

February 19, 2015

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

K204DK and K213EH Chico, CA

Measurements were taken using a calibrated RF spectrum analyzer connected to the transmission line using an in-line watt meter -40dB sample port. An 88-108 Band reject filter was used to check frequencies outside of FM BROADCAST band.

Signed:

Jeremy Estabrooks
Field Engineer
Calvary Chapel of Twin Falls, Inc.

Intermod Calculation Sheet

			Fundamental	First Harmonic	Second Harmonic
Frequency A:	88.7	-1	88.7	177.4	266.1
Frequency B:	90.5	-1	90.5	181	271.5

Note: Frequency B should be the greater of the two.

Second Order Products	1.8	N	1.2	N
	179.2	N	87.9	N
	177.4	N	91.5	N
	181	N	178.2	N
Third Order Products	92.3	N	179.4	N
	86.9	N	180.6	N
	269.7	N	267.3	N
	267.9	N	268.5	N
	266.1	N	269.7	N
	271.5	N	270.9	N