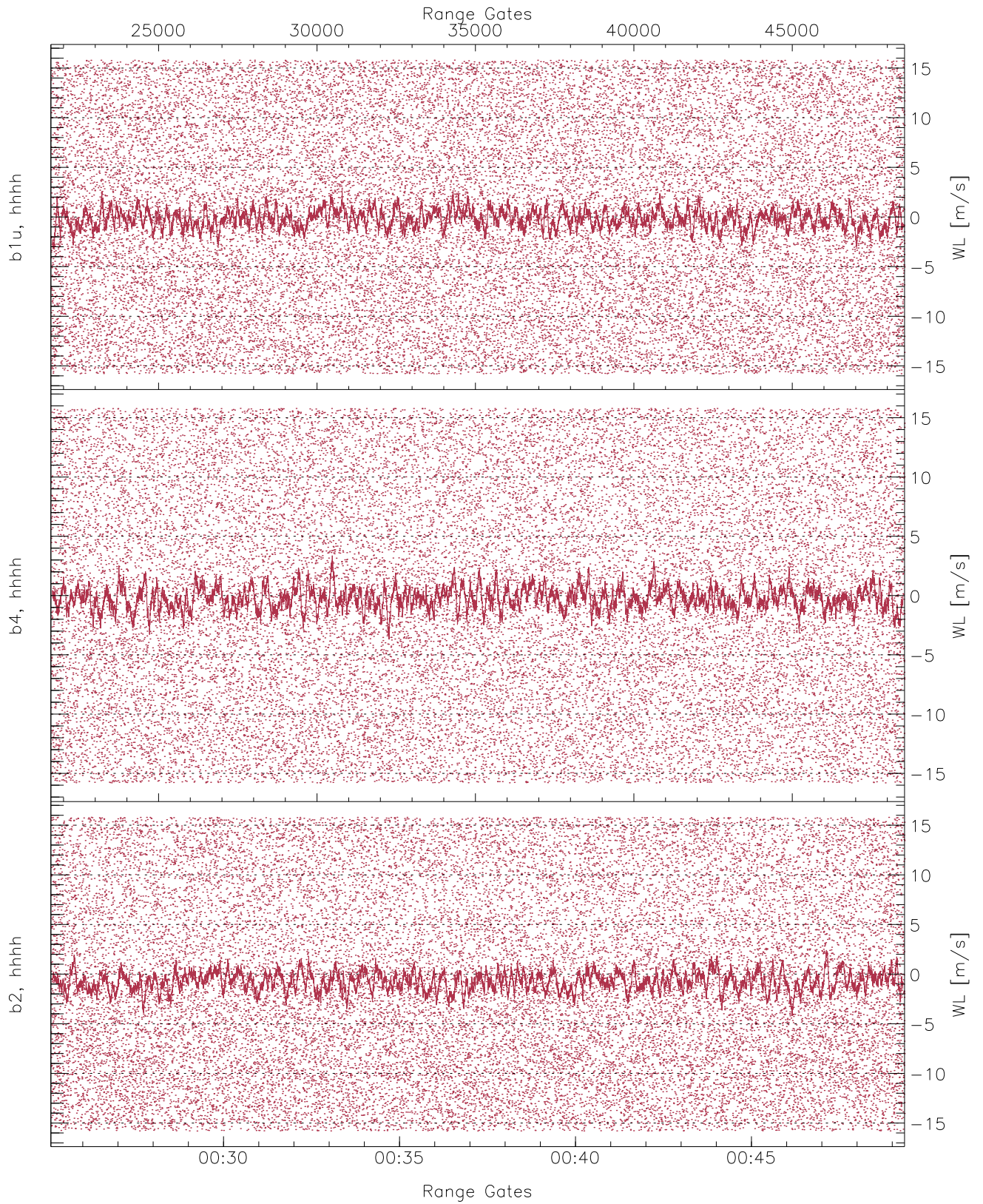
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.41	-62.63	-63.46	-63.47	-76.08
H2RG257_0 [dBm]	-64.03	-62.04	-62.96	-62.97	-75.65
V2RG158_0 [dBm]	-64.29	-62.45	-63.36	-63.36	-76.02



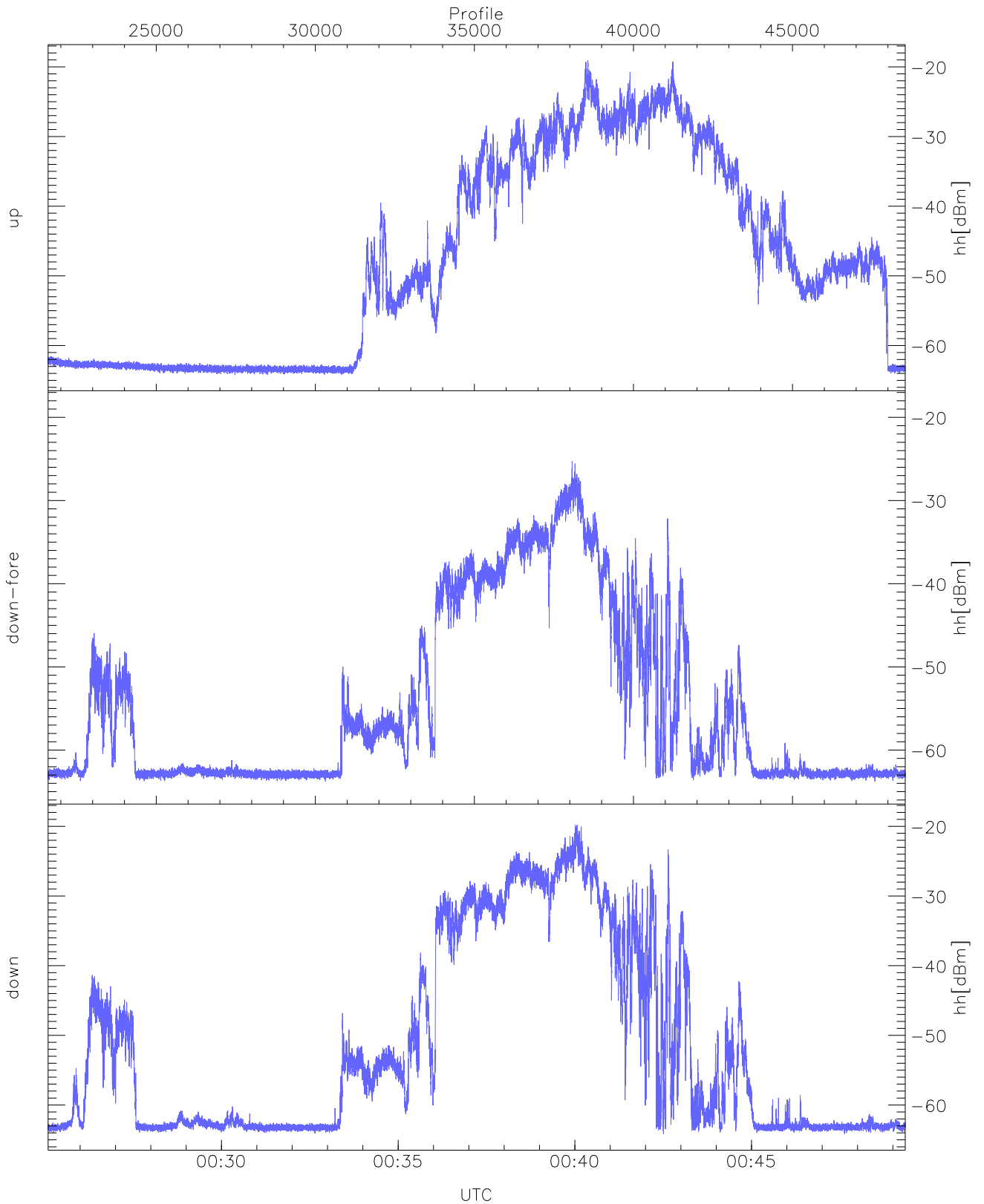
