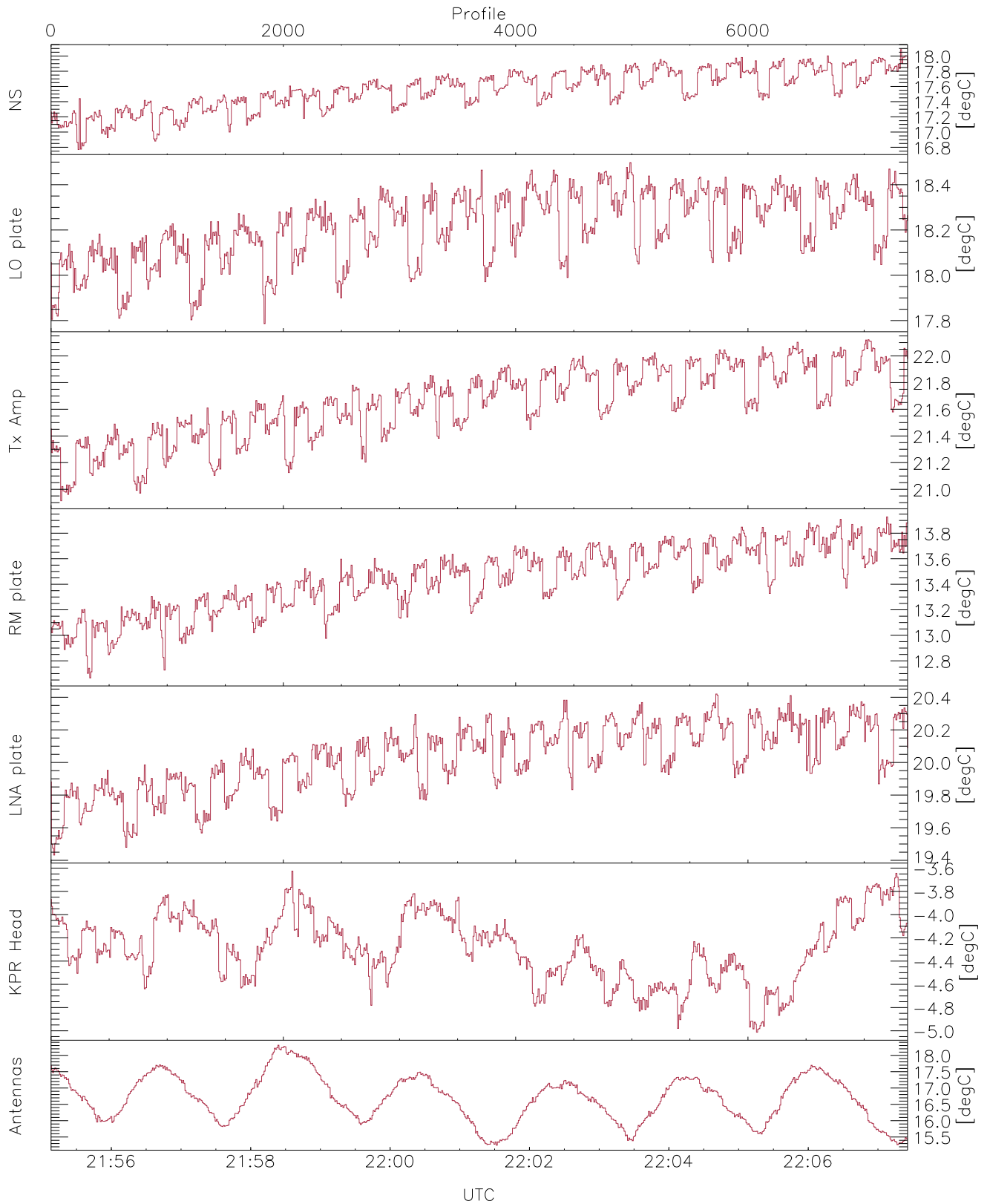


KPR SPP; Ant(s): DOWN; Radiometer: OFF
 UTC: 21:55:08-22:07:26, TimeCor: 0.00s, Dur: 737.40s
 TimeInt(min,max,mn,std): 84.7,115.3,100.0,0.7 ms; PPS: 10.0
 NumRec(r/t): 7375/7375, 0-7374/21:55:08-22:07:26
 AcqTime(req,actual): 100.0,100.0 ms, Data Rate: 244.8 KB/s
 Pulse: 247 ns, Chirp: 2.47 us, DRxIF: 5.0 MHz
 PRF: 20.0 KHz, avrgPulses: 2000, avrgPP: 1999
 NyquistVel: 42.1 m/s, RangeRes:30.0 m
 Pulse Range(min,max): 120, 4010 m, Gates: 520
 Chirp Range(min,max): 536, 3991 m, Gates: 462
 RangeGateSampling: 7.5 m, Aspect: 0.8

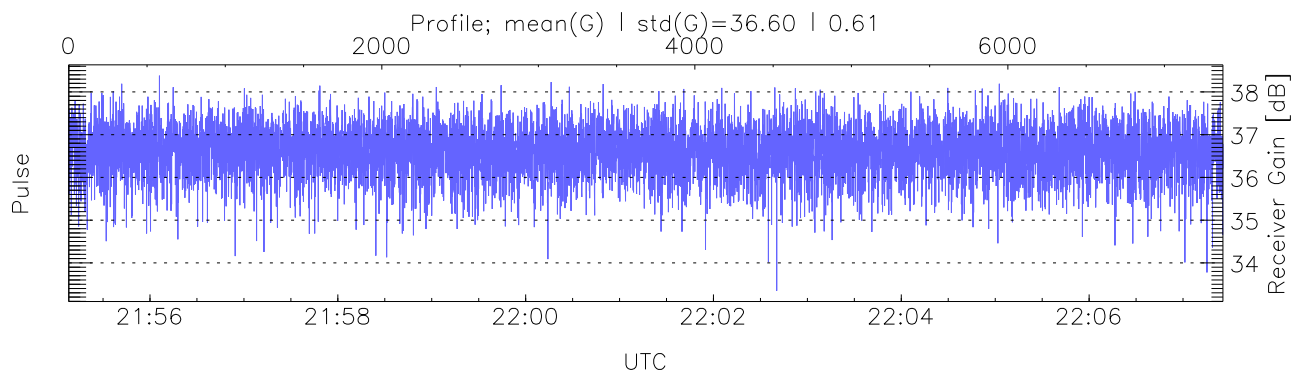
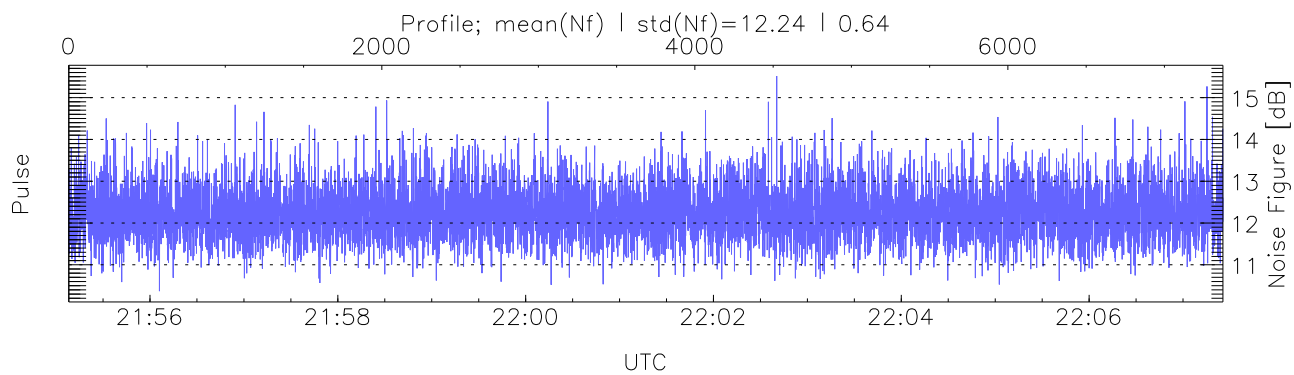
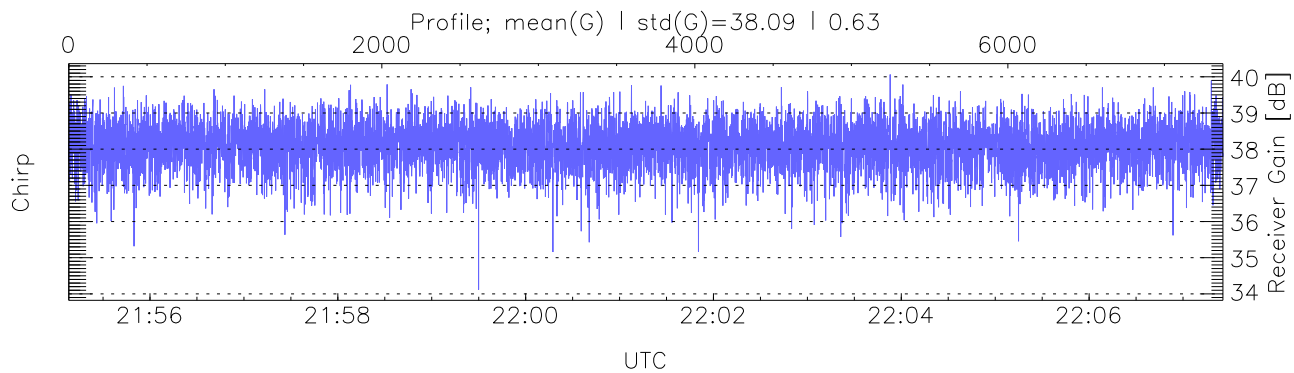
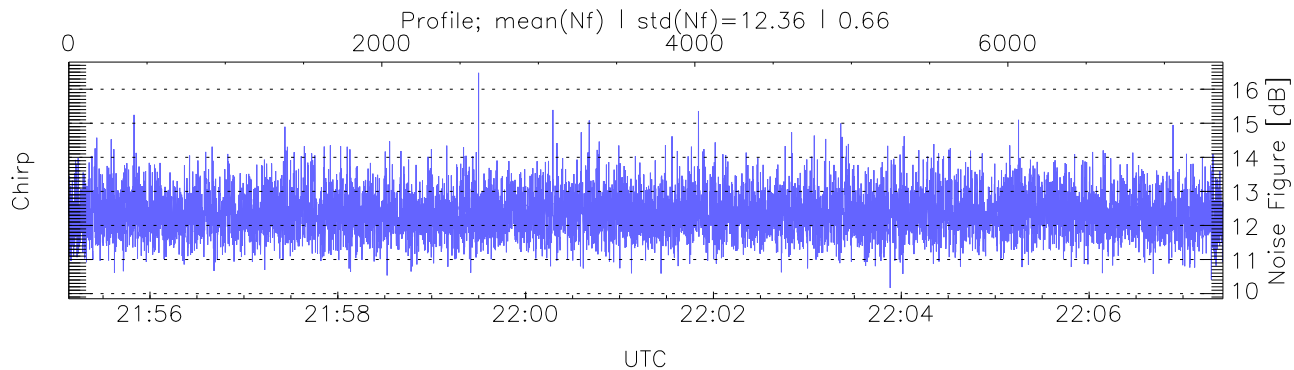


