



RFS supports broadcast re-stack in Thailand at over half of country's low power sites

The broadcast specialist delivered 148 combiners across 62 sites to facilitate the move to new spectrum



Kilsyth, July 27 2021 – Radio Frequency Systems (RFS), a global designer and manufacturer of total-package solutions for wireless and broadcast infrastructure today announces it has upgraded infrastructure at 54.8% of Low Power broadcast sites in Thailand as part of the restack project.

RFS worked with Thailand's three main broadcasters to retune and install equipment to serve the population as part of the country's shift from 700MHz to new spectrum bands. The project, initially confirmed in December 2019, would involve retuning and reinstalling existing equipment, alongside adding new combiner systems to deliver digital over the air broadcasting across Thailand, which has recently seen an [uplift](#) in digital TV consumption.

As part of the process, RFS initially intended to send its own experienced engineers from the Australia team to ensure the smooth installation of equipment. However, following initial training sessions, 2020 saw significant travel restrictions across the globe, meaning an alternative approach was needed to ensure the re-stack deadline was met.

Firstly, equipment that needed specialist retuning, originally planned to be carried out in Thailand, was shipped from Thailand to engineers at RFS's Kilsyth facility for retuning before being returned ready to operate on new bands. For the installation phase, RFS worked with translators, created demo equipment, and delivered virtual training for local engineers to ensure they had the specialized skills to install the equipment. Finally, as it became possible to obtain work travel permits, technical experts from RFS visited each site in Thailand to ensure optimization of all combiner systems at sites assigned to RFS. Despite disruption to the original plans, the installation process was successful, delivering the project to meet the switchover deadline and customer demands.

Liliana Aponte, Technical Sales Manager at RFS commented, "This project required RFS to combine all its strengths to ensure on time delivery that served the needs of our customers. We used our technical expertise with our problem-solving abilities to work around the logistical challenges presented by the pandemic meeting customer demands that were dictated by immovable deadlines. Solving this challenge with the virtual training package was a great success and something we are excited to be able to deliver to more customers in the future."



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.

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