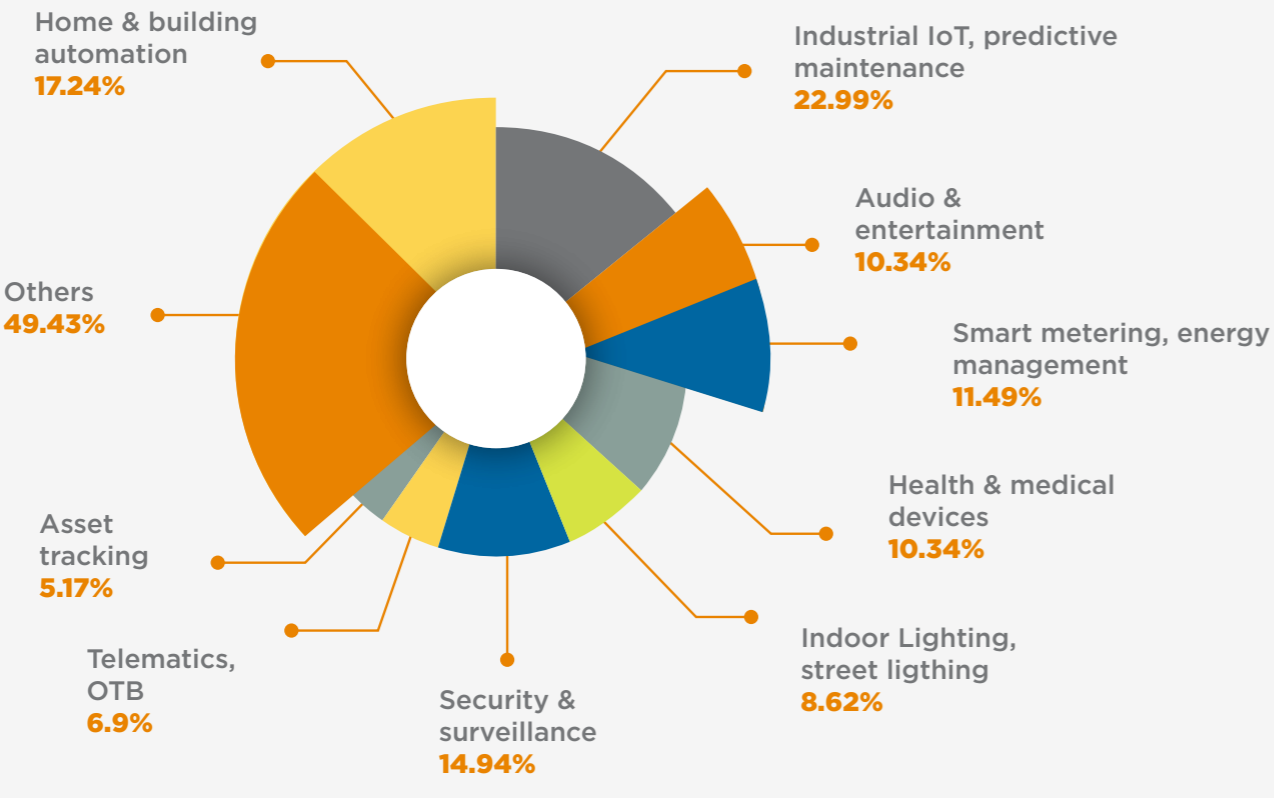


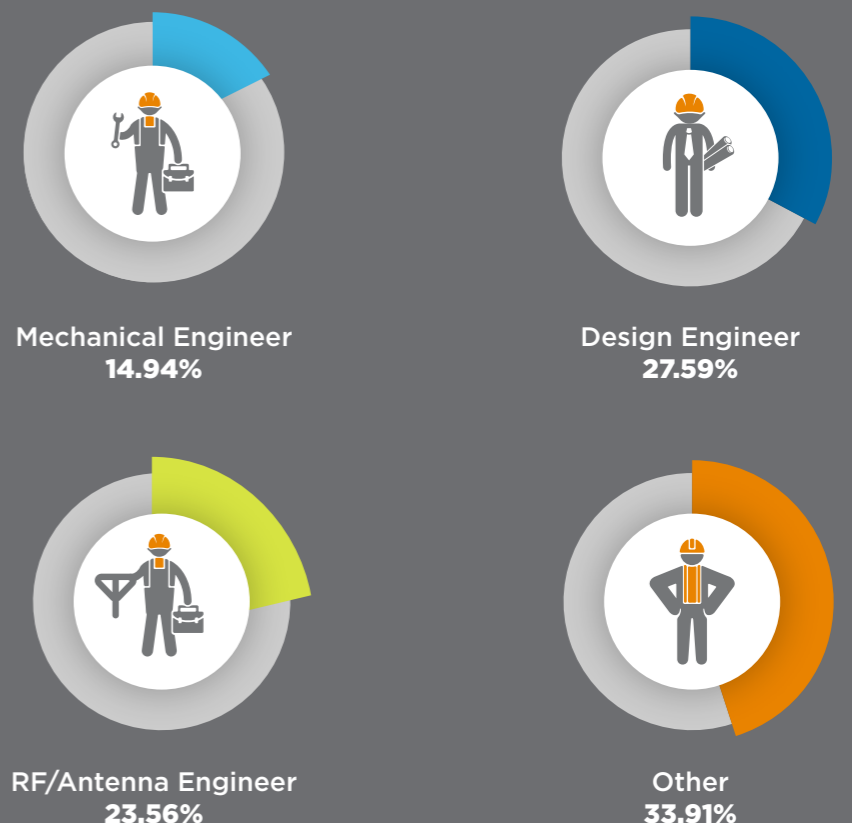
SNAPSHOT: WIRELESS CONNECTIVITY TRENDS, NEEDS, AND WANTS

This survey highlights wireless