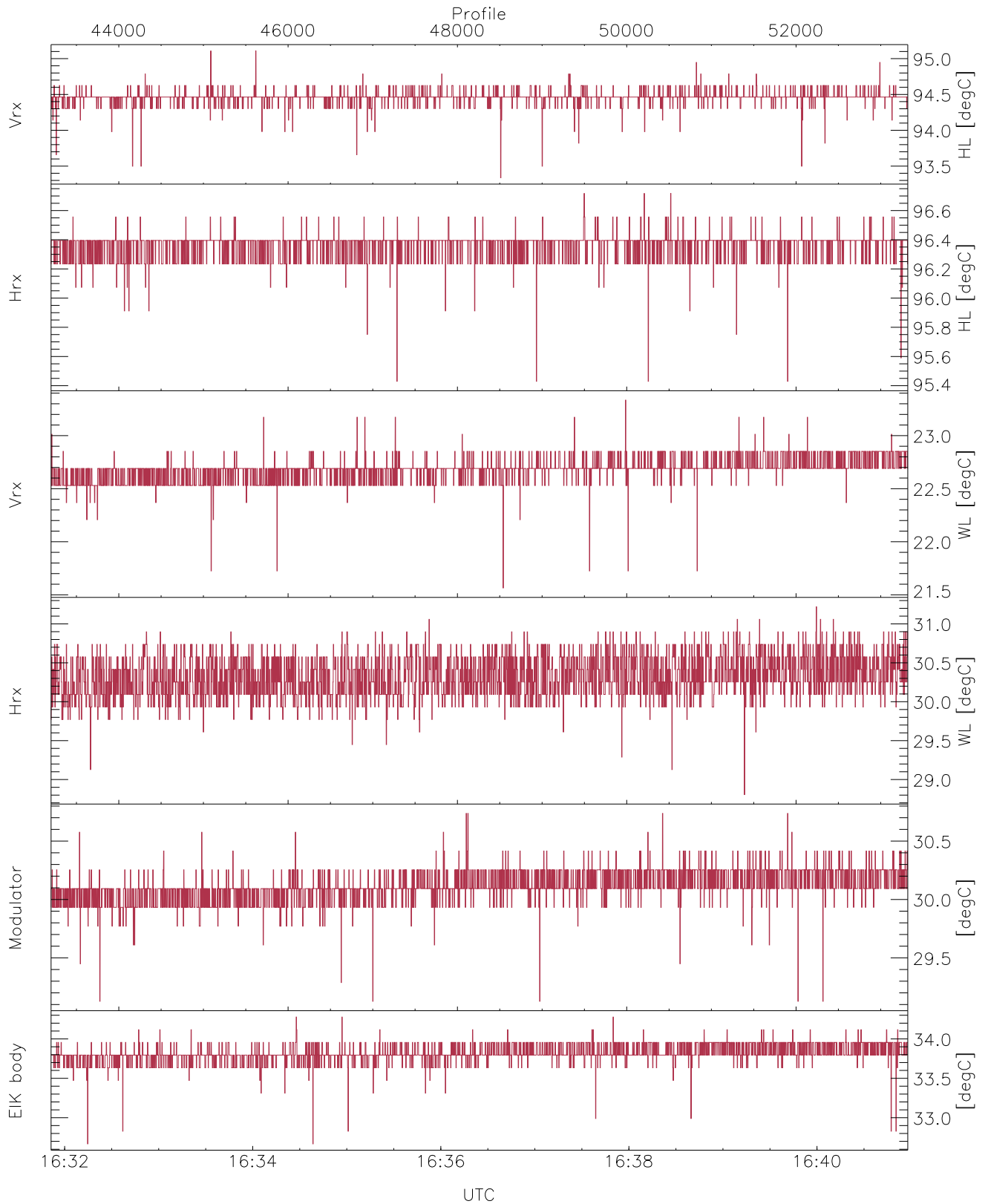


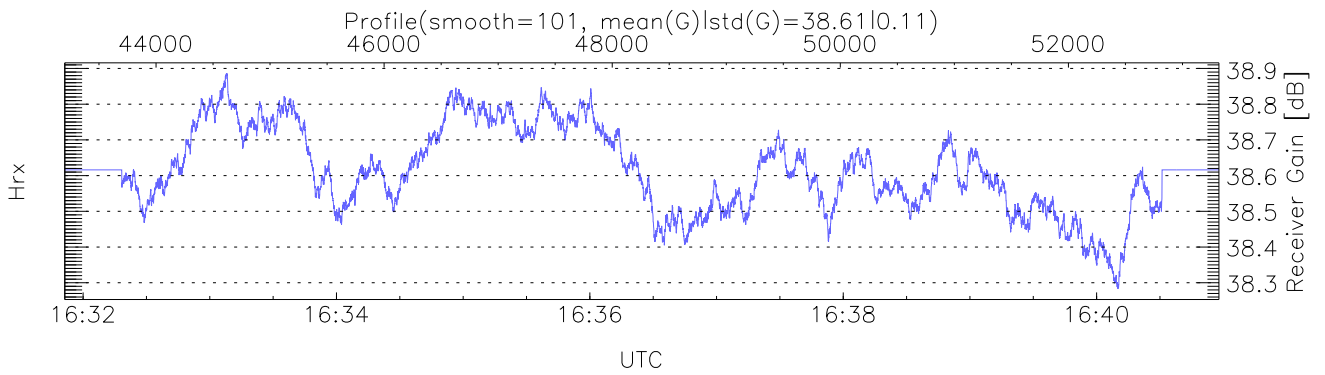
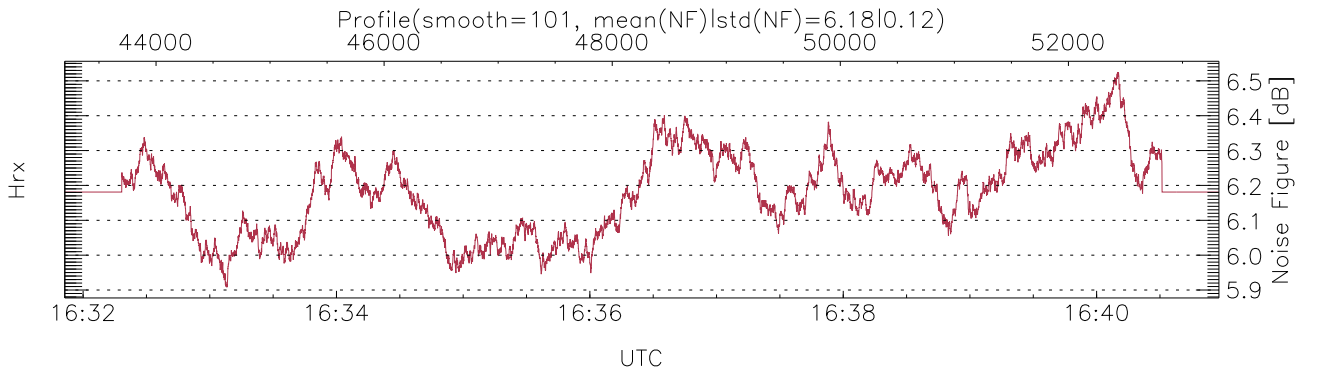
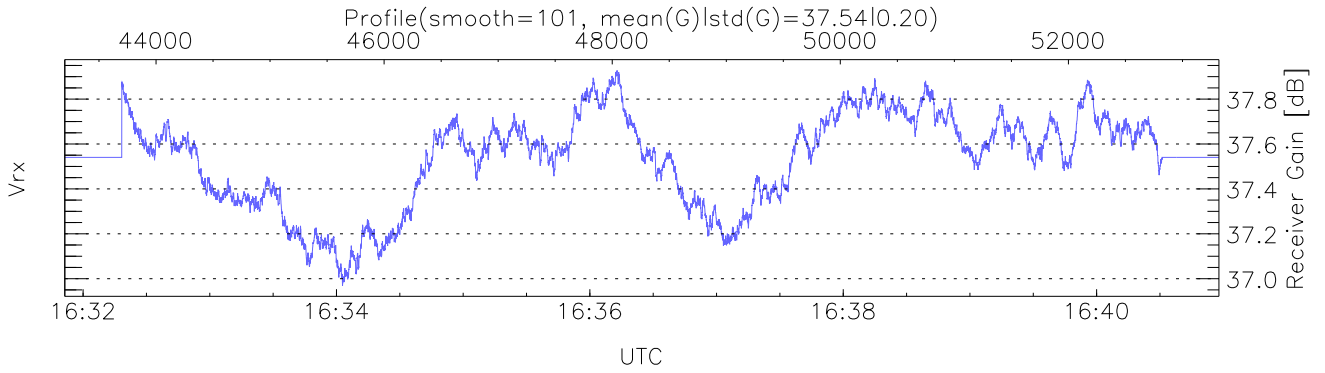
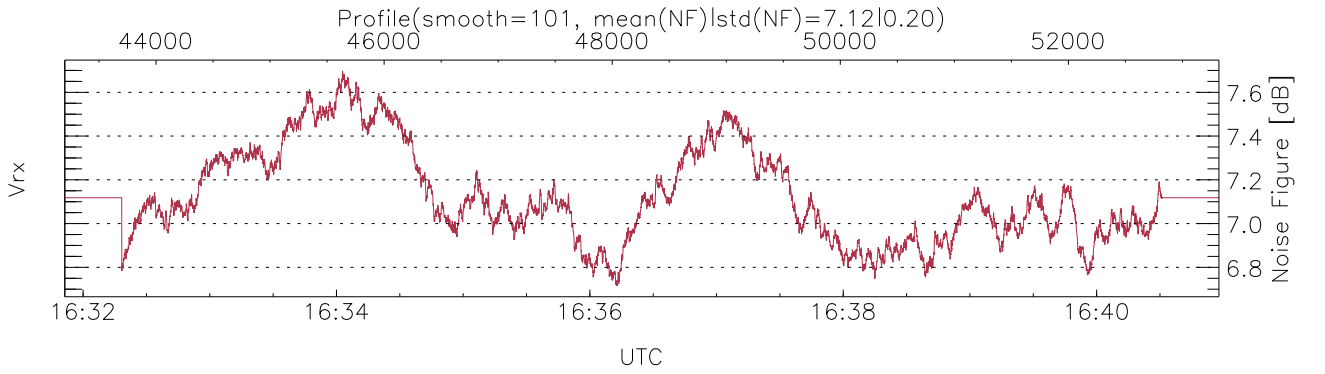
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:52:58-16:40:58, Dur: 2880.00s
 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): 10121/53321, 43200-53320/16:31:51-16:40:58
