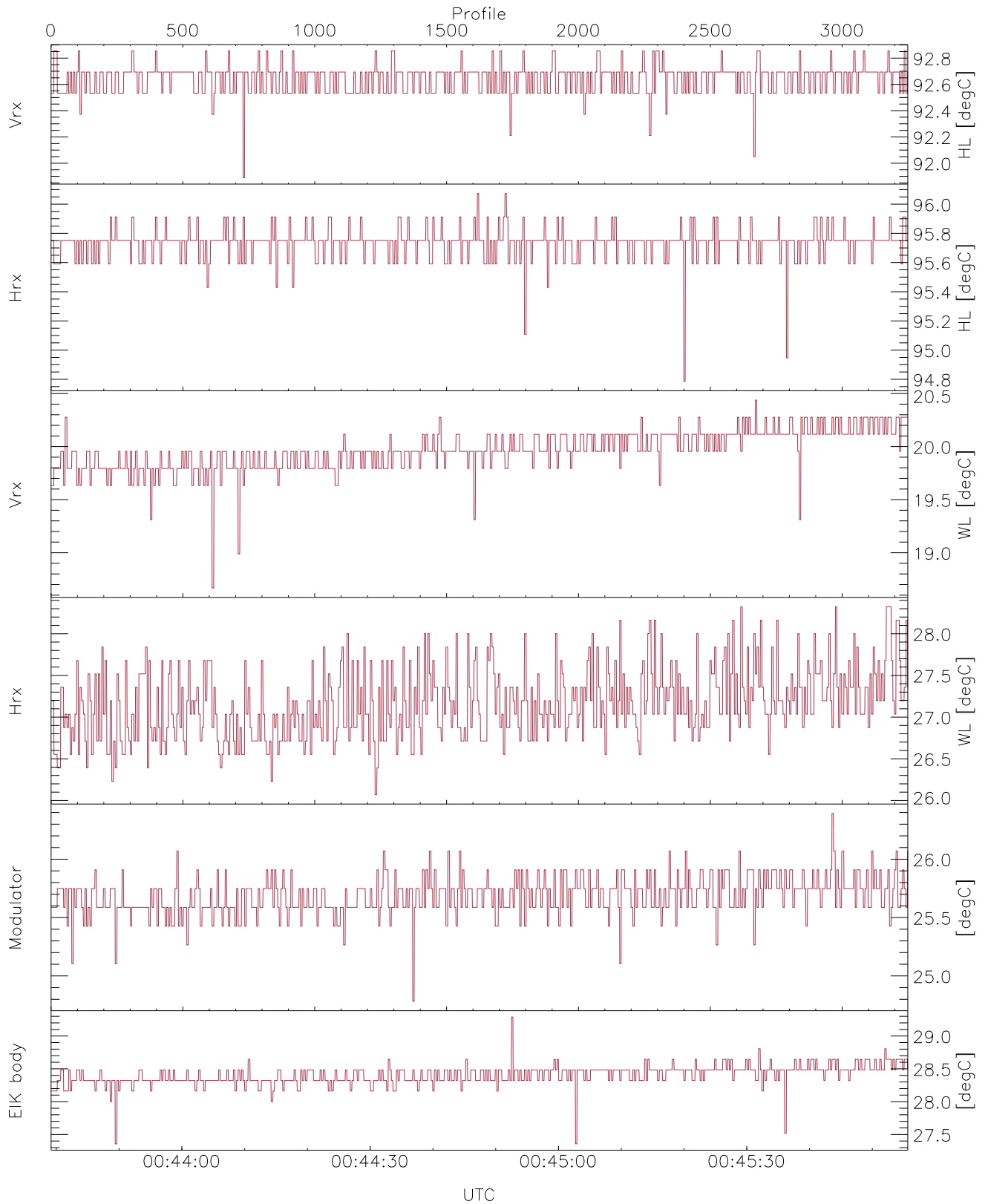


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

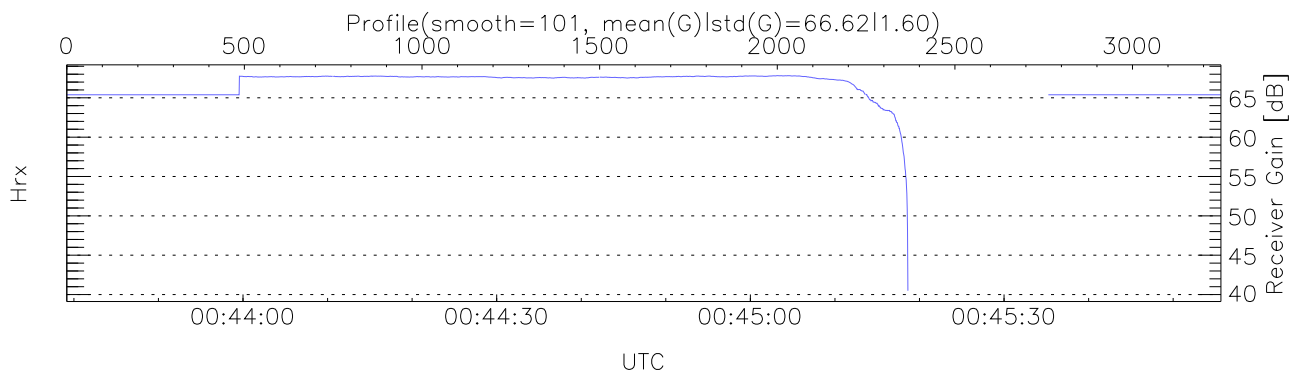
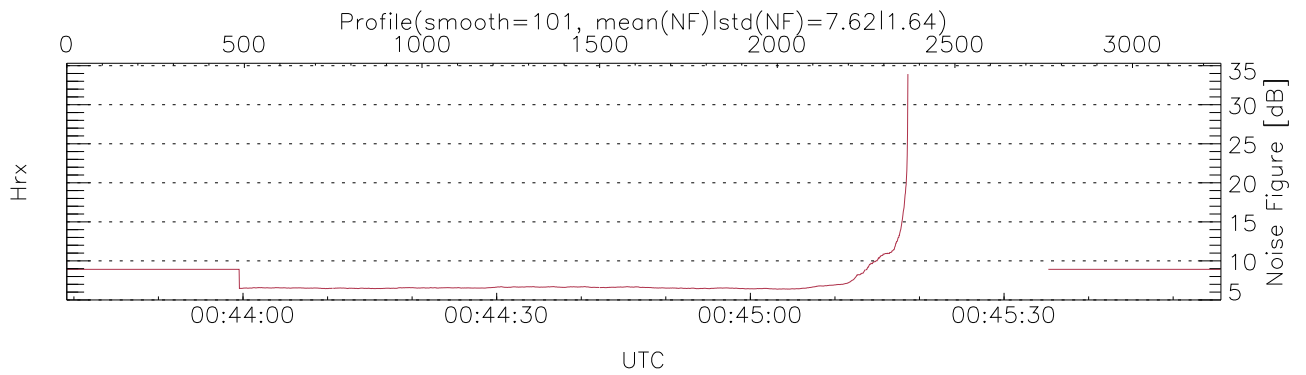
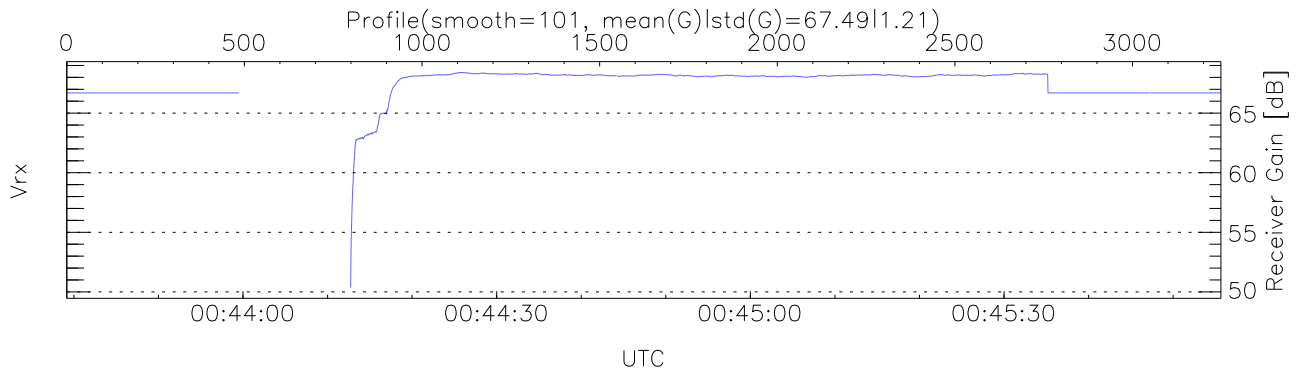