antenna trends, challenges and requirements through the eyes of 174 engineers

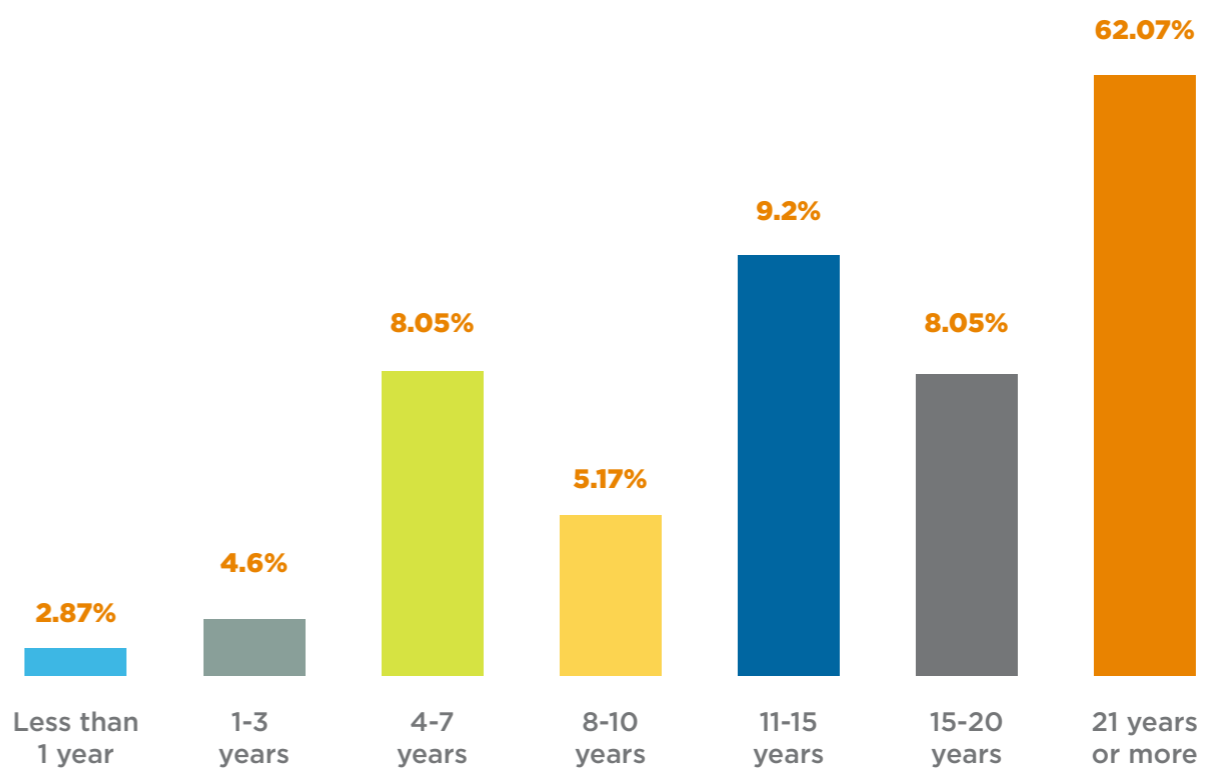
Almost **50%** of respondents work in Industrial IoT, Security & Surveillance, Home & Building Automation and Smart Energy Management



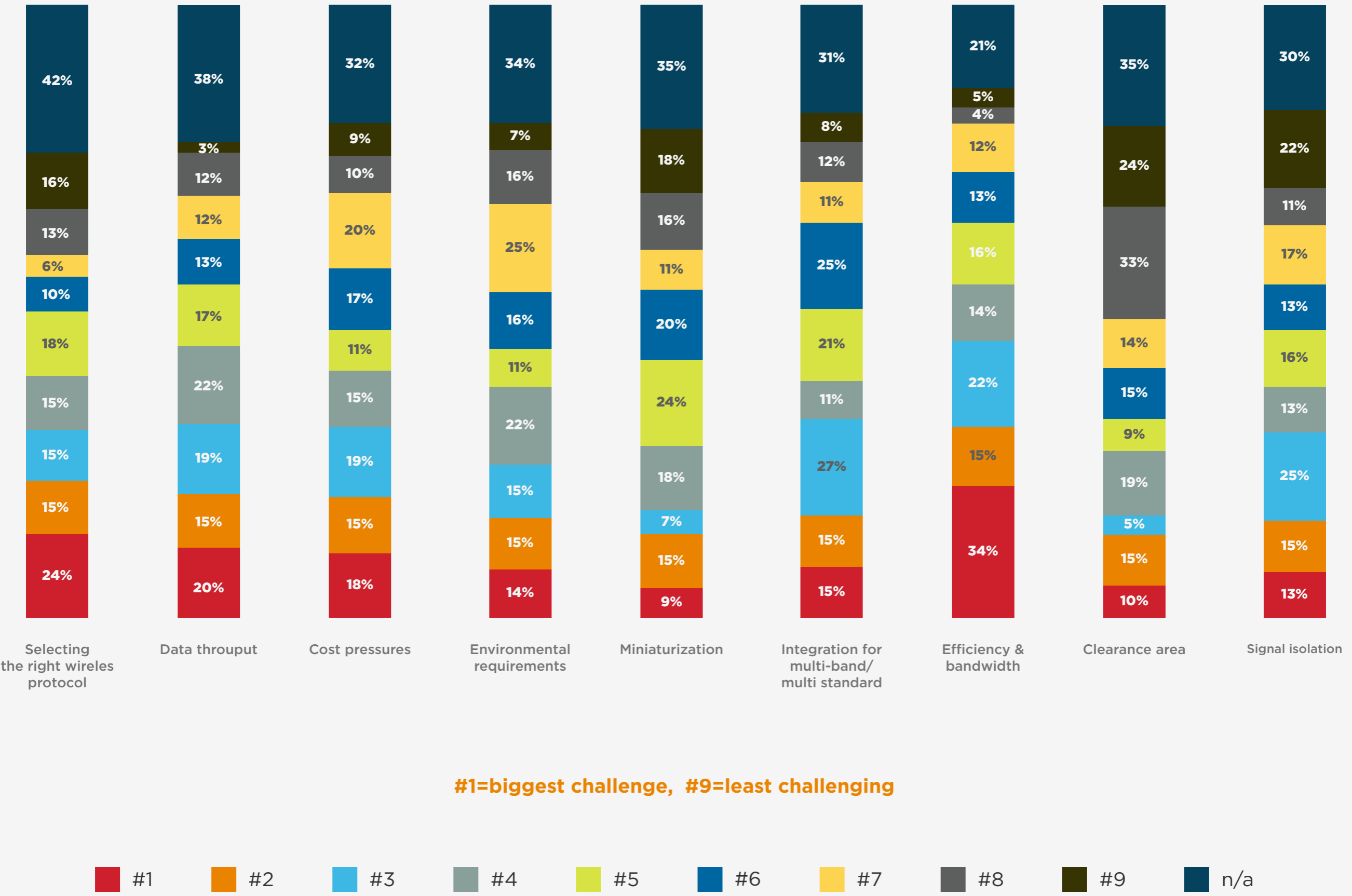
Design Engineer and RF/Antenna engineers comprise over **50%** of respondents



