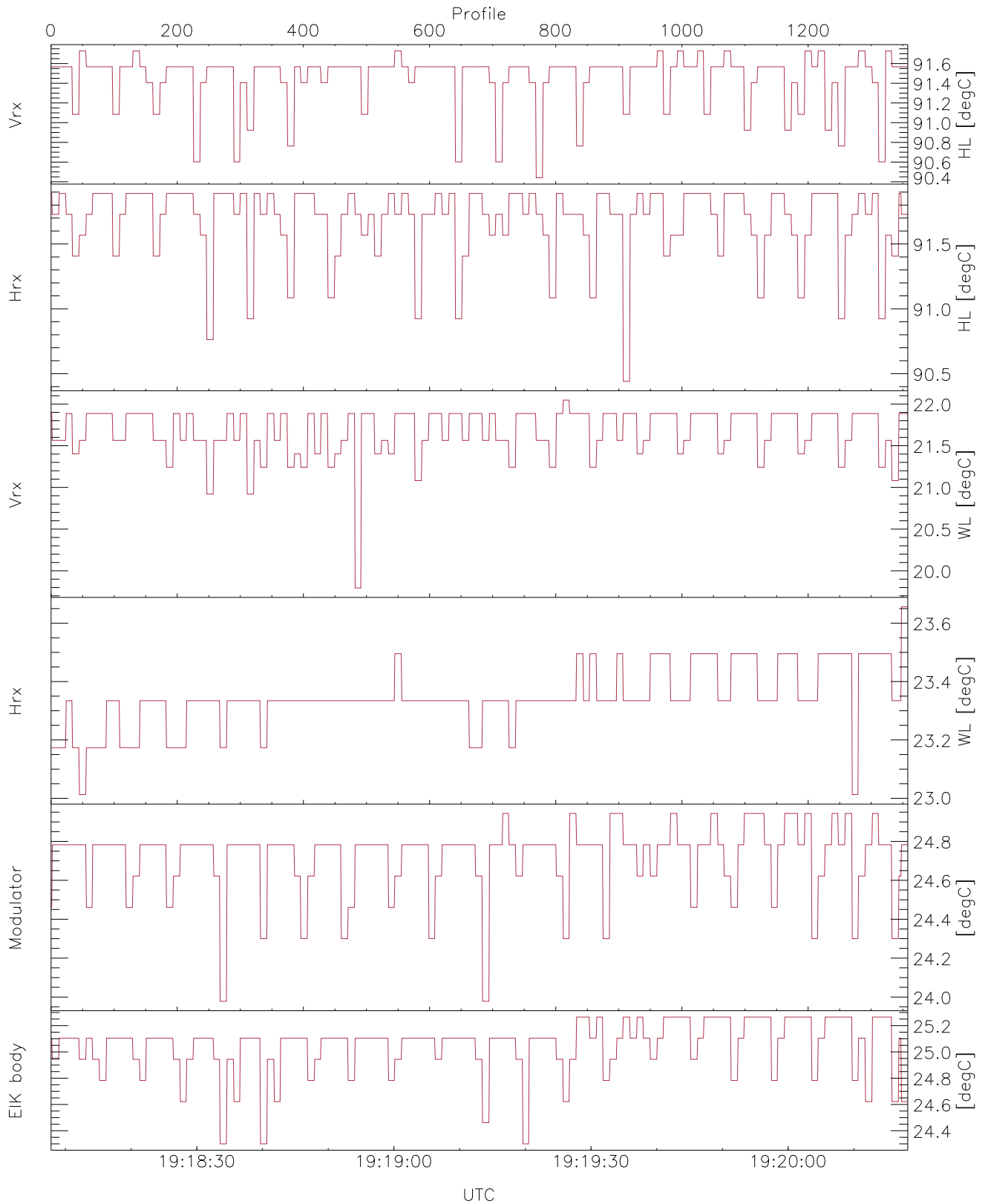


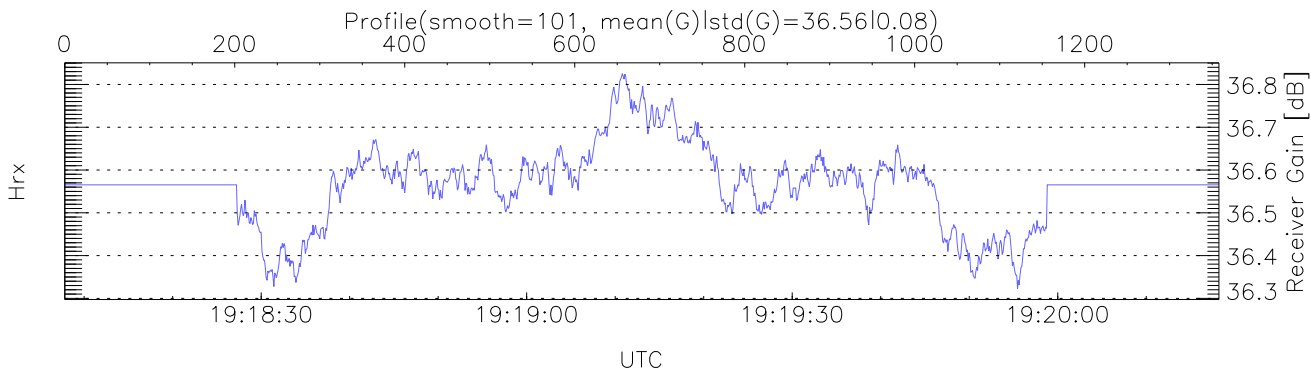
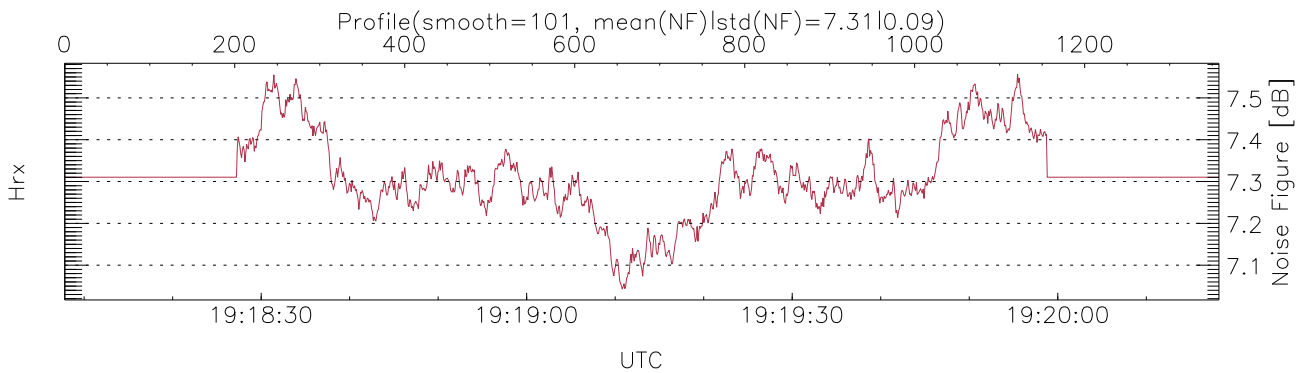
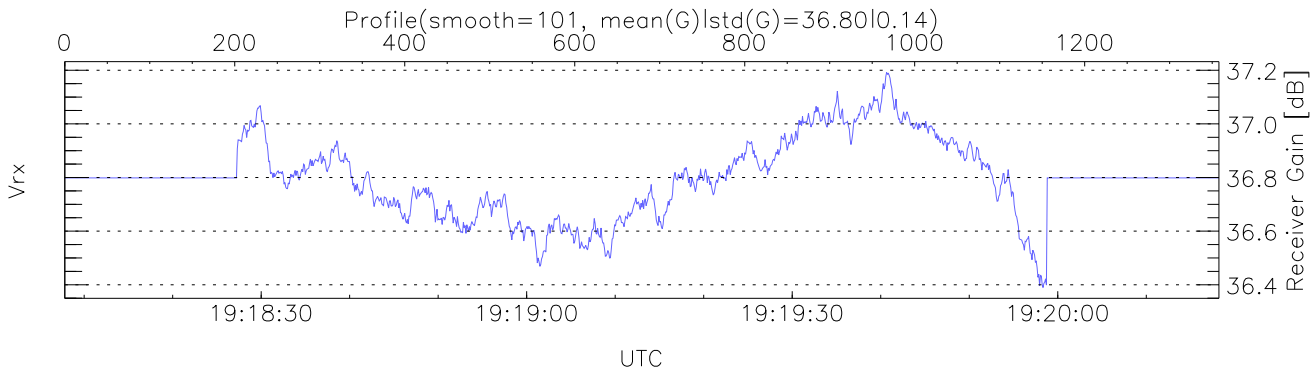
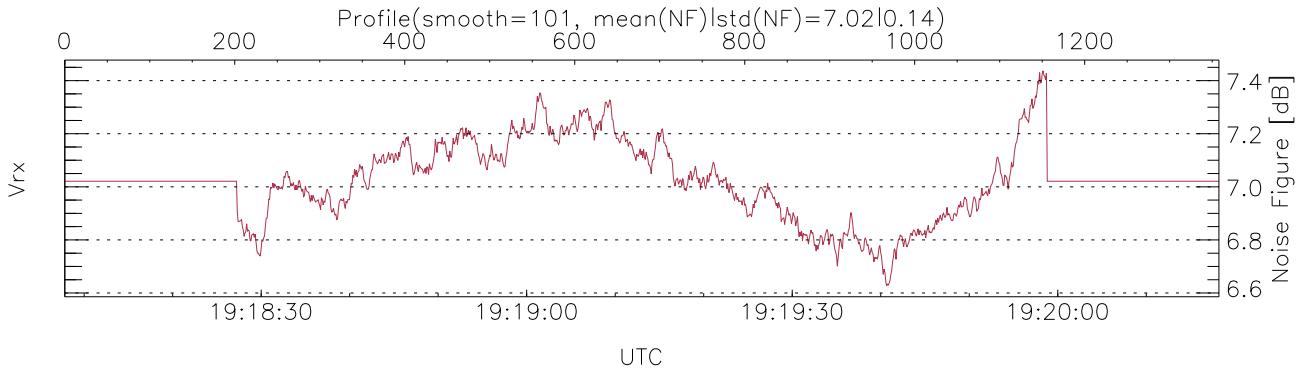
WCR3 FF3 Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:18:08-19:20:18, TimeCor: 0.00s, Dur: 130.40s  
 TimeFlg: 40, Using Host/Server time !  
 TimeInt/PPS(min,max,mn,std): 87.3,104.7,96.0,0.3 ms / 11.5,9.5,10.4  
 NumRec(r/t): 1359/1359, 0-1358/19:18:08-19:20:18  