KPR SPP Temperatures, Power Supplies, PLO lock:

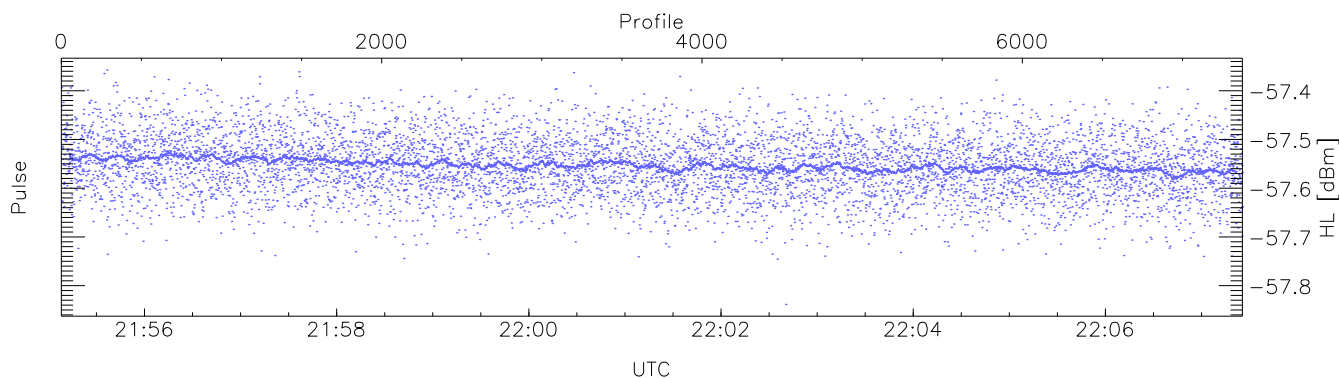
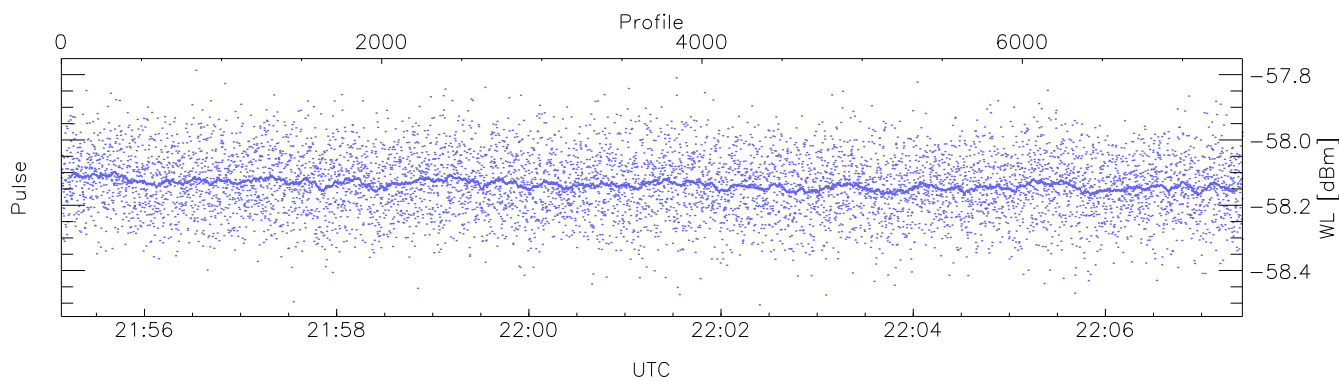
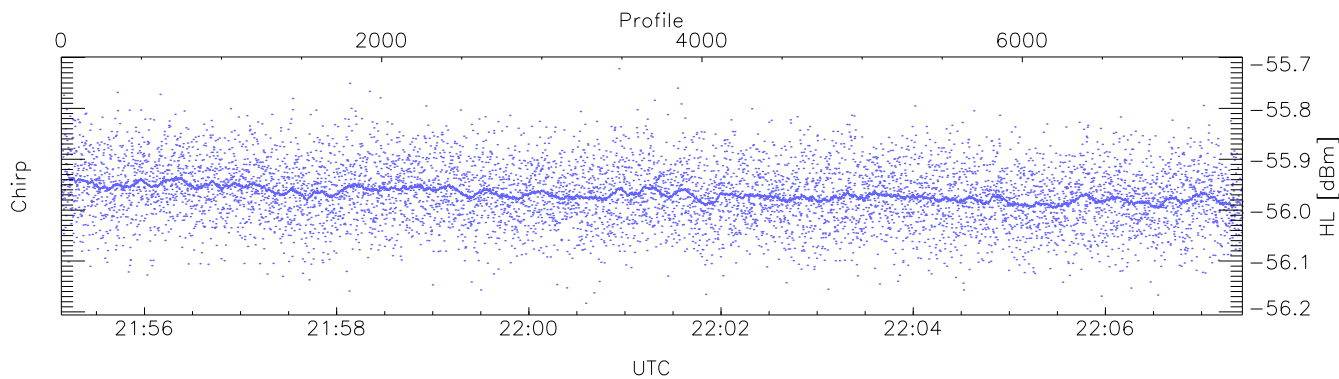
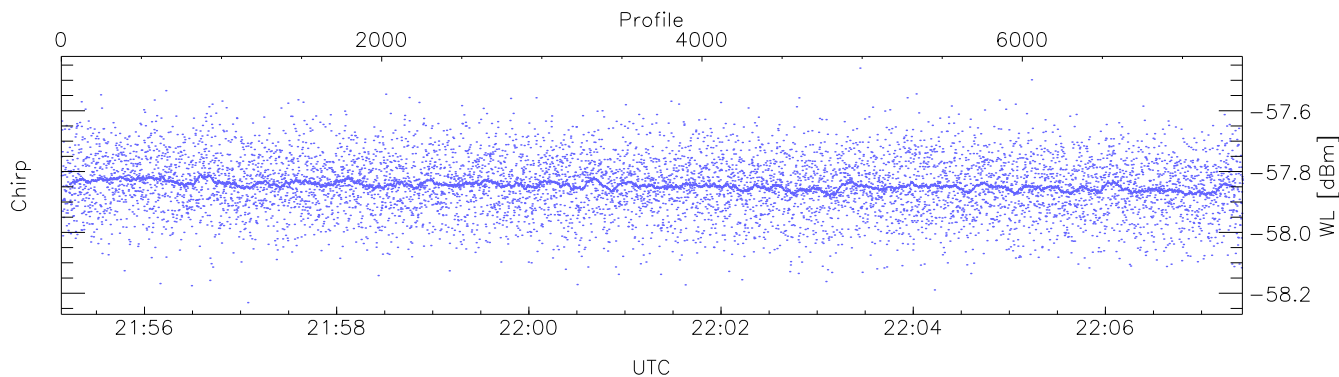
temperature:	NS,	LO,	Tx,	RM,	LNA,	Head,	Ant
mintempC:	16.8,	17.8,	20.9,	12.7,	19.4,	-5.0,	15.3
maxtempC:	18.1,	18.5,	22.1,	13.9,	20.4,	-3.6,	18.3
meantempC:	17.6,	18.2,	21.6,	13.4,	20.0,	-4.3,	16.7

PwrSply:	28,	12,	8,	5 VDC
minVDC:	25.52,	11.68,	7.87,	5.21
maxVDC:	27.85,	11.73,	7.90,	5.23
meanVDC:	26.86,	11.71,	7.88,	5.22

PLO(3.84,15.84 GHz) unlocked: None

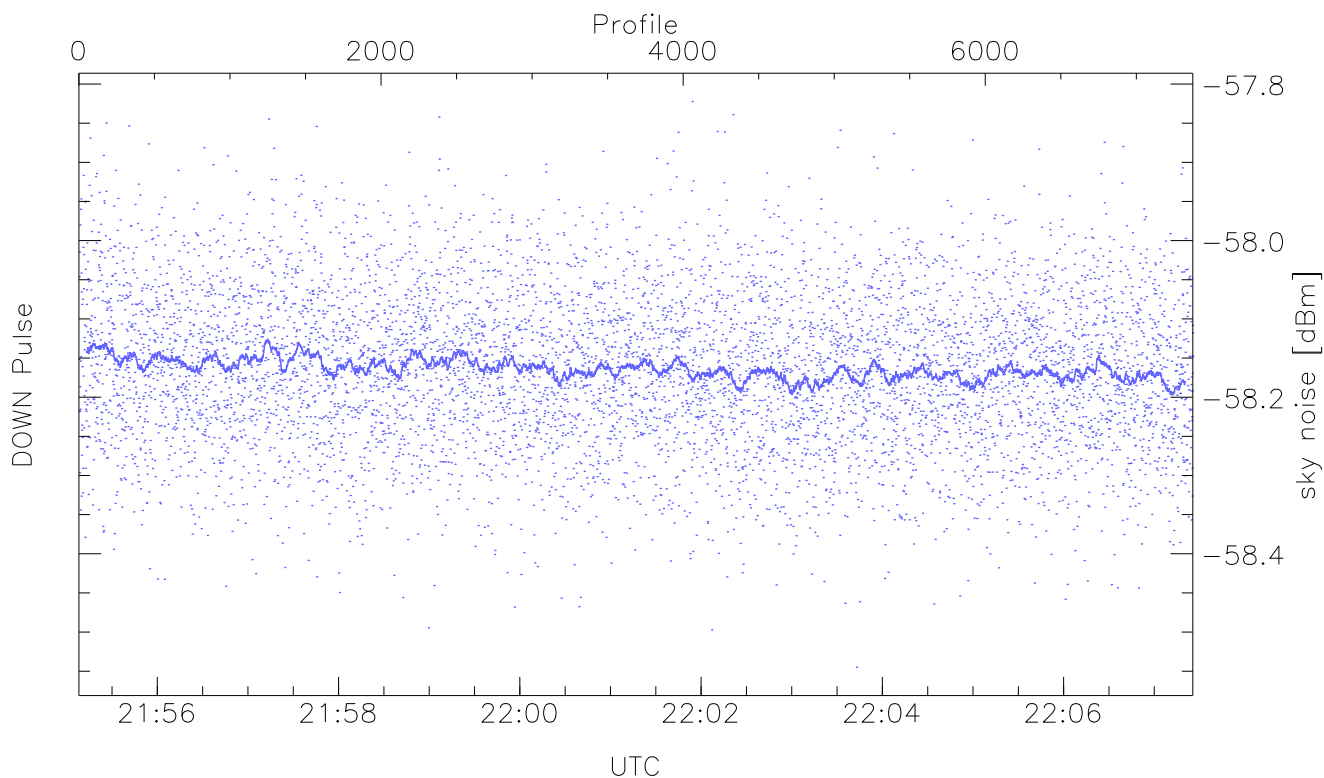
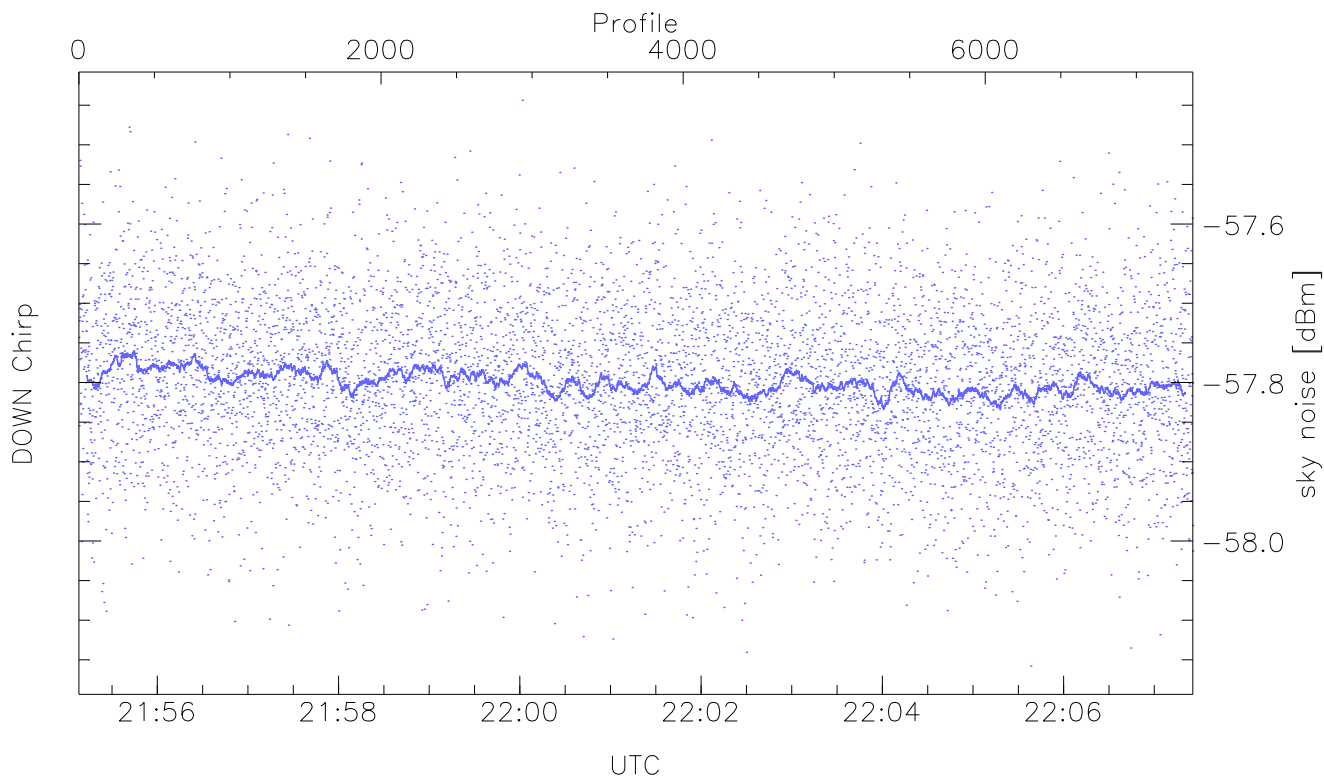


