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(54) Title: RF AMPLIFIER SYSTEM WITH INTERFACE TO PROVIDE A COMPUTER READABLE SPECTRAL DEPICTION OF THE RF OUTPUT

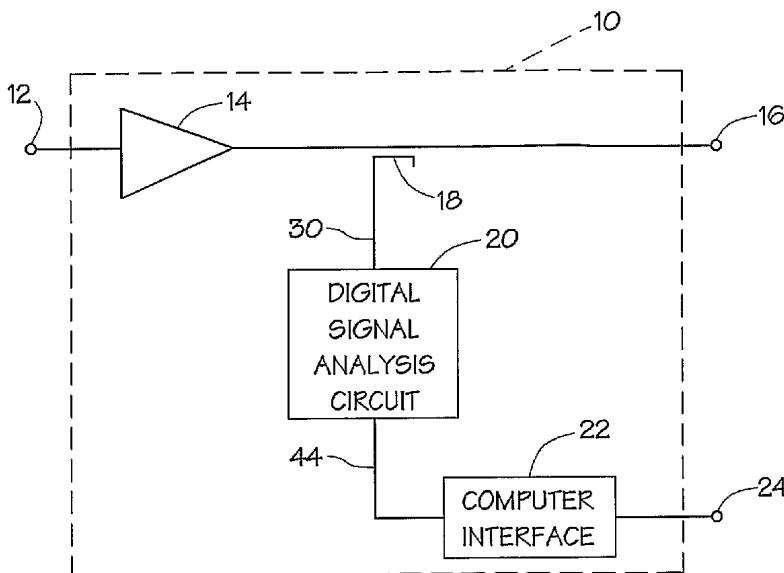


FIG. 1

(57) Abstract: An RF amplifier system (10) includes an RF power amplifier (14), a coupler (18), a digital signal analysis circuit (20), a an interface (22). The RF power amplifier (14) has an RF output. The coupler is coupled to the RF power amplifier to detect the RF output. The digital signal analysis circuit is coupled to the coupler to produce a digital signal that provides a spectral depiction the RF output. The interface is coupled to the digital signal analysis circuit to provide the spectral depiction of the RF output to an attached computer.

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B. FIELDS SEARCHED		
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, E	US 6,539,148 A (KIM et al.) 25 March 2003 (25.03.2003), Figure 31, column 20, lines 14-48.	1-26
A	US 5,001,776 A (CLARK) 19 March 1991 (19.03.1991), column 3, lines 10-16.	1-26
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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