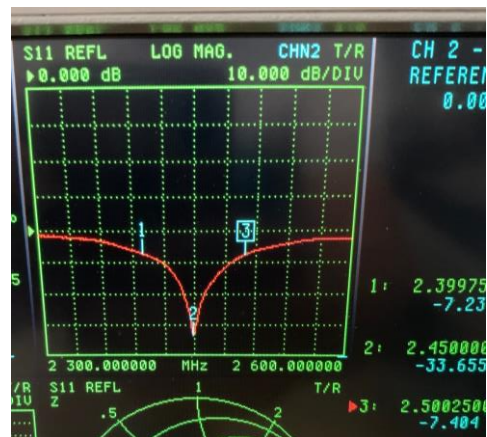


Operating Remarks

- Enhanced Operating Frequency: - 2.4 – 2.5 GHz (general 1 – 5 GHz)
- Operating Power: - Up to 250 W pulsed power (at 10 % duty cycle with a 100 μ s pulse width und max. VSWR 20:1)
- Up to 100 W CW (max. VSWR 20:1)
- Specific Feature: - Tuner is asymmetrical (optimized for 2.45GHz ISM-Band), so different results can be obtained when operated in reverse direction (switching IN and OUT)
- Bandwidth of matching is inversely proportional to cable between unit and applicator (see examples below)
- Highest sensibility in tuning range up to 3 mm

Case 1: Matching an open to 50 Ω (with an adapter)

S11 (@2.4 GHz) = -7.2 dB
 S11 (@2.45 GHz) = -33.6 dB
 S11 (@2.5 GHz) = -7.4 dB



Case 2: Matching an open to 50 Ω (with a 1m cable)

S11 (@2.4 GHz) = -1.1 dB
 S11 (@2.45 GHz) = -19.9 dB
 S11 (@2.5 GHz) = -1.6 dB



Guaranty

The guaranty period is 1 years after delivery.
 The guaranty does not cover defects based on wrong operation or improper usage.

Contact

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