WCR2 CPP Averaged Received power for all recorded gates
blue: 002506-003713, 13473 profiles averaged
red: 003713-004921, 13473 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 002506-003713, 13473 profiles averaged
red: 003713-004921, 13473 profiles averaged

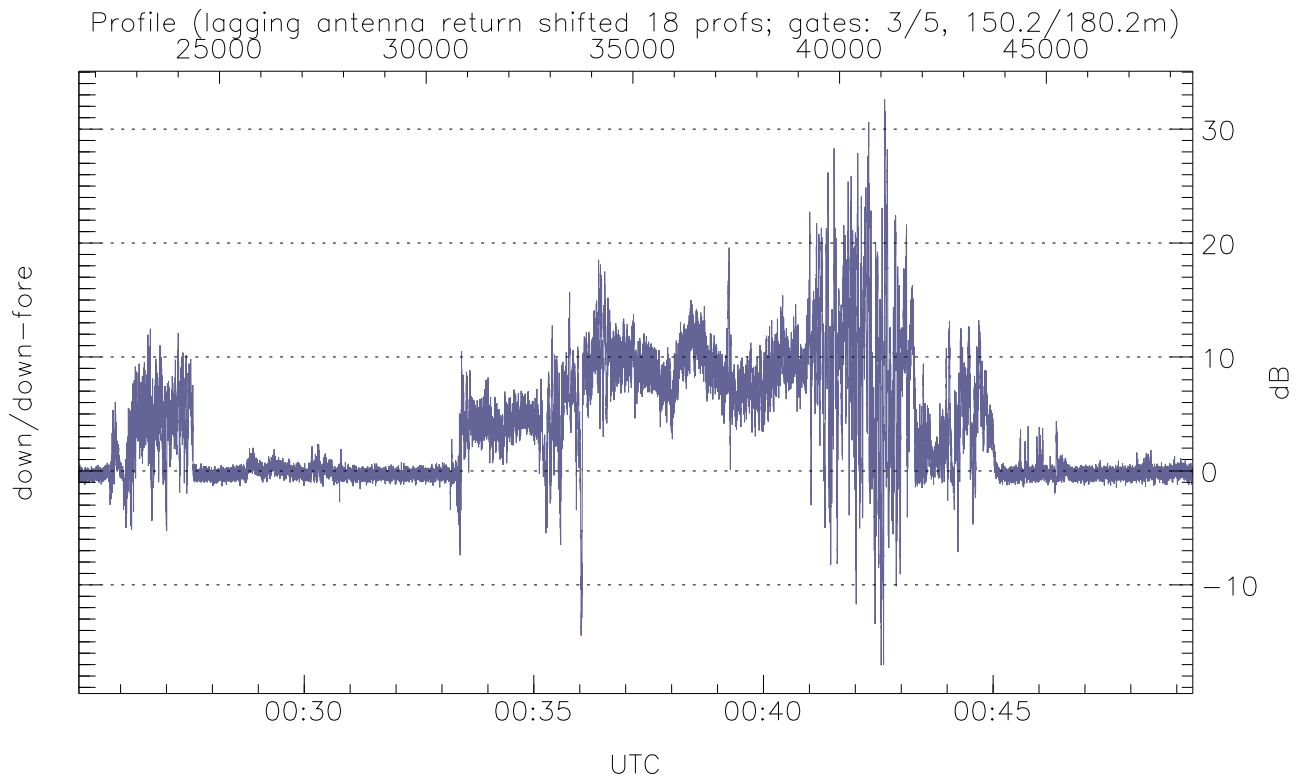