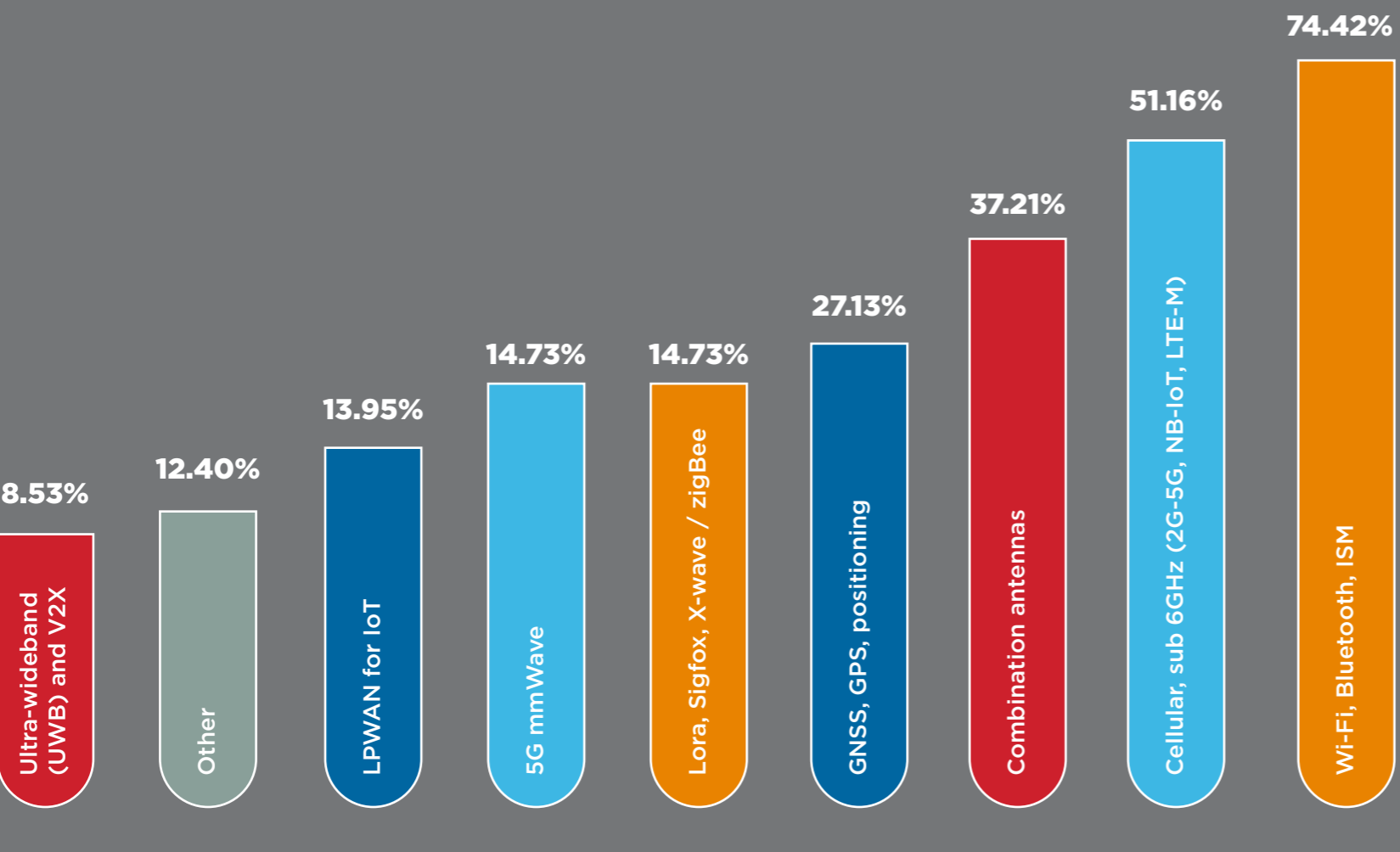
Over **60%** of respondents have over 21 years of engineering experience



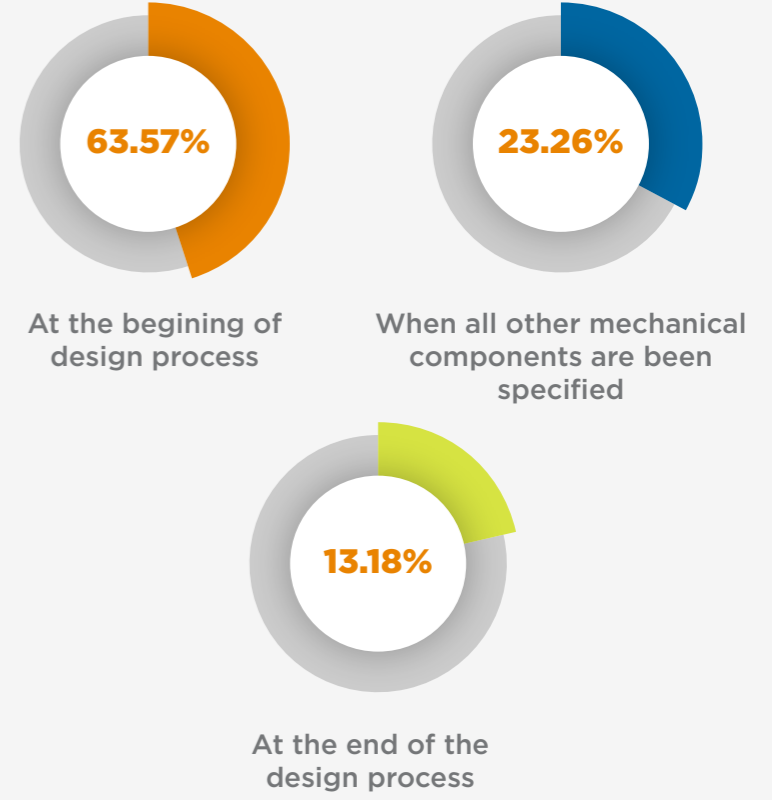
