



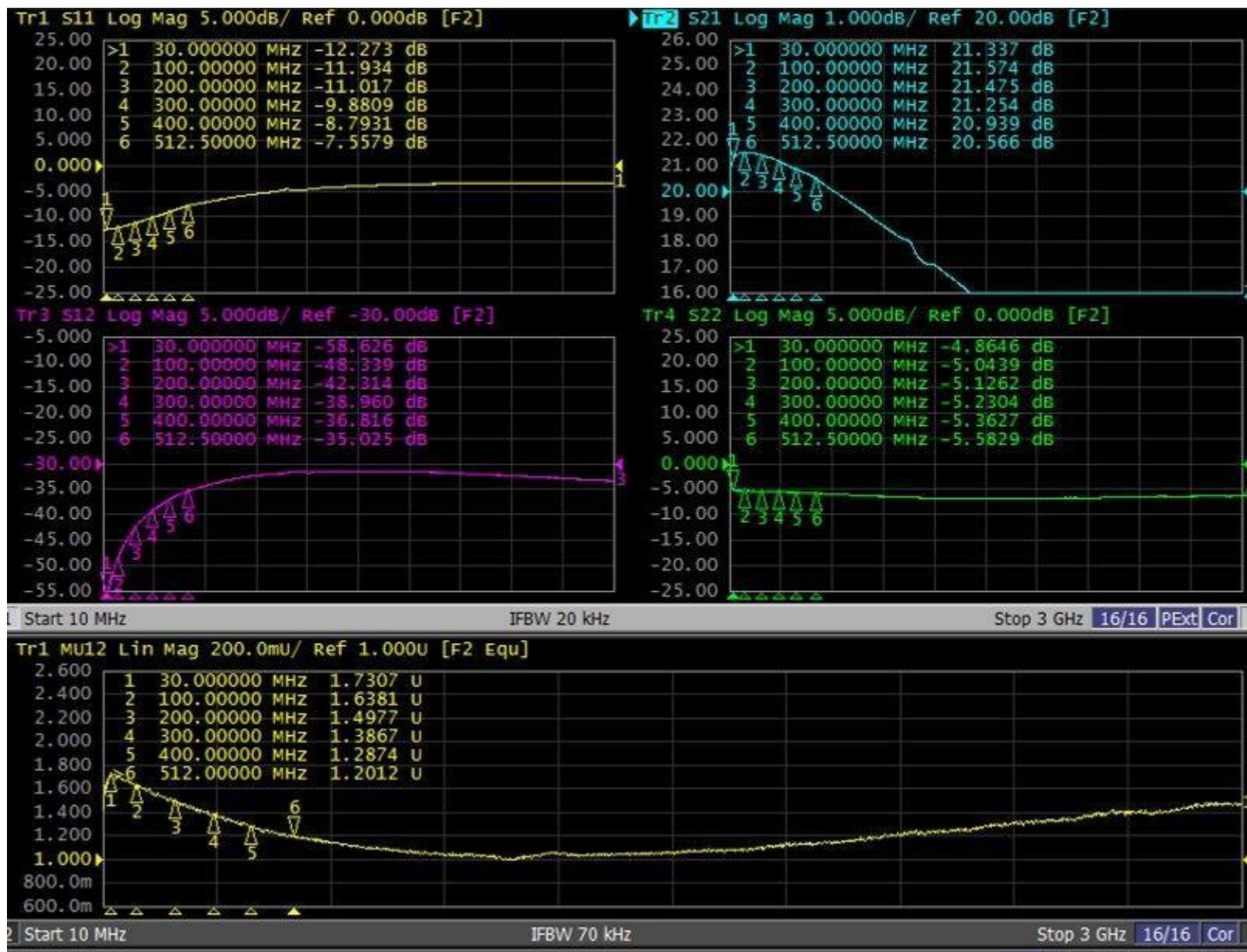
Email : support@tagoretech.com

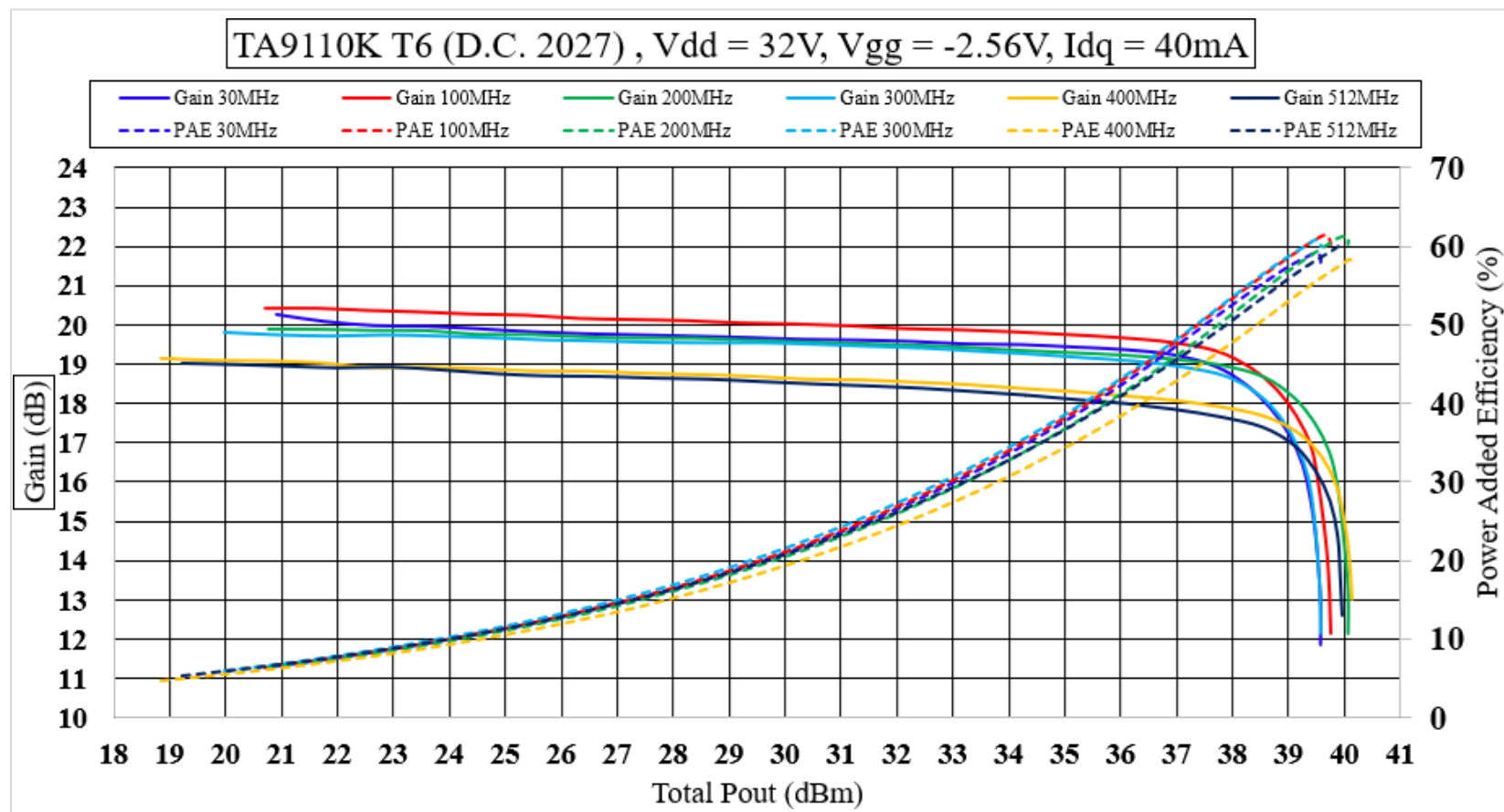