 AcqTime: 96.0ms, Rate: 3.835MB/s, Averages (req.,actual): 10,10  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 V2 H2  
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 1.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 0  
 FFTlen: 64, FFTwin: rectangular, # averagedFFT: 10, cr-polFFT: NO  
 FFTres: 0.493,0.493,0.493 m/s, PulsePairCalc: YES



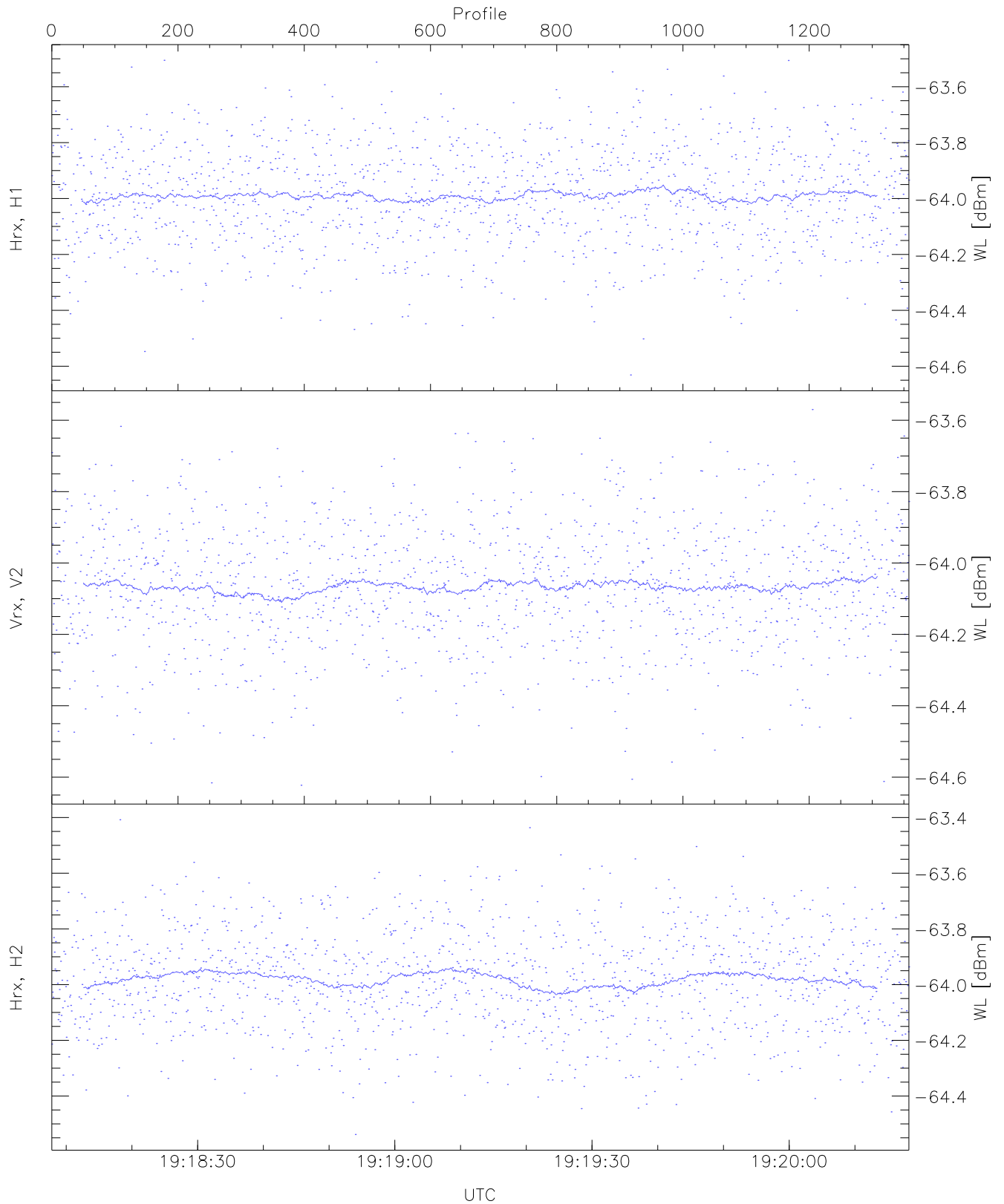
WCR3 FF3 Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,90,19,23,23,24  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,22,23,24,25  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



