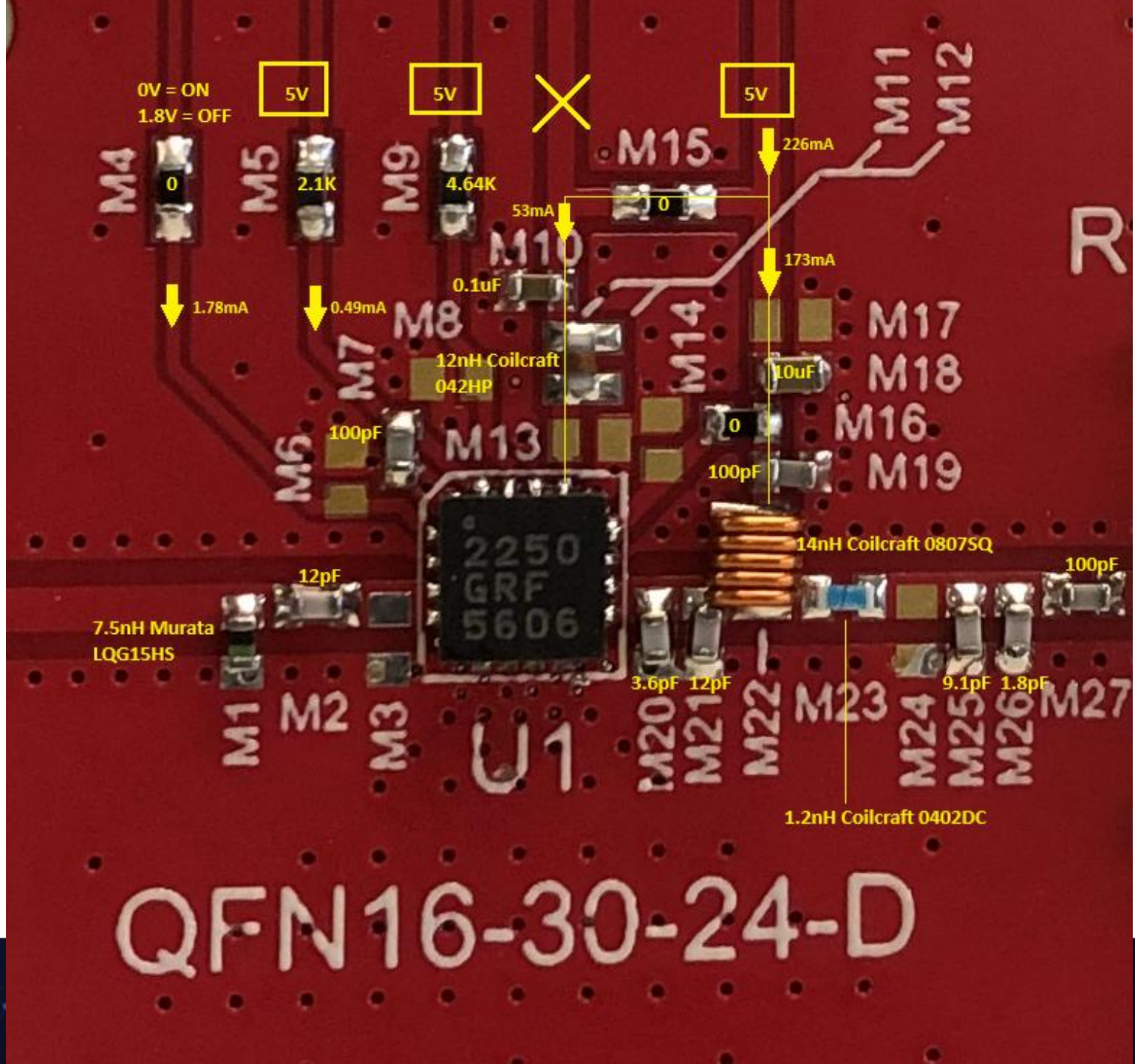
GRF5606
EVB180
670-730 MHz

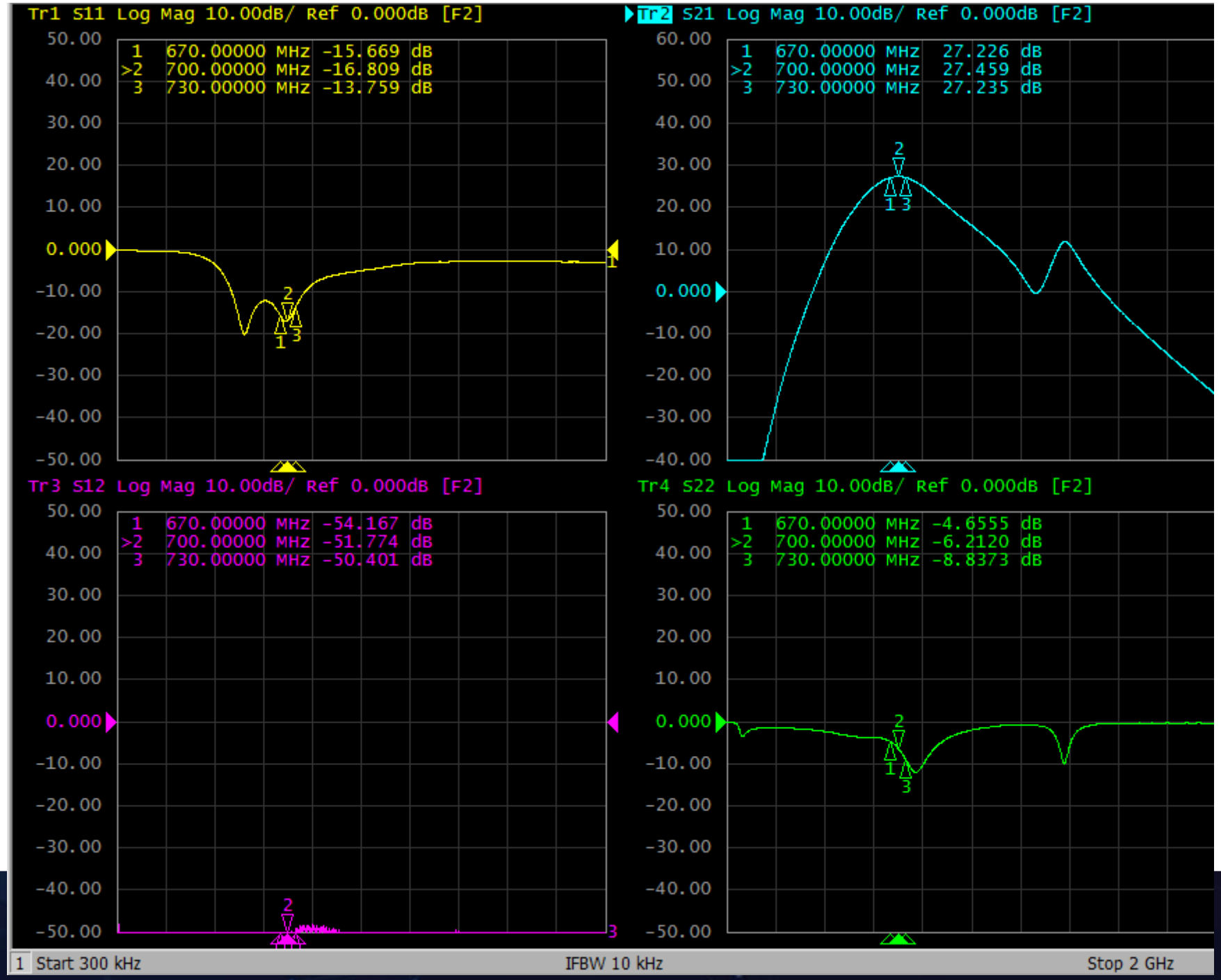
11/3/26

Schematic:

All capacitors <= 33pF → Murata GJM
All capacitors > 33pF = Murata GRM



Response:


Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F2]
1 670.00000 MHz -15.669 dB
>2 700.00000 MHz -16.809 dB
3 730.00000 MHz -13.759 dB
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]
1 670.00000 MHz 27.226 dB
>2 700.00000 MHz 27.459 dB
3 730.00000 MHz 27.235 dB
Tr3 S12 Log Mag 10.00dB/ Ref 0.000dB [F2]
1 670.00000 MHz -54.167 dB
>2 700.00000 MHz -51.774 dB
3 730.00000 MHz -50.401 dB
Tr4 S22 Log Mag 10.00dB/ Ref 0.000dB [F2]
1 670.00000 MHz -4.6555 dB
>2 700.00000 MHz -6.2120 dB
3 730.00000 MHz -8.8373 dB
1 Start 300 kHz
IFBW 10 kHz
Stop 2 GHz

Data:

Descriptor	Freq MHz	Vcc V	Ven V	Ven2V	Vstby	Iccq mA	Ien mA	Ien2 mA	IP3 Tone Power dBm	IP3 Tone Spacing MHz	gain dB	OIP3 dBm	OP1dB dBm	Eff %	EVB NF dB
GRF5606 EVB180	670	5	5	5	0	226	1.7	0.5	25	0.6	27.5	49.7	35.5	51.1	4.3
GRF5606 EVB180	690	5	5	5	0	226	1.7	0.5	25	0.6	27.5	47.8	35.6	53.6	4.3
GRF5606 EVB180	710	5	5	5	0	226	1.7	0.5	25	0.6	27.4	51.1	35.8	57.5	4.3
GRF5606 EVB180	730	5	5	5	0	226	1.7	0.5	25	0.6	27.1	48	35.4	57.8	4.3



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