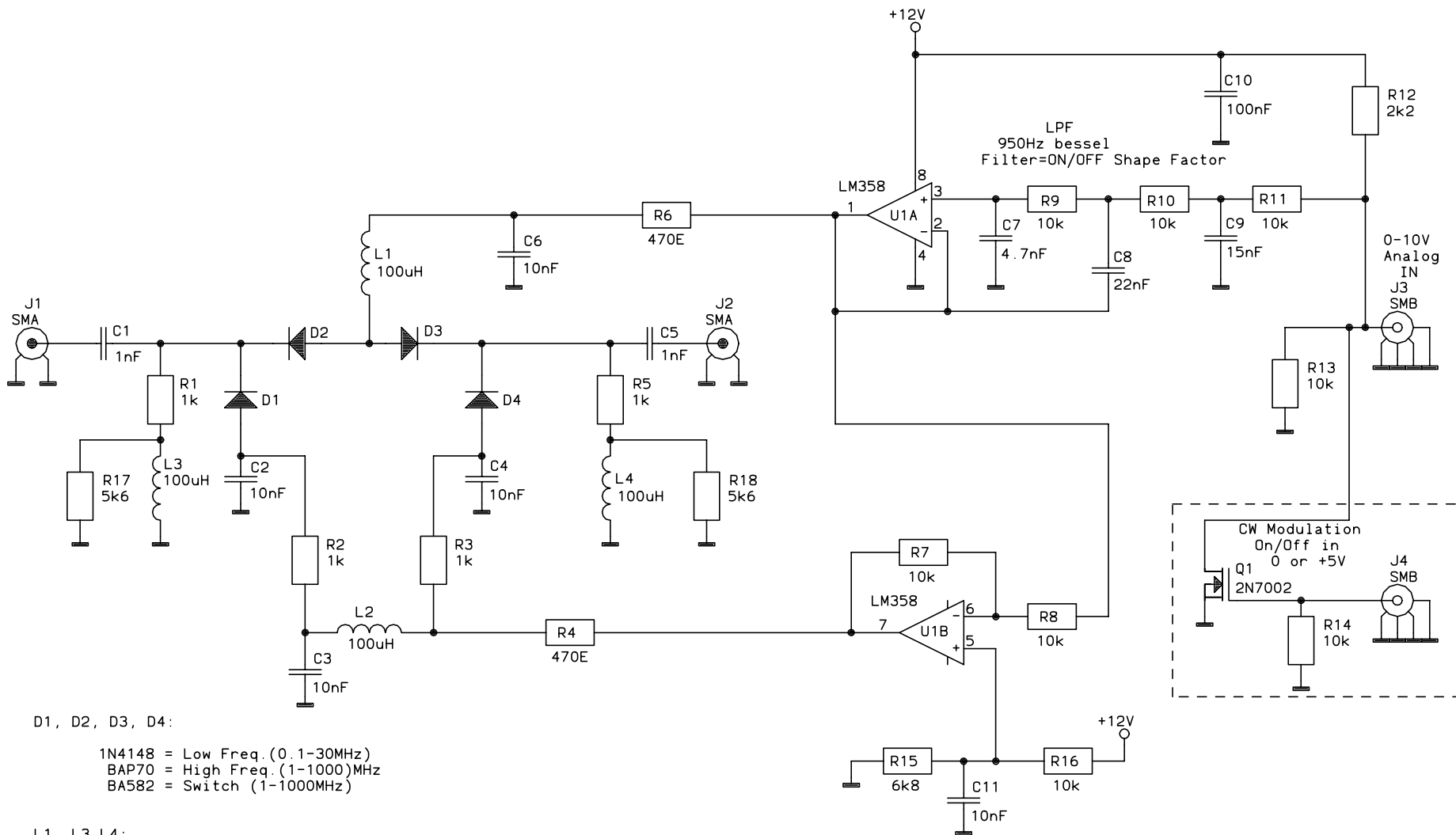




D1, D2, D3, D4:

1N4148 = Low Freq.(0.1-30MHz)
BAP70 = High Freq.(1-1000)MHz
BA582 = Switch (1-1000MHz)