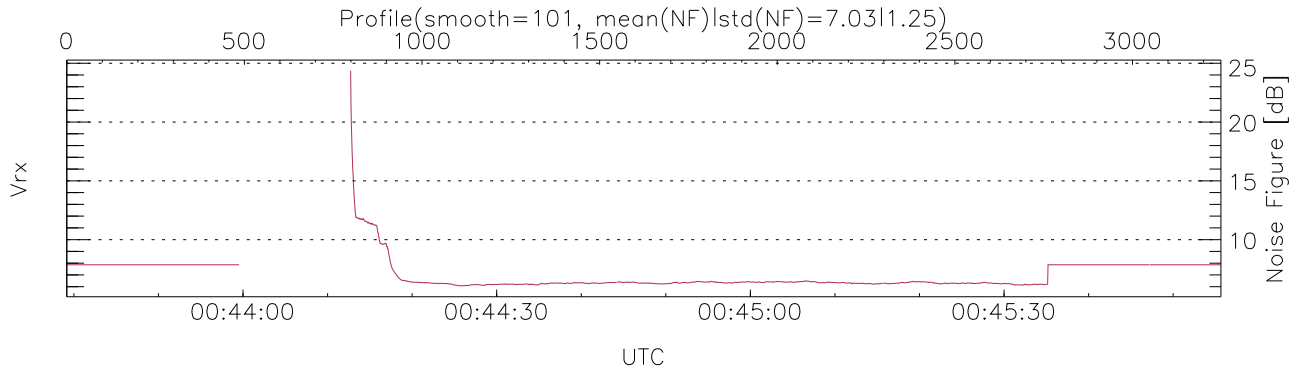
UTC: 00:43:39-00:45:56, Dur: 136.49s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 3250/3250, 0-3249/00:43:39-00:45:56
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 3.1

