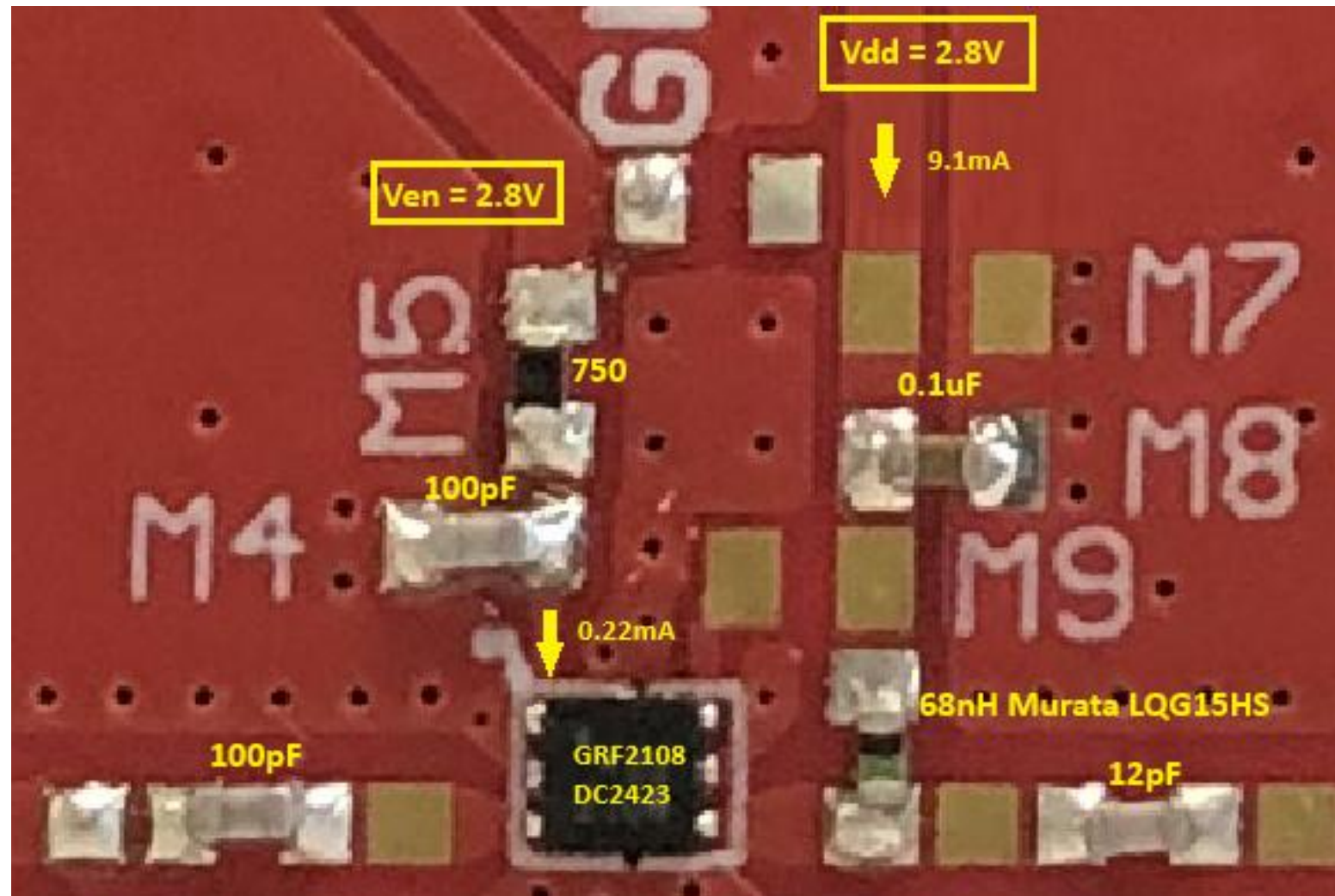


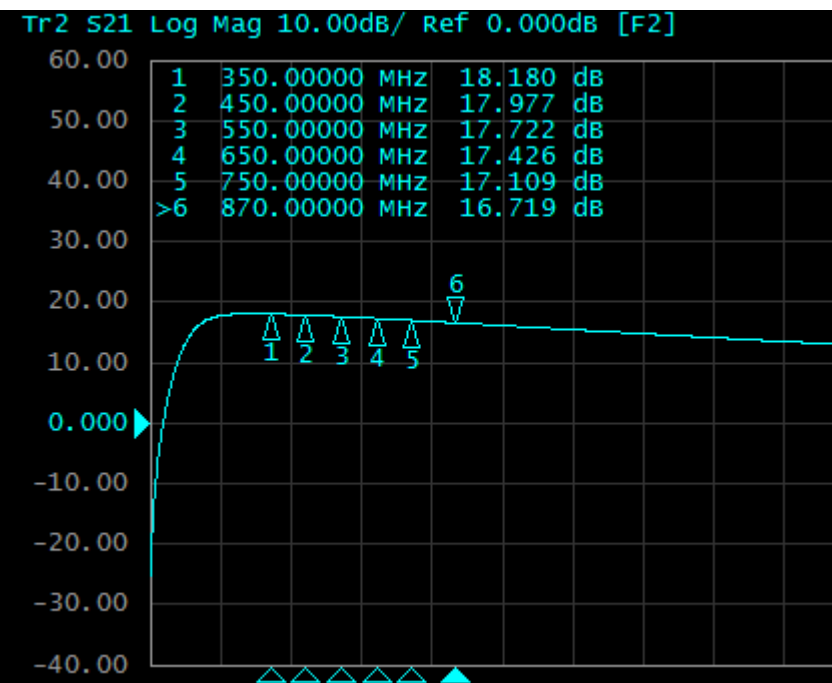
