

March 14, 2017

I, Billy Pinheiro, certify that the following translators have been checked for spurious emissions and modulation and that they comply with requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d).

K202ED and K297BH

Measurements were taken using a calibrated RF spectrum analyzer connected to the transmission line using an in-line watt meter -40dB sample port.

Signed:



Billy Pinheiro

Field Technician

Calvary Chapel of Twin Falls

Intermod Calculation Sheet

		Fundamental	First Harmonic	Second Harmonic
Frequency A:	K202ED 0dB	88.3	176.6	264.9
Frequency B:	K297BH 0dB	107.3	214.6	321.9

Second Order Products

195.6 -75 dB
19 -70 dB
176.6 -80 dB
214.6 -80 dB

Third Order Products

391.2 -80 dB
38 -80 dB
353.2 -90 dB
429.2 -90 dB

Forth Order Products

586.8 -90 dB
57 -95 dB

Tektronix 2712 Spectrum Analyzer -40dB port on watt meter

TEST COMPLETED 3/12/2017 BY BILLY PINHEIRO