Respondents ranked **EFFICIENCY AND BANDWIDTH** as one of the biggest challenges with antenna design followed by data throughput, selecting the right wireless protocol and cost pressures



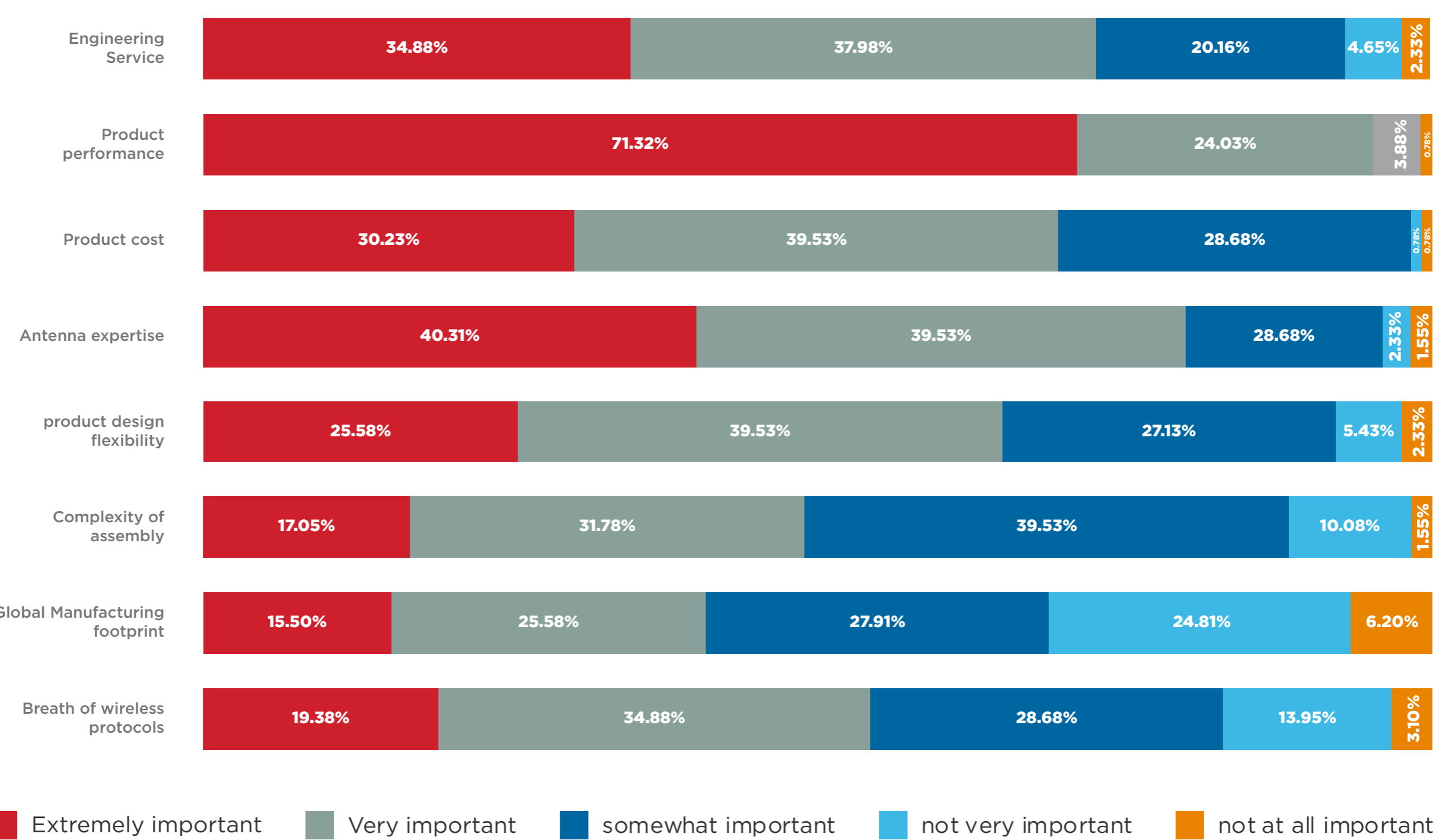
CELLULAR AND WI-FI were listed the top wireless protocols more widely used by respondents in the last 12 months.



