

FOR IMMEDIATE RELEASE

Nonvoice announces partnership with Waveform disrupters Spectral DSP

June 25th 2021, Florida, USA – Nonvoice, the world's first 5G app agency, has announced today their newest partnership with Spectral DSP who recently launched their PAPR (peak-to-average power ratio) that offers a breakthrough in Waveform technology. Officially called the "Spectral DSP SC-OFDM" Waveform (Spectral DSP), this service will make 5G development easier and more cost effective to telecommunications operators.

Through the partnership, Nonvoice will be promoting the patent-pending technology to their operator network around the world and making them aware of the many benefits of Spectral DSP including:

- Providing a significant reduction in power consumption from the Power Amplifier.
improved cell coverage due to the PAPR reduction.
- increased radiated transmit power.
- increased power permits for use in a larger cell radius.
- same transmission of energy as traditional OFDM but requiring fewer cell sites to cover a particular area.

"This is another exciting partnership for Nonvoice and shows our leadership role in the industry and ability to attract partners from all areas of the 5G ecosystem. Technologies like this will bring the advantages of 5G such as low latency to consumers more quickly," explains Simon Buckingham, CEO and founder of the Nonvoice Agency.

Spectral DSP's President, Pete Wassell, added "The beauty of the technology we have designed is in its simplicity. We can send a cellular signal at the same bitrate as a standard OFDM but using just half of the amplified energy. We are the first company to achieve this, and it opens up many new possibilities for operators and 5G".

The reduction in energy that Spectral DSP can achieve is substantial since cell tower base stations will soon account for ~3% of all electrical power consumption worldwide. This equates to huge savings on energy costs for telecommunications operators. This advantage will be discussed by Nonvoice agents with all their operator partners over the coming weeks.

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About Nonvoice Agency

Nonvoice Agency is a network of agents searching for the best advanced consumer and enterprise 5G apps from around the world. The agency connects app developers with distributors and investors who then help accelerate the adoption and deployment of their application. Nonvoice Agency provides an ecosystem of key parties dedicated to the 5G value chain and the future benefits that these services will bring to the world.

Founder, Simon Buckingham, is available for expert commentary on 5G applications.

For more information visit: www.nonvoice.com

About Spectral DSP

Spectral DSP's proprietary waveform modulation technique is at the heart of the solution. Spectral DSP technology reduces OFDM PAPR (peak-to-average power ratio) in order to achieve low energy consumption. While we are currently focused on the cellular industry, our solution applies across the entire RF spectrum. Spectral DSP's CTO, Dr Fred Harris, is an IEEE Fellow, CUBIC signal processing chair at SDSU, holds 18 patents, has written over 170 journal and conference papers, authored several books on Digital Signal Processing, and contributed to the invention of cable modems and modern-day satellite communication. Our solution can be rolled out via simple reprogramming of cellular modem software. We expect to have a similar PA efficiency boost on UE handsets, enabling longer battery life or BOM cost savings. Our software resides at the DSP level and software for handsets.

For more information visit: www.spectraldsp.co