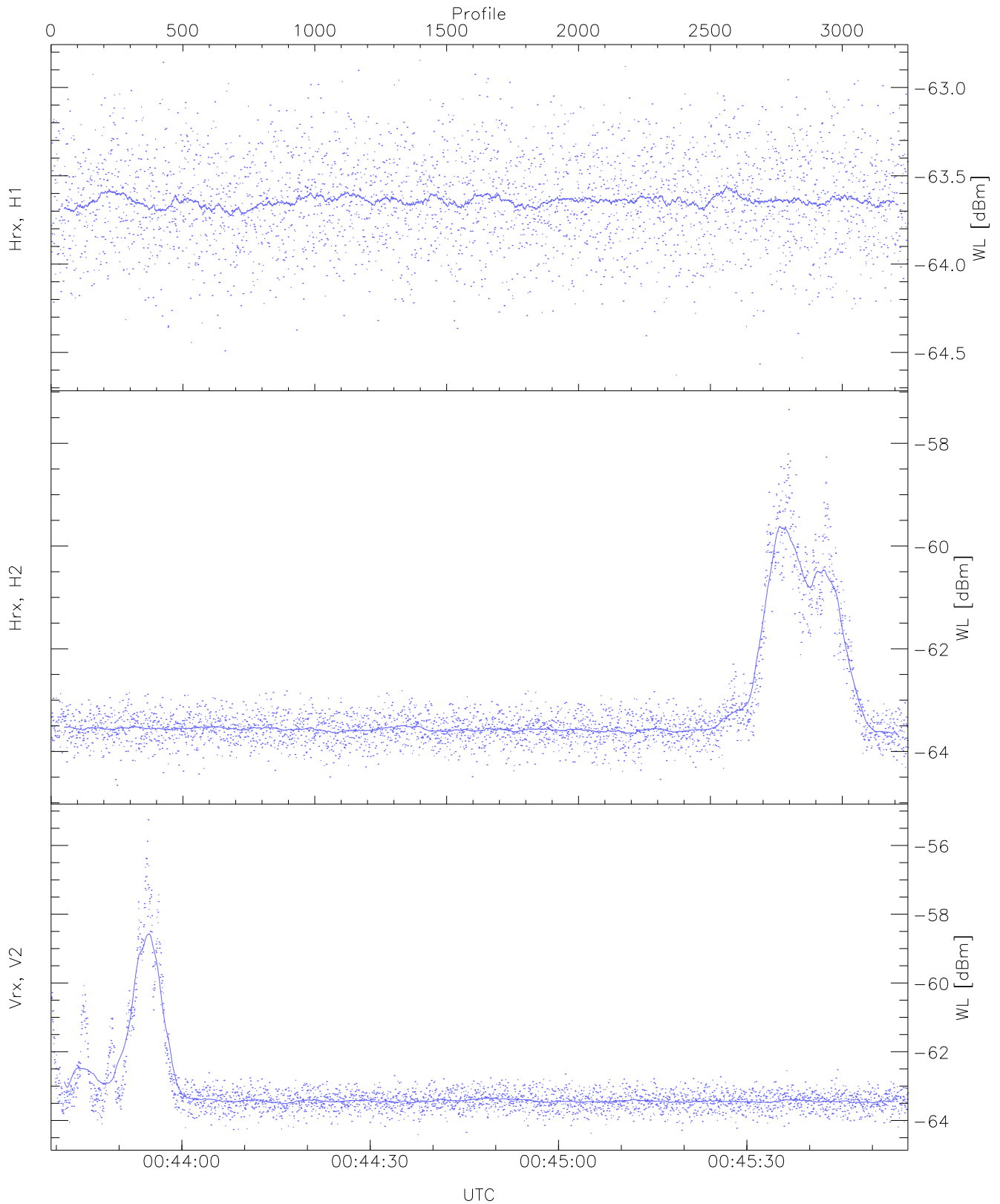


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,94,18,26,24,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,96,20,28,26,29
 LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,13,0
 EIK/Modulator Faults: None

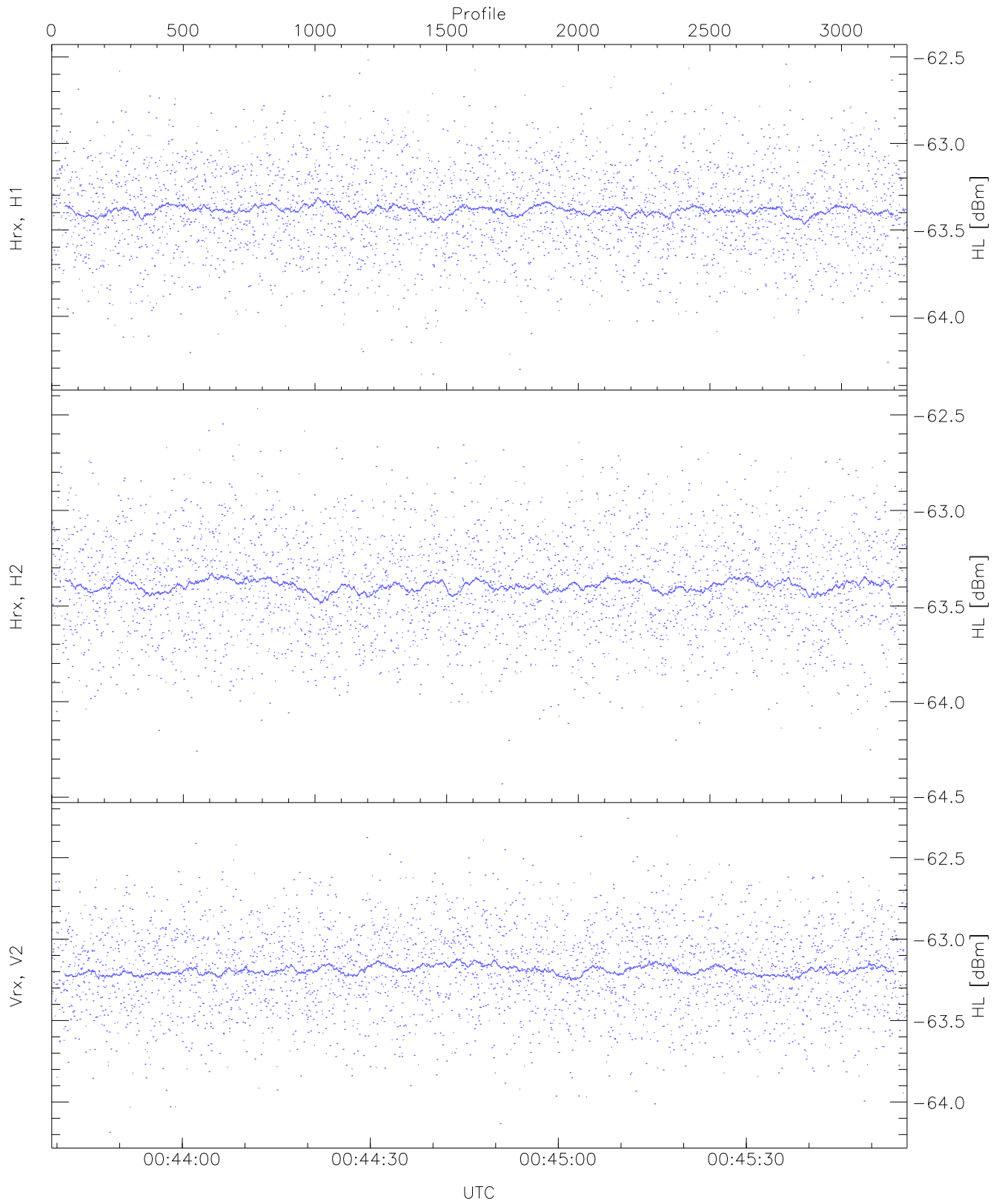
WARNING: <VrxHLn>-<VrxWLn> < 0.05dB for 1 pwr prods.
 WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 1 pwr prods.