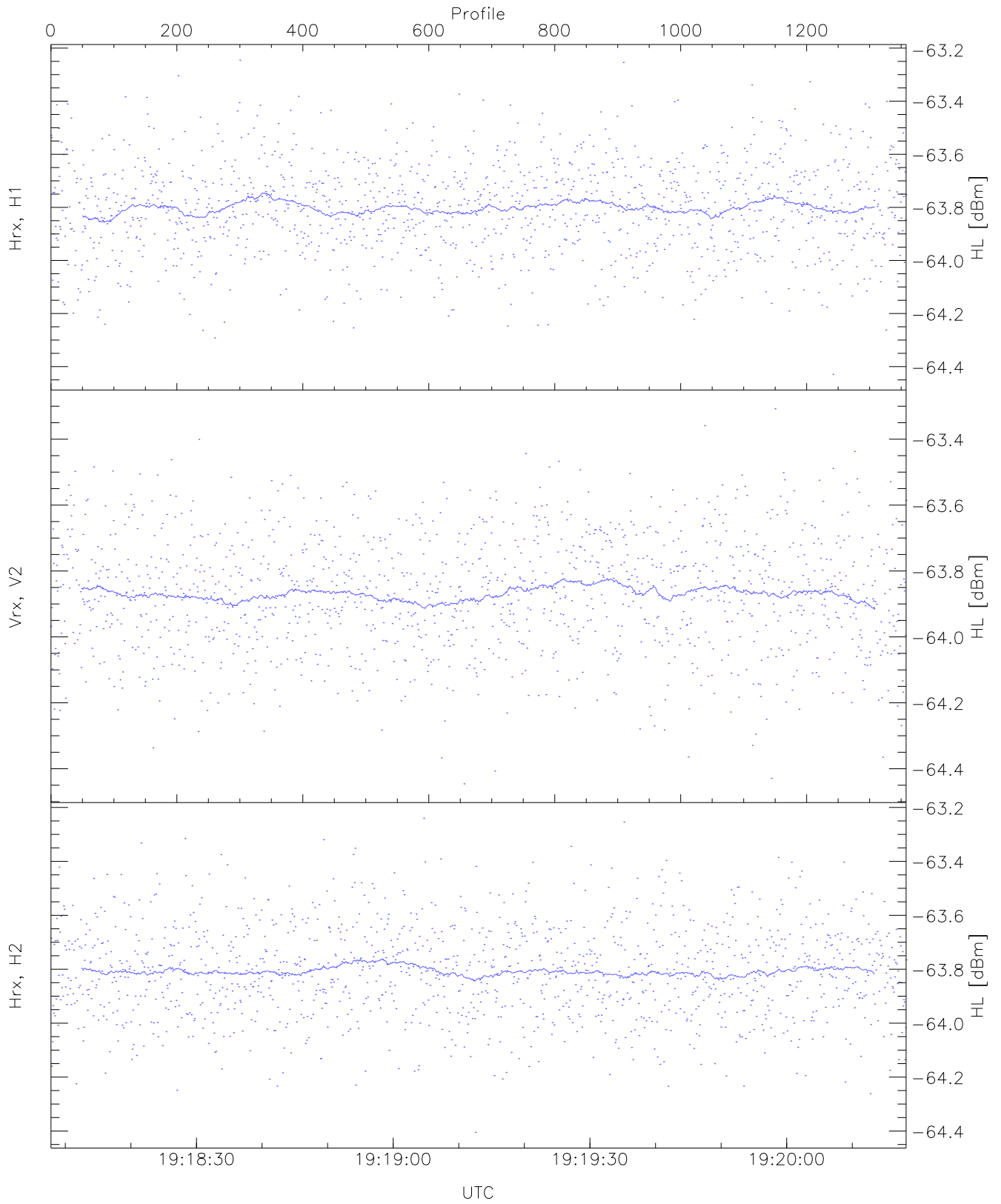
### WCR3 FF3 Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



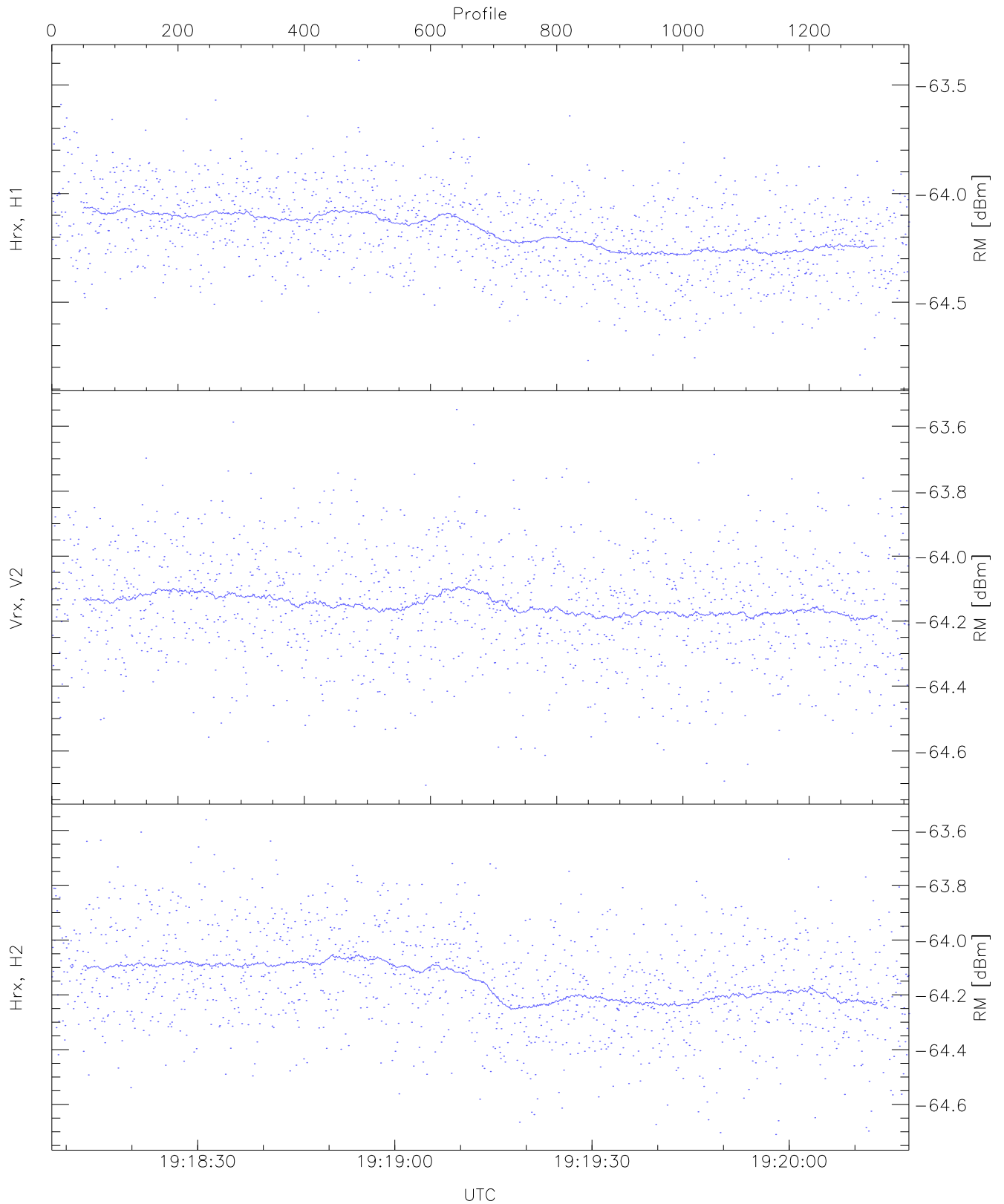
WCR3 FF3 Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.63	-63.51	-63.99	-63.99	-77.97
Vrx, V2 (WL [dBm])	-64.62	-63.57	-64.06	-64.06	-78.20
Hrx, H2 (WL [dBm])	-64.54	-63.41	-63.98	-63.98	-78.03



