

6) ADVANCED ANALOG RF POWER TECHNOLOGY Short-term (1sec) phase stability in free-running operation is within 0.1deg and RF voltage level stability is 0.1%.

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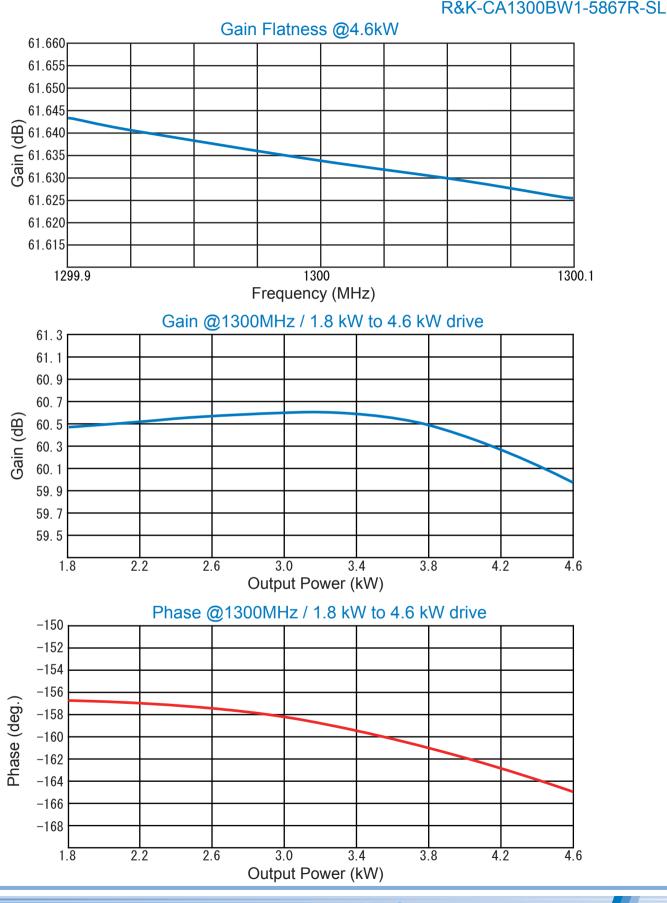
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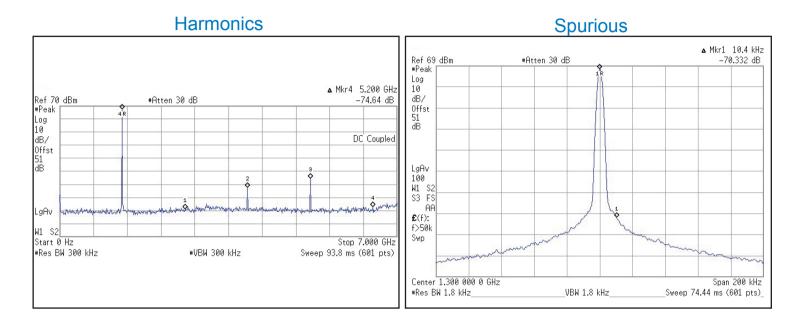


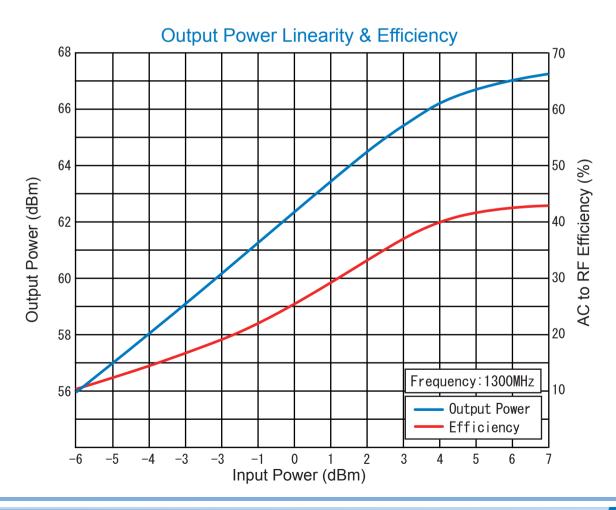
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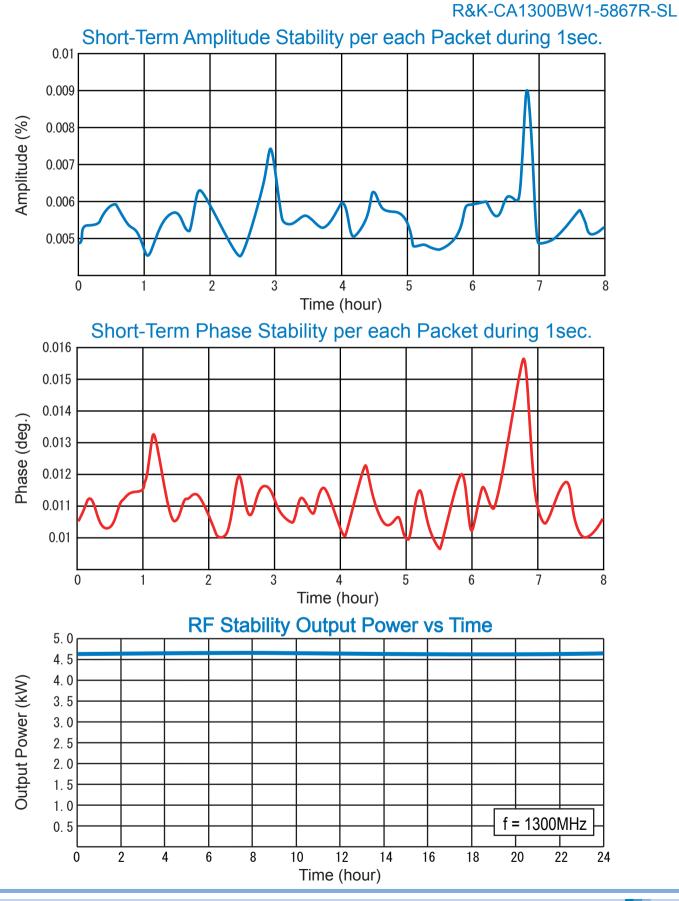