KPR SPP Receiver Gain and Noise Figure



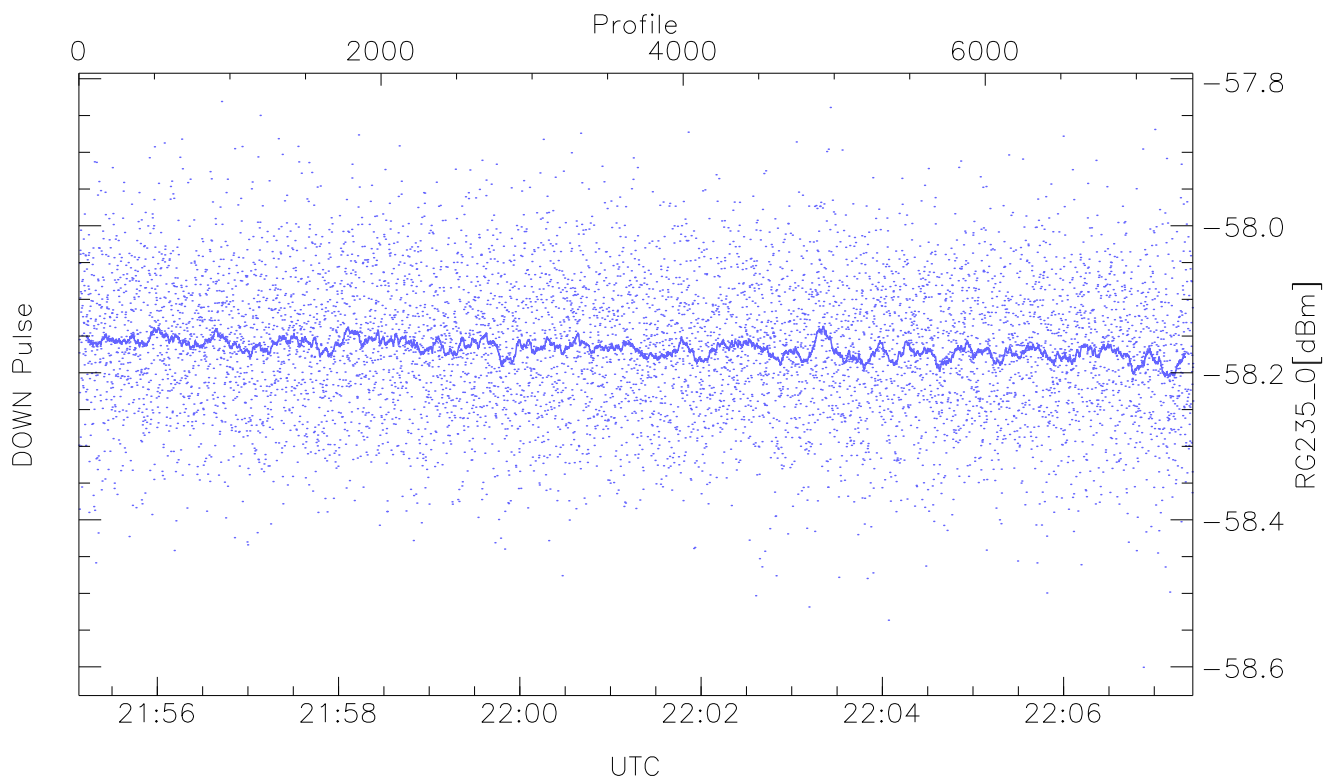
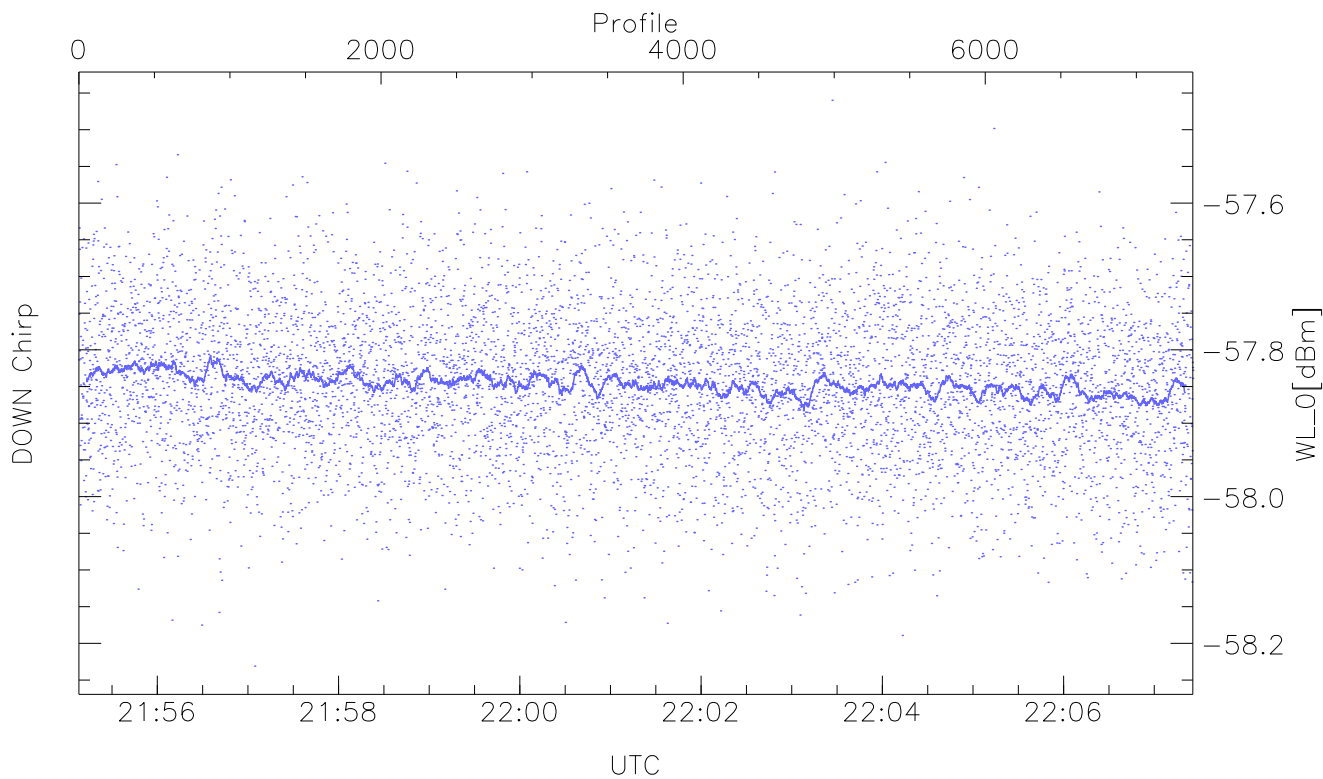
KPR SPP Receiver Noise Source Warm and Hot Measurements

	Min	Max	Mean	Median	StDev
Chirp(WL [dBm])	-58.23	-57.46	-57.85	-57.85	-74.30
Chirp(HL [dBm])	-56.18	-55.72	-55.97	-55.97	-74.51
Pulse(WL [dBm])	-58.51	-57.79	-58.14	-58.14	-74.63
Pulse(HL [dBm])	-57.84	-57.36	-57.55	-57.55	-76.16