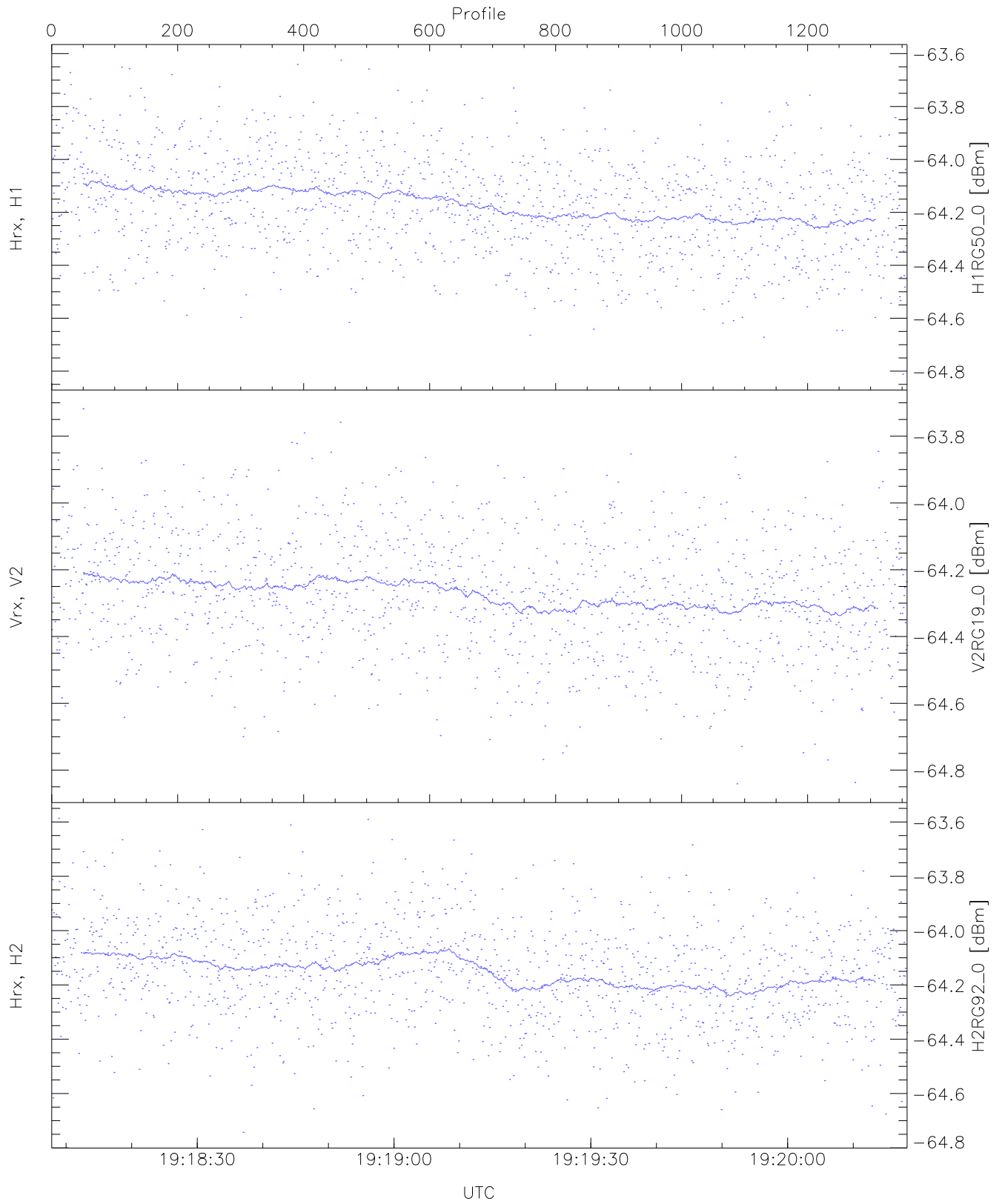
WCR3 FF3 Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.43	-63.25	-63.80	-63.80	-77.91
Vrx, V2 (HL [dBm])	-64.45	-63.31	-63.87	-63.87	-77.91
Hrx, H2 (HL [dBm])	-64.40	-63.24	-63.81	-63.81	-77.91



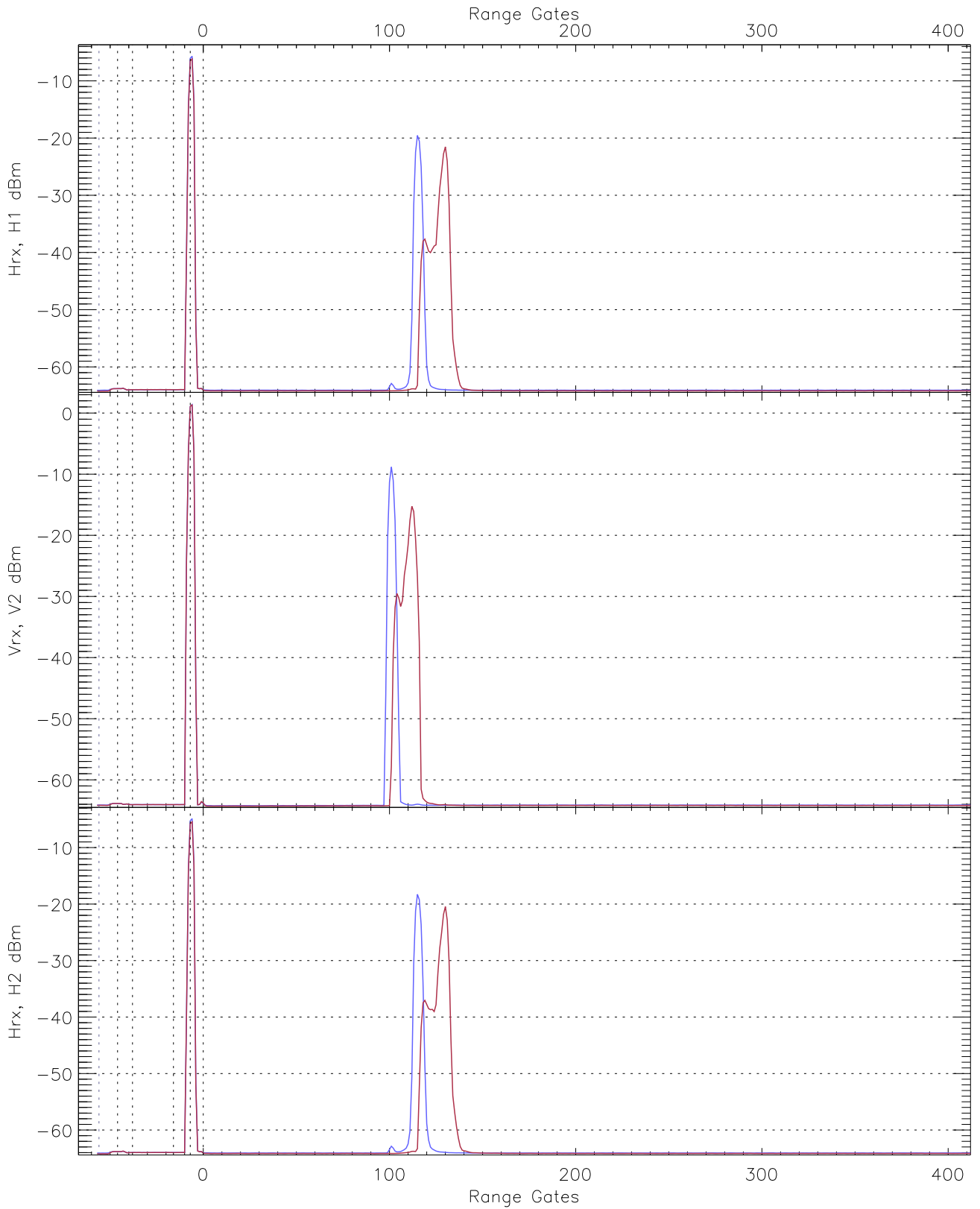
WCR3 FF3 Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.84	-63.39	-64.17	-64.17	-77.73
Vrx, V2 (RM [dBm])	-64.71	-63.55	-64.15	-64.15	-78.25
Hrx, H2 (RM [dBm])	-64.71	-63.56	-64.15	-64.16	-77.88



