

PRODUCT CHANGE NOTICE PCN Form (D4-E000-73)

PCN22-008

NOTIFICATION DATE: February 14, 2022

MODELS AFFECTED:

SYDC-7-651HP+

EXTENT OF CHANGE:

Changed WEB datasheet footnote 1 for customer setting of Input Power level based on heat removal.

From:	To:
1. The user must provide adequate means of heat removal to limit the temperature of ground connections 2,3,6,7 to 85°C , in order to ensure proper performance. At 25°C ambient temperature this requires thermal resistance of the user's PC board heat sink to be 20°C/W or less when the unit is driven at maximum specified RF input power, 20W . At higher ambient temperature, with the same heat sink. Input power in watts must not exceed 20W x (85°C - Tambient)÷60°C	1. The user must provide adequate means of heat removal to limit the temperature of ground connections 2,3,6,7 to 65°C , in order to ensure proper performance. At 25°C ambient temperature this requires thermal resistance of the user's PC board heat sink to be 20°C/W or less when the unit is driven at maximum specified RF input power, 15W . At higher ambient temperature, with the same heat sink. Input power in watts must not exceed 15W x (85°C - Tambient)÷60°C

EFFECT OF CHANGE:

Input Power calculation based on customer's thermal resistance

REASON FOR CHANGE:

Typo on datasheet

EFFECTIVE DATE OF CHANGE:

Immediate

ATTACHMENTS:

QUESTIONS?

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