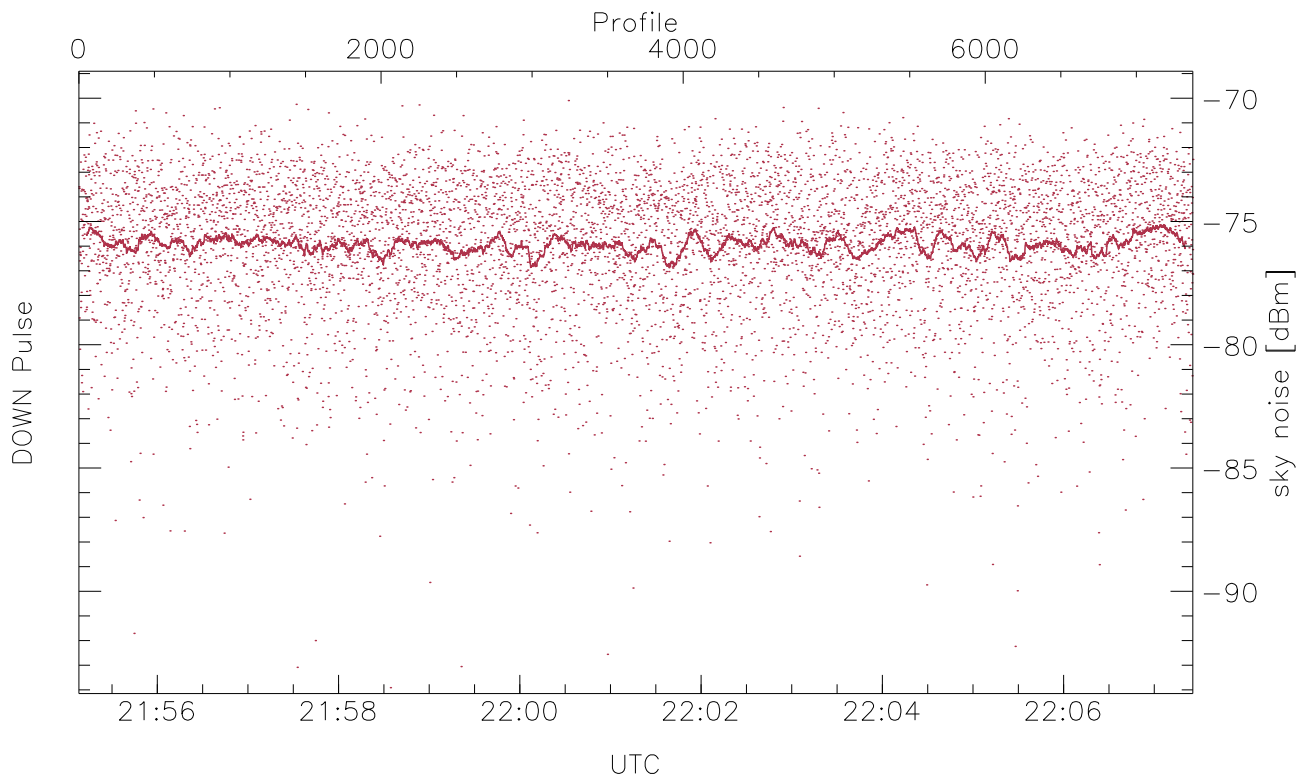
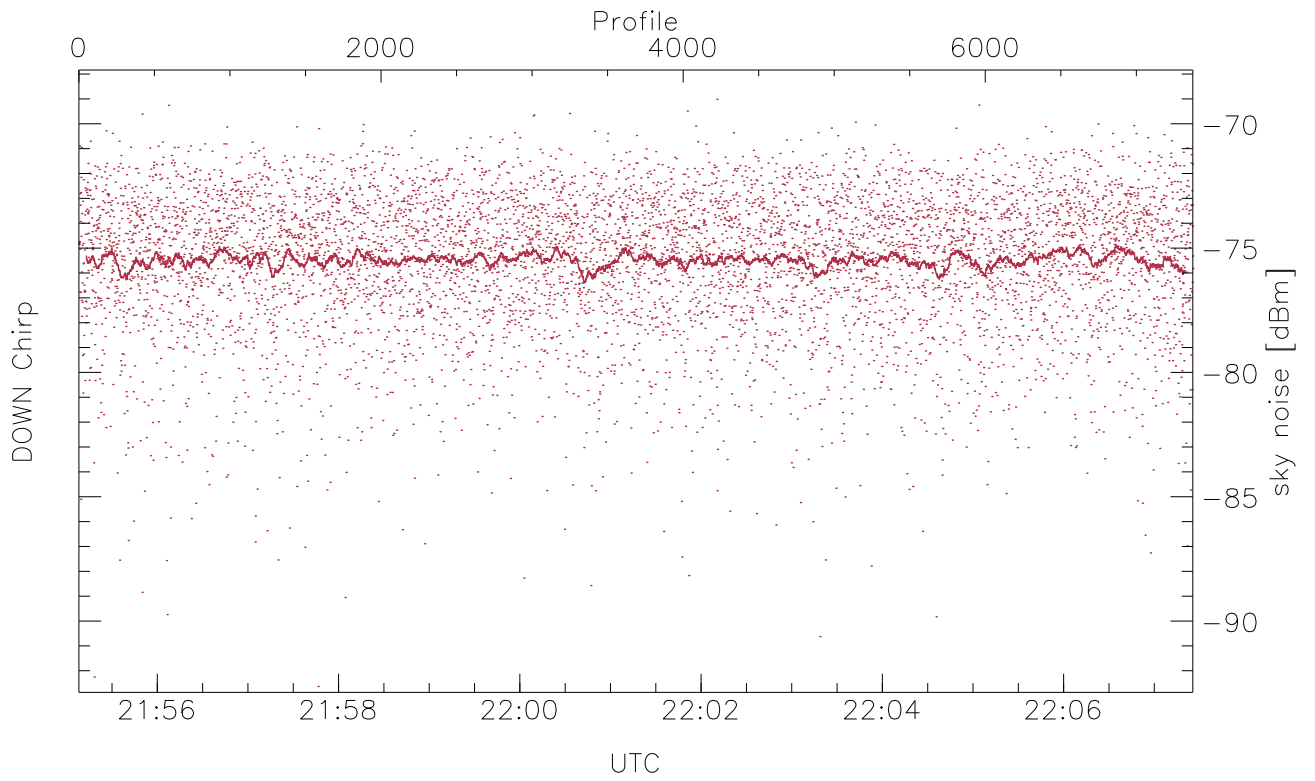
KPR SPP Last range gate power measurements: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
DOWN Chirp(dBm)	-58.16	-57.44	-57.80	-57.80	-74.27
DOWN Pulse(dBm)	-58.54	-57.82	-58.16	-58.16	-74.69



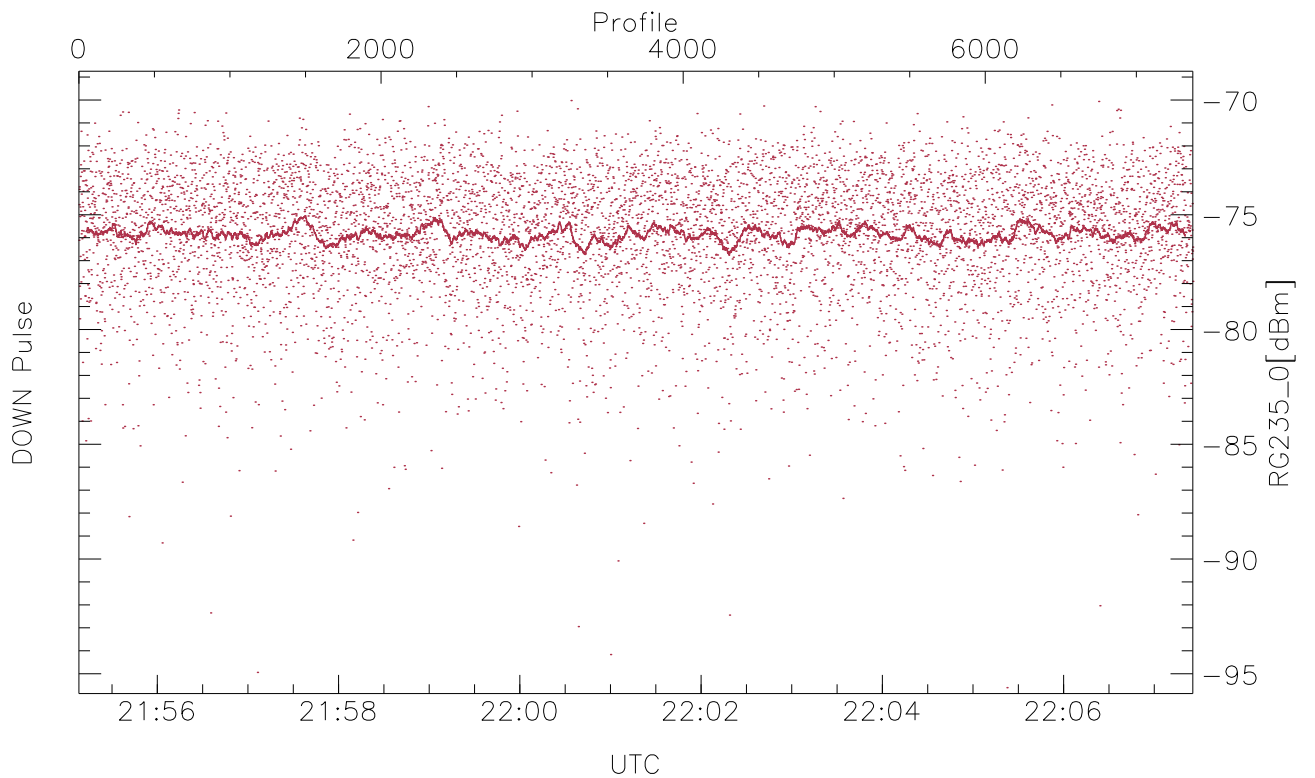
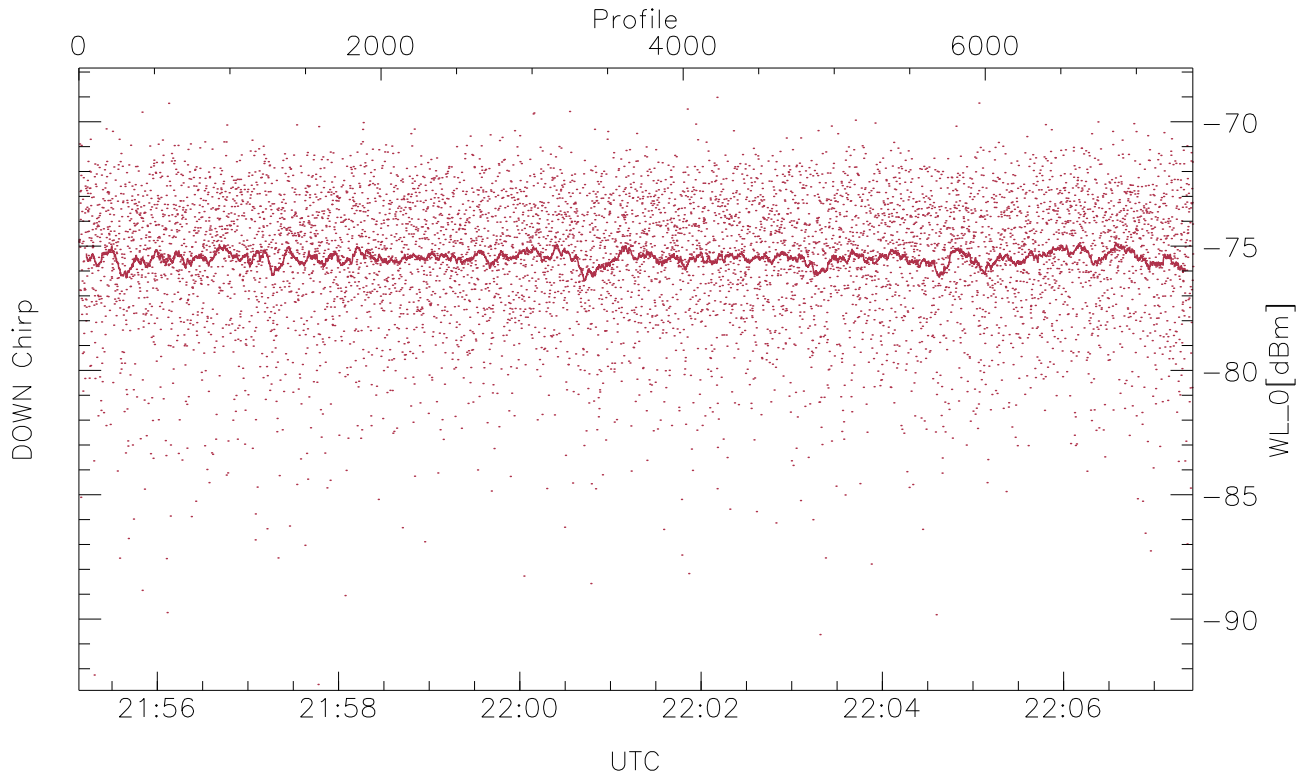
KPR SPP "Best" noise power measurements (dBm):