 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



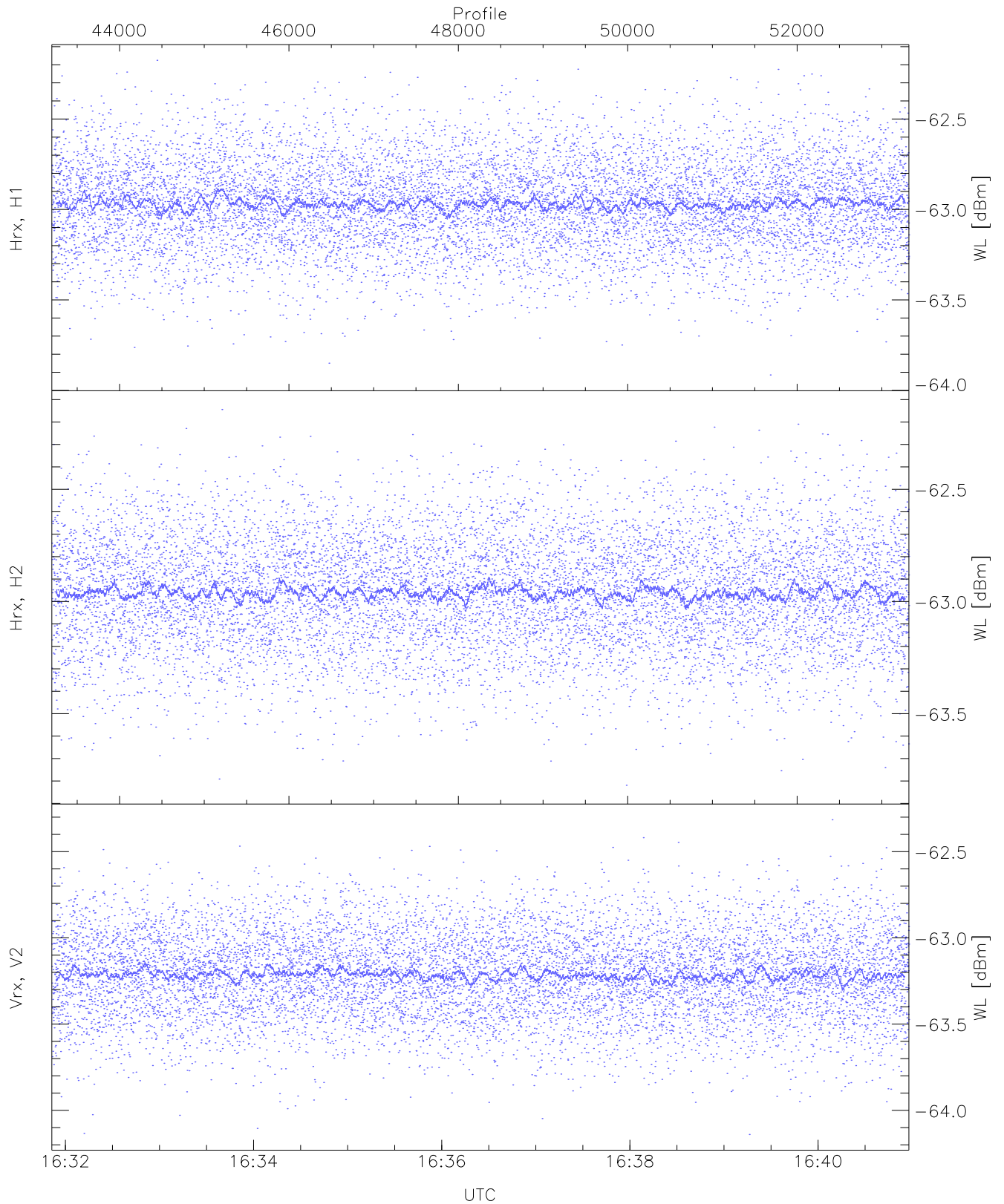
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,28,29,32
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,96,23,31,30,34
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (4,4,4,4,4,19)