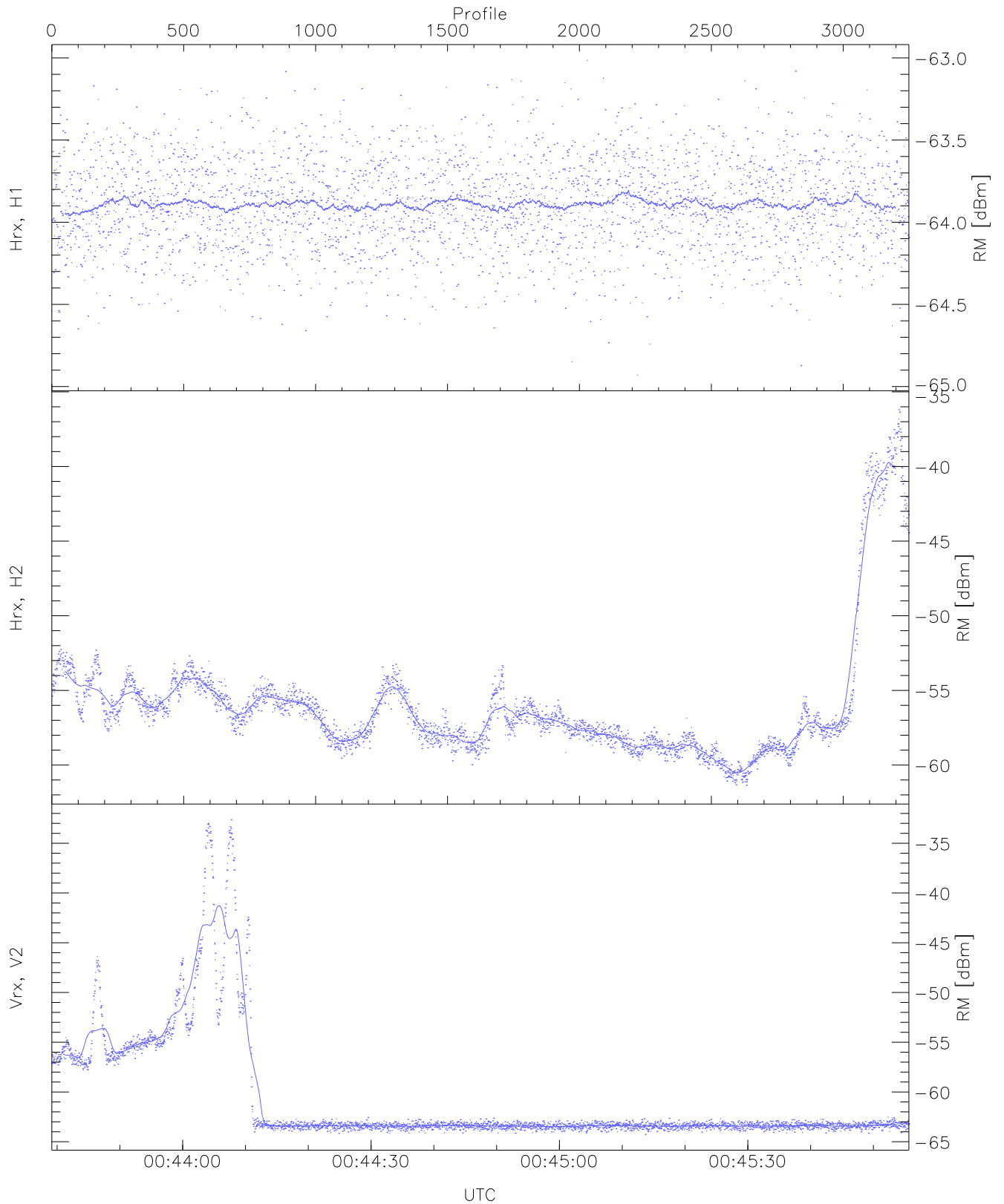
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.63	-62.85	-63.64	-63.65	-75.85
Hrx, H2 (WL [dBm])	-64.66	-57.34	-63.07	-63.51	-67.92
Vrx, V2 (WL [dBm])	-64.41	-55.25	-63.01	-63.39	-67.11