	Min	Max	Mean	Median	StDev
DOWN_C_WL_0	-58.23	-57.46	-57.85	-57.85	-74.30
DOWN_P_RG235_0	-58.60	-57.83	-58.17	-58.17	-74.66



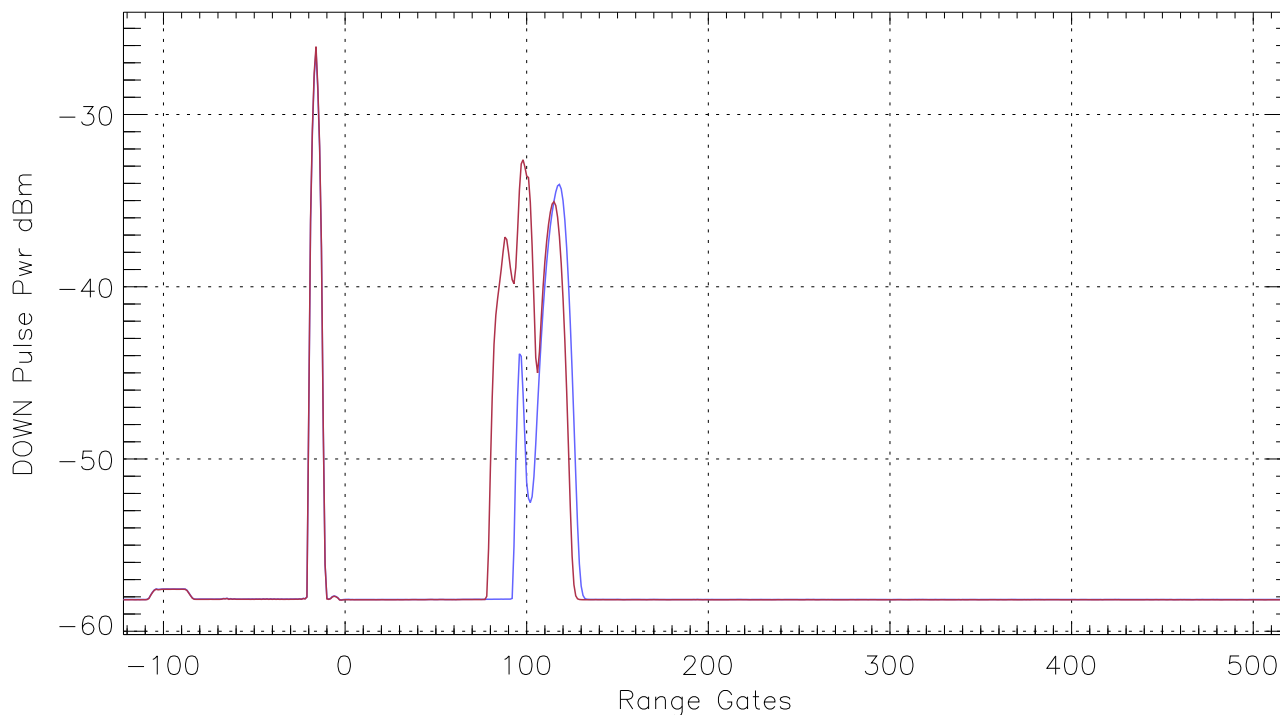
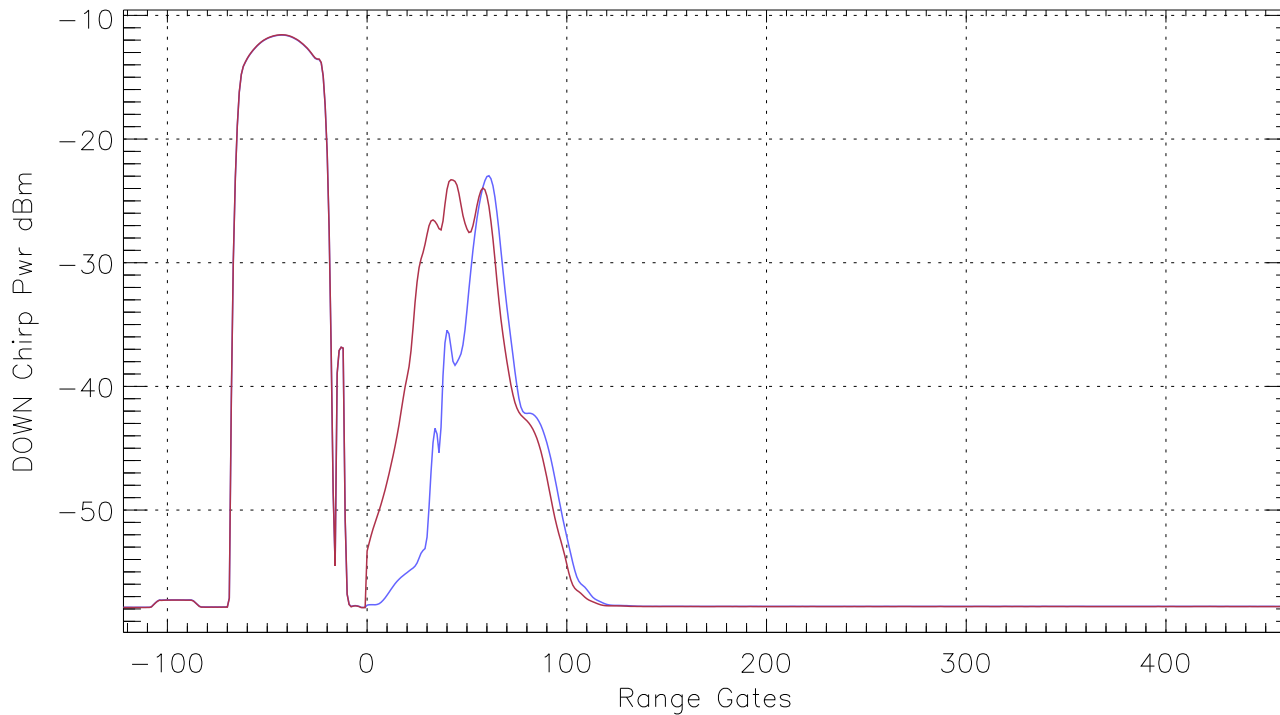
KPR SPP Last range gate PPMAG: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
DOWN Chirp(dBm)	-92.63	-69.02	-74.78	-75.05	-77.59
DOWN Pulse(dBm)	-93.91	-70.10	-75.20	-75.47	-78.01