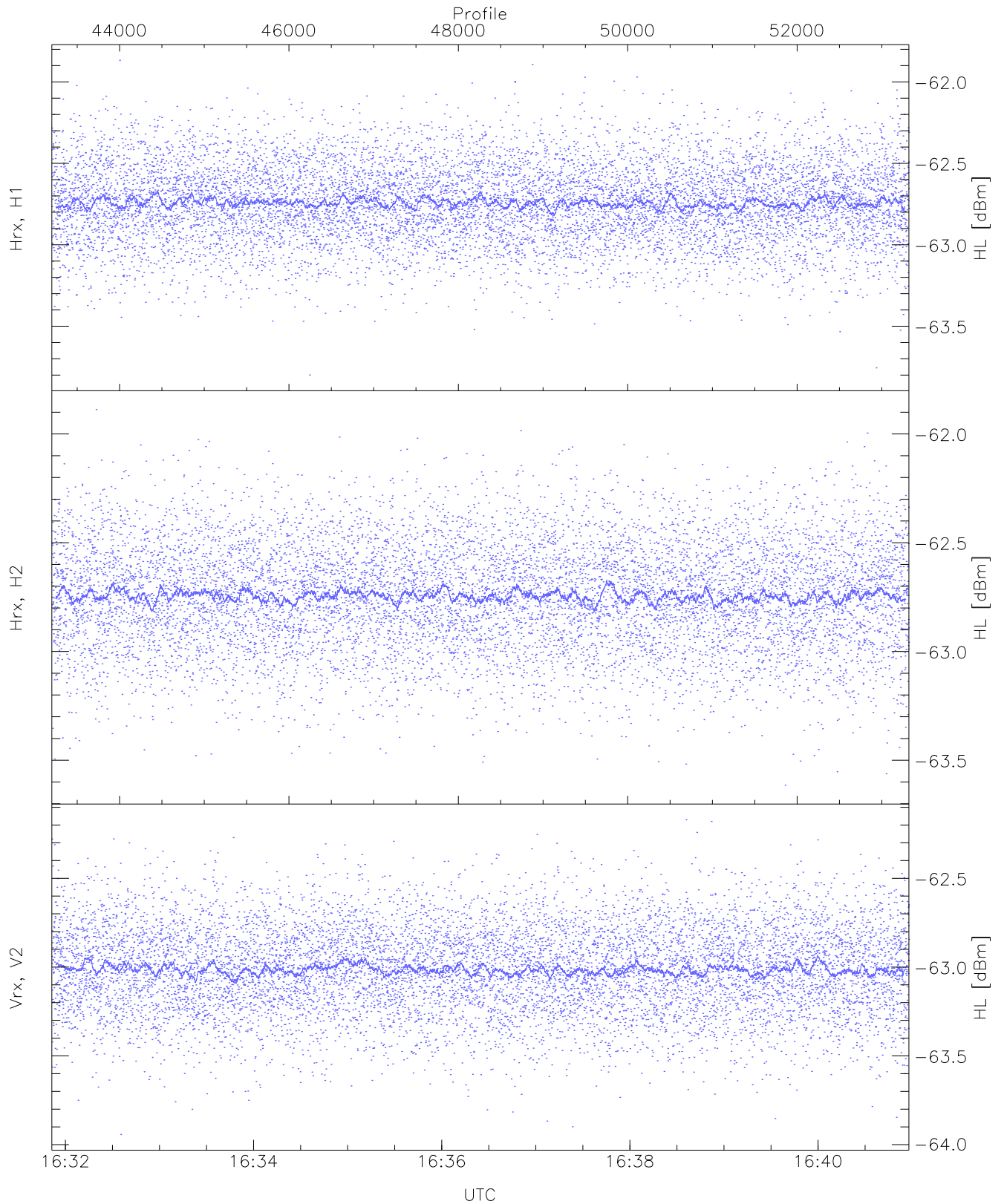
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1467 pixs, 45 gates, 1434 profs, 1 prods