Turn ON

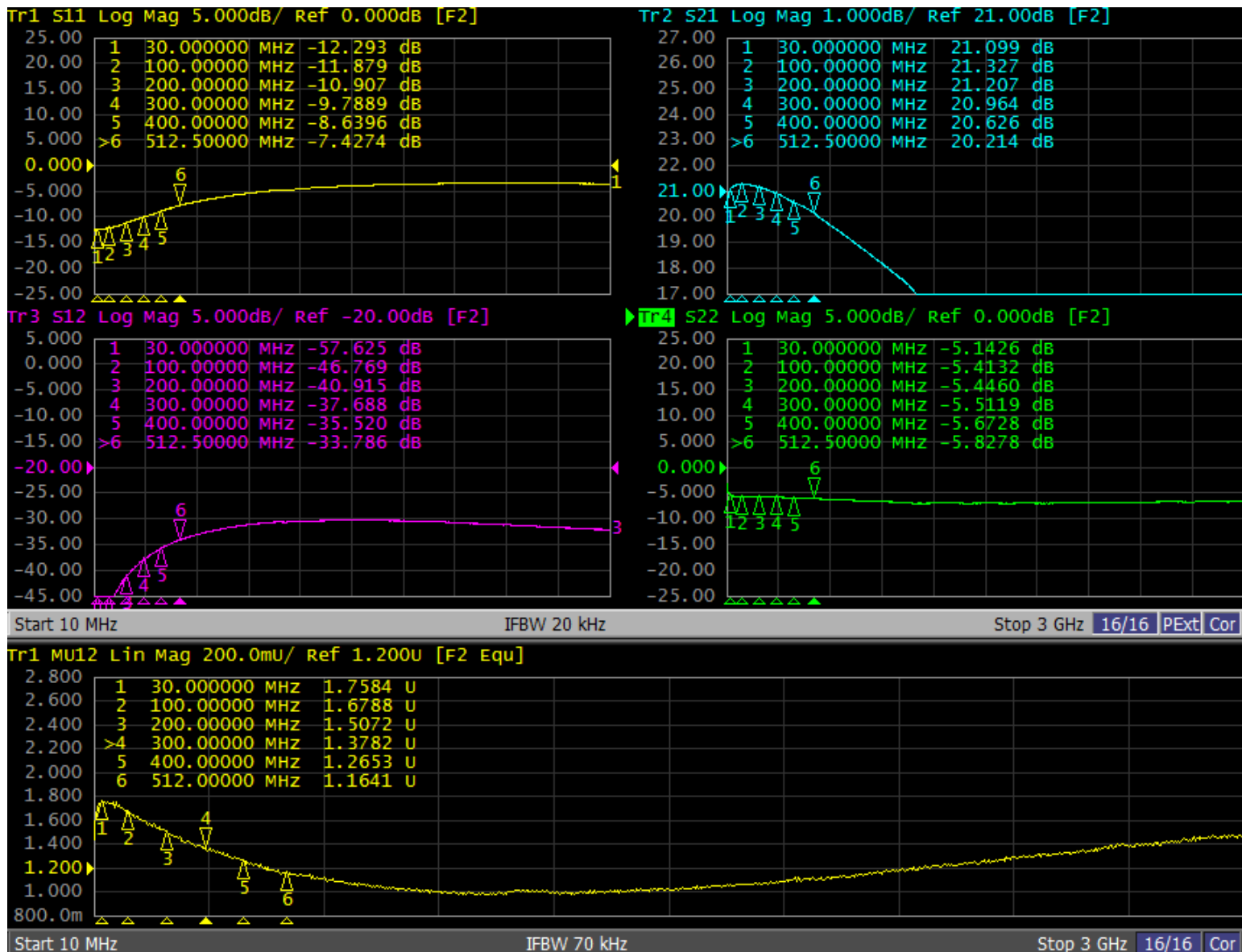
- Apply $V_{gg} = -5V$
- Apply $V_{dd} = 28$ or $32V$
- Slowly adjust V_{gg} till you see 40mA current. The V_{gg} should be around $-2.56V$
- Apply RF