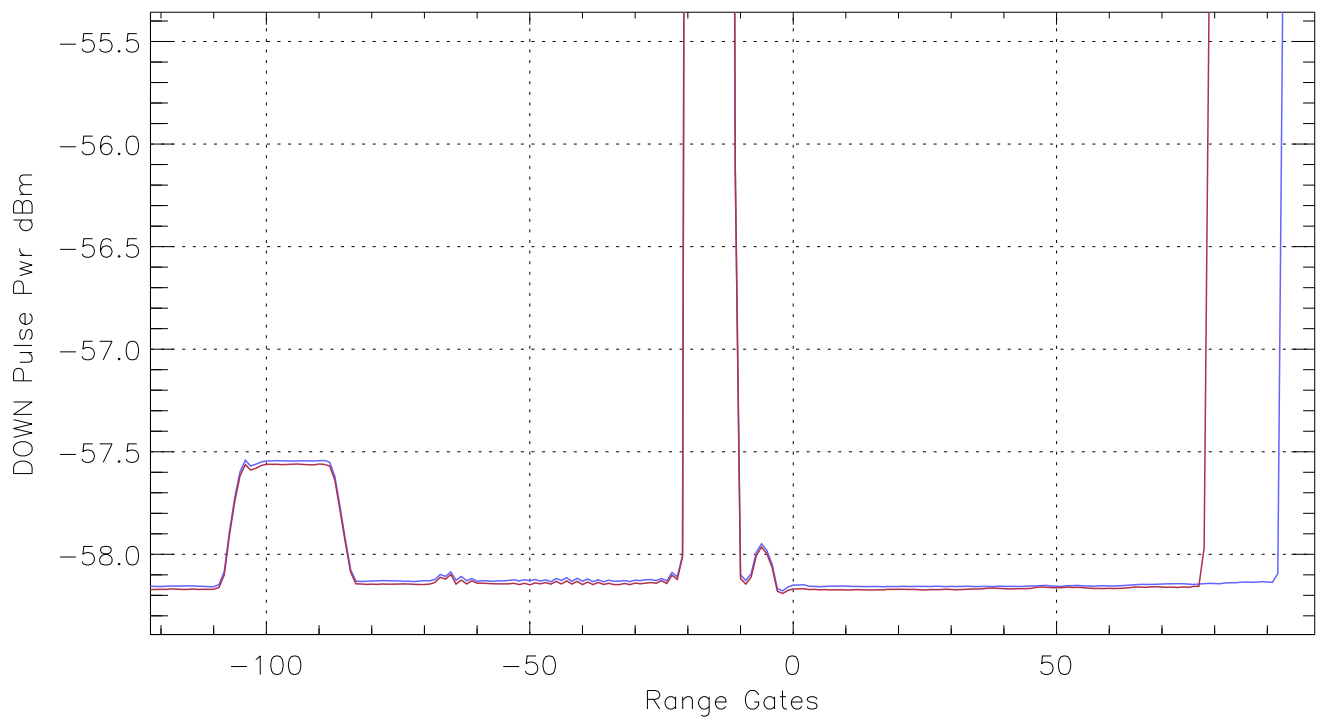
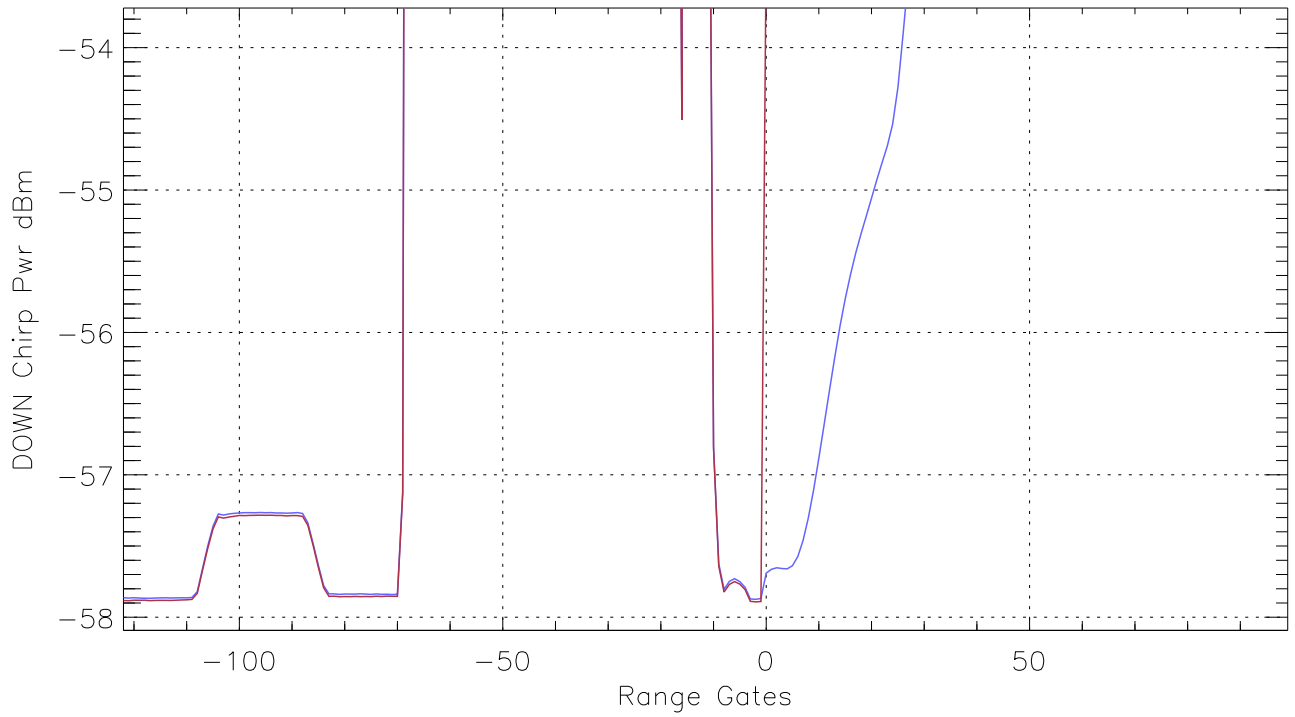


KPR SPP "Best" PPMAG noise (dBm):

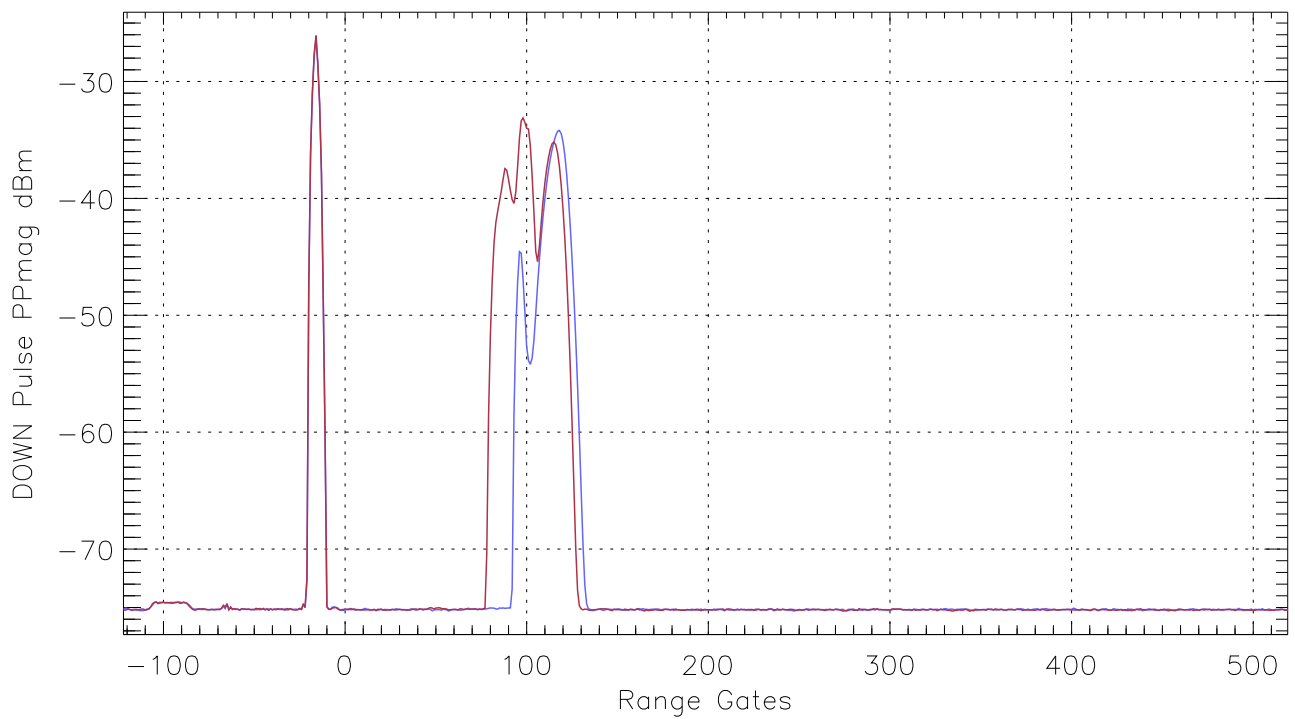
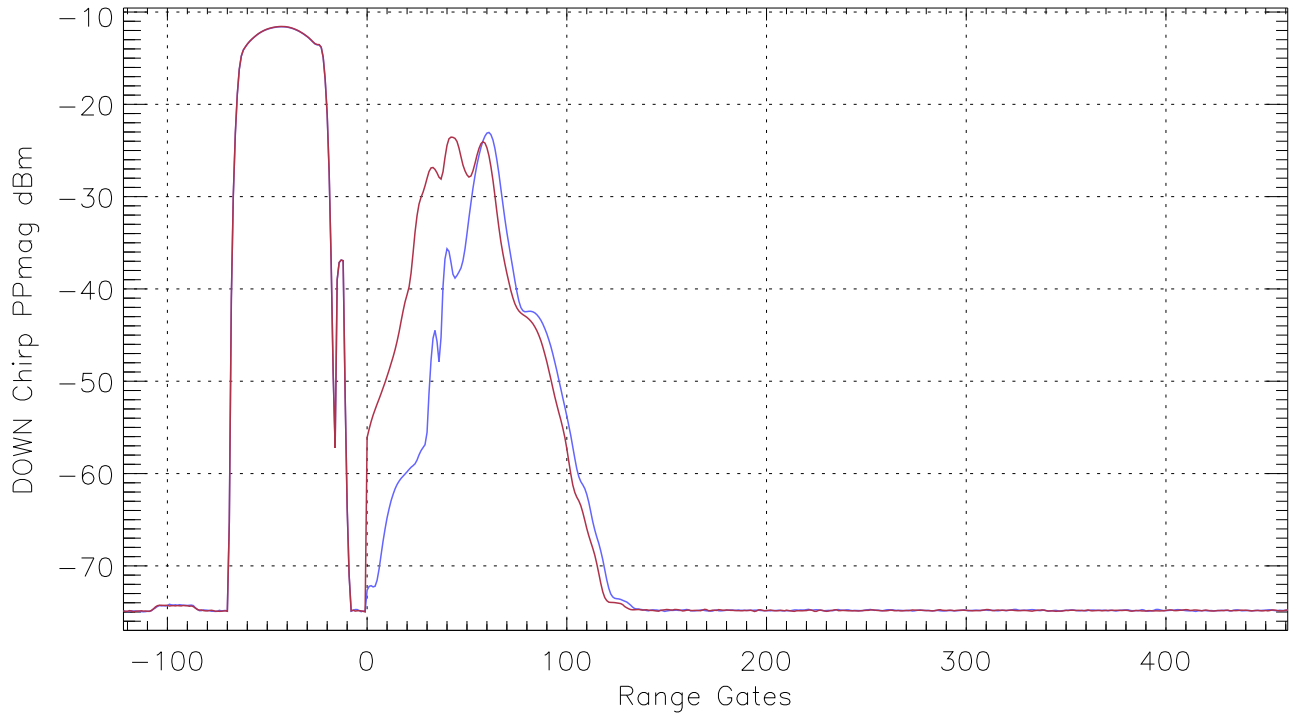
	Min	Max	Mean	Median	StDev
DOWN_C_WL_0	-92.63	-69.02	-74.78	-75.05	-77.59
DOWN_P_RG235_0	-95.61	-70.03	-75.15	-75.45	-77.98