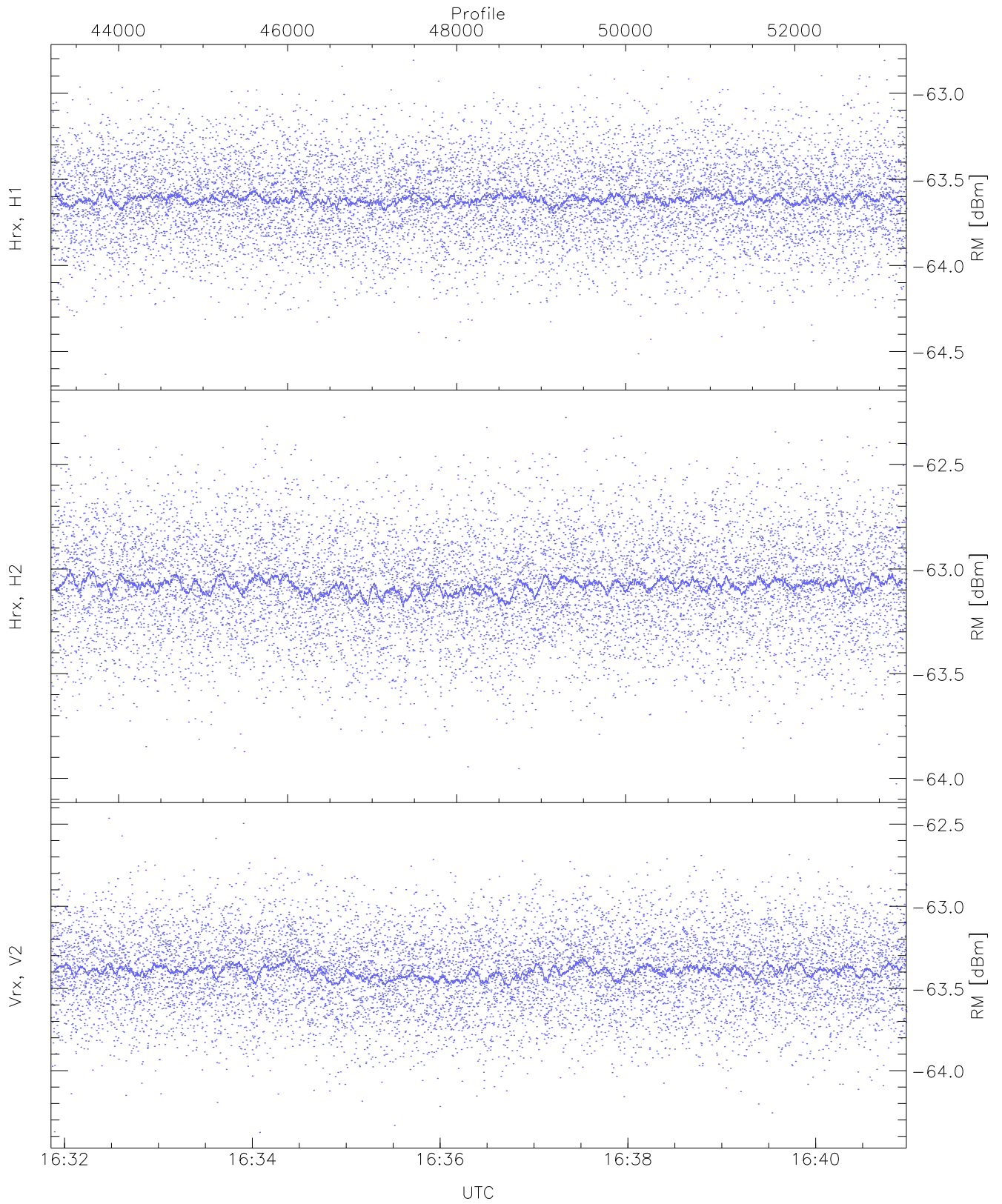
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.91	-62.18	-62.97	-62.97	-75.71
Hrx, H2 (WL [dBm])	-63.82	-62.14	-62.96	-62.96	-75.68
Vrx, V2 (WL [dBm])	-64.14	-62.32	-63.21	-63.21	-75.92



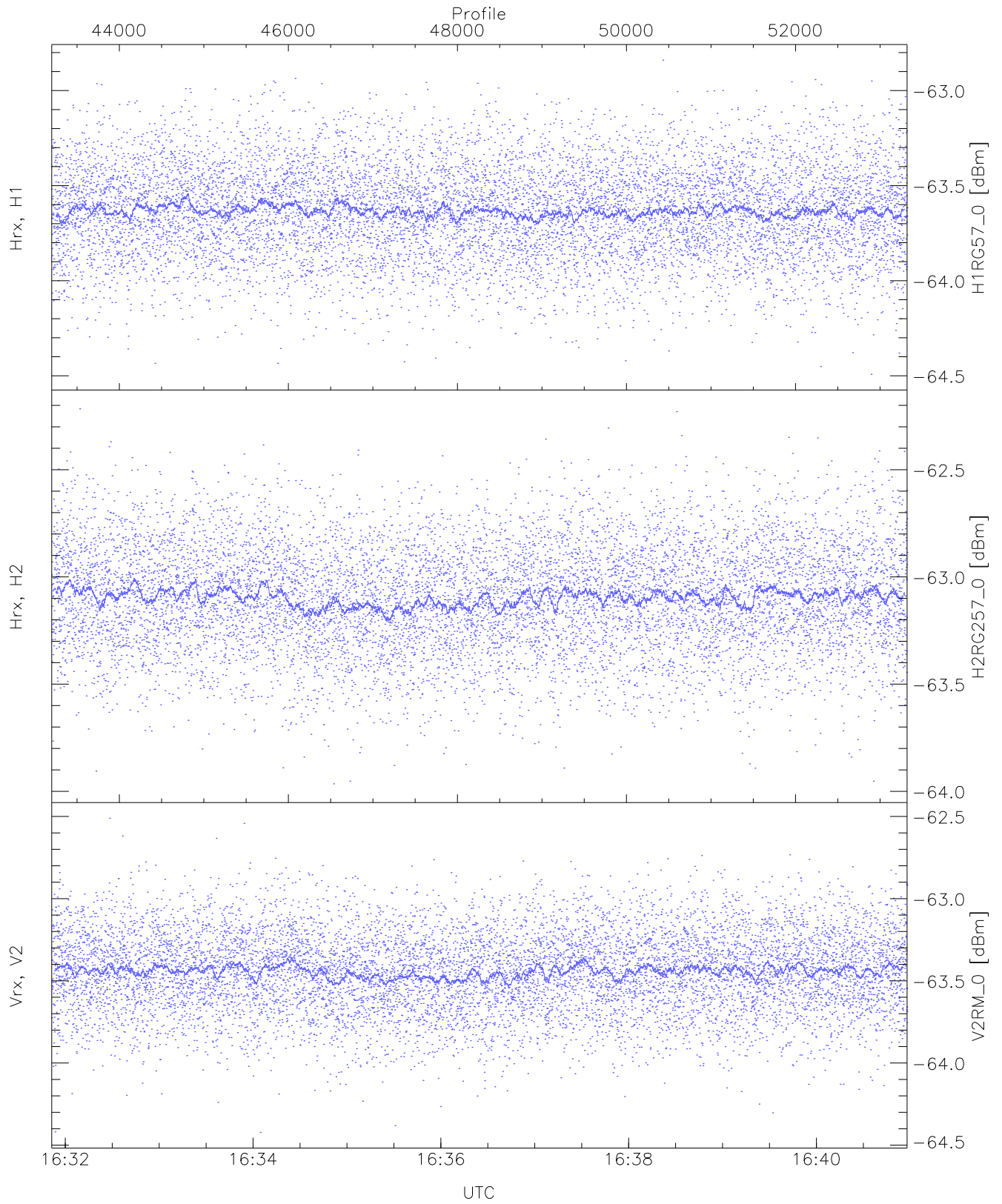
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.80	-61.87	-62.74	-62.74	-75.46
Hrx, H2 (HL [dBm])	-63.61	-61.89	-62.74	-62.74	-75.46
Vrx, V2 (HL [dBm])	-63.94	-62.17	-63.01	-63.02	-75.70



