

August 19, 2016

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).

K203DP and K218EV

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:



Dustin Pamplona
Sr. Field Technician
Calvary Chapel of Twin Falls, INC.

Intermod Calculation Sheet:

		Fundamental		First Harmonic		Second Harmonic
Frequency A:	K203DP	88.5	0.0dBm	177	-80dBm	265.5 -90dBm
Frequency B:	K218EV	91.5	0.0dBm	183	-80dBm	274.5 -90dBm

Second Order Products:

180	-75dBm
3	-75dBm
177	-80dBm
183	-80dBm

Thrid Order Products:

360	-80dBm
6	-80dBm
265.5	-90dBm
274.5	-90dBm

Fourth Order Products:

540	-90dBm
9	-90dBm

Test Completed 8/18/16 By Patrick Bello