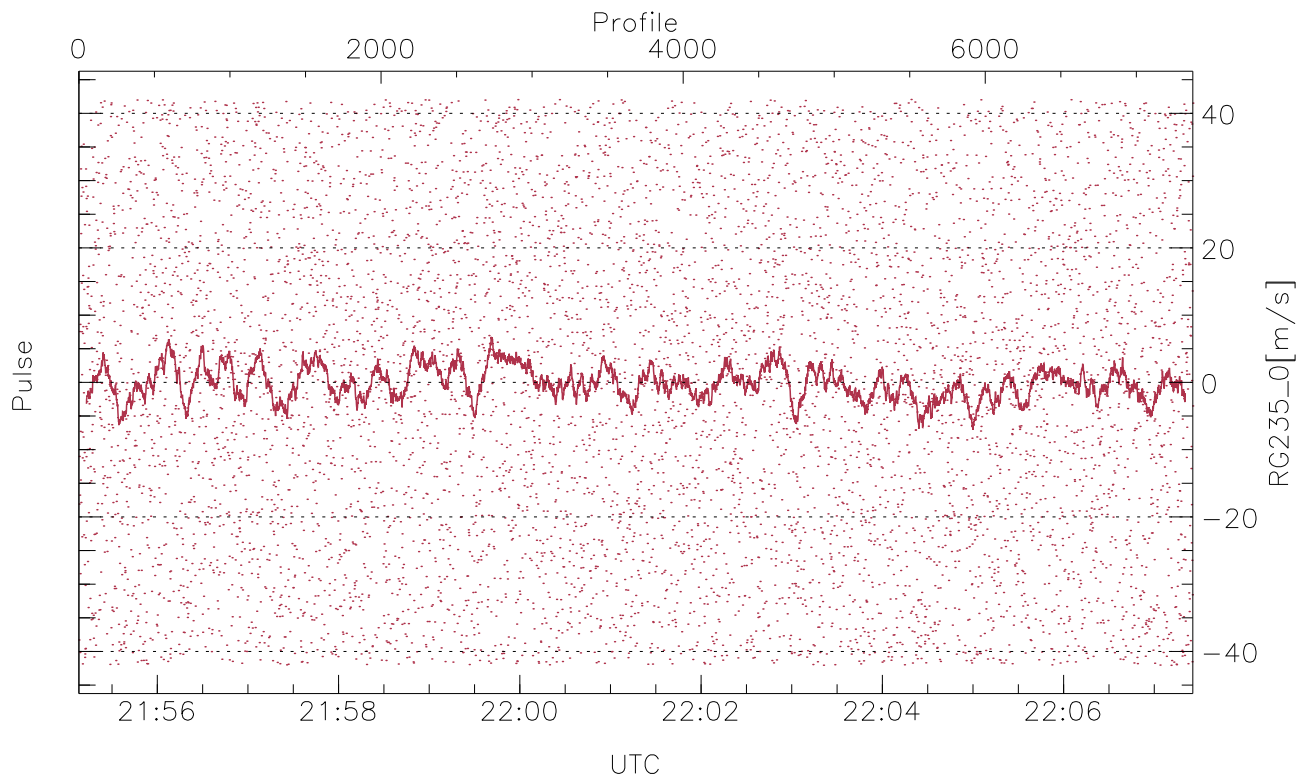
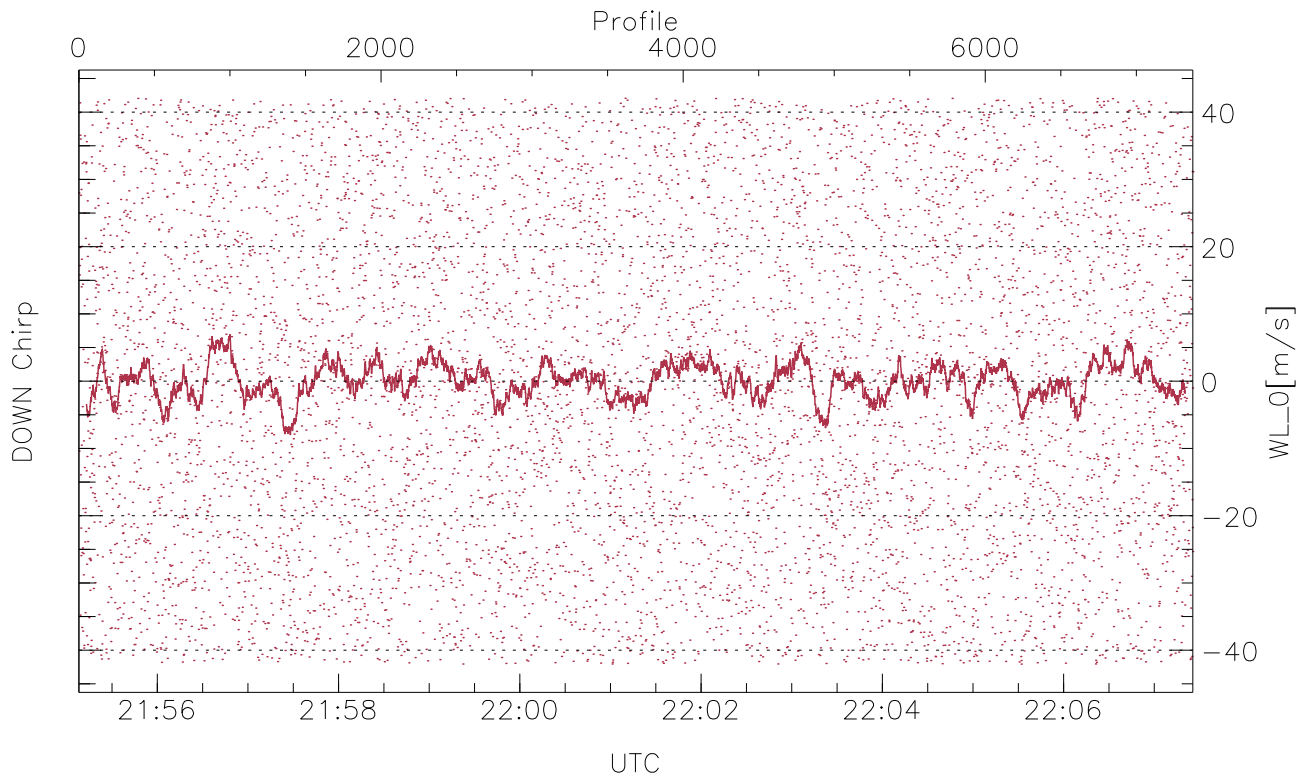
KPR SPP Averaged Received power for all recorded gates
blue: 215508-220116, 3688 profiles averaged
red: 220116-220726, 3688 profiles averaged



KPR SPP Averaged Power for neg. gates & up to 100 gates
blue: 215508-220116, 3688 profiles averaged
red: 220116-220726, 3688 profiles averaged

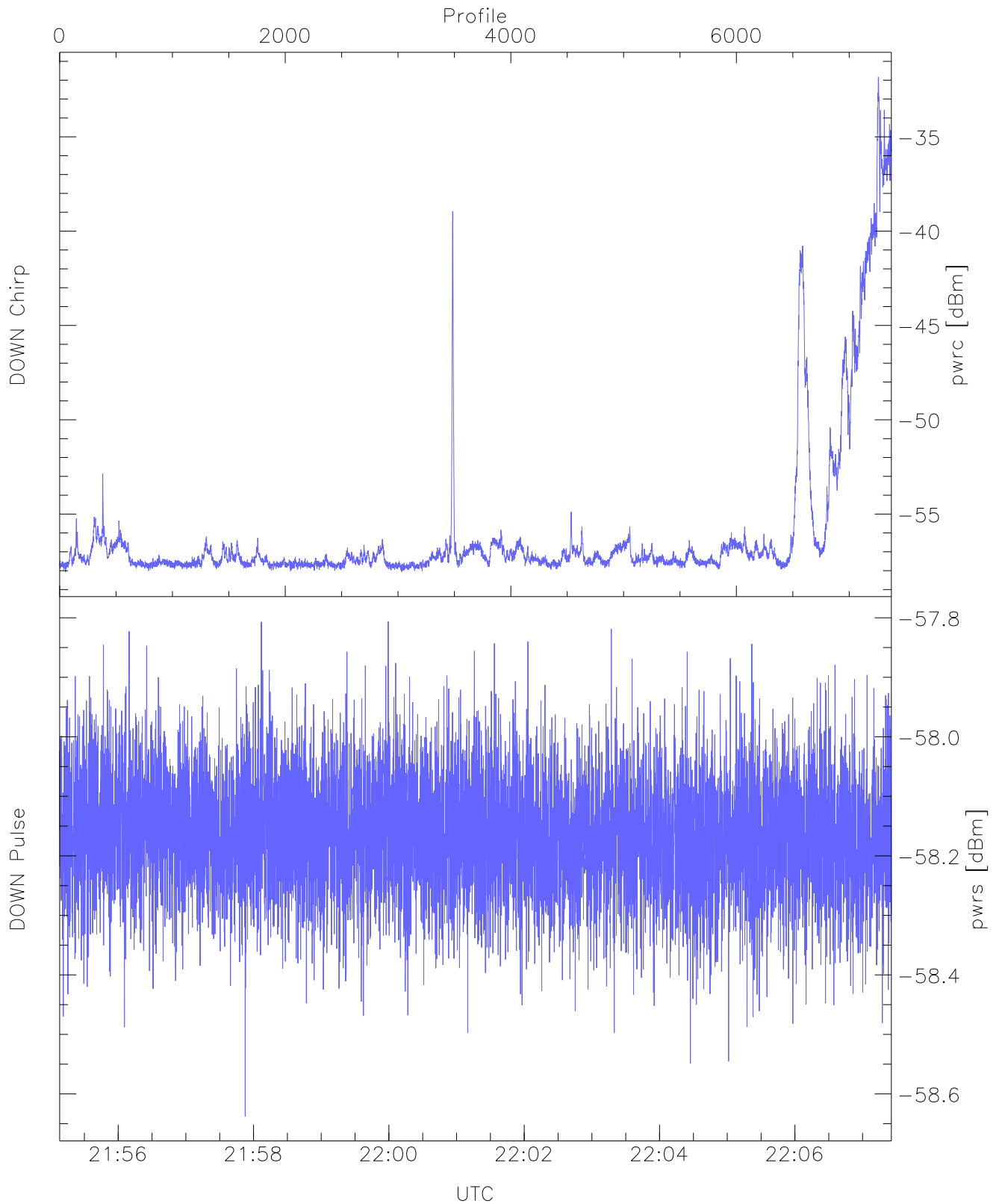


KPR SPP Averaged PP magnitude for all recorded gates
blue: 215508-220116, 3688 profiles averaged
red: 220116-220726, 3688 profiles averaged