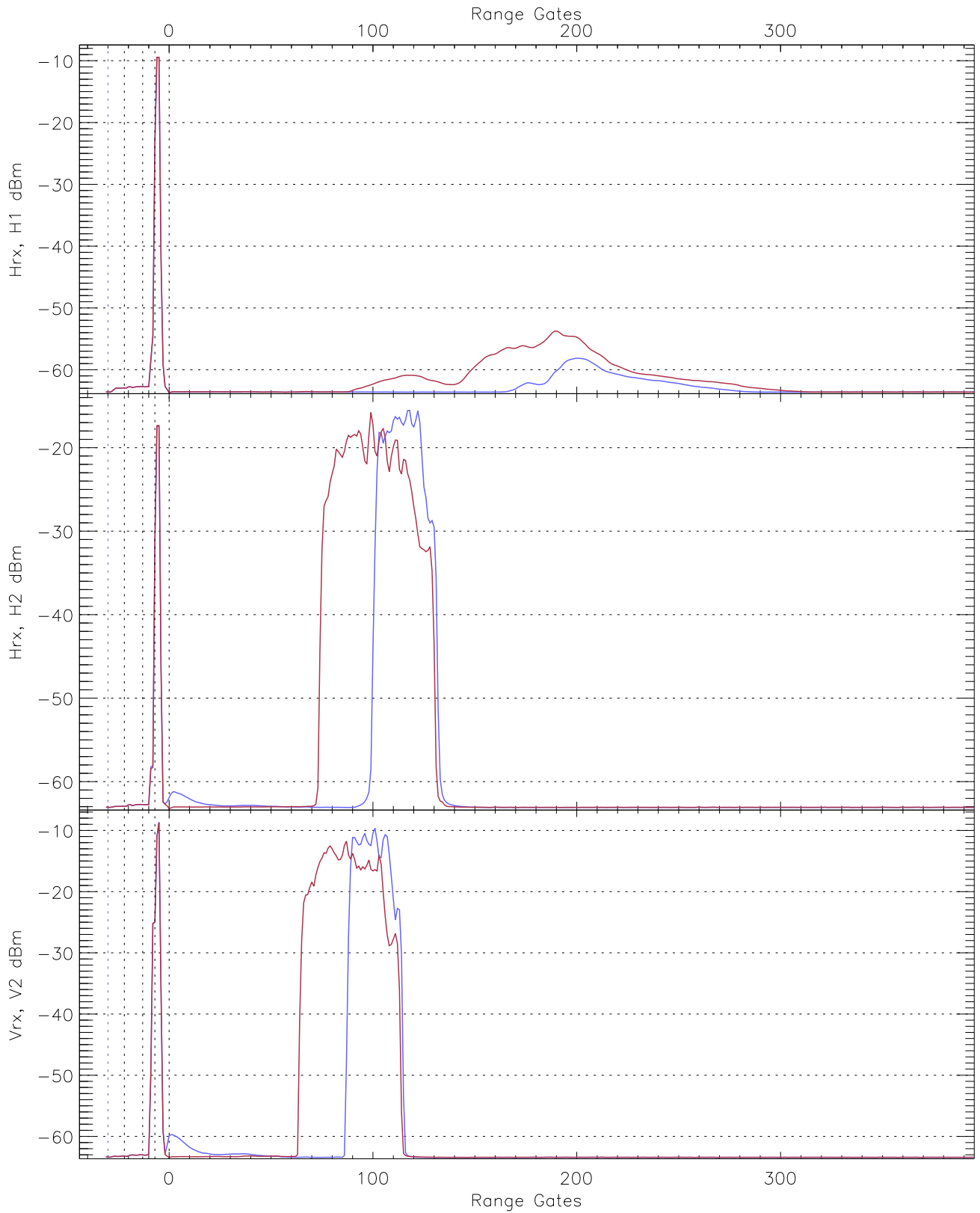
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.63	-62.81	-63.61	-63.61	-76.35
Hrx, H2 (RM [dBm])	-64.03	-62.23	-63.08	-63.08	-75.76
Vrx, V2 (RM [dBm])	-64.38	-62.46	-63.39	-63.39	-76.06