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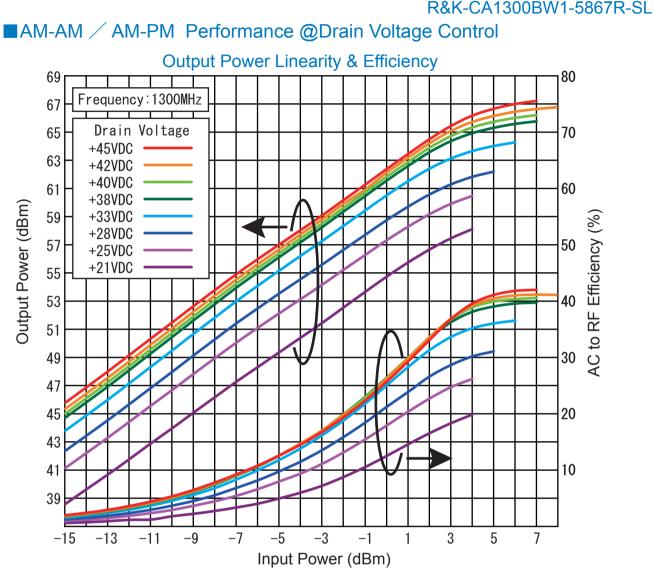




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Efficiency @Rated Drain Voltage

RF Output	Drain Voltage	AC to RF Efficiency
4600W	+45V	40.84%
3910W	+45V	≒38.0%
3450W	+45V	≒35.5%
2300W	+45V	≒29.0%
1380W	+45V	≒22.0%
920W	+45V	≒17.5%
460W	+45V	≒12.0%

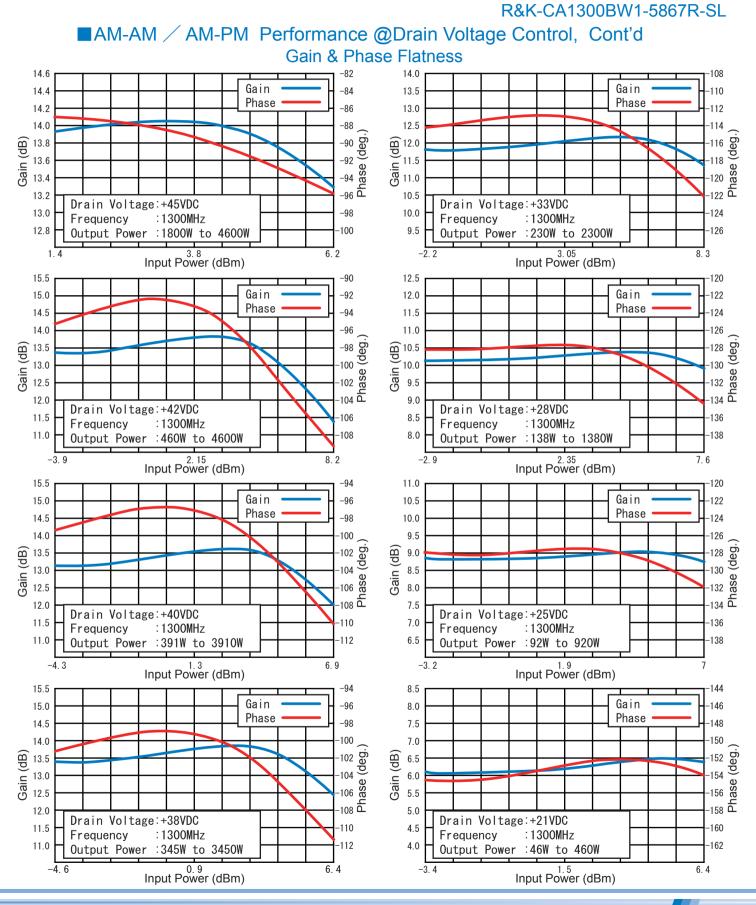
Efficiency @Drain Voltage Control

RF Output	Drain Voltage	AC to RF Efficiency
4600W	+42V	41.12%
3910W	+40V	40.19%
3450W	+38V	39.22%
2300W	+33V	35.06%
1380W	+28V	28.98%
920W	+25V	23.81%
460W	+21V	16.37%

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