

July 22, 2014

I certify that the following translators have been checked for spurious emissions and modulation and that they comply with the requirements of C.F.R Sections 73.317(b) through 73.317(d).

K265EY and K224CV

Measurements were taken using a calibrated RF spectrum analyzer connected to the transmission line using an in line wattmeter -40dB sample port. The noise floor was observed at -90dBm.

Signed:



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Intermod Calculation Sheet:

		Fundamental		First Harmonic		Second Harmonic
Frequency A:	K265EY	100.9	5.0dBm	201.8	-80dBm	302.7 -90dBm
Frequency B:	K224CV	92.7	5.0dBm	185.4	-80dBm	278.1 -90dBm

Second Order Products:

193.6 -70dBm
8.2 -70dBm
201.8 -80dBm
185.4 -80dBm

Thrid Order Products:

387.2 -90dBm
16.4 -90dBm
403.6 -90dBm
370.8 -90dBm

Fourth Order Products:

580.8 -90dBm
24.6 -90dBm
556.2 -90dBm
605.4 -90dBm