Turn OFF

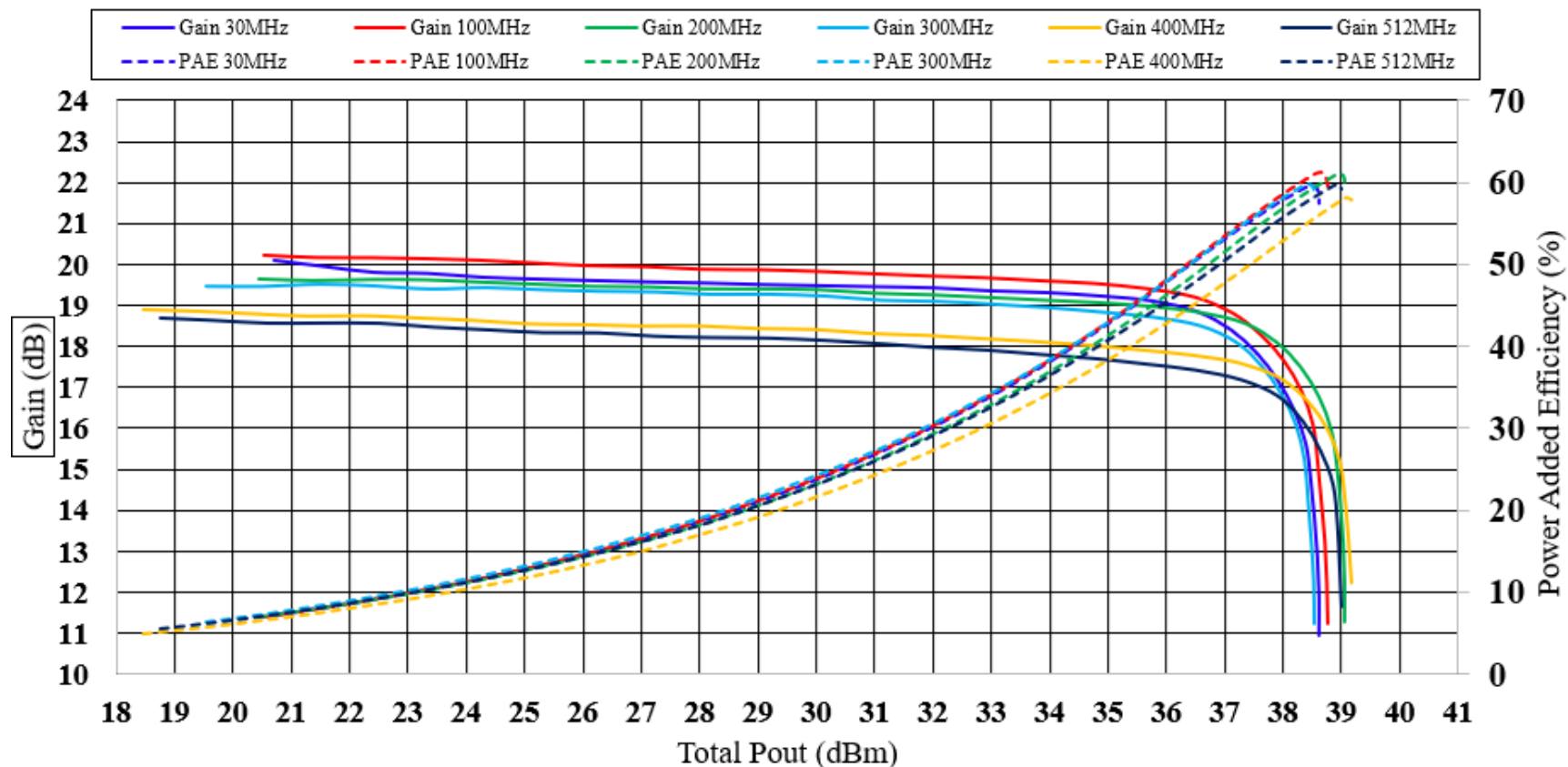
- Turn RF power OFF
- Turn OFF V_{dd}
- Turn OFF V_{gg}

