

Amaterska radioastronomija

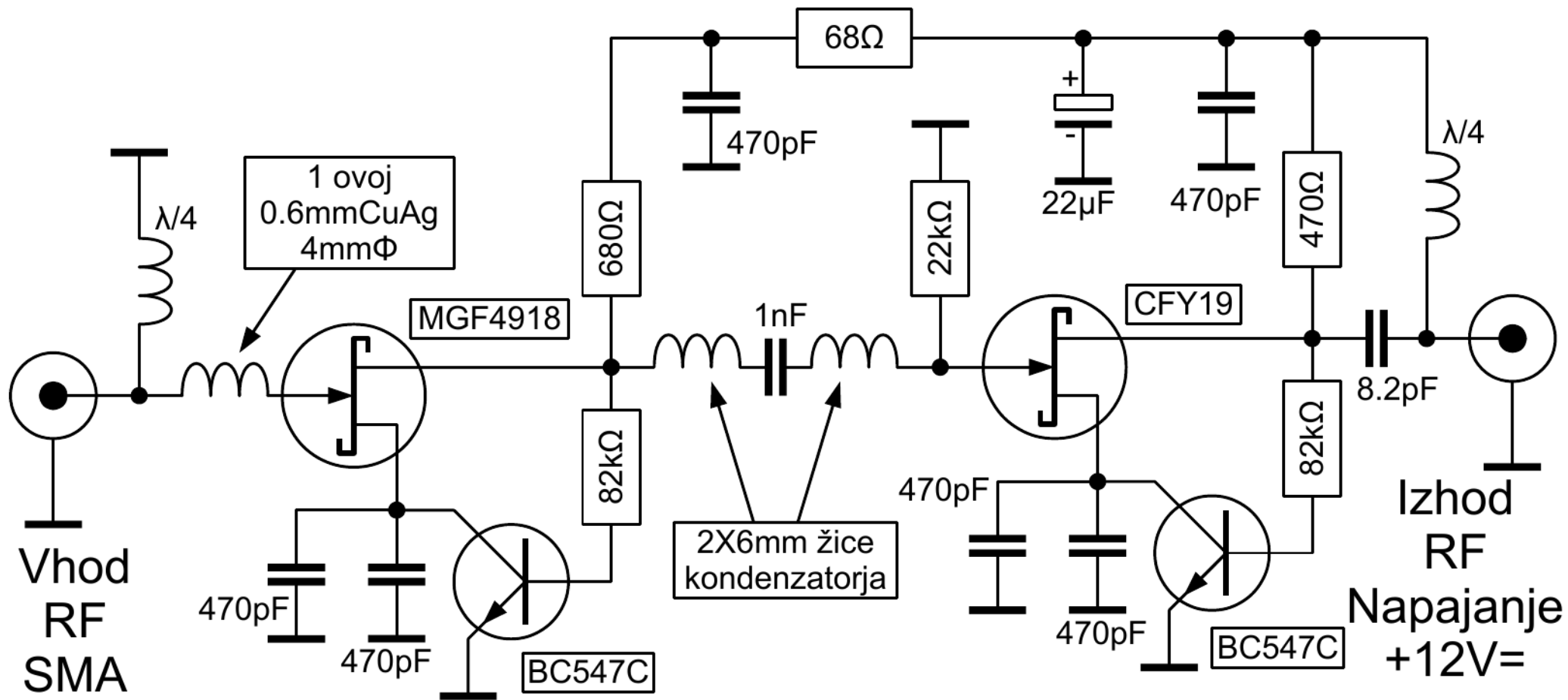
6 – LNA



Laboratorij za sevanje in optiko

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&

Matjaž Vidmar, S53MV









OK 22.8.2016
1.4GHz +31dB

IN Rolci HEMT
CFY 19
Tadeja

9

+12V
OUT



T_nebo~10K



$T_{gozd} \sim 290K$ $Y = 7dB$ >>> $T_{rx} \sim 60K$



ECHO STAR

OK 22.8.2016
4.400.3000

OK 22.8.2016

1.46Hz 31dB

YH101











:Product: Solar Radio Data 7day_rad.txt

:Issued: 0902 UTC 09 Oct 2016

#

Prepared by the U.S. Dept. of Commerce, NOAA, Space Weather Prediction Center

Please send comments and suggestions to SWPC.Webmaster@noaa.gov

Units: 10^{-22} W/m²/Hz

Missing Data: -1

#

Daily local noon solar radio flux values - Updated once an hour

#

Freq MHZ	Learmonth 0500 UTC	San Vito 1200 UTC	Sag Hill 1700 UTC	Penticton 1700 UTC	Penticton 2000 UTC	Palehua 2300 UTC	Penticton 2300 UTC
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2016 Oct 3

245	18	-1	20	-1	-1	16	-1
410	47	45	32	-1	-1	35	-1
610	61	71	45	-1	-1	47	-1
1415	59	58	58	-1	-1	63	-1
2695	-1	76	89	-1	-1	90	-1
2800	-1	-1	-1	87	88	-1	90
4995	144	127	124	-1	-1	125	-1
8800	244	261	255	-1	-1	306	-1
15400	533	540	527	-1	-1	534	-1

2016 Oct 4

245	18	-1	16	-1	-1	15	-1
410	46	45	33	-1	-1	35	-1
610	63	65	46	-1	-1	45	-1
1415	59	62	61	-1	-1	63	-1
2695	-1	83	93	-1	-1	91	-1
2800	-1	-1	-1	93	93	-1	93
4995	144	132	124	-1	-1	124	-1
8800	244	257	248	-1	-1	233	-1
15400	533	523	528	-1	-1	539	-1

2016 Oct 5

245	18	-1	16	-1	-1	18	-1
410	47	41	33	-1	-1	35	-1
610	62	62	46	-1	-1	45	-1
1415	66	64	64	-1	-1	67	-1
2695	-1	93	99	-1	-1	98	-1
2800	-1	-1	-1	97	99	-1	99
4995	154	133	129	-1	-1	127	-1
8800	247	262	261	-1	-1	246	-1
15400	538	544	528	-1	-1	530	-1







Y~13.5dB > izkoristek osvetlitve ~ 79%