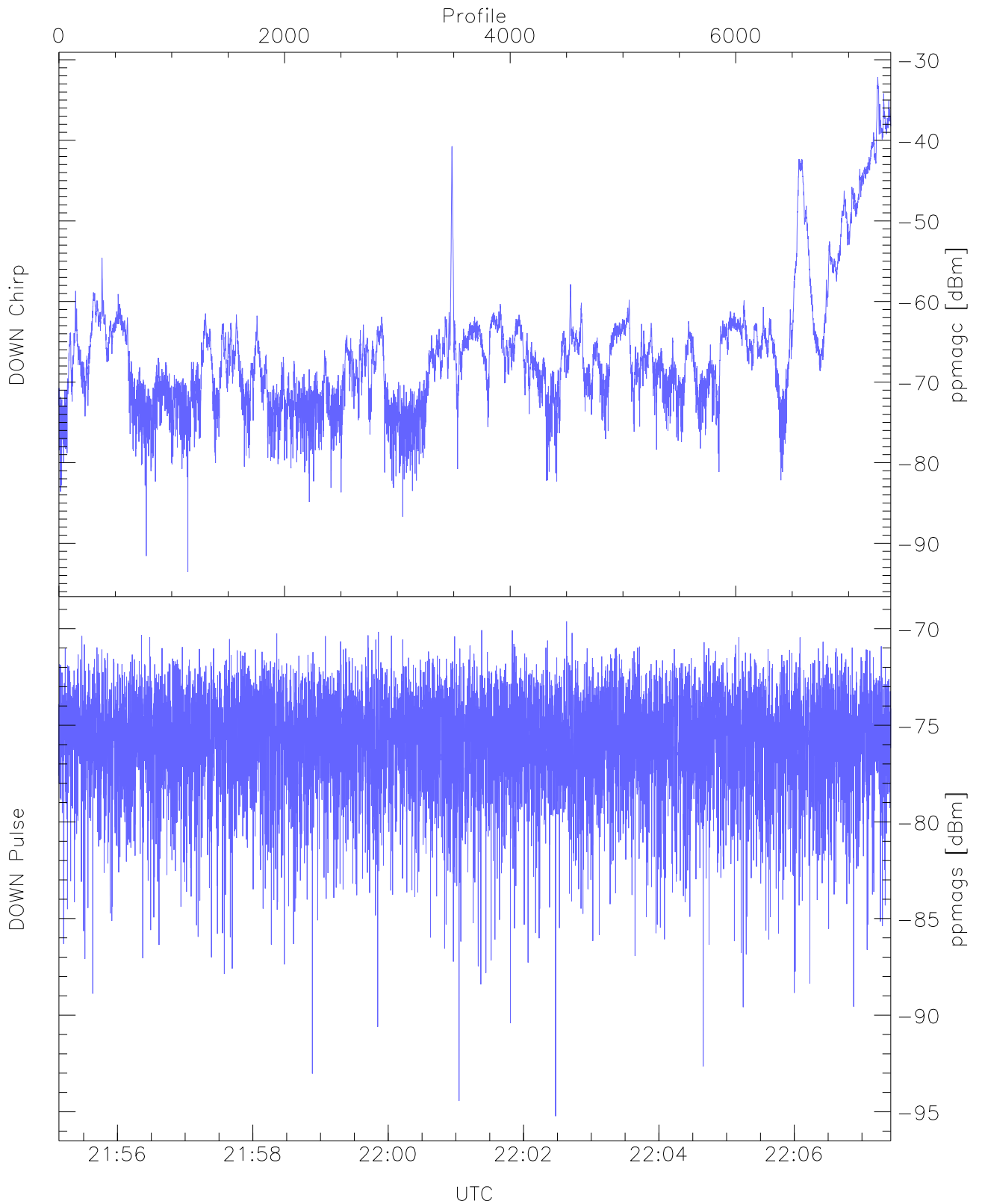
KPR SPP "Best" PPVEL noise (m/s):

	Min	Max	Mean	Median	StDev
DOWN_C_WL_0	-42.06	42.06	-0.03	-0.35	24.06
DOWN_P_RG235_0	-42.05	42.06	-0.15	0.09	24.13



KPR SPP Received Power for Chirp Range gate 10 (611.2 m)
 KPR SPP Received Power for Pulse Range gate 10 (195.8 m)

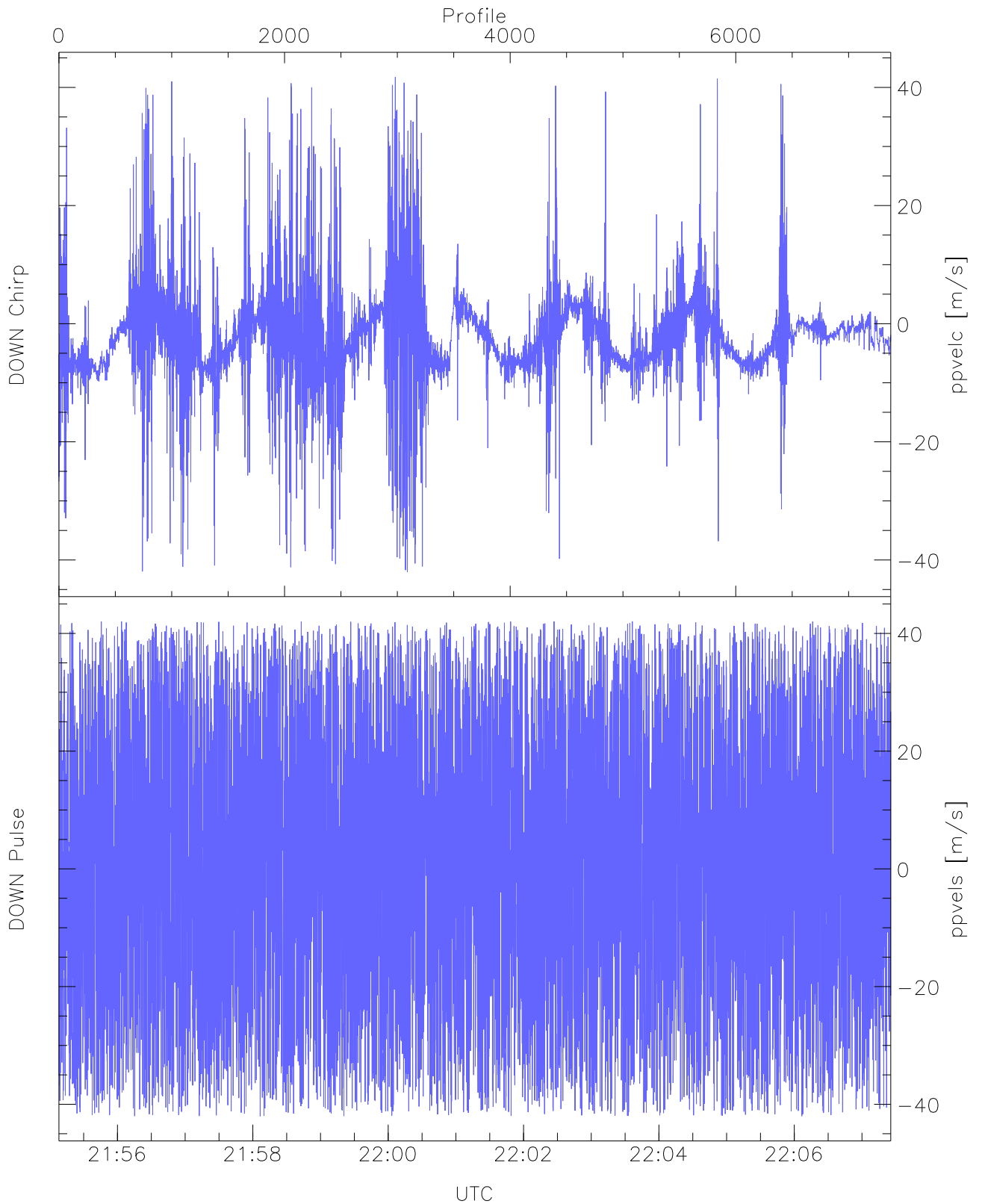
	Min	Max	Mean
DOWN Chirp(dBm)	-58.06	-31.83	-50.24
DOWN Pulse(dBm)	-58.64	-57.81	-58.16



KPR SPP PPMAG for Chirp Range gate 10 (611.2 m)

KPR SPP PPMAG for Pulse Range gate 10 (195.8 m)

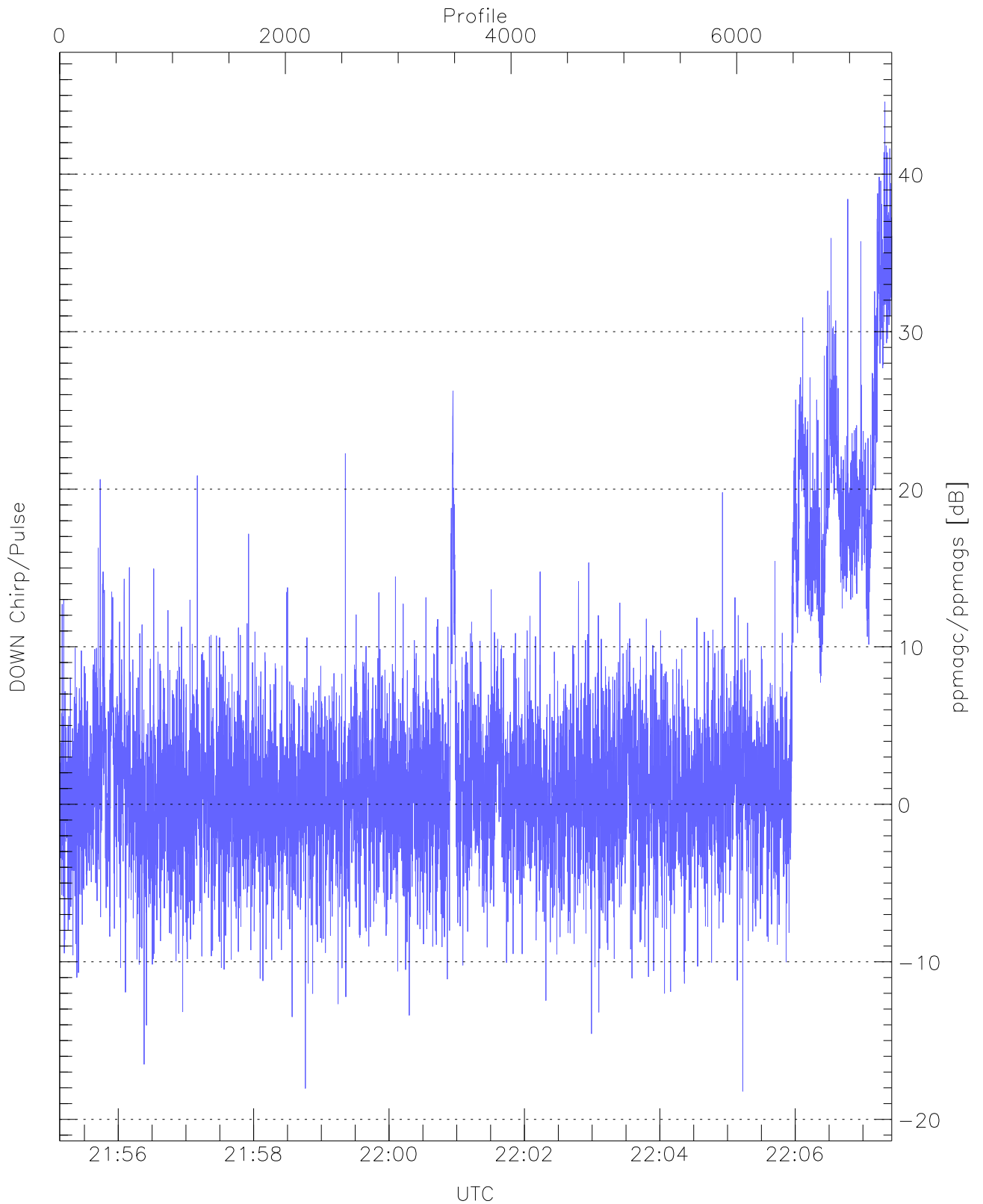
	Min	Max	Mean
DOWN Chirp(dBm)	-93.55	-32.14	-52.35
DOWN Pulse(dBm)	-95.23	-69.62	-75.17



KPR SPP PPVEL for Chirp Range gate 10 (611.2 m)

KPR SPP PPVEL for Pulse Range gate 10 (195.8 m)

	Min	Max	Mean
DOWN Chirp(m/s)	-42.02	41.76	-2.19
DOWN Pulse(m/s)	-42.02	42.05	0.67



KPR SPP PPMAG Chirp/Pulse; Range gate: 543.8m /563.0m

	Min	Max	Mean
DOWN Chirp/Pulse(dBm)	-18.23	44.59	18.83