

# Choke Ring Geodetic Antenna



Topcon Positioning Systems (TPS, USA) has announced the new CR-G5, a high-performance choke ring antenna based on the company's TA-5 full spectrum GNSS antenna element. The new TA-5 technology utilises an array of vertical convex dipoles to provide 'full wave' tracking for all existing and future GNSS signals.

This geodetic antenna has vertical phase centre stability over the entire GNSS frequency band, for performance in tracking low elevation satellite signals, according to company sources.

It is designed for the long-term installations required for reference network and monitoring applications. It is shock-tested to withstand repeated 1m drops onto concrete, and is IPX7-waterproof and IP6X-dustproof-rated.

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<https://www.gim-international.com/content/news/choke-ring-geodetic-antenna>

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