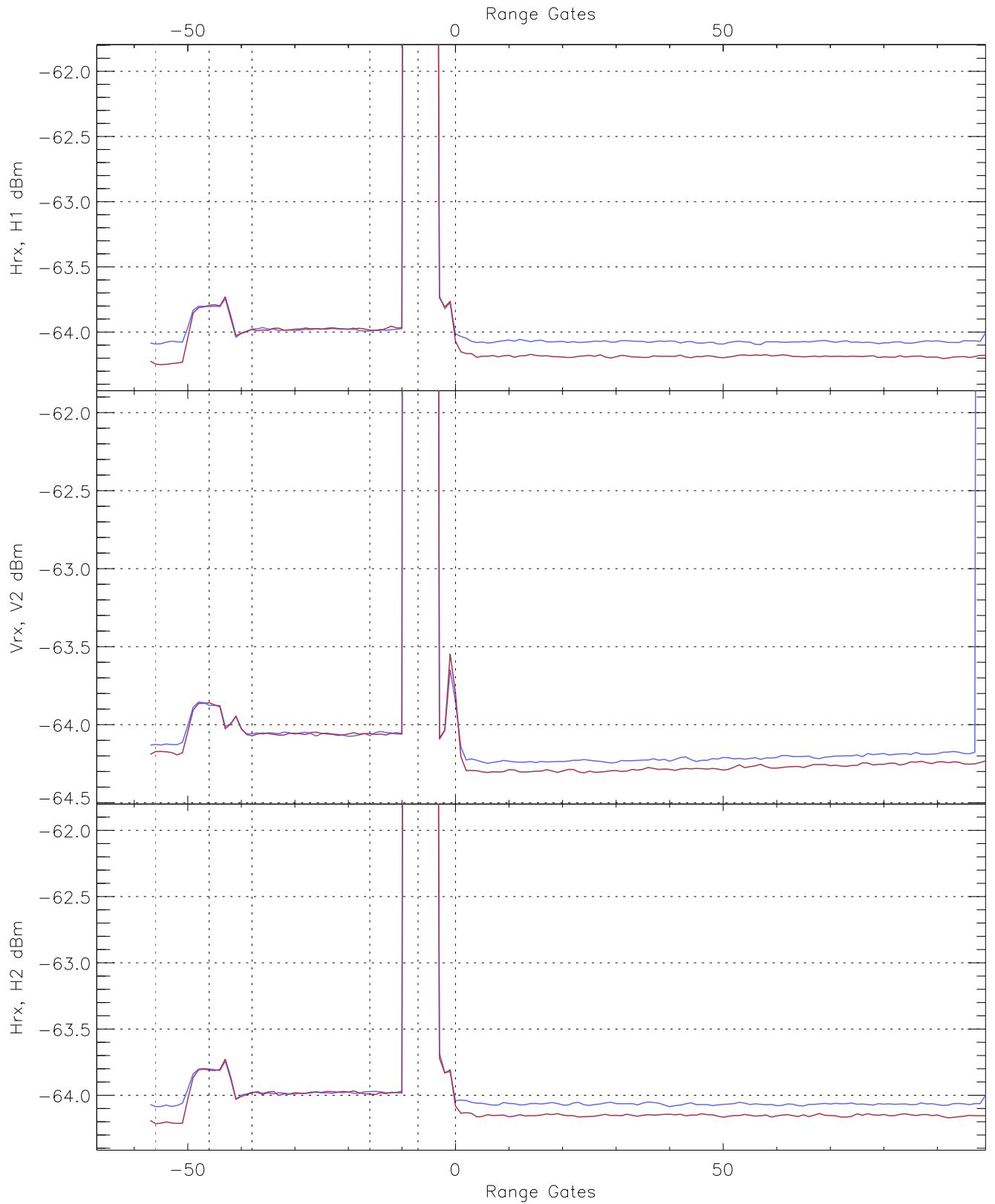
WCR3 FF3 "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG50_0 [dBm]	-64.81	-63.62	-64.17	-64.17	-77.92
V2RG19_0 [dBm]	-64.84	-63.72	-64.27	-64.27	-78.26
H2RG92_0 [dBm]	-64.74	-63.59	-64.15	-64.15	-78.00