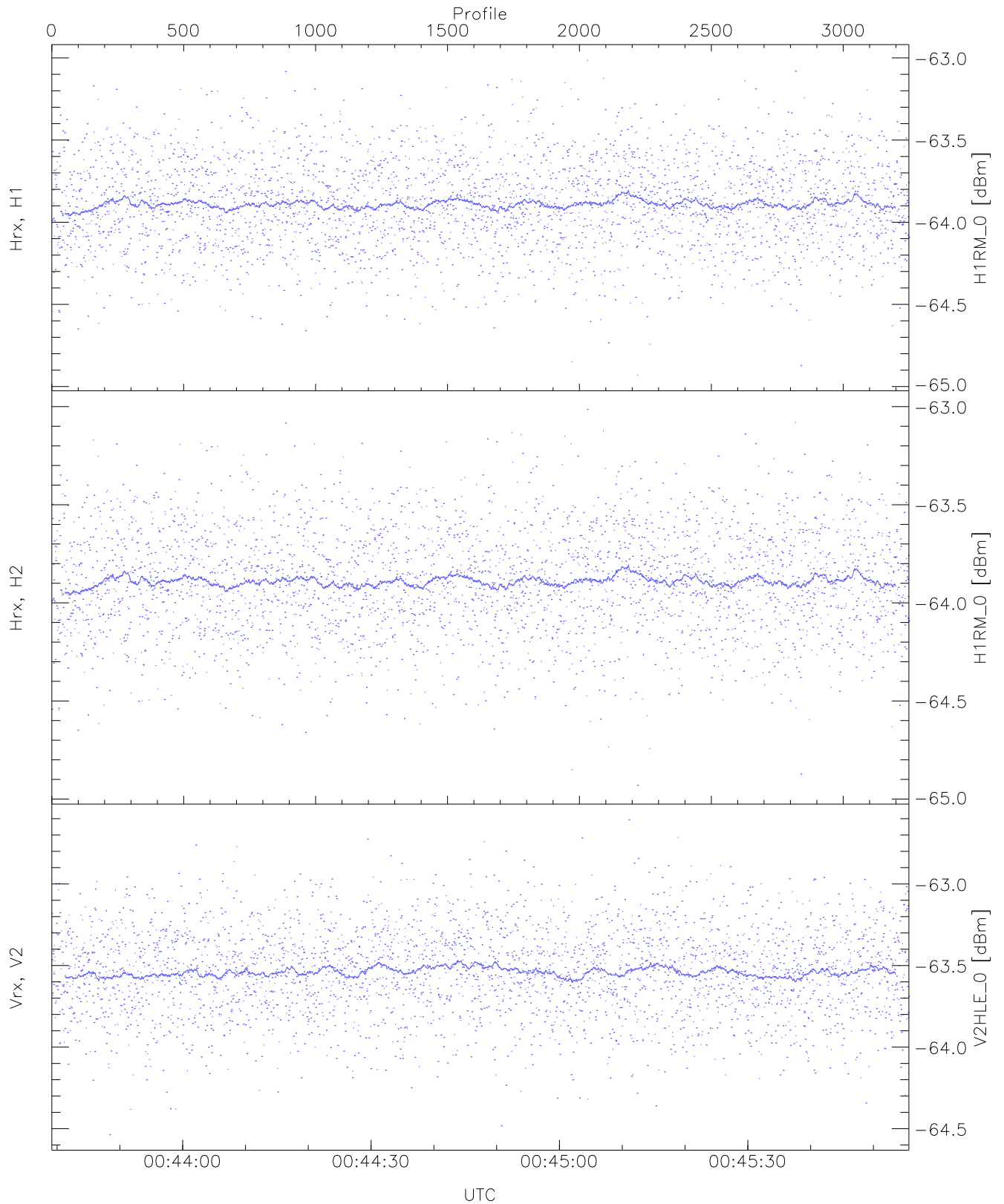
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.34	-62.52	-63.38	-63.39	-75.61
Hrx, H2 (HL [dBm])	-64.43	-62.47	-63.39	-63.40	-75.47
Vrx, V2 (HL [dBm])	-64.19	-62.26	-63.18	-63.19	-75.36



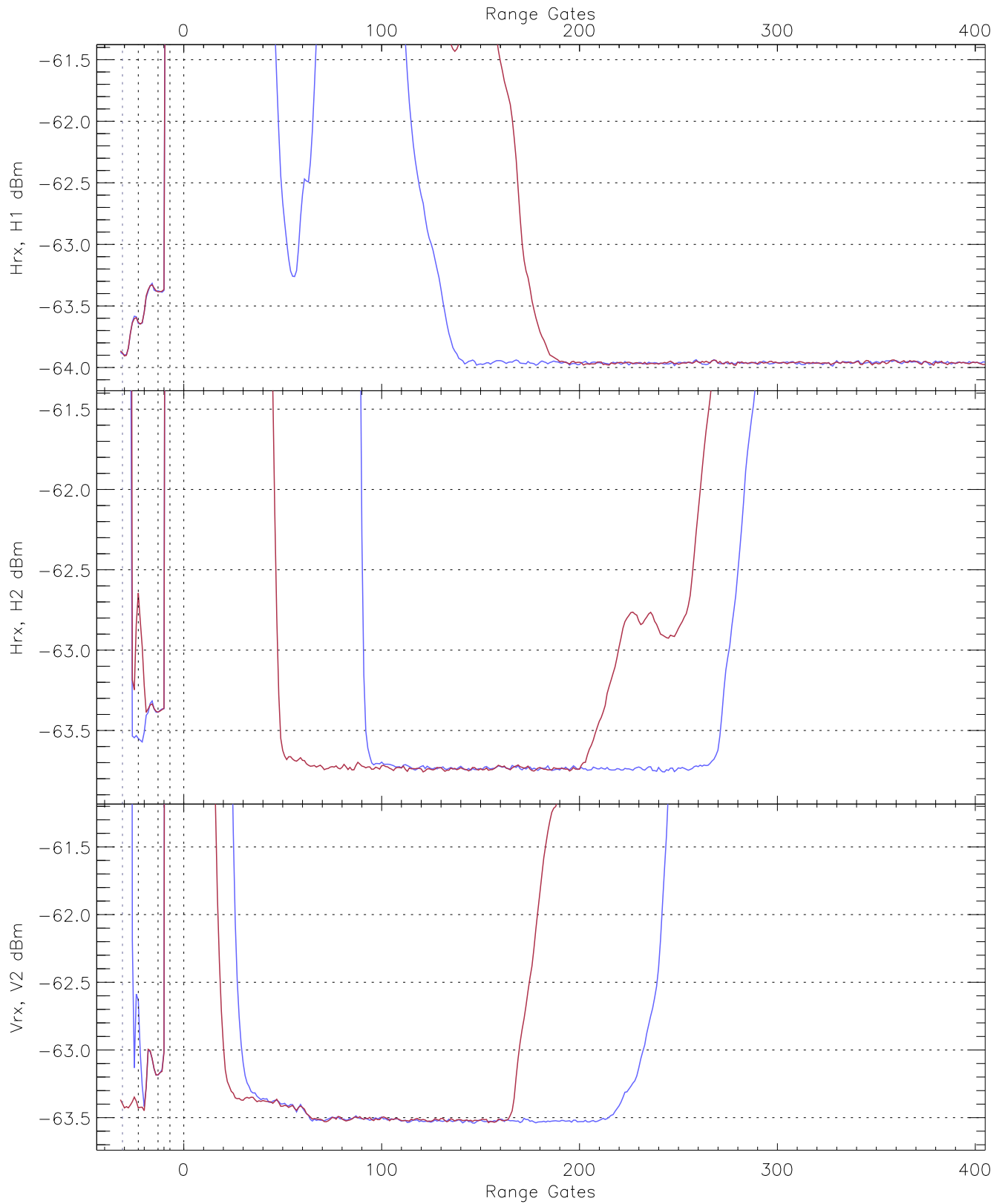
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.93	-63.01	-63.88	-63.90	-76.03
Hrx, H2 (RM [dBm])	-61.35	-36.18	-51.33	-57.00	-46.33
Vrx, V2 (RM [dBm])	-64.27	-32.64	-50.69	-63.30	-43.30