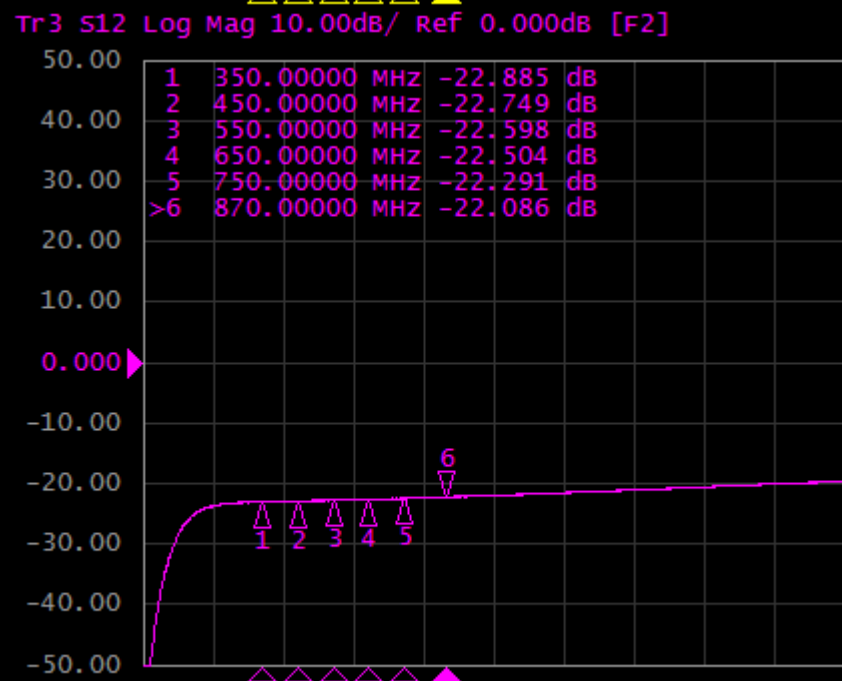
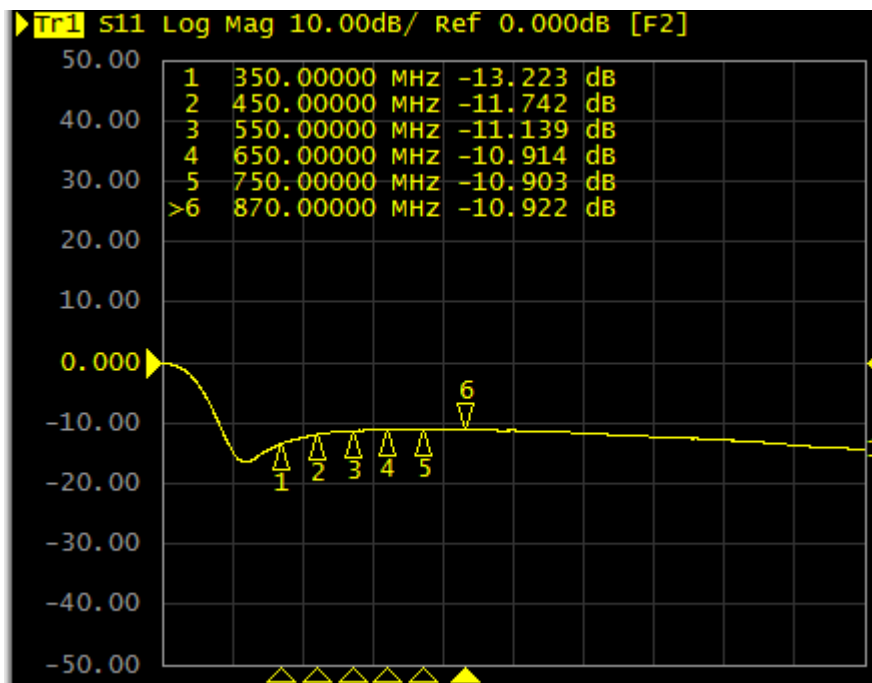


