Press Release

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# RFS delivers compact, multi-technology, 5G-ready antennas with portfolio of 'building block' equipment

RFS is working with operators across 4 continents to deliver network equipment that offers increased functionality without increasing site footprint


**Hannover, Germany, 17th February 2020 – Radio Frequency Systems (RFS), a global designer and manufacturer of total-package solutions for wireless and broadcast infrastructure, announces its mature development of modular antenna platforms so that RFS designers can quickly react to solve challenges faced by operators with 5G roll outs.**

The approach which can be applied to both base station and small cell antenna equipment, allowing customers to select multiple frequencies and technologies, i.e. 5G, 4G, 3G, which are formatted into a single hybrid antenna, without impacting the performance of any frequency. Site space constraints, site simplification and site sharing are core considerations that can be addressed with the new technology.

Using modular 'building block' technology which has been optimized to allow spectrum efficiency and ensure performance and throughput, operators can significantly increase the functionality of their Radio Access Network (RAN) equipment while selecting narrower and smaller antennas from RFS.

The solution gives an opportunity to consolidate multiple technologies in to a single antenna, it reduces the OPEX and CAPEX costs, plus, by using a building block approach, RFS is able to give its customers the flexibility of heavily tailored products, without the delay to market that usually accompanies custom-built equipment. As operators look to integrate 5G capabilities into their infrastructure, this offers a perfect way to add a 5G layer without impacting existing 4G network performance.

Laurent Cruchant, VP Base Station Antennas and Filters at Radio Frequency Systems, "As 5G becomes a real-world reality, there are number of considerations for operators as they look to build a RAN that can deliver the promises and potential of 5G. Here, size is important, as it is essential that equipment that works harder in less space to ensure that 5G and existing network generations can work seamlessly together to serve customers. We are particularly excited about platform2, platform3 and platform4 all suited to integrate 8T8R and higher order TDD beam formers for 5G."

## About RFS

Radio Frequency Systems (RFS) is a global designer and manufacturer of cable, antenna and tower systems, plus active and passive RF conditioning modules, providing total-package solutions for wireless infrastructure.

RFS serves OEMs, distributors, system integrators, operators and installers in the broadcast, wireless communications, land-mobile and microwave market sectors. As an ISO compliant organization with manufacturing and customer service facilities that span the globe, RFS offers cutting-edge engineering capabilities, superior field support and innovative product design. RFS is a leader in wireless infrastructure.

## Trademarks

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