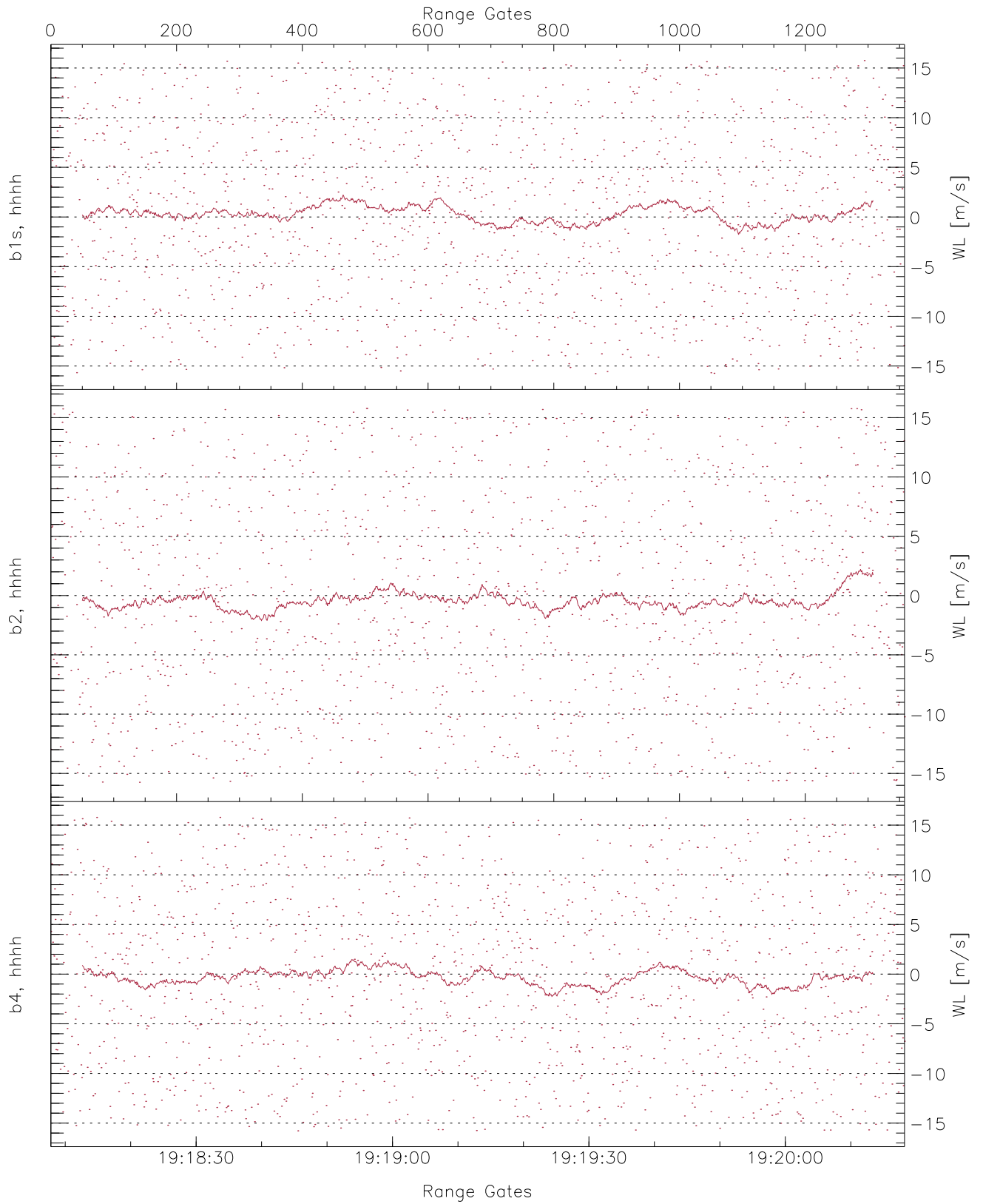


WCR3 FF3 Averaged Received power for all recorded gates  
blue: 191808-191913, 680 profiles averaged  
red: 191913-192018, 680 profiles averaged

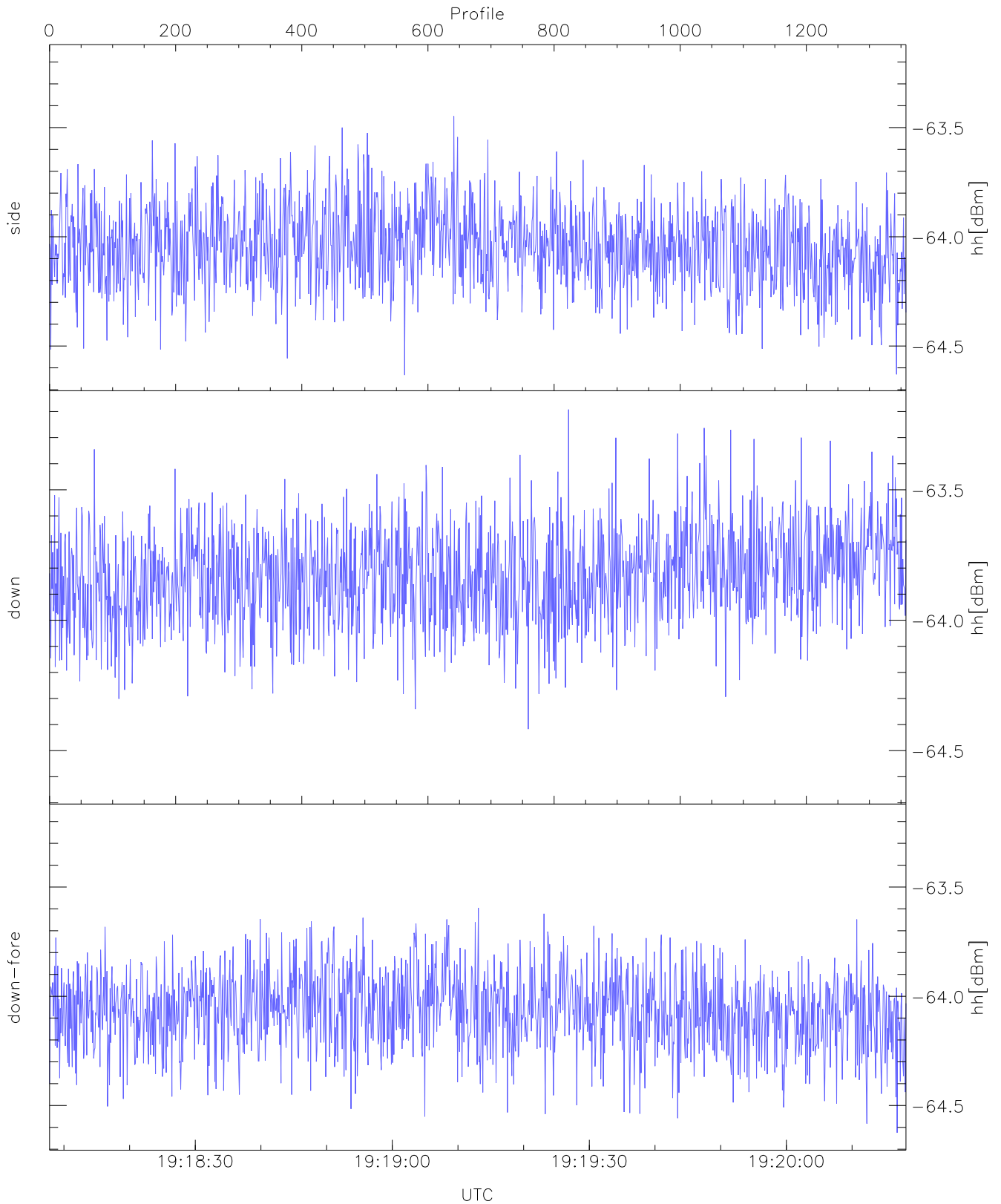




WCR3 FF3 Averaged Received power for the negative gates and up to 100 gate  
blue: 191808-191913, 680 profiles averaged  
red: 191913-192018, 680 profiles averaged