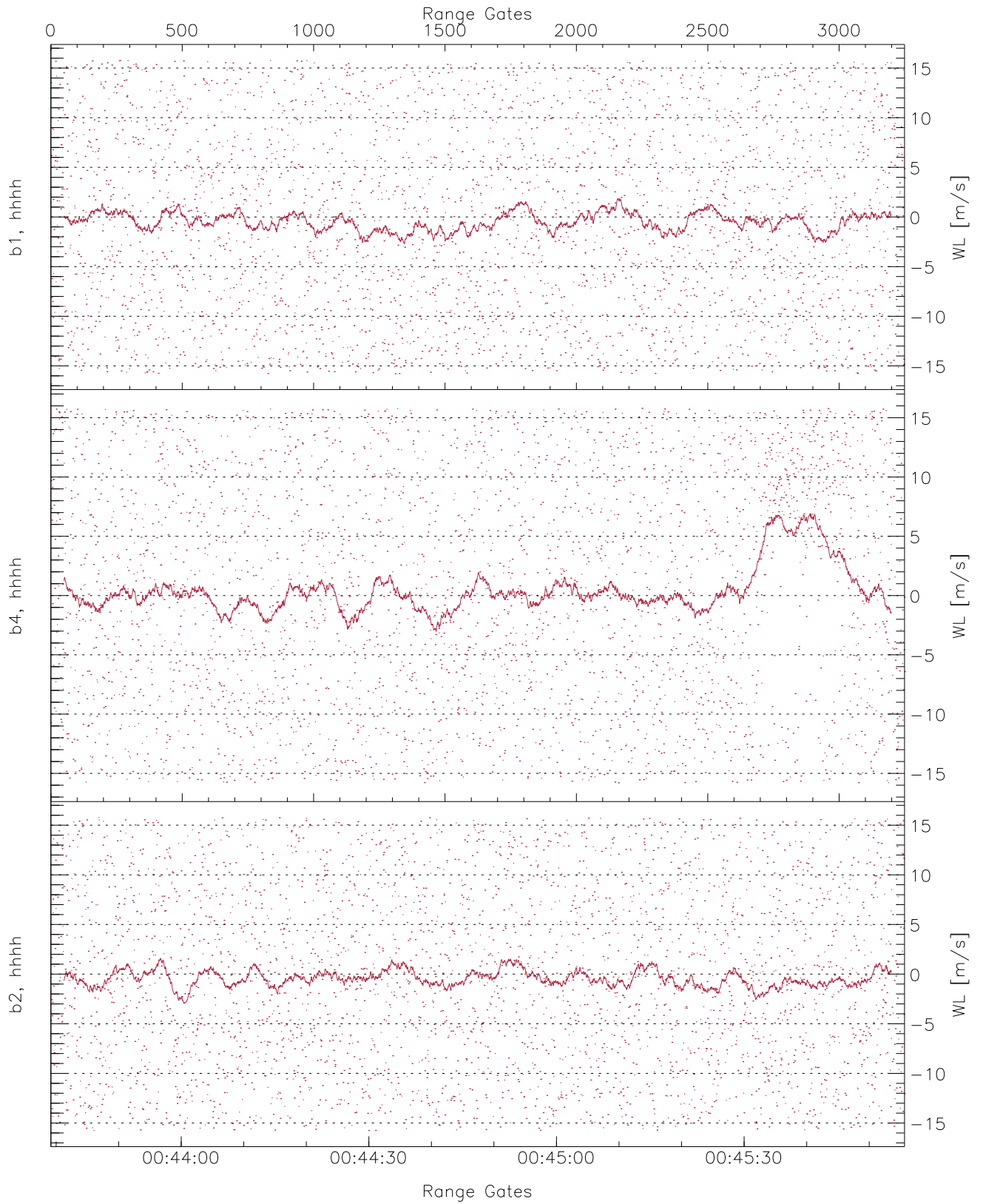


WCR2 CPP "Best" estimate Receivers Noise Power

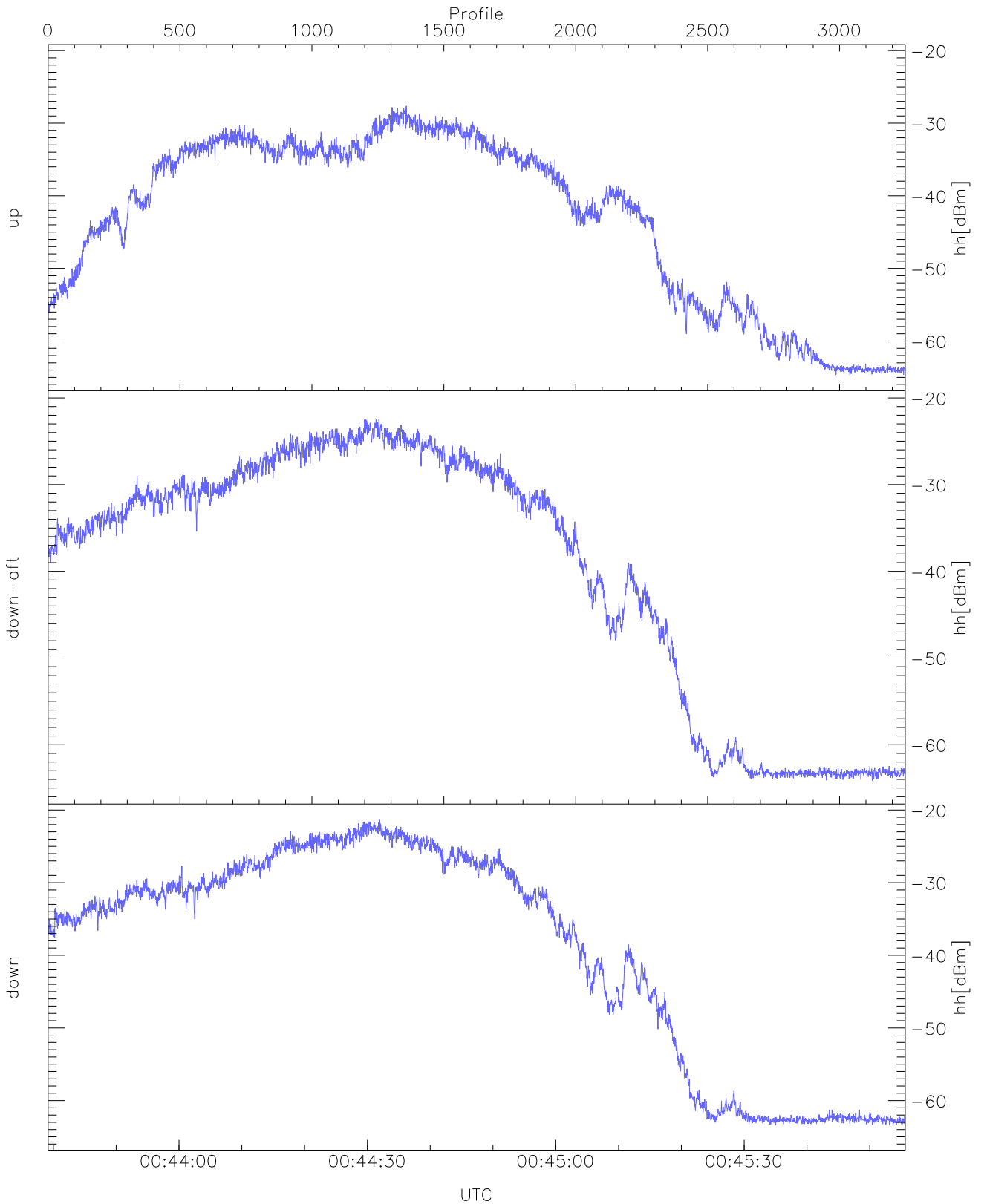
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.93	-63.01	-63.88	-63.90	-76.03
H1RM_0 [dBm]	-64.93	-63.01	-63.88	-63.90	-76.03