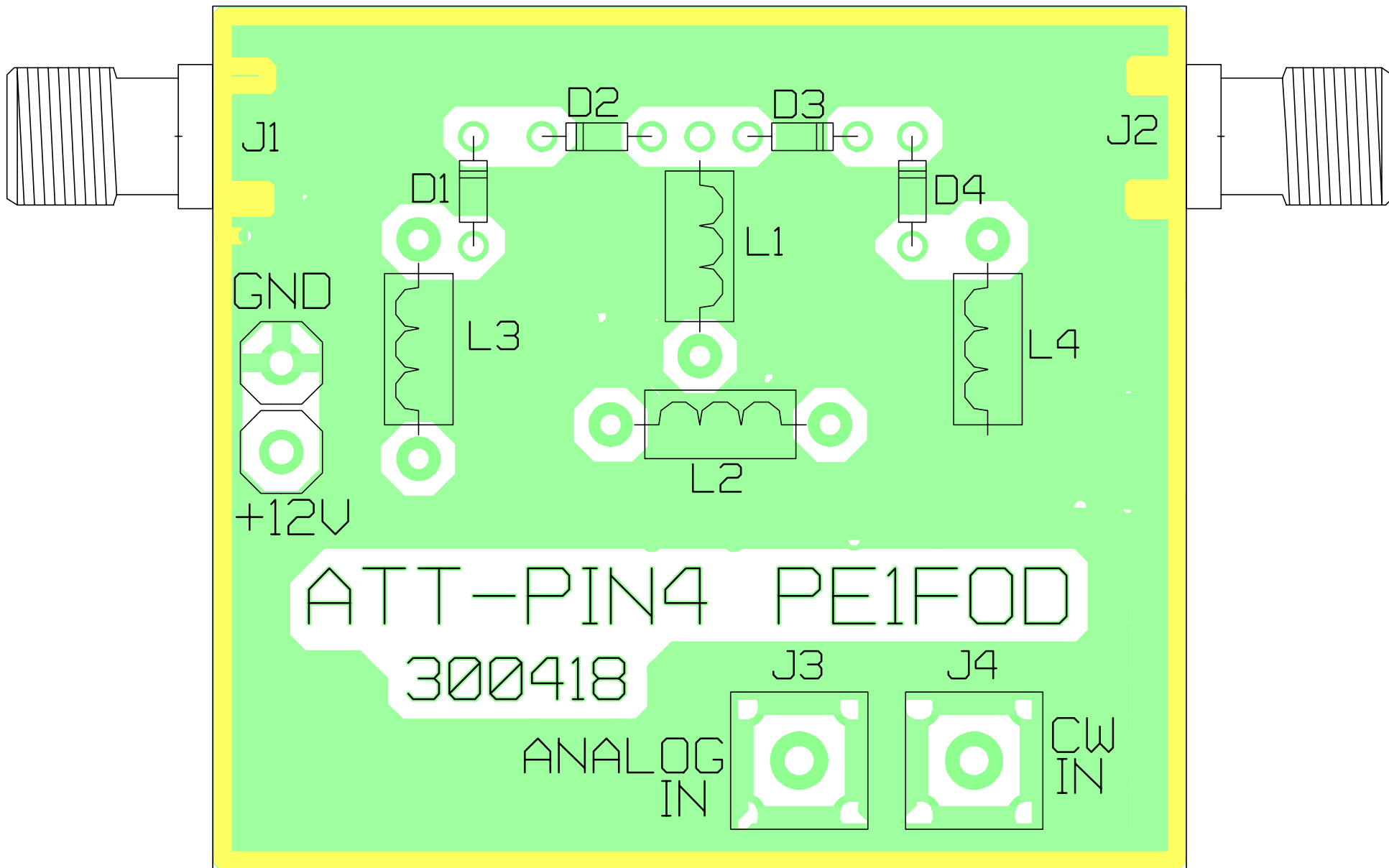
L1, L3 L4:

