

November 21, 2017

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) as demonstrated below.

Measurements were taken using a calibrated RF spectrum analyzer, IFR Model 1200 Super S, Ser# 5884.

Signed,

John Russell, Owner

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Station	Freq of Un- mod. Carrier (MHz.)	Station unmod. Carrier is ref. (dB below ref)	Measure with respect to unmod carrier (KHz)	Station unmod. Carrier is ref. (dB below ref)	Measure with respect to unmod carrier (KHz)	Station unmod. Carrier is ref. (dB below ref.)	Measure with respect to unmod carrier (kHz)	Station unmod. Carrier is ref. (dB below ref.)	Highest Freq. Measured (MHz)
47CFR 73.317 compliance			(b)	(b)	(c)	(c)	(d)	(d)	
K213DT	90.5	0	120 to 240	-56	240 – 600	-73	>600	>85	181.0
K220KA	91.9	0	120 to 240	-55	240 to 600	-62	>600	>86	166.2

Noise floor >90dB below K213DT, and >90dB below K220KA unmodulated carrier.