

May 9, 2014

## Notice of Specification Change

Anaren Waiver # CHEN-9K4KAR  
Anaren P/N: 56106-G001/B0322J5050AHF Qty Affected: All Future Orders

### Notice of Specification Change(s):

Anaren regrets to inform you that a specification change is required for the B0322J5050AHF product. Amplitude balance and phase balance are the specific parameter that requires a change. The tables below outline current specifications and updated specifications.

Current Data Sheet Specifications:

Frequency	Return Loss	Insertion Loss	Amplitude Balance	Phase Balance	CMRR	Power Handling
<i>MHz</i>	<i>dB Min</i>	<i>dB Max</i>	<i>dB Max</i>	<i>Deg Max</i>	<i>dB Max</i>	<i>Watts Max</i>
300-2200MHz	12.2	1.6	1.2	20	15	2

Updated Data Sheet Specifications:

Frequency	Return Loss	Insertion Loss	Amplitude Balance	Phase Balance	CMRR	Power Handling
<i>MHz</i>	<i>dB Min</i>	<i>dB Max</i>	<i>dB Max</i>	<i>Deg Max</i>	<i>dB Max</i>	<i>Watts Max</i>
300-2200MHz	12.2	1.6	1.3	21	15	2

### Justification:

When Anaren originally established the specifications for this part, they were based on estimated projections for material and process stability established during low volume pilot builds. As we have increased production quantities, it has become apparent that these projections were too optimistic. The net result is that this part has had consistently poor yield, despite several attempts at controlling the material and process variables.

### Specification Change Timeline:

Anaren will implement this new specification for all current shipments. To help determine the impact of this change on customer system performance samples are available of units with performance tested to the updated specifications. Anaren regrets the required specification change but we feel that it is essential to ensure timely and consistent deliveries.

If you have any questions or need further information, please call me at 1-800-544-2414 or send e-mail to [chennigan@anaren.com](mailto:chennigan@anaren.com).

Sincerely,

Casey Hennigan  
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