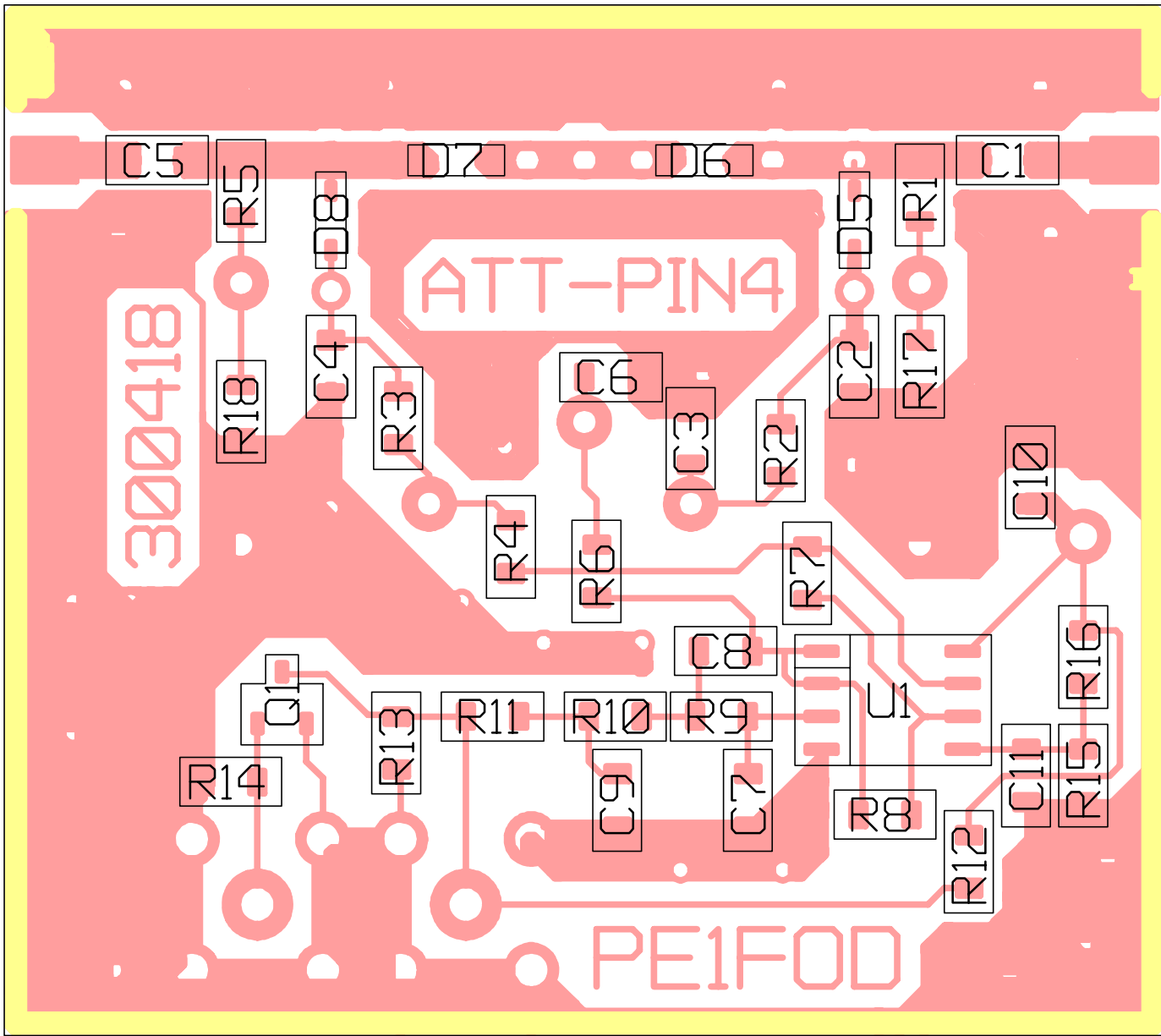
Select for desired frequency.
Pay attention to self resonance of the coils.
You can see it in the graph.

V1.06

ATT-PIN4.SCH

T.Lampe - PE1FOD		
Size	Document Number	REV
A	Analog ATT /CW/AM modulator	
Date:	June 8, 2019	Sheet 1 of 1





Analog ATT /CW/AM modulator Revision:

Bill Of Materials

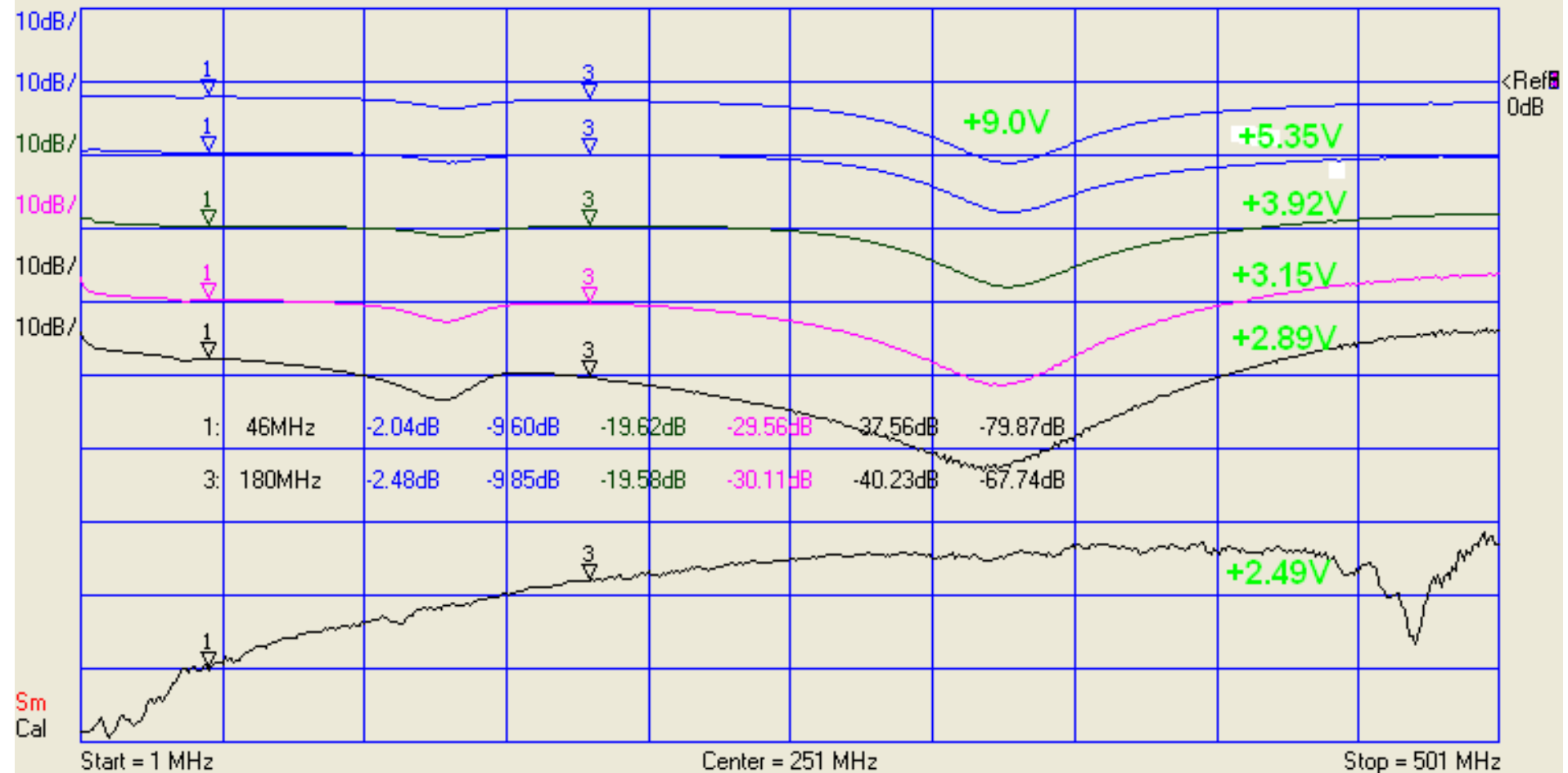
April 30, 2018 21:21:05

Item	Quantity	Reference	Part	
1	2	C1,C5	1nF	SMD 0805
2	5	C2,C3,C4,C6,C11	10nF	SMD 0805
3	1	C7	4.7nF	SMD 0805
4	1	C8	22nF	SMD 0805
5	1	C9	15nF	SMD 0805
6	1	C10	100nF	SMD 0805
7	4	D1,D2,D3,D4	1N4148	Axial
8	4	D1,D2,D3,D4	BAP70-03	SDO323
9	2	J1,J2	SMA-F	PCB Connector
10	2	J3,J4	SMB-M	PCB Connector
11	4	L1,L2,L3,L4	100uH	Axial
12	1	Q1	2N7002	SMD SOT23
13	4	R1,R2,R3,R5	1k	SMD 0805
14	2	R4,R6	470E	SMD 0805
15	8	R7,R8,R9,R10,R11,R13,R14,R16	10k	SMD 0805
16	1	R12	2k2	SMD 0805
17	1	R15	6k8	SMD 0805
18	2	R17,R18	5k6	SMD 0805
19	1	U1	LM358	SMD SO08

DG8SAQ Vector Network Analyzer Software

02-06-2019 13:00:54 ATT-Pin4 PE1FOD

D1 - D4= BAP70



Sm
Cal

=>
TX Att. = 0 dB

S21 dB

Mem1 dB

Mem2 dB

Mem3 dB

Mem4 dB

Mem5 dB