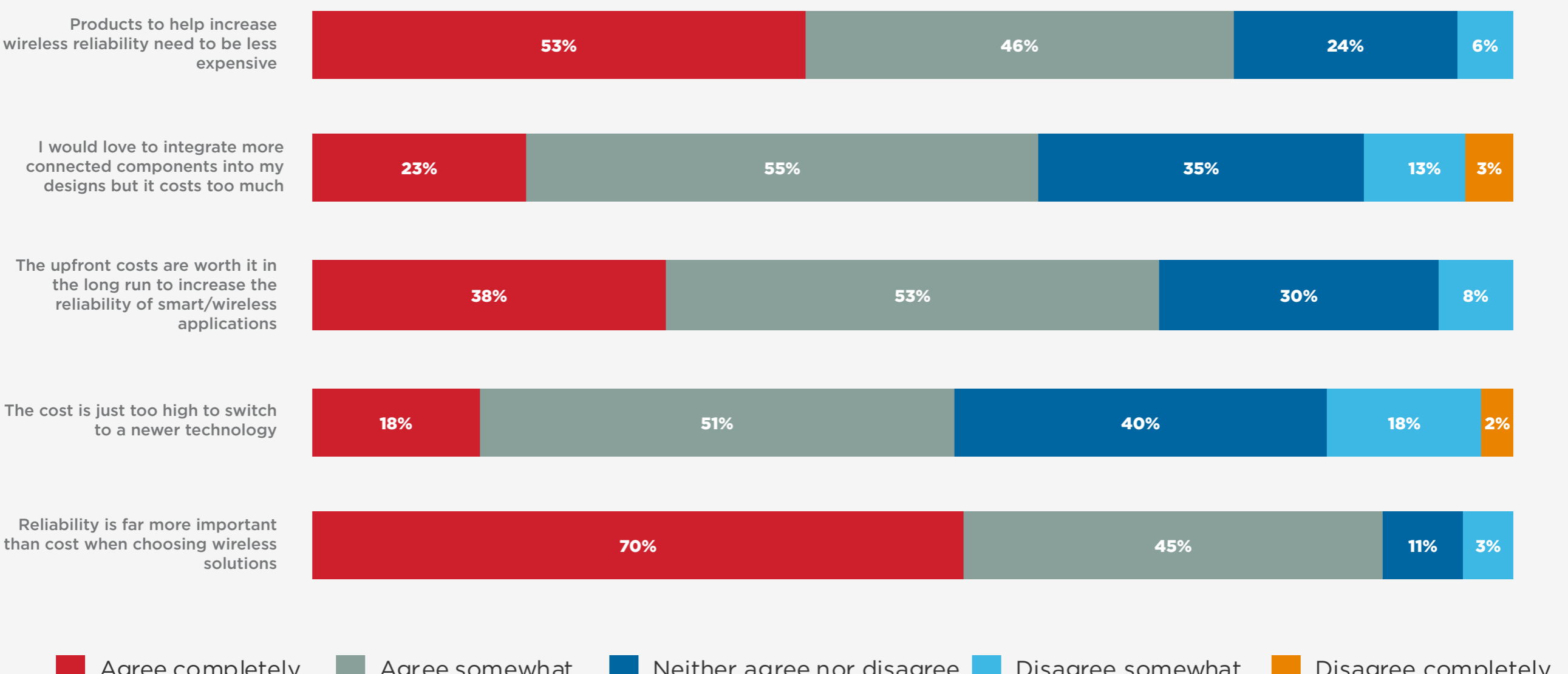
Over **60%** of respondent indicated that their search for antenna products start at the beginning of the design process.



Respondents identified **PRODUCT PERFORMANCE** as the most important element when selecting an antenna product followed by antenna expertise and engineering service and product design flexibility



Over **50%** of respondents agreed that is far more important than cost when choosing wireless solutions



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