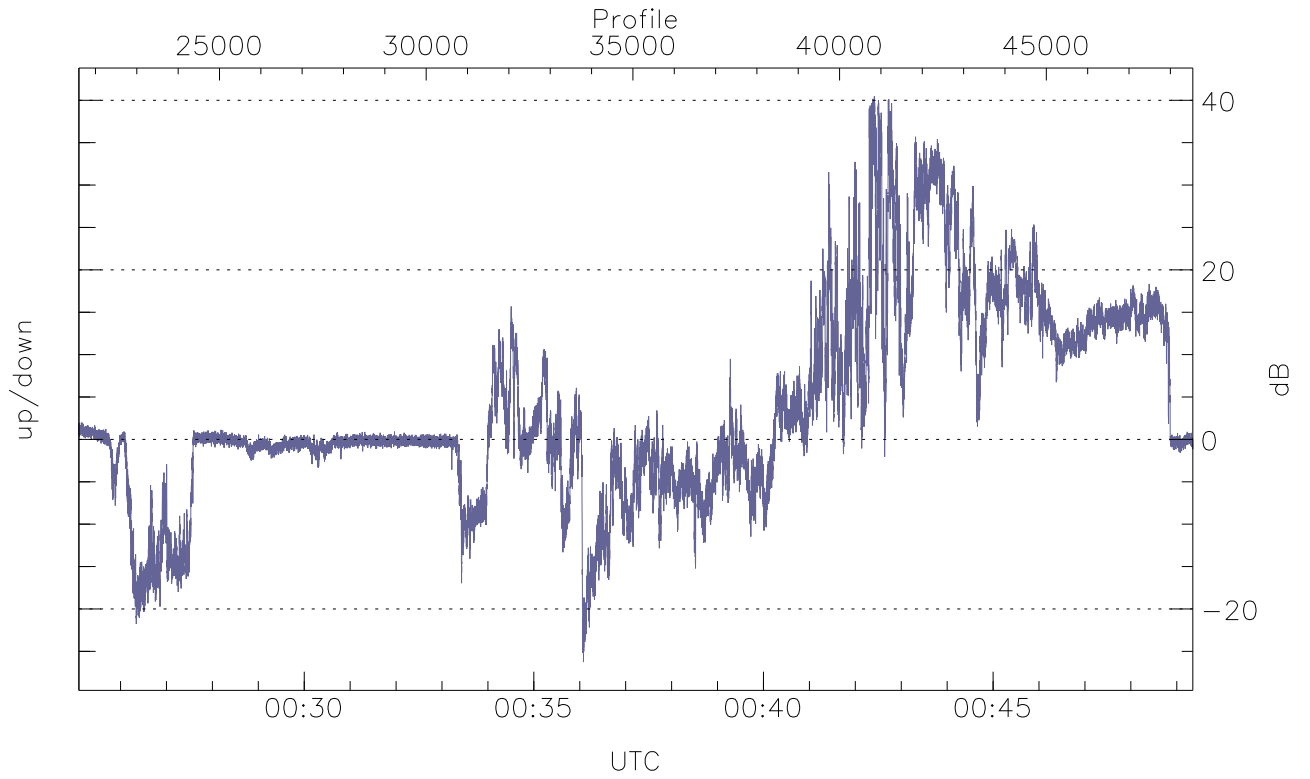


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



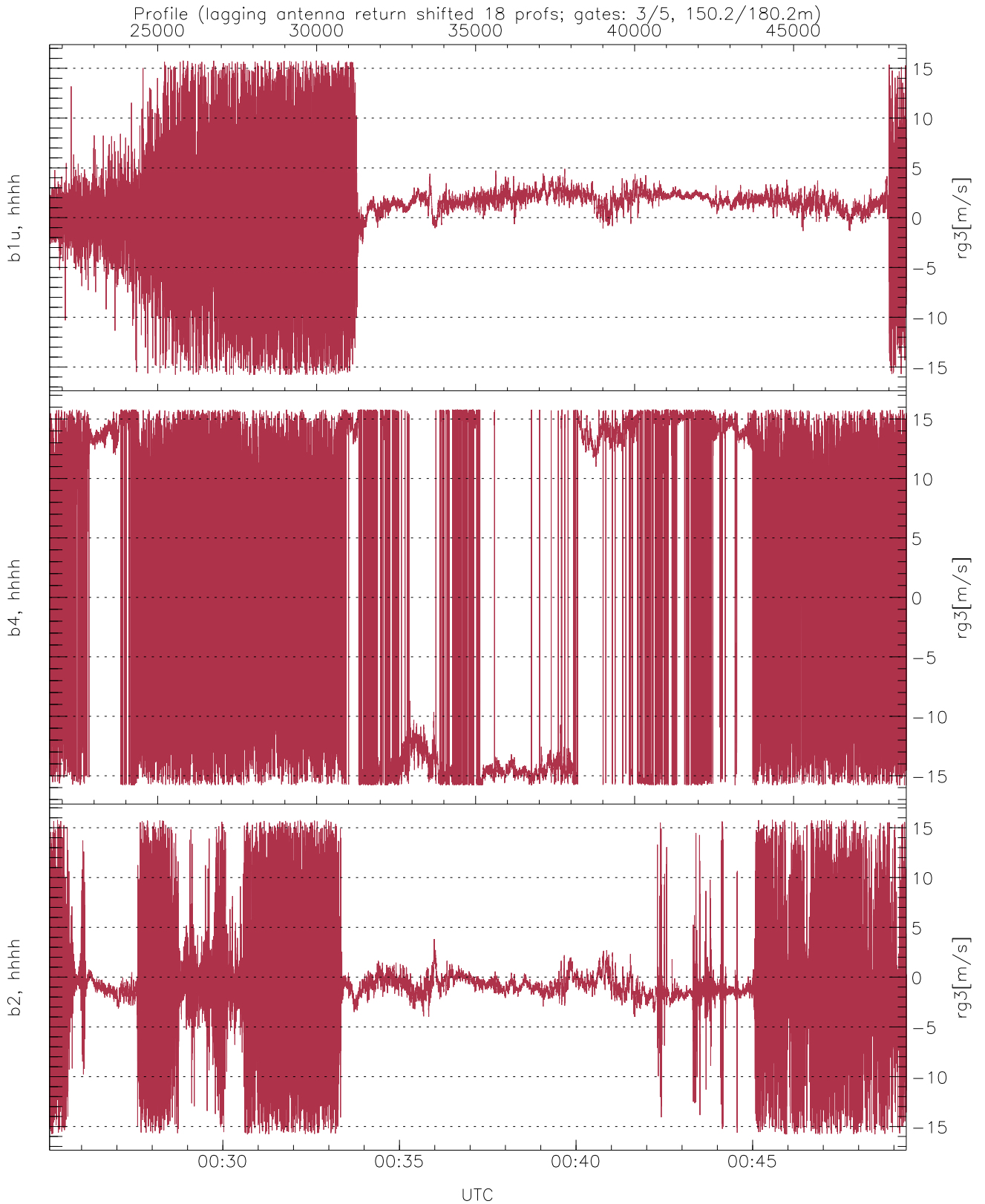
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.23	-19.06	-32.82
down-fore(hh[dBm])	-63.79	-25.28	-41.14
down(hh[dBm])	-64.16	-19.78	-34.20



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-26.27	40.47	3.64
down/down-fore (dB)	-17.06	32.60	3.67



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.78	0.99	4.24
b4, hhhh(rg3[m/s])	-15.80	15.80	0.86	12.70
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.88	4.89