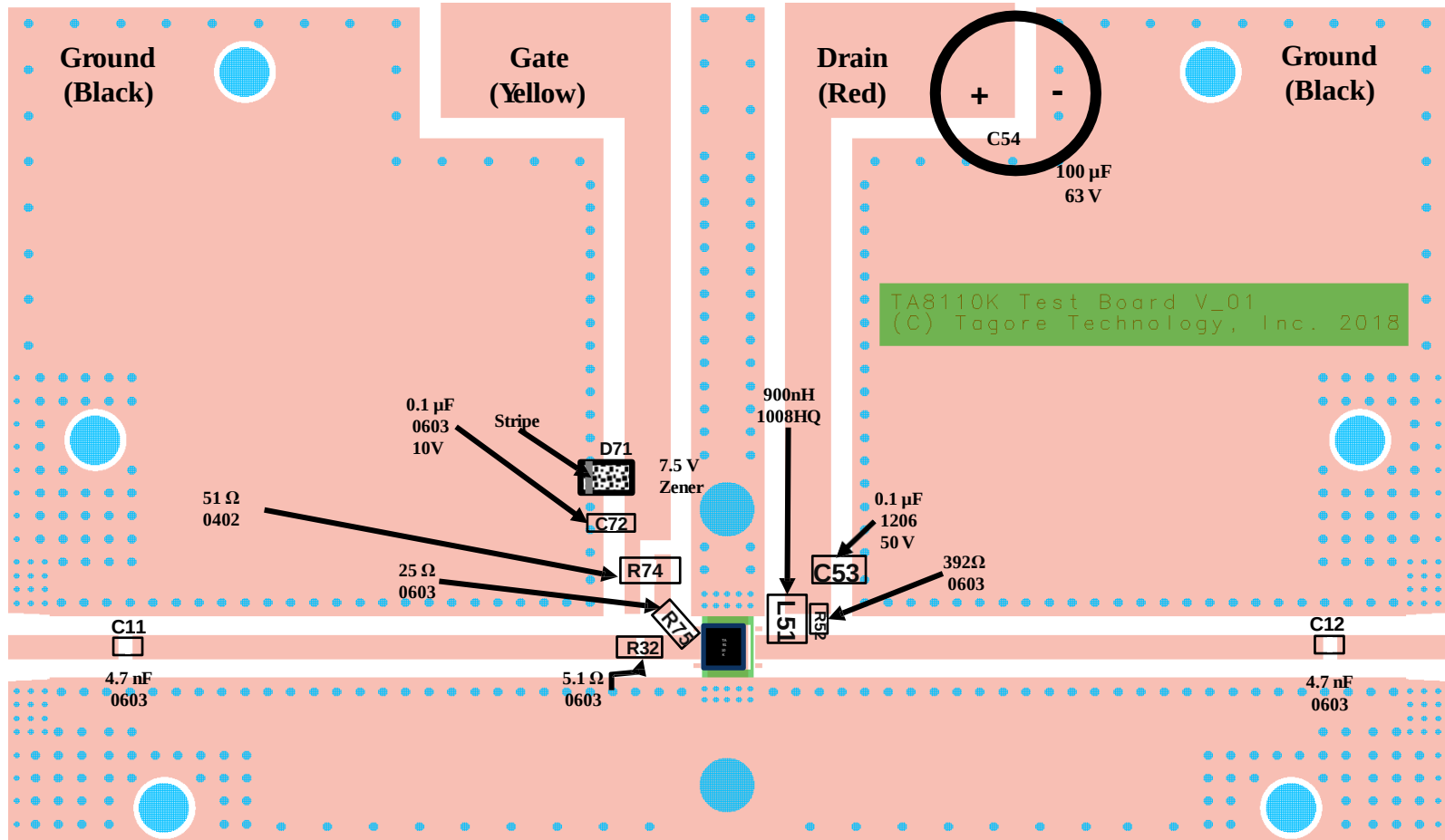






TA9110K T6 (D.C. 2027) , Vdd = 28V, Vgg = -2.55V, Idq = 40mA





C11, C12 can be moved closer to the part as these are DC blocks and not part of the matching network

Component ID	Value	Manufacturer	Recommended Part Number
C11,12	4.7nF, 50V	Murata	GRM1885C1H472JA01D
R32	5.1Ω	Vishay	RCS06035R10FKEA
D71	7.5 V Zener	On Semiconductor	MMSZ5236BT1G
C72	0.1μF, 10V	AVX	0603ZC104K4T2A
R74	51Ω	Vishay	CRCW060351R0FKEAHP
R75	25Ω	Panasonic	ERJ-PA3F24R9V
L51	900nH	Coilcraft	1008AF-901XJLC
R52	392Ω	Panasonic	ERJ-UP3F3920V
C53	0.1μF, 50V	Murata	GRM31C5C1H104JA01L
C54	100μF	Nichicon	UPW1J101MPD1TD
Q1		Tagore Technology	TA9110K
PCB	Rogers RO4350B, 20 mils, 2 oz copper		