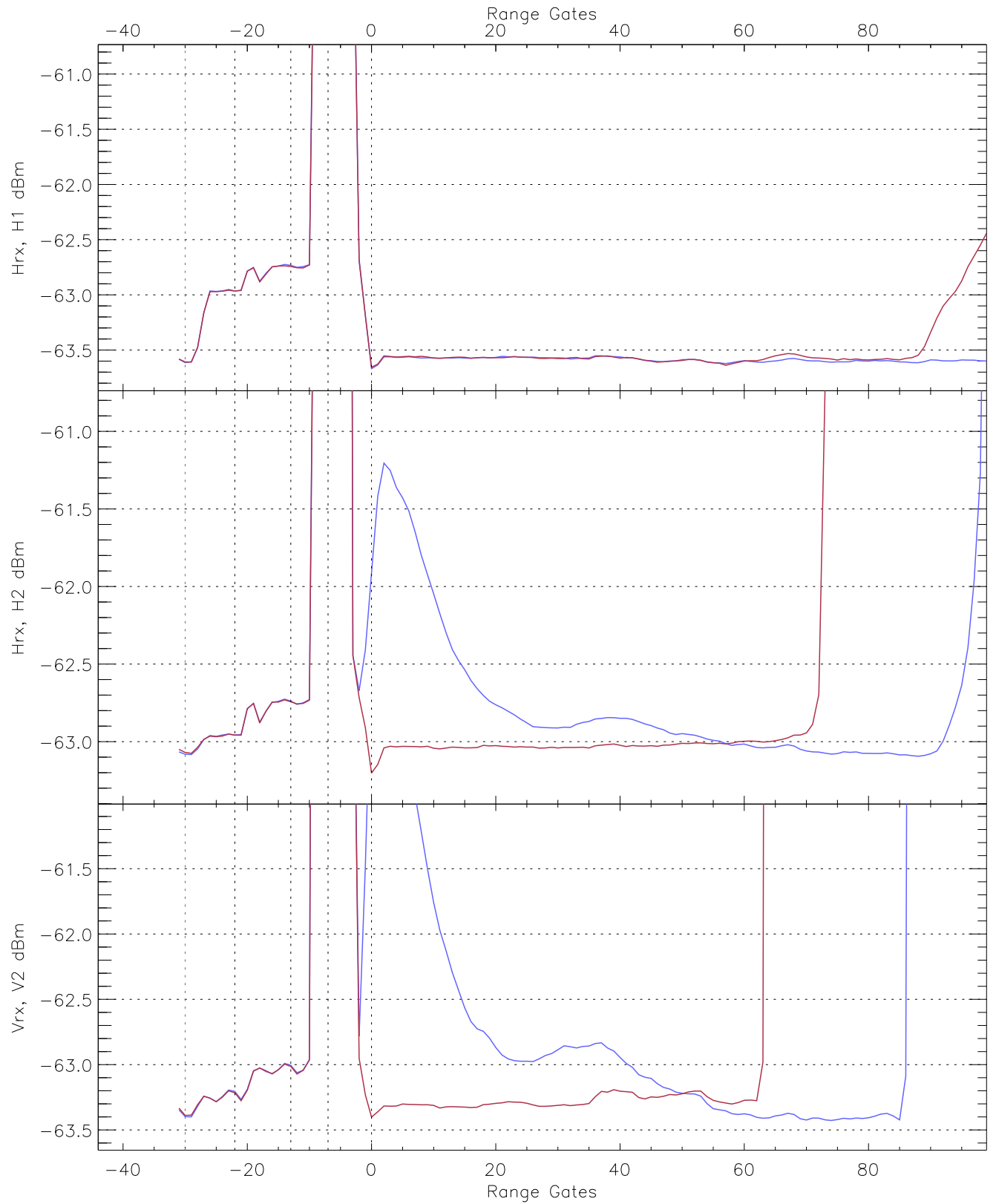


WCR2 CPP "Best" estimate Receivers Noise Power

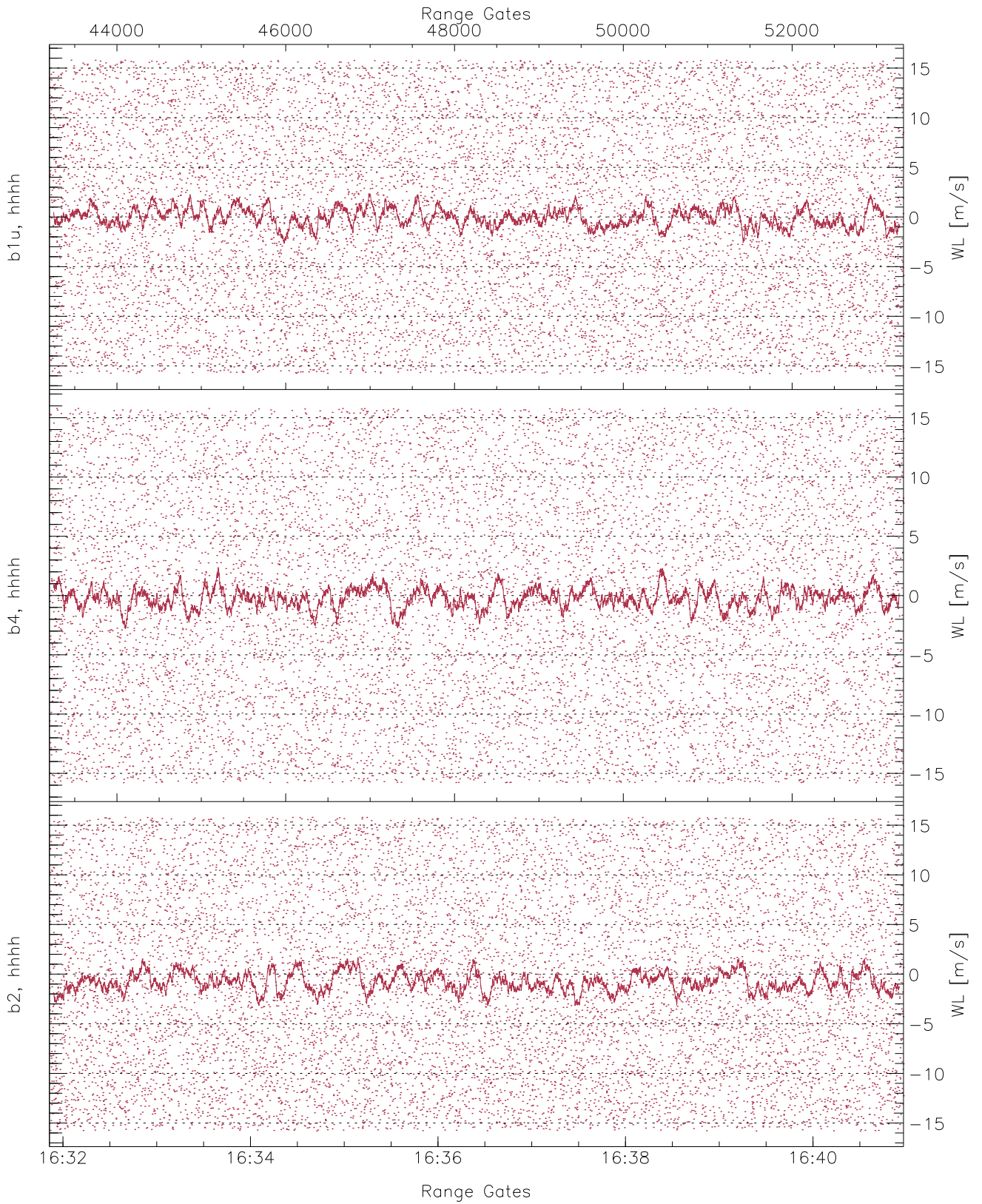
	Min	Max	Mean	Median	StDev
H1RG57_0 [dBm]	-64.49	-62.84	-63.63	-63.63	-76.33
H2RG257_0 [dBm]	-63.96	-62.22	-63.09	-63.10	-75.75
V2RM_0 [dBm]	-64.42	-62.51	-63.44	-63.44	-76.10