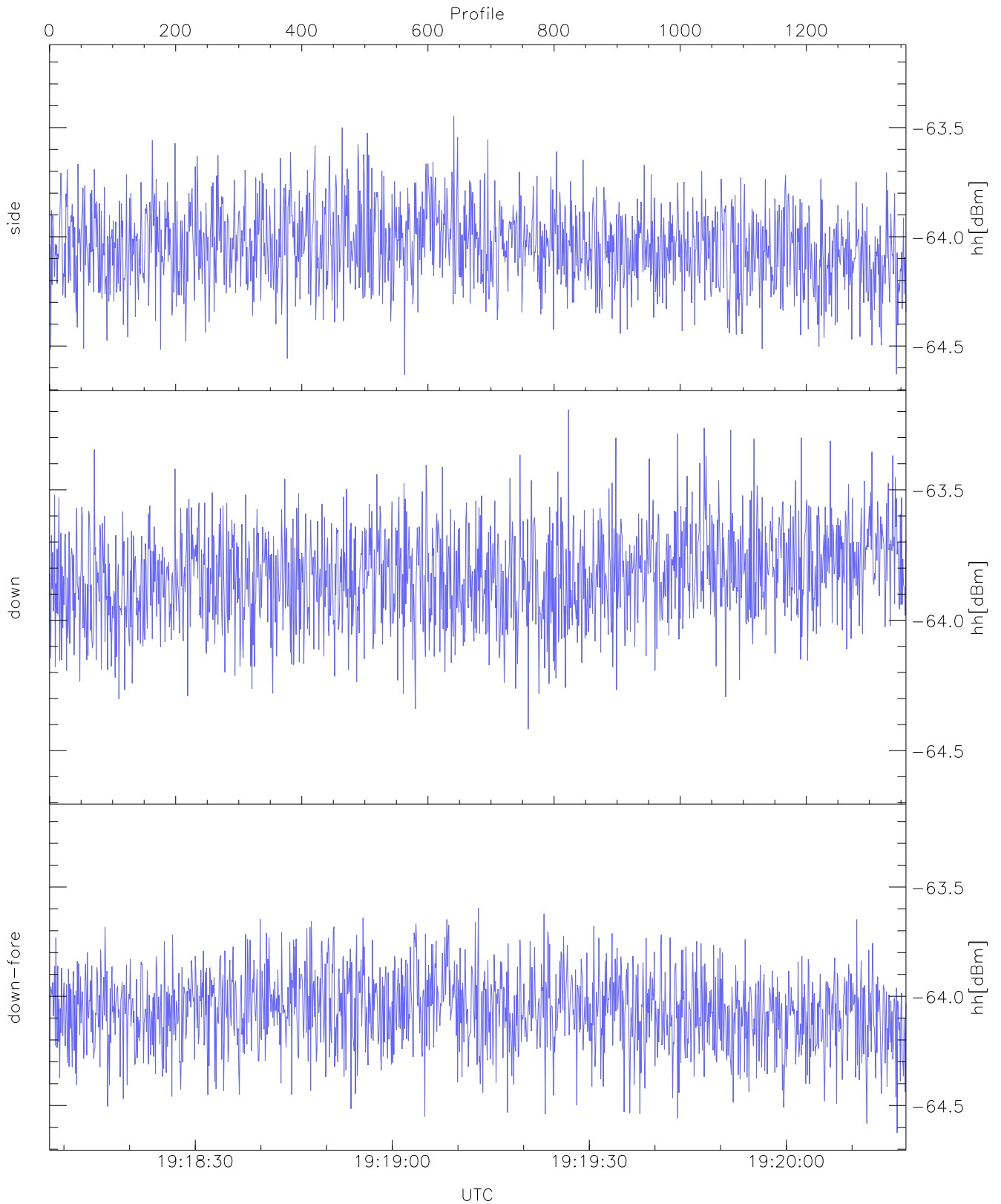


WCR3 FF3 Receivers Phase Noise (in m/s) from the Warm Loads Measurements



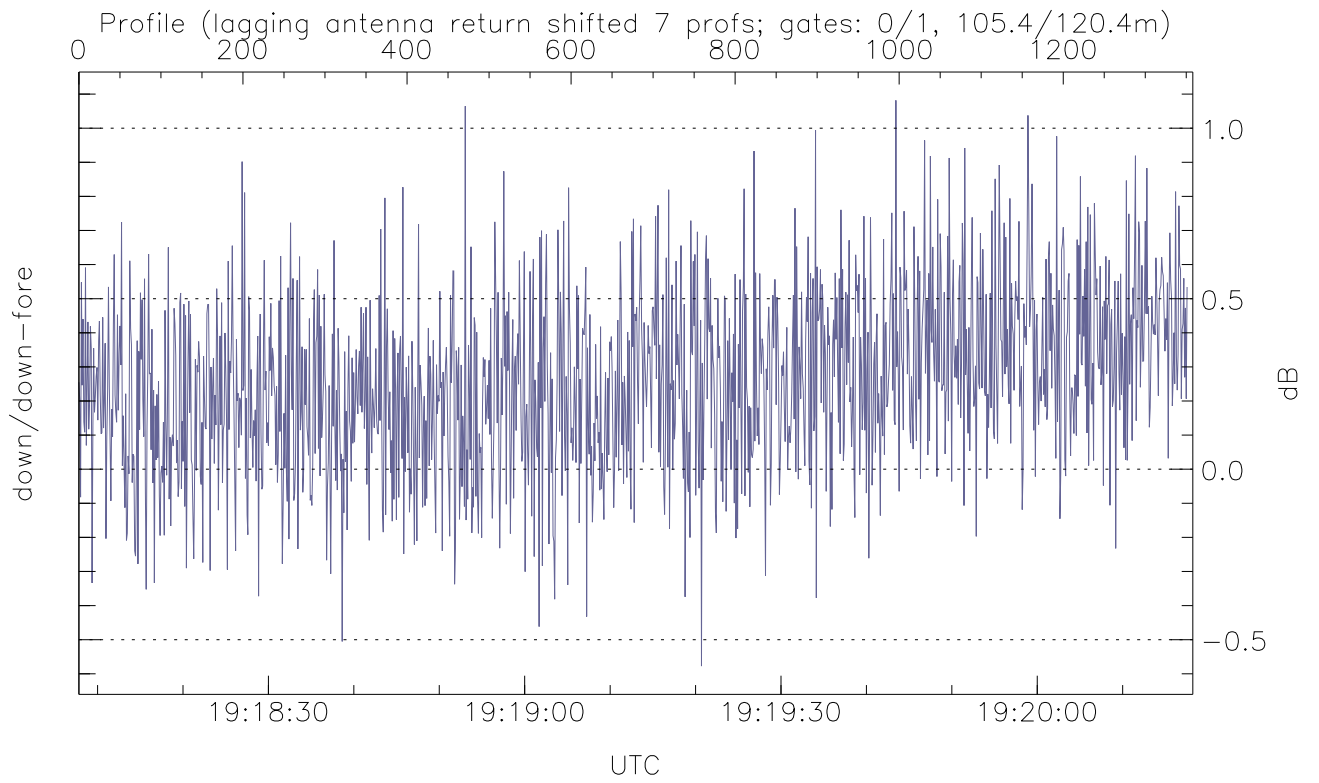
WCR3 FF3 Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
side(hh[dBm])	-64.63	-63.45	-64.04
down(hh[dBm])	-64.42	-63.19	-63.83
down-fore(hh[dBm])	-64.62	-63.60	-64.06



