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RFuW Engineering Ltd.

RFuW Engineering, Ltd. Announces the Release of Industry Leading S Band Ultra High Power (+60 dBm) RF Switch and Limiter (+57 dBm) Pair

Labuan, Malaysia, 23 Jan 2017 - RFuW Engineering, Ltd., the industry's leading supplier of high power, SMT RF Limiters and Switches, today announces the release of the [MSW2T-2735-196/-197](#) Ultra High Power (+60 dBm) S Band Switches and the [RFLM-262322HC-151](#) Ultra High Power (+57 dBm) S Band Limiter (+57 dBm):

MSW2T-2735-196

Frequency:	2.7 to 3.5 GHz
Power (CW):	+57 dBm ¹
Power (Peak):	+60 dBm ¹
IL:	0.4 dB
RL:	16 dB
ISO:	37 dB

RFLM-262322HC-151

Frequency:	2.6 to 3.2 GHz
Power (CW):	+48 dBm ¹
Power (Peak):	+57 dBm ¹
IL:	0.65 dB
RL:	18 dB
FL:	13 dBm
Recovery Time:	100 nsec

Note1: Rated power with operating T = +85°C.

Advances in GaN power transistor technologies has eclipsed the capabilities of MMIC technologies for both switching and limiting functions. The MSW2T-2735-196/197 switches and RFLM-262322HC-151 Limiter were developed expressly for use in high reliability applications with CW power levels in excess of +53 dBm operating in ambient temperature environment up to 85°C.

The MSW-2735-196 offers a clockwise pin out while the MSW2T-2735-197 offers a counter-clockwise pin out to assist in the efficient PCB layout for T/R modules. Both switches are offered in 6mm x 9mm SMT package.

The RFLM-262322HC-151 S Band Limiter offers unprecedented protection, ultra-low flat leakage and ultra-fast recovery time in a 6mm x 9mm SMT package.

"The MSW2T-2735-196/197 S Band RF Switches and RFLM-262322HC-151 S Band RF Limiter were developed expressly to address high power, high reliability applications which require industry leading RF performance in hostile environments" stated J.R. Chen, Vice President of Engineering and Senior Partner, RFuW Engineering.

Samples and Evaluation Boards are available.

About RFuW Engineering, Ltd.: RFuW Engineering, Ltd. was founded in 2014 by former senior management of Aeroflex & MACOM specifically focused on supporting RF customers who have become marginalized by the unhealthy consolidation trend plaguing the RF industry. RFuW Engineering, Ltd. offers high power, high reliability, SMT Limiter and Switches in the HF to X Band frequency range designed, developed and produced in the company's Asia base of operation.