

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).

K202ED and K206CU

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

Signed:

Jeremy Estabrooks
Field Engineer
Calvary Chapel of Twin Falls

Intermod Calculation Sheet

| | | | Fundamental | First Harmonic | Second Harmonic |
|--------------|------|---------|-------------|----------------|-----------------|
| Frequency A: | 88.3 | -6.8 dB | 88.3 | 176.6 | 264.9 |
| Frequency B: | 89.1 | 3.2 dB | 89.1 | 178.2 | 267.3 |

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

| | | | | |
|------------------------------|-------|---|-------|---|
| Second Order Products | 0.8 | N | 1.2 | N |
| | 177.4 | N | 87.9 | N |
| | 176.6 | N | 91.5 | N |
| | 178.2 | N | 178.2 | N |
| Third Order Products | 89.9 | N | 179.4 | N |
| | 87.5 | N | 180.6 | N |
| | 266.5 | N | 267.3 | N |
| | 265.7 | N | 268.5 | N |
| | 264.9 | N | 269.7 | N |
| | 267.3 | N | 270.9 | N |

BK Precession Spectrum Analyzer -40dB port on watt meter.
88-108 Band reject filter used to check frequencies outside of FM band

TEST COMPLETED 9/4/10 BY JEREMY ESTABROOKS