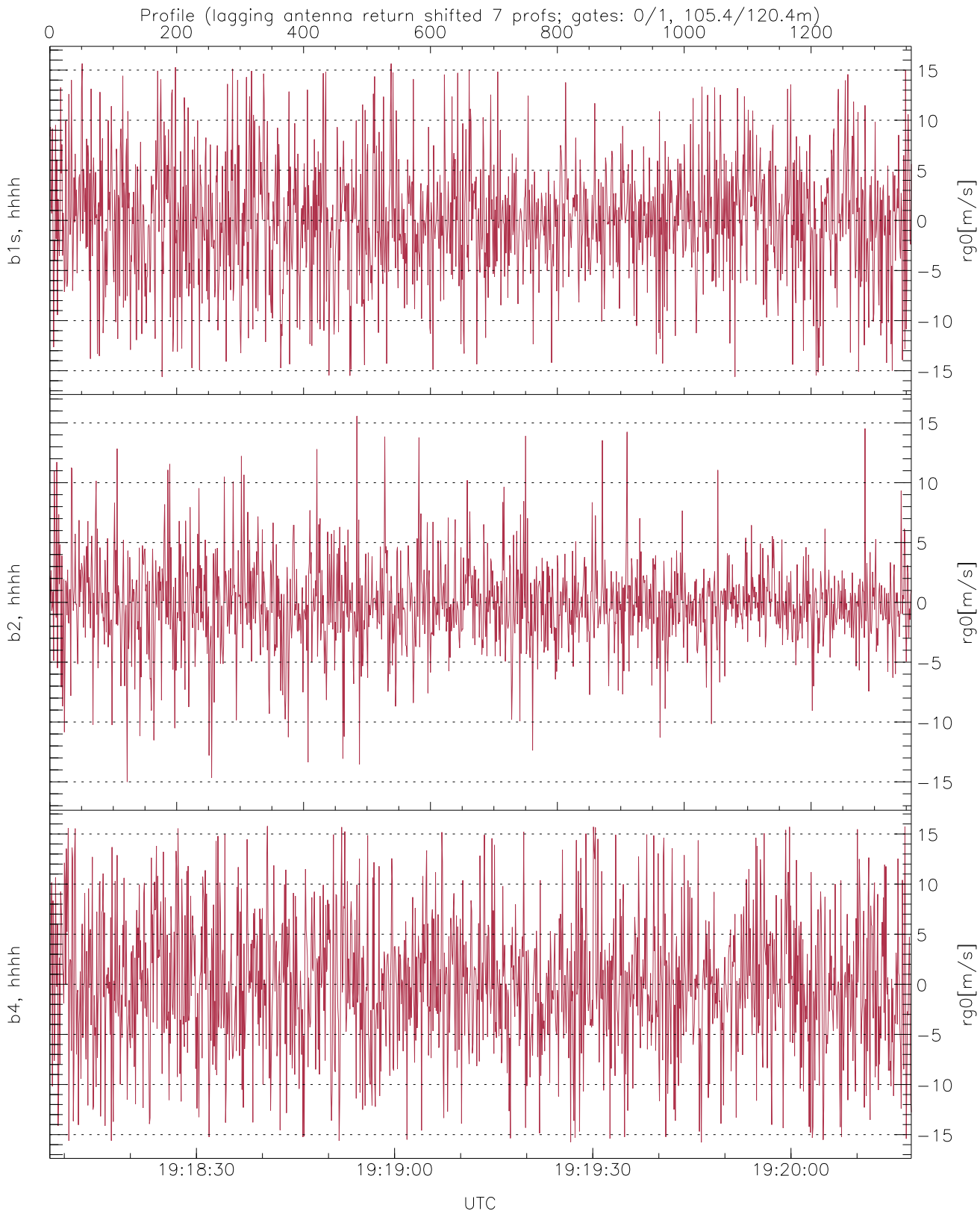
WCR3 FF3 Power Products(psdmom0) for Range gate 0 (105.4 m)

	Min	Max	Mean
side(hh[dBm])	-64.63	-63.45	-64.04
down(hh[dBm])	-64.42	-63.19	-63.83
down-fore(hh[dBm])	-64.62	-63.60	-64.06



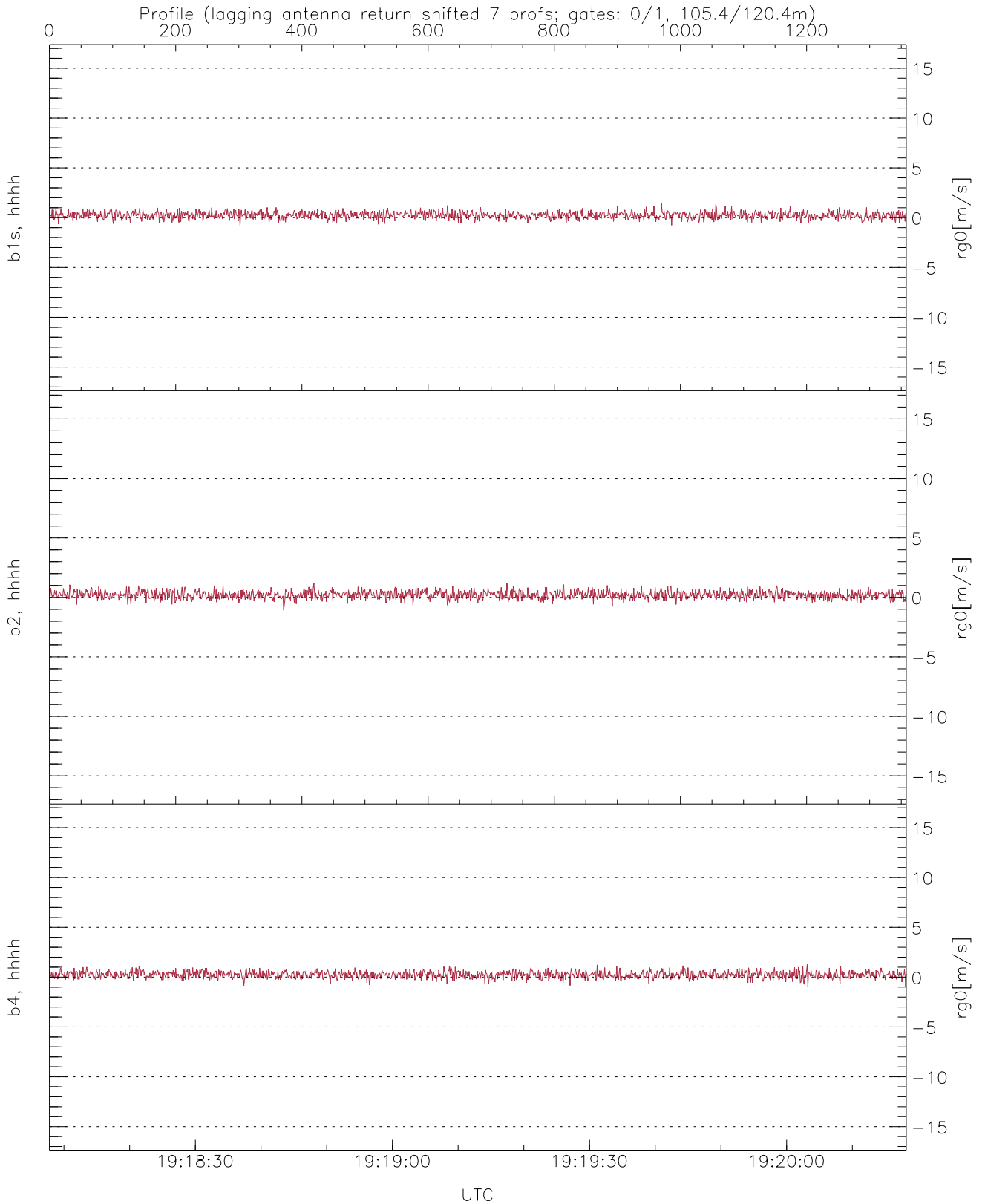
WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
down/down-fore(dB)	-0.58	1.08	0.26



WCR3 FF3 Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1s, hhhh(rg0[m/s])	-15.61	15.65	0.04	6.04
b2, hhhh(rg0[m/s])	-15.00	15.57	-0.11	3.70
b4, hhhh(rg0[m/s])	-15.78	15.78	-0.04	6.69



WCR3 FF3 Doppler Velocity Products (psdmom1) at 105.4 m range

	Min	Max	Mean	StDev
b1s, hhhh(rg0[m/s])	-0.84	1.47	0.25	0.34
b2, hhhh(rg0[m/s])	-1.07	1.19	0.22	0.32
b4, hhhh(rg0[m/s])	-0.97	1.28	0.25	0.34