

Across

- 1 The distortion produced by nonlinear impedance in a component or system when two or more signals with distinct frequencies are present (2 words)
- **3** A device or impedance that terminates the output of a device or transmission line
- 5 Mean time between failures
- **6** The degree to which the impedance of a component differs from the transmission line or component to which it is connected
- **13** The vector ratio of voltage to current, the reciprocal of admittance
- 15 Nonlinear vector network analyzer
- **18** A one-port component that terminates a transmission line
- **19** Frequency-dependent impedance that is capable of storing but not dissipating energy
- 20 Third-order intercept point
- **23** A mapping of the complex impedance plane onto a polar plot (2 words)

- **24** The control voltage and/or current applied to a device that establishes or facilitates proper operation
- **25** Energy at integral multiples of the frequency of the fundamental signal

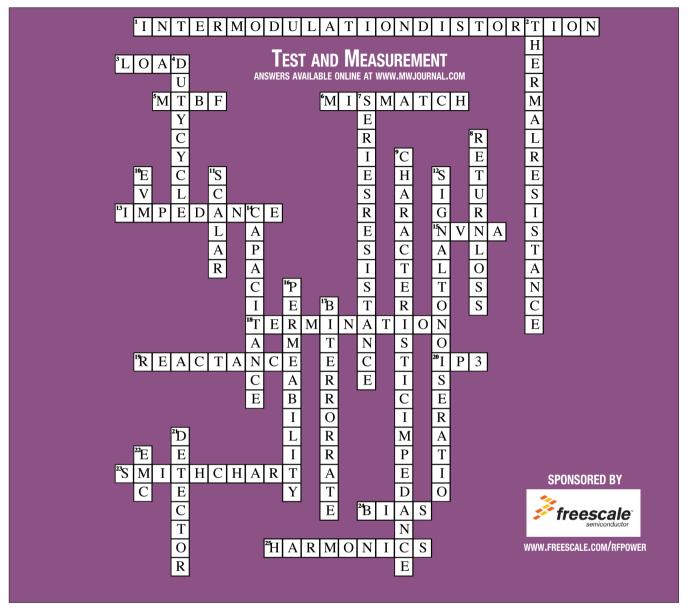
Down

- **2** The property of a material, device or system that impedes the flow of heat (2 words)
- **4** The ratio of operating to non-operating time for a device (2 words)
- **7** The real part of the complex impedance of a semiconductor device (2 words)
- 8 At a given point in a transmission system, the difference between the incident and reflected power (2 words)
- **9** The ratio of voltage and current at every point along a transmission line on which there are no standing waves (2 words)
- 10 Error vector magnitude
- 11 Of or pertaining to magnitude but not phase

- **12** The ratio of the magnitude of a desired signal to that of noise (4 words)
- **14** The property of conductors and dielectrics that permits storing electricity when a potential difference exists between conductors
- ${\bf 16}\,$ A measure of how much better a material is as a path for magnetic flux as compared to free space
- 17 The ratio of the number of bits in a data transmission that are incorrectly received to the number of bits received (3 words)
- 21 A circuit that produces a low frequency output signal, typically DC or video, whose amplitude is dependent upon the RF incident power level
- 22 Electromagnetic compatibility

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