**GRF2108**  
**350-870 MHz**

Schematic:



Response:



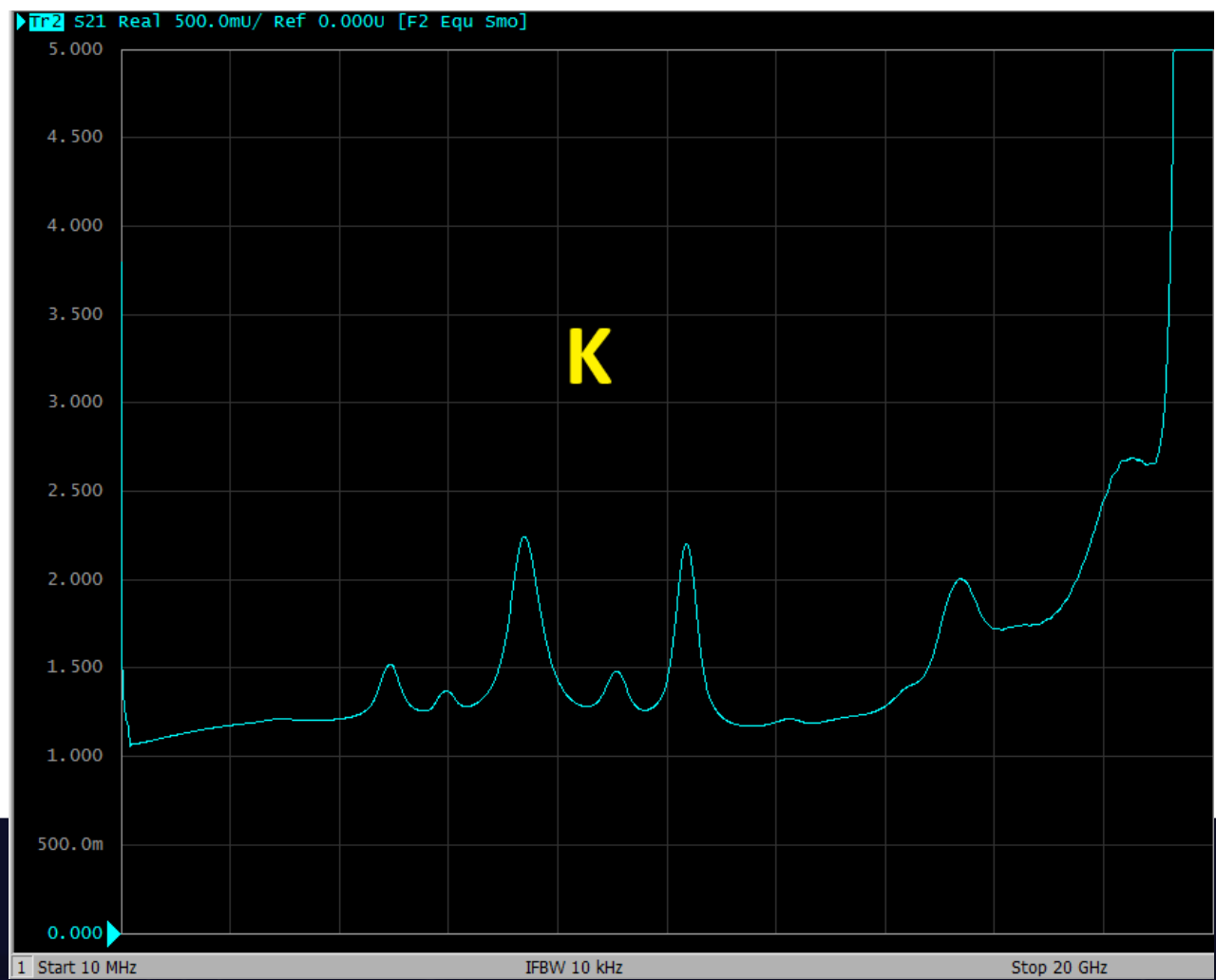
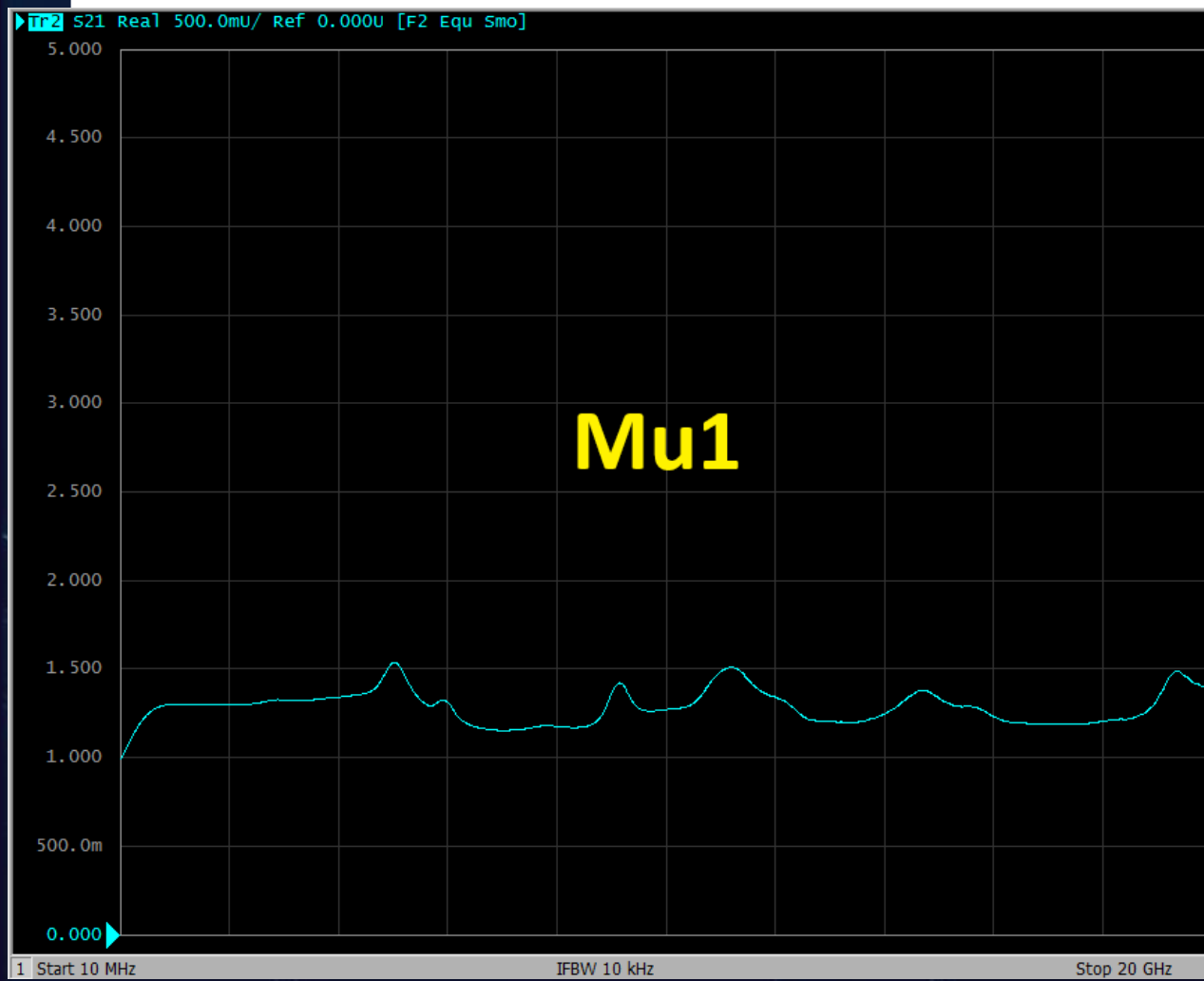
1 Start 10 MHz