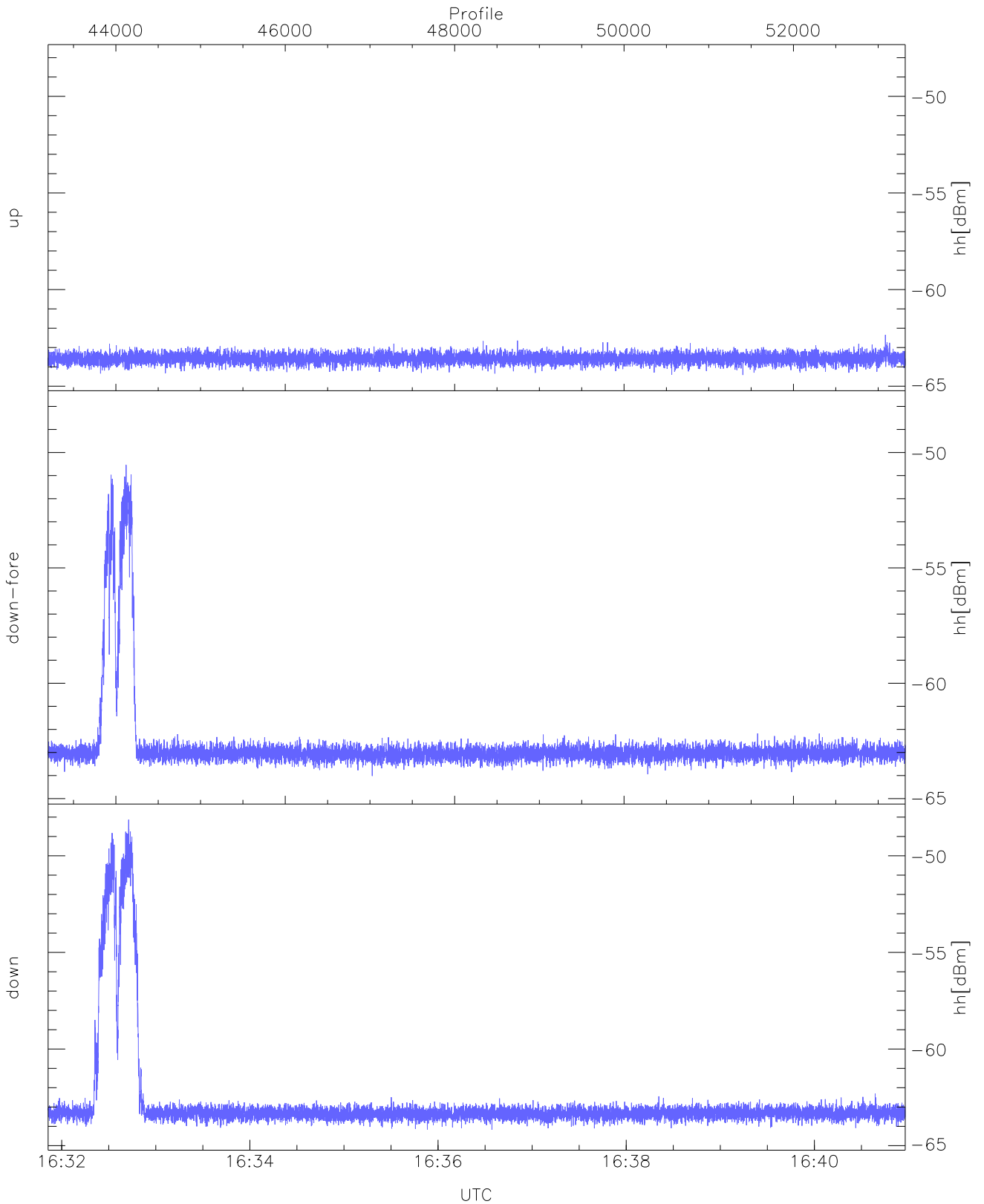
WCR2 CPP Averaged Received power for all recorded gates
blue: 163151-163625, 5061 profiles averaged
red: 163625-164058, 5061 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 163151-163625, 5061 profiles averaged
red: 163625-164058, 5061 profiles averaged

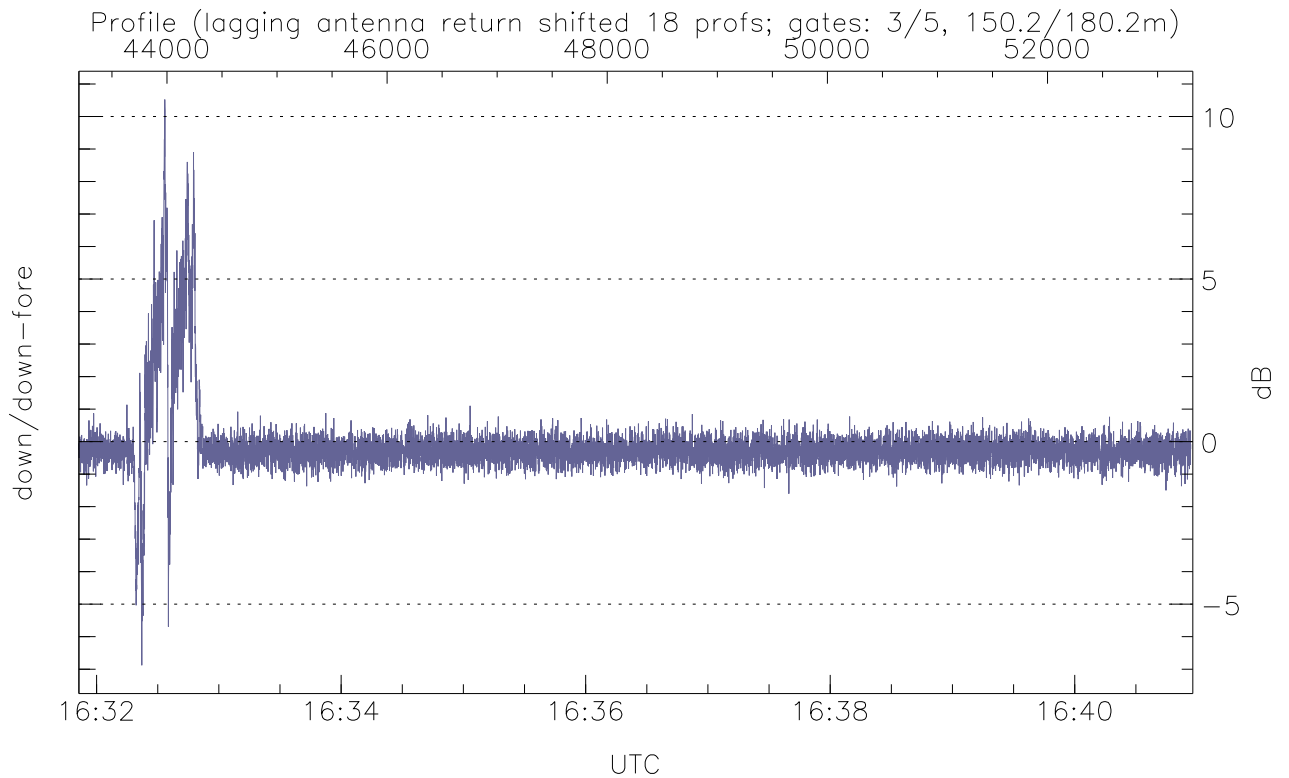
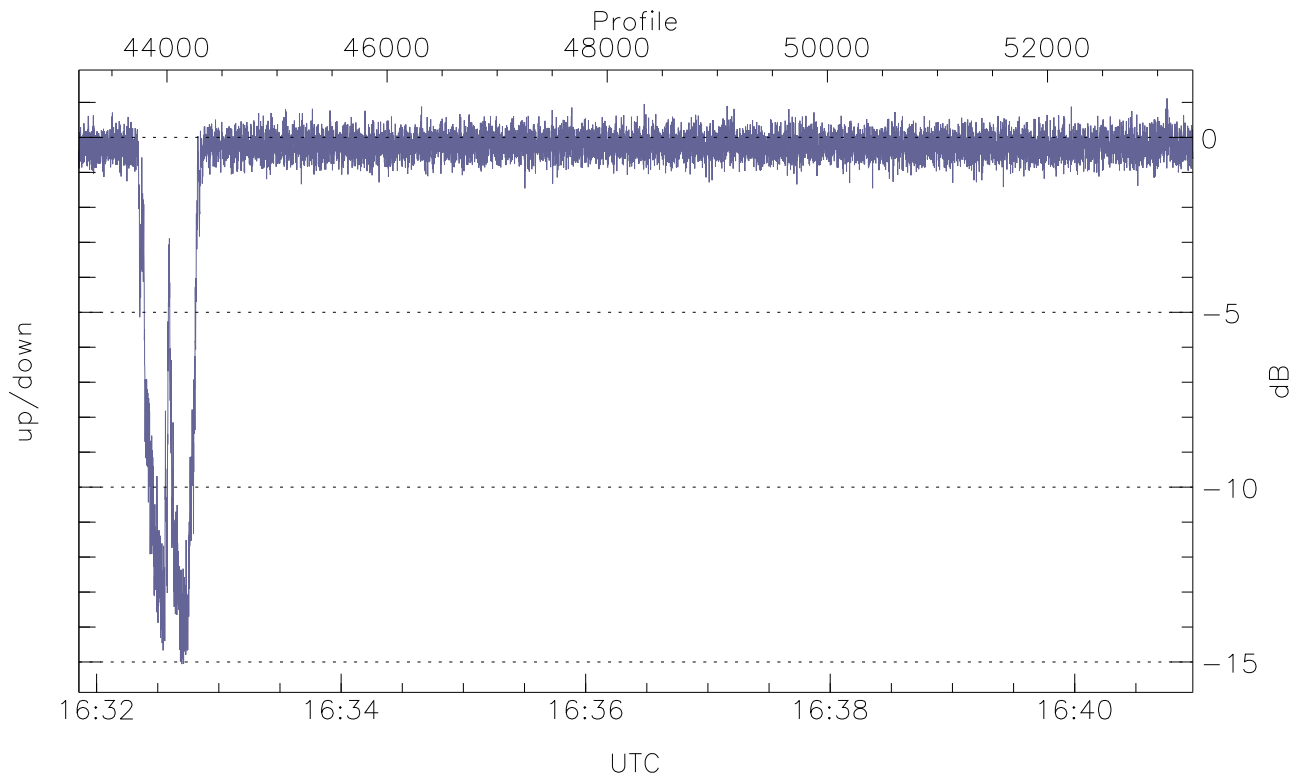