V2HLE_0 [dBm]	-64.54	-62.61	-63.53	-63.54	-75.71



WCR2 CPP Averaged Received power for all recorded gates
blue: 004339-4447, 1626 profiles averaged
red: 4447-004556, 1625 profiles averaged

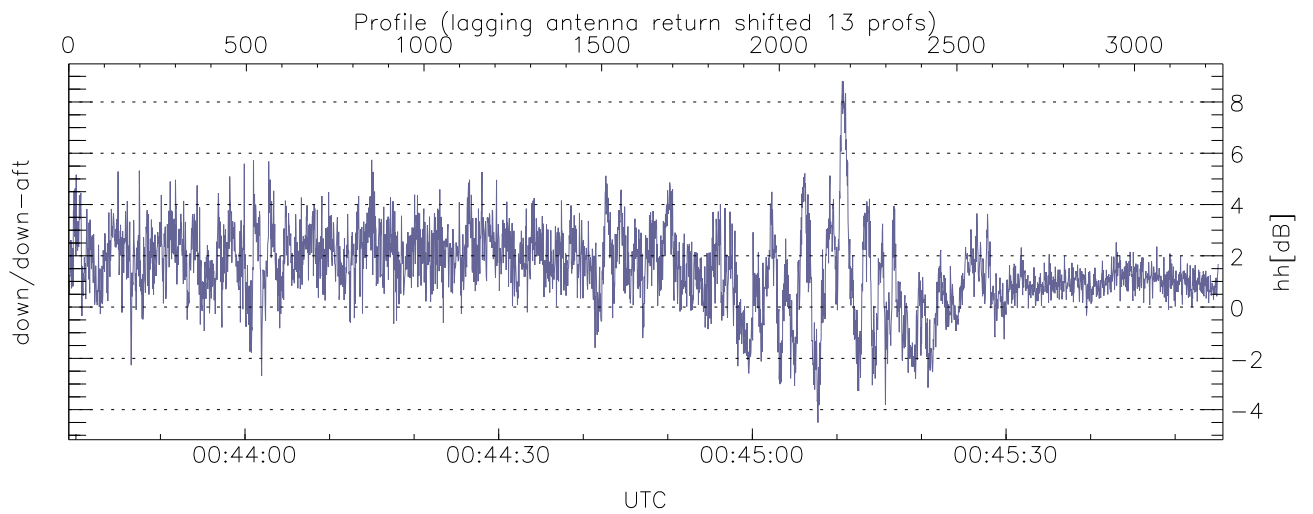
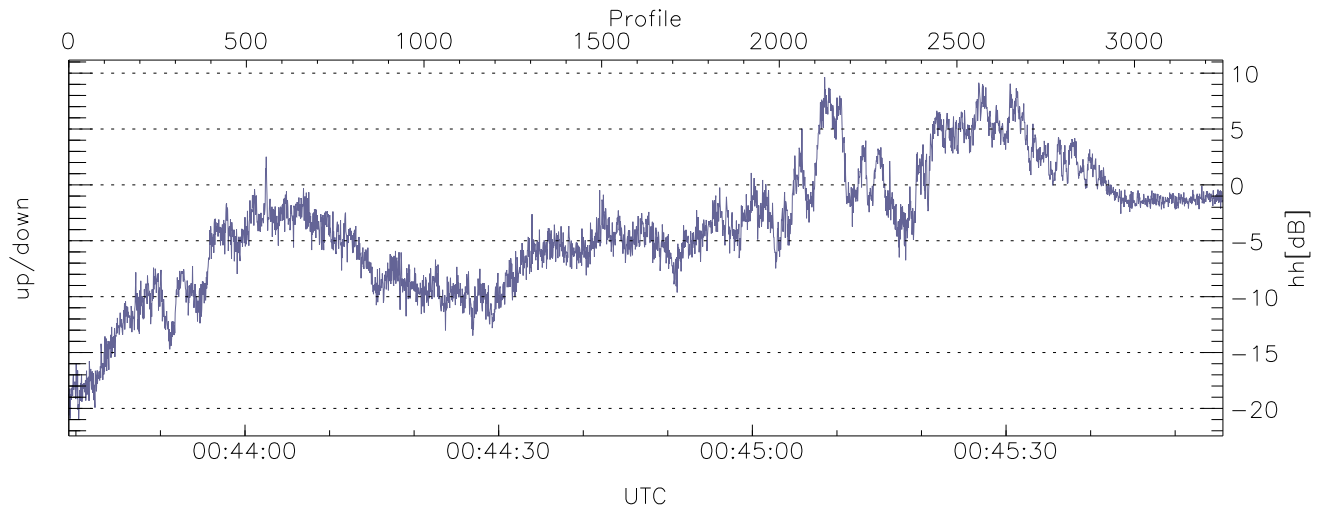


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



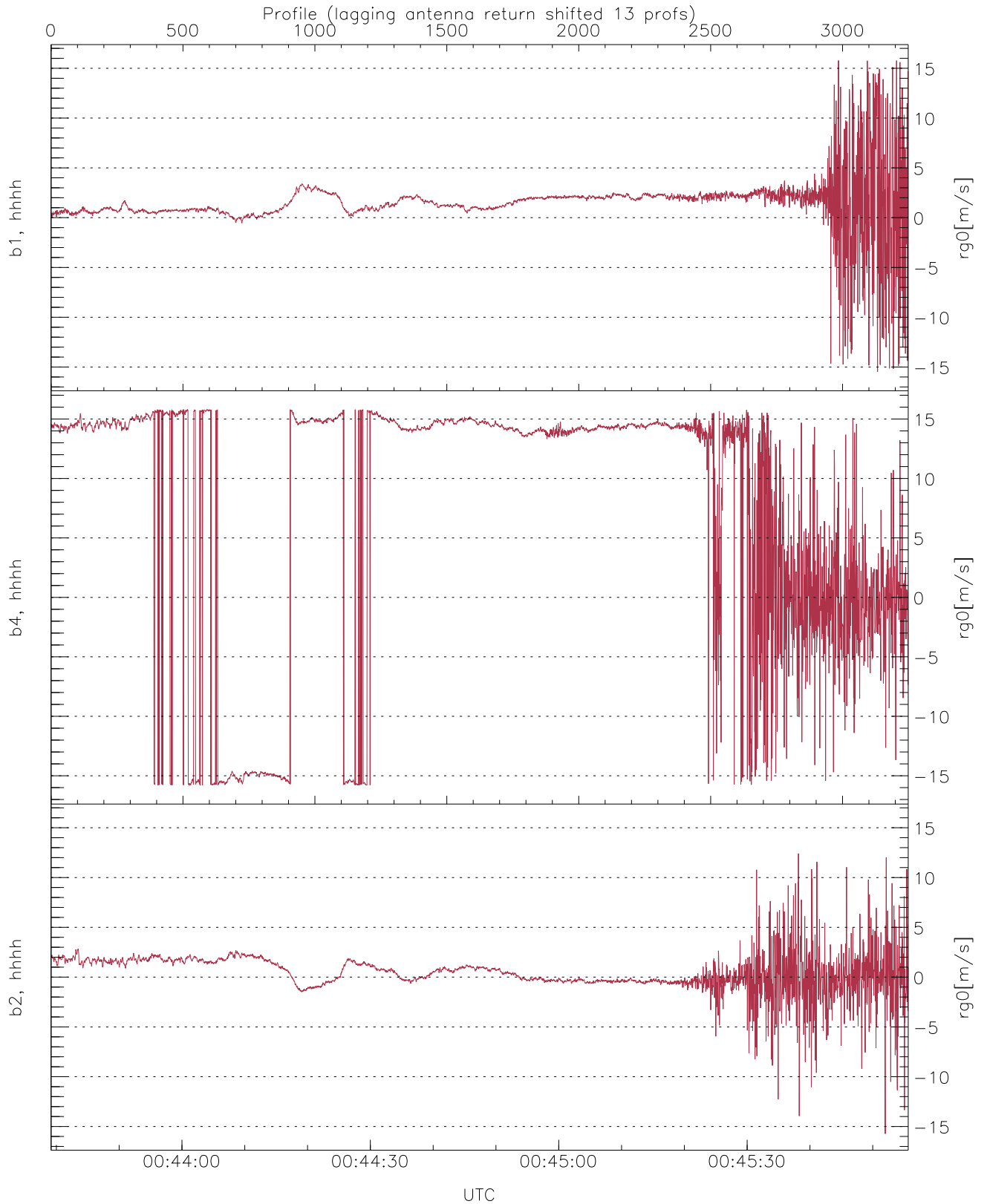
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.67	-27.63	-35.50
down-aft(hh[dBm])	-64.15	-22.40	-29.96
down(hh[dBm])	-63.38	-21.34	-29.11



WCR2 CPP Received Power Ratio; Range gates used: 0,1 (105,120 m)

	Min	Max	Mean
up/down(hh[dB])	-20.93	9.64	-2.62
down/down-aft(hh[dB])	-4.51	8.82	1.49



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-15.48	15.78	1.44	2.56
b4, hhhh(rg0[m/s])	-15.79	15.80	7.74	11.01
b2, hhhh(rg0[m/s])	-15.73	12.41	0.46	1.87