IFBW 10 kHz

Stop 2 GHz



## Stability:



## Standard Data:

| Freq MHz | Vdd V | Iddq mA | Ven1 V | Ien1 mA | IP3 Tone Power dBm | IP3 Tone Spacing MHz | Gain dB | IIP3 dBm | OIP3 dBm | IP1dB dBm | OP1dB dBm | EVB NF dB |
|----------|-------|---------|--------|---------|--------------------|----------------------|---------|----------|----------|-----------|-----------|-----------|
| 350      | 2.8   | 9.1     | 2.8    | 0.22    | -5                 | 2                    | 18.3    | 3.7      | 22       | -0.8      | 16.5      | 0.93      |
| 450      | 2.8   | 9.1     | 2.8    | 0.22    | -5                 | 2                    | 18.1    | 3        | 21.1     | -0.1      | 17        | 0.93      |
| 550      | 2.8   | 9.1     | 2.8    | 0.22    | -5                 | 2                    | 17.7    | 2.6      | 20.3     | 0.5       | 17.2      | 0.92      |
| 650      | 2.8   | 9.1     | 2.8    | 0.22    | -5                 | 2                    | 17.4    | 2.4      | 19.8     | 1         | 17.4      | 0.89      |
| 750      | 2.8   | 9.1     | 2.8    | 0.22    | -5                 | 2                    | 17.1    | 2.4      | 19.5     | 1.5       | 17.6      | 0.85      |
| 870      | 2.8   | 9.1     | 2.8    | 0.22    | -5                 | 2                    | 16.6    | 2.4      | 19       | 2.2       | 17.8      | 0.85      |



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