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



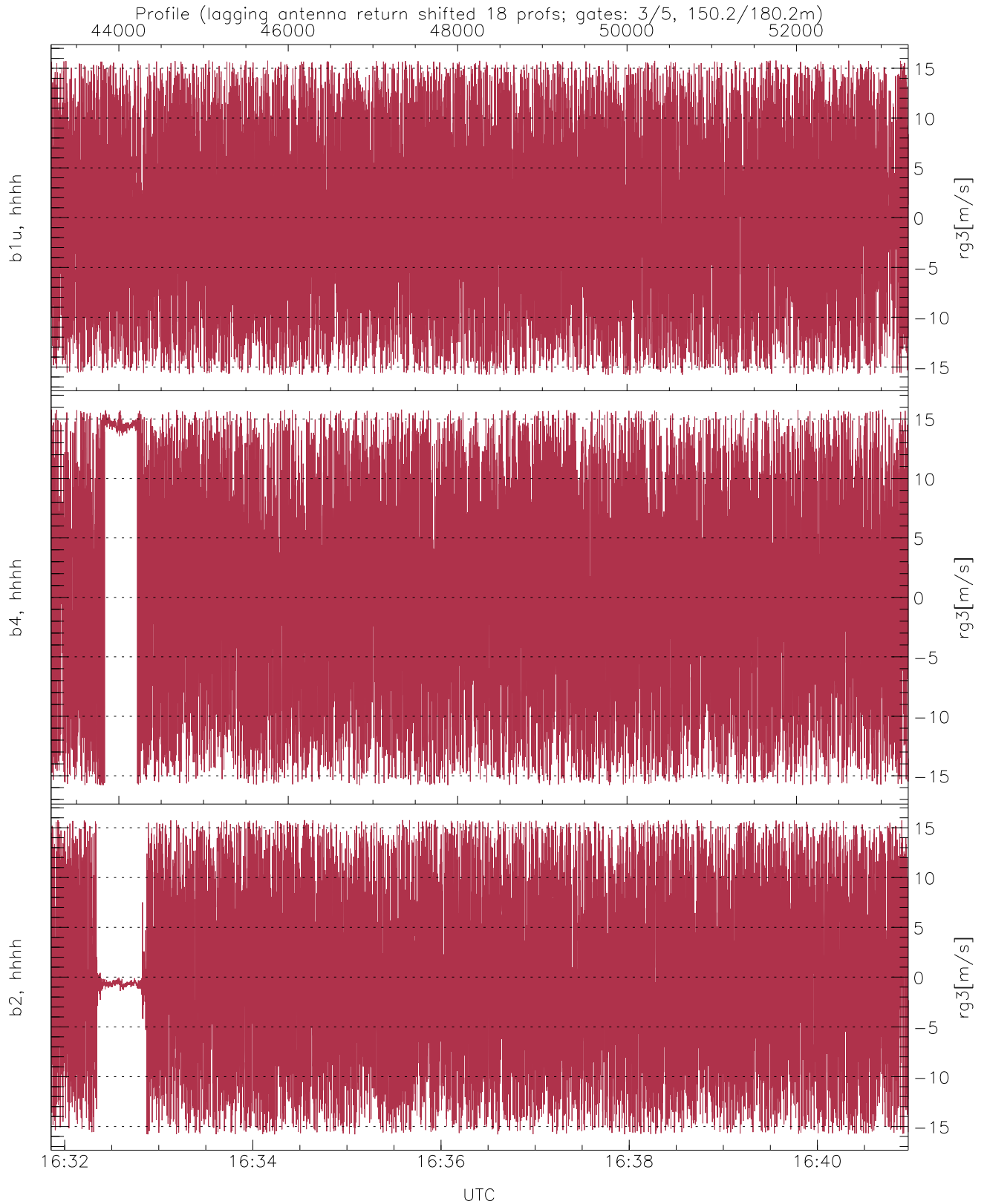
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.42	-62.34	-63.56
down-fore(hh[dBm])	-64.02	-50.54	-62.05
down(hh[dBm])	-64.18	-48.14	-61.31



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

	Min	Max	Mean
up/down (dB)	-15.06	1.12	-0.75
down/down-fore (dB)	-6.88	10.52	-0.13



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.78	-0.33	9.04
b4, hhhh(rg3[m/s])	-15.80	15.80	0.39	9.35
b2, hhhh(rg3[m/s])	-15.79	15.78	-0.33	8.76