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CONFIDENTIALITY REQUEST LETTER
SCV8X0X TRANSMITTER TECHNICAL DATA

Pursuant to FCC 0.457(d) and 0.459 of the FCC Rules we are requesting long-term confidentiality due to the fact that the applicant, Rohde & Schwarz, considers certain information to be submitted as trade secret information. Specifically, the schematics and parts lists submitted as exhibits for type certification for the above transmitter are not normally available to anyone outside of company employees. Those items along with the interior construction photos could be used to duplicate the design. The specific files needing confidentiality are identified as:

Interior Construction Photos.pdf
Compact TX Transmission Kit Parts List.pdf
SX801 Exciter Parts List.pdf
SX801 Exciter RF Board Parts List.pdf
UHF 300W Amplifier board Parts list.pdf
UHF VH8300CX Compact Amplifier Parts List.pdf
SX801 Exciter Diagrams.pdf
VH8300 Compact TX UHF PA schematic.pdf
Schematics VH8000 UHF RF 1 PA.pdf
Schematics VH8000 UHF RF 2 PA.pdf

Rohde and Schwarz realizes that Internal Construction Photos are not normally included within confidential material. However, the unique nature of the design of UHF power amplifiers provides a compelling argument to retain internal construction photos of the amplifier as confidential. The following justification applies.

The parts list and schematics are held confidential because a competitor can use the information to potentially reproduce the amplifier and make a copy available for sale. Likewise, the actual printed circuit board of the amplifier has microstrip transmission lines to tune and optimize the performance of the amplifier. So, in effect, the transmission lines are components just like any other part within the parts list. These microstrip lines are easily visible from viewing internal photographs of the amplifier construction. Treating the photos without confidentiality makes the microstrip lines available to potential

competitors and is like giving a portion of the parts list to possible competitors. Indeed, the microstrip lines are often the most critical components in the design. It is for this reason that Rohde and Schwarz believes that public access to the internal construction photos is potentially harmful to its business.

The company has gone to great expense to develop the equipment and they could be financially harmed if another competitor were to copy the products using the schematics and parts list information and make them available for sale. The parts lists, schematic information, and photos of internal construction contained within the exhibits submitted with this type certification application are not supplied with customer documentation. Because of the nature of the schematics and parts lists, redacted documents are not possible. At a minimum, a period of 5 years is necessary for confidentiality for these documents.